LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.993	16	18	28	rVB3	88535	169002	1.53%	0.221%
2	3.075	28	32	41	rVB	237760	336983	3.05%	0.440%
3	3.158	42	46	55	rVB	192643	277839	2.52%	0.363%
4	3.258	59	63	72	rVB	285330	370297	3.35%	0.484%
5	3.469	96	99	108	rVB2	97675	161495	1.46%	0.211%
6	3.658	127	131	142	rVB2	95403	167043	1.51%	0.218%
7	3.769	146	150	156	rVB	107339	133127	1.21%	0.174%
8	4.146	208	214	216	rBV	838835	1142859	10.35%	1.492%
9	4.181	216	220	226	rVV	5168873	6911893	62.61%	9.025%
10	4.234	226	229	235	rVB2	109204	158838	1.44%	0.207%
11	4.463	262	268	281	rBV	8038493	11038817	100.00%	14.414%
12	4.675	299	304	314	rBV	414161	607996	5.51%	0.794%
13	4.834	327	331	338	rVB2	55968	79311	0.72%	0.104%
14	5.334	411	416	426	rVV	156427	249077	2.26%	0.325%
15	5.493	437	443	453	rBV	1209784	1805018	16.35%	2.357%
16	5.669	467	473	476	rBV2	109442	190019	1.72%	0.248%
17	5.716	476	481	490	rVB	388064	605664	5.49%	0.791%
18	5.869	502	507	516	rVB2	89872	159038	1.44%	0.208%
19	5.987	521	527	530	rBV3	25033	40305	0.37%	0.053%
20	6.157	551	556	560	rBV6	21912	37908	0.34%	0.049%
21	6.787	657	663	669	rBV	568592	925705	8.39%	1.209%
22	6.846	669	673	684	rVB	544649	853594	7.73%	1.115%
23	6.981	686	696	702	rBV4	86278	223190	2.02%	0.291%
24	7.146	717	724	734	rVB	307360	482286	4.37%	0.630%
25	7.434	766	773	779	rBV	802808	1331085	12.06%	1.738%
26	7.493	779	783	793	rVB	242183	401837	3.64%	0.525%
27	7.693	812	817	821	rBV3	26663	44662	0.40%	0.058%
28	7.793	829	834	845	rVB	111262	180668	1.64%	0.236%
29	7.916	851	855	862	rVB	92864	152672	1.38%	0.199%
30	8.034	869	875	888	rVB	45568	82777	0.75%	0.108%
31	8.157	888	896	912	rBV4	82928	242834	2.20%	0.317%
32	8.340	923	927	935	rVB4	14968	31812	0.29%	0.042%
33	8.469	942	949	958	rBV	71726	121262	1.10%	0.158%
34	8.587	963	969	981	rBV	650625	1186378	10.75%	1.549%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

35	8.710	986	990	999	rVV2	38349	98488	0.89%	0.129%
36	8.793	999	1004	1009	rVV5	20815	39035	0.35%	0.051%
37	9.010	1034	1041	1049	rBV5	66177	126941	1.15%	0.166%
38	9.140	1057	1063	1068	rVB3	17313	31215	0.28%	0.041%
39	9.251	1076	1082	1086	rBV3	26546	49312	0.45%	0.064%
40	9.304	1086	1091	1106	rVB	224709	435647	3.95%	0.569%
41	9.851	1178	1184	1203	rBV	265421	595746	5.40%	0.778%
42	9.998	1203	1209	1219	rVV	169591	297505	2.70%	0.388%
43	10.198	1235	1243	1254	rBV	1159138	1924324	17.43%	2.513%
44	11.157	1402	1406	1414	rVB3	26866	48885	0.44%	0.064%
45	11.263	1417	1424	1438	rBV	158187	344481	3.12%	0.450%
46	11.498	1460	1464	1473	rVB6	13843	27345	0.25%	0.036%
47	12.369	1606	1612	1621	rVB7	13017	29610	0.27%	0.039%
48	12.498	1626	1634	1645	rVV3	471797	980145	8.88%	1.280%
49	12.769	1675	1680	1688	rVB2	55642	85476	0.77%	0.112%
50	13.075	1726	1732	1742	rVB	119871	182841	1.66%	0.239%
51	13.522	1801	1808	1813	rBV	2069215	2889788	26.18%	3.773%
52	13.569	1813	1816	1818	rVV	176116	252455	2.29%	0.330%
53	13.598	1818	1821	1827	rVV	502222	722880	6.55%	0.944%
54	13.663	1827	1832	1840	rVB	389774	587706	5.32%	0.767%
55	13.786	1847	1853	1859	rVB	120490	171631	1.55%	0.224%
56	14.098	1899	1906	1915	rVB2	2188904	3398305	30.79%	4.437%
57	14.604	1987	1992	1996	rBV3	163514	255867	2.32%	0.334%
58	14.657	1996	2001	2012	rVB	1074532	1566968	14.20%	2.046%
59	14.780	2019	2022	2030	rVB3	27937	43523	0.39%	0.057%
60	14.963	2048	2053	2062	rVB	184461	288491	2.61%	0.377%
61	15.098	2070	2076	2088	rBV	1298763	1888566	17.11%	2.466%
62	15.257	2097	2103	2110	rBV	170299	291527	2.64%	0.381%
63	15.586	2149	2159	2166	rBV2	772793	1263392	11.44%	1.650%
64	15.663	2169	2172	2178	rVB5	43294	80389	0.73%	0.105%
65	15.827	2191	2200	2209	rBV2	348333	592263	5.37%	0.773%
66	15.998	2224	2229	2239	rBV8	21938	51199	0.46%	0.067%
67	16.468	2295	2309	2312	rBV4	66466	221426	2.01%	0.289%
68	16.510	2312	2316	2324	rVB	206046	321042	2.91%	0.419%
69	16.639	2333	2338	2342	rVB5	15710	27069	0.25%	0.035%
70	16.733	2348	2354	2360	rBV	56497	94163	0.85%	0.123%
71	16.851	2368	2374	2385	rBV	2279024	3283630	29.75%	4.288%

LSC Area Percent Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	16.951	2385	2391	2402	rVV2	515194	800821	7.25%	1.046%
73	17.104	2412	2417	2425	rBV2	56754	91730	0.83%	0.120%
74	17.251	2435	2442	2448	rBV	133432	201429	1.82%	0.263%
75	17.674	2509	2514	2519	rVB2	103439	137211	1.24%	0.179%
76	17.780	2525	2532	2547	rBV	1170551	1886571	17.09%	2.463%
77	18.098	2581	2586	2588	rBV4	28320	46474	0.42%	0.061%
78	18.127	2588	2591	2597	rVB2	40690	72584	0.66%	0.095%
79	18.257	2609	2613	2620	rBV3	65671	109998	1.00%	0.144%
80	18.392	2633	2636	2642	rVB2	33266	48891	0.44%	0.064%
81	18.515	2652	2657	2663	rBV	485608	728199	6.60%	0.951%
82	18.898	2719	2722	2727	rBV3	41117	65358	0.59%	0.085%
83	19.074	2747	2752	2755	rBV2	105926	137611	1.25%	0.180%
84	19.262	2777	2784	2789	rVV	2108012	3170691	28.72%	4.140%
85	19.304	2789	2791	2797	rVB	257699	315471	2.86%	0.412%
86	19.698	2854	2858	2866	rBV2	331284	460847	4.17%	0.602%
87	19.862	2880	2886	2892	rBV5	84351	189758	1.72%	0.248%
88	19.927	2892	2897	2901	rVB	141428	189306	1.71%	0.247%
89	19.980	2901	2906	2914	rBV	788653	1036682	9.39%	1.354%
90	20.486	2988	2992	2999	rBV2	631189	857973	7.77%	1.120%
91	20.809	3043	3047	3053	rBV2	378991	555084	5.03%	0.725%
92	21.068	3086	3091	3095	rBV	2804084	3637692	32.95%	4.750%
93	21.515	3163	3167	3169	rBV2	304758	427033	3.87%	0.558%
94	21.668	3191	3193	3199	rVB2	138856	158919	1.44%	0.208%
95	22.109	3265	3268	3274	rVB	246323	284052	2.57%	0.371%
96	22.586	3346	3349	3355	rVB	335358	419767	3.80%	0.548%
97	23.115	3435	3439	3444	rVB	379910	552522	5.01%	0.721%
98	23.197	3447	3453	3466	rVB	1730629	3154809	28.58%	4.119%
99	23.715	3538	3541	3548	rVB	313301	502318	4.55%	0.656%
100	24.686	3700	3706	3716	rVB	796248	1850378	16.76%	2.416%

Sum of corrected areas: 76582746

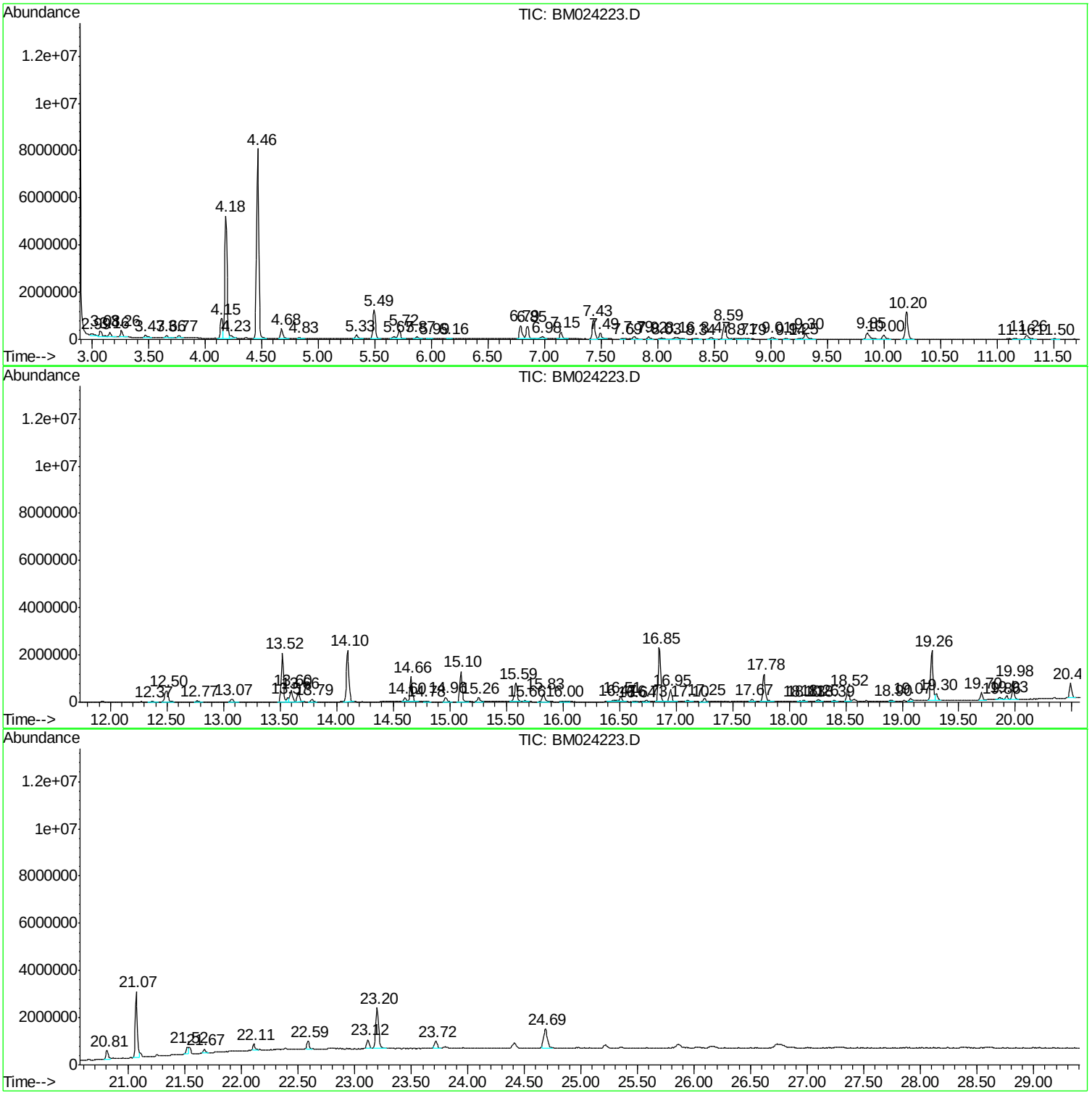
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

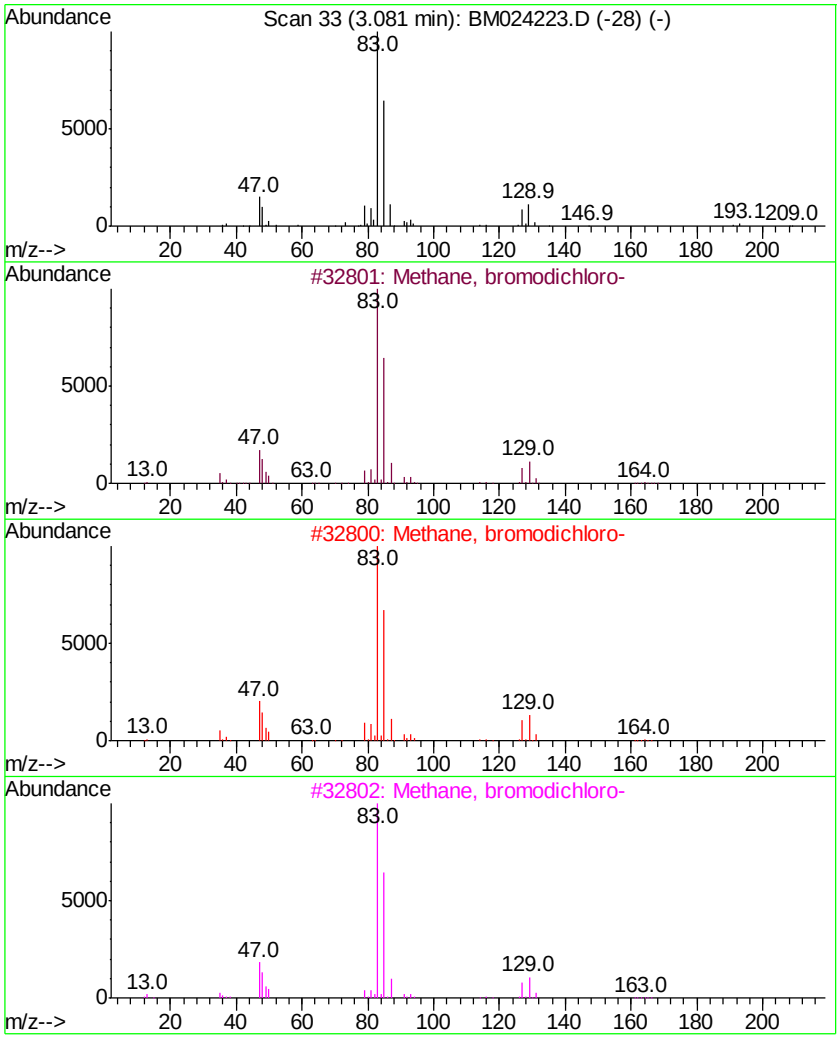
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

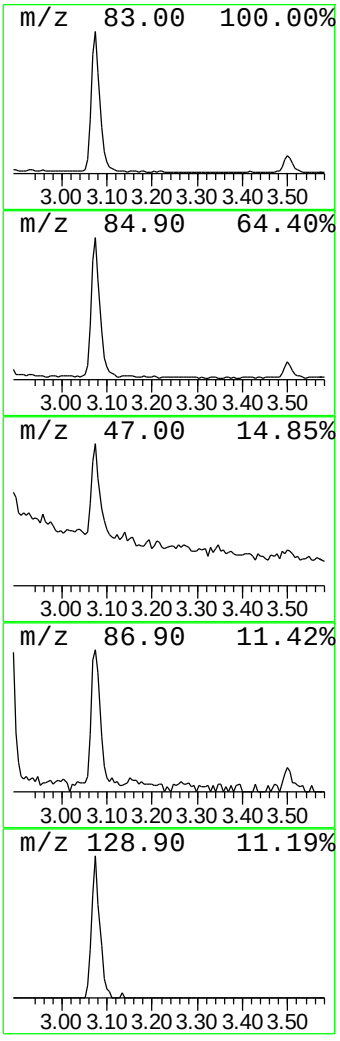
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	5.06 ng/ul	336983	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	94
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	91
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
4	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	50
5	Trichloromethane	118	CHCl3	000067-66-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

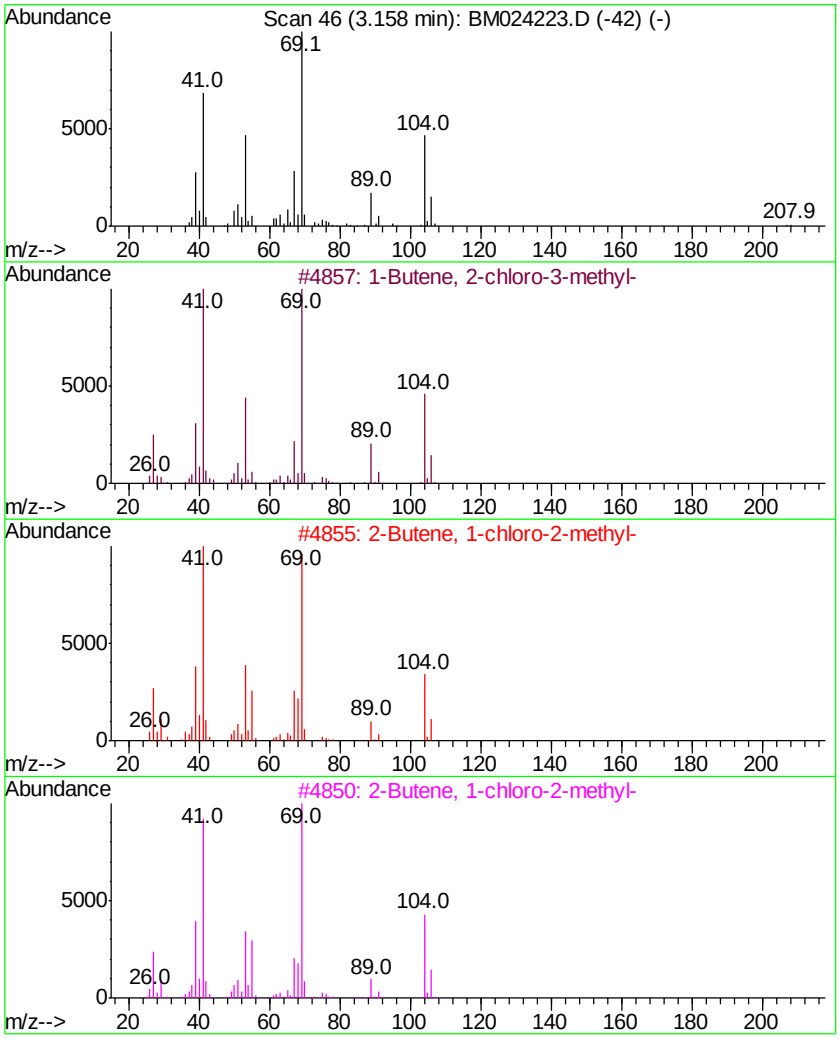
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

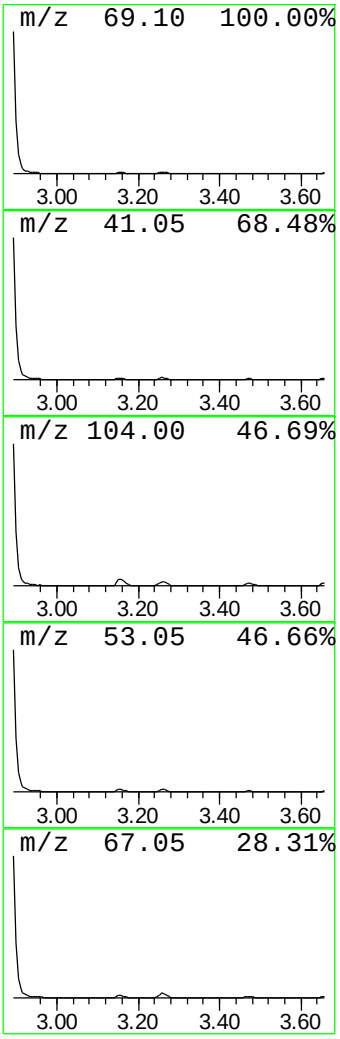
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Butene, 2-chloro-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	4.17 ng/ul	277839	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	90
2	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	86
3	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	83
4	2-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-65-8	70
5	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

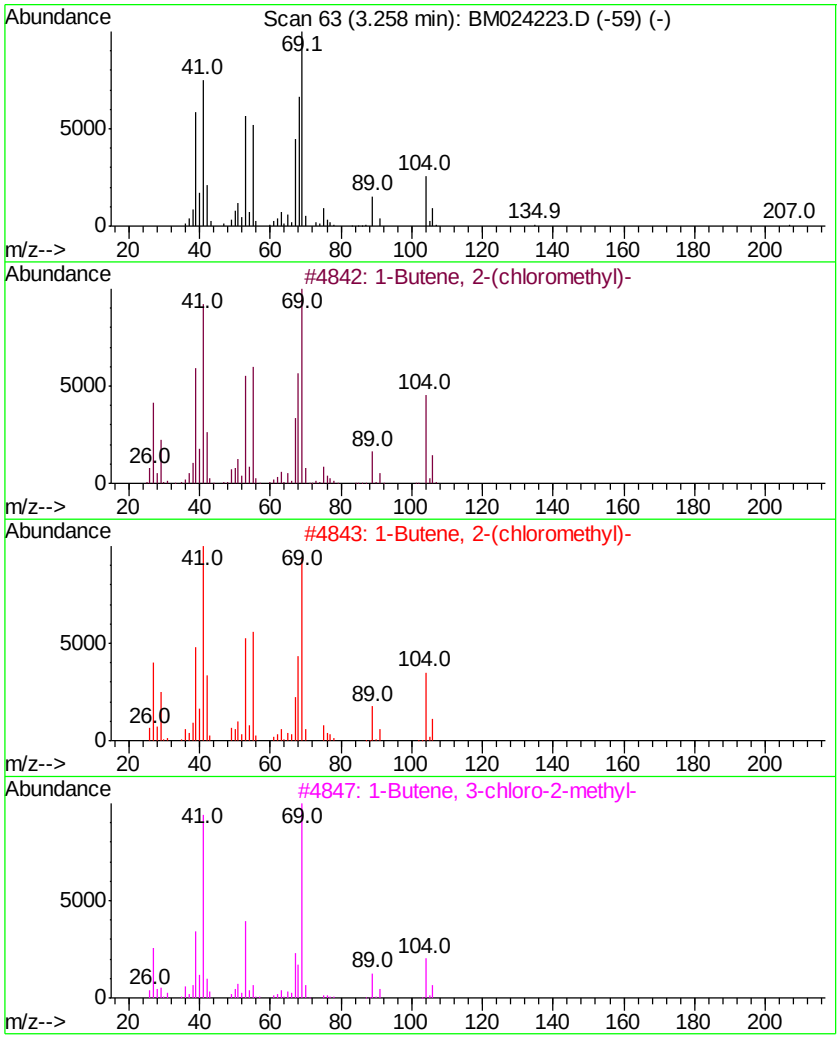
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

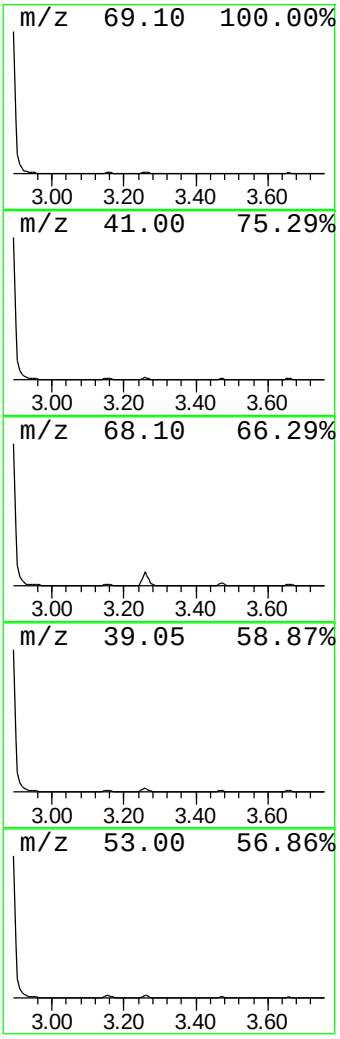
****

Peak Number 3 1-Butene, 2-(chloromethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	5.56 ng/ul	370297	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	91
2	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	83
3	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	64
4	1,2-Butadiene, 3-methyl-	68	C5H8	000598-25-4	60
5	1,2-Pentadiene	68	C5H8	000591-95-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

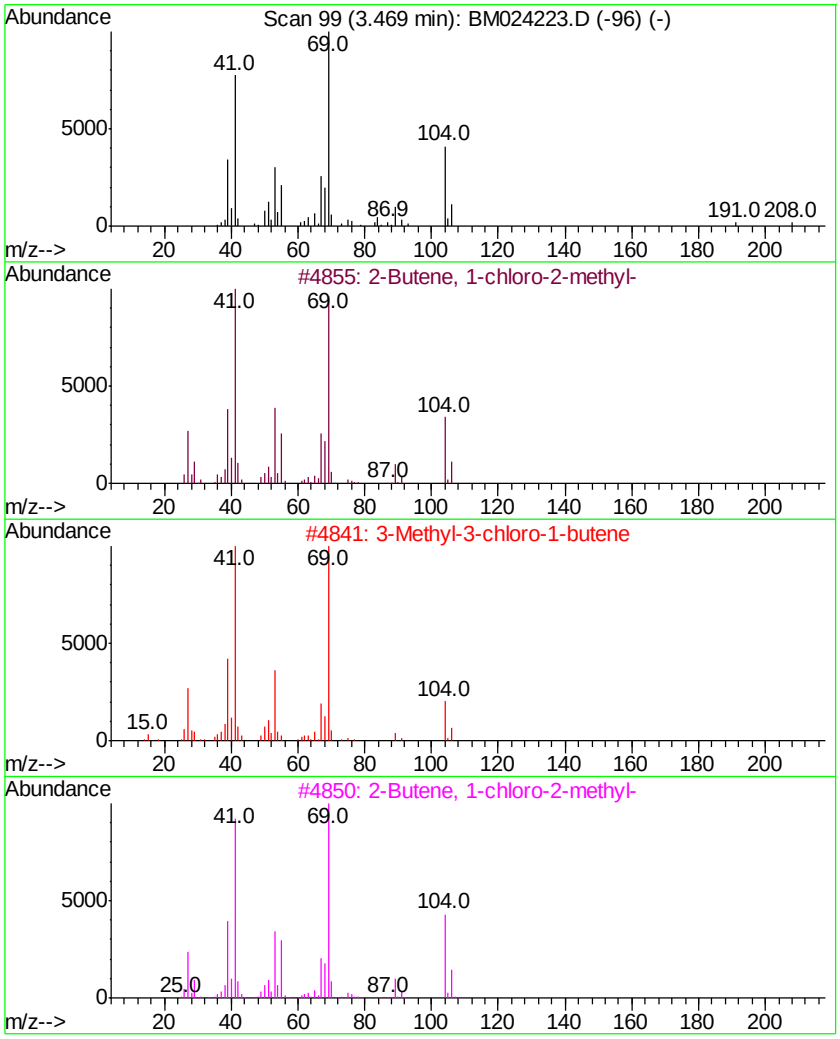
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

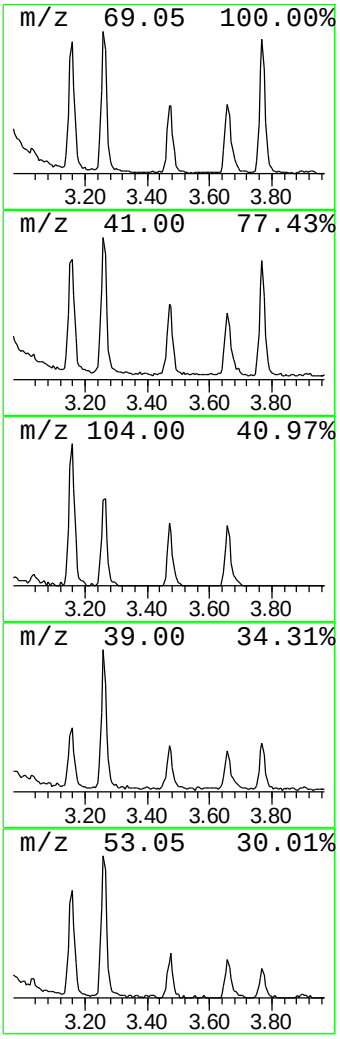
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butene, 1-chloro-2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	2.43 ng/ul	161495	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	87
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	86
3	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	83
4	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	80
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

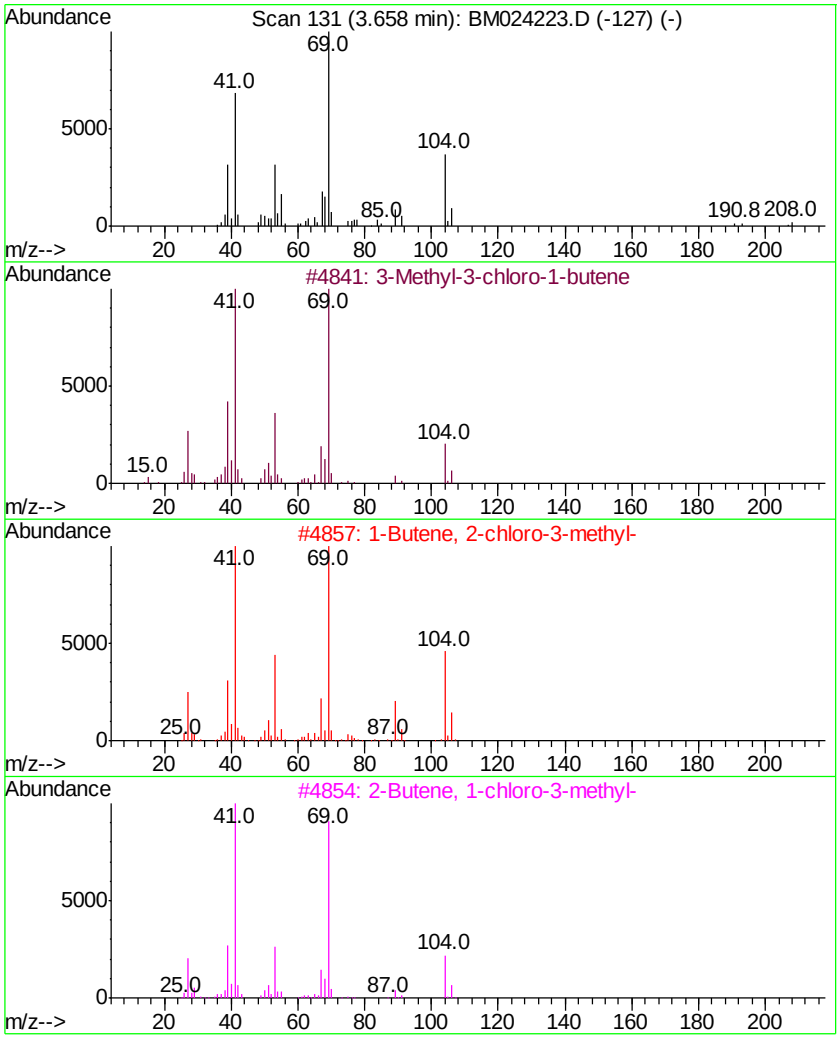
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

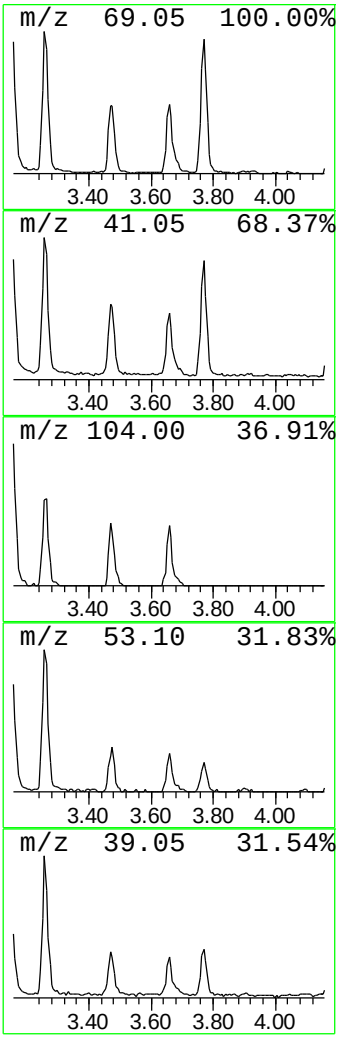
****

Peak Number 5 3-Methyl-3-chloro-1-butene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	2.51 ng/ul	167043	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	87
2	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	83
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	78
4	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	72
5	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	64





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

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Quant Title : SVOA CALIBRATION

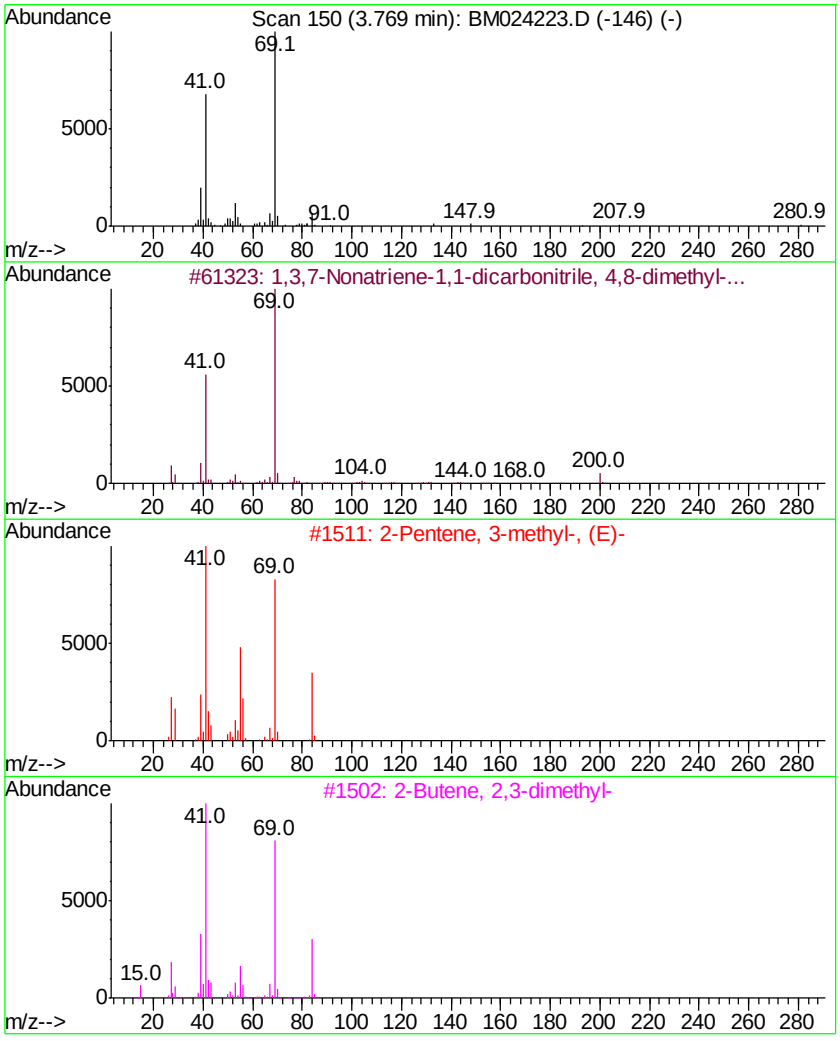
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

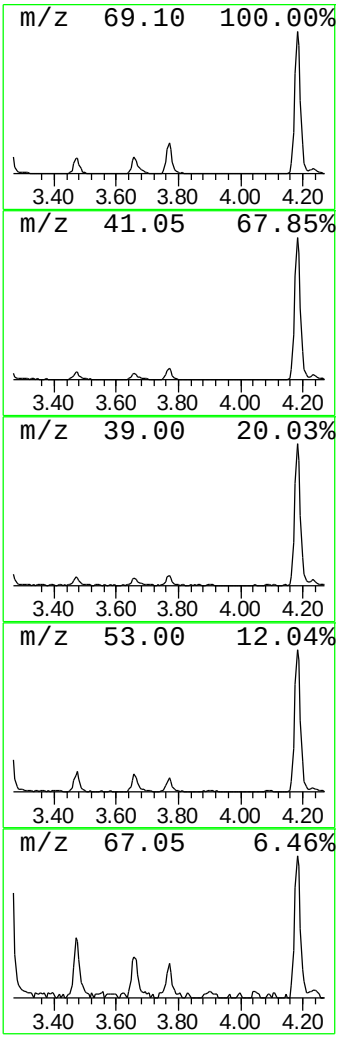
****

Peak Number 6 1,3,7-Nonatriene-1,1-dicarb... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	2.00 ng/ul	133127	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Nonatriene-1,1-dicarbonitr...	200	C13H16N2	344401-84-9	59
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	50
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	50
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	50





Library Search Compound Report

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Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

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Quant Title : SVOA CALIBRATION

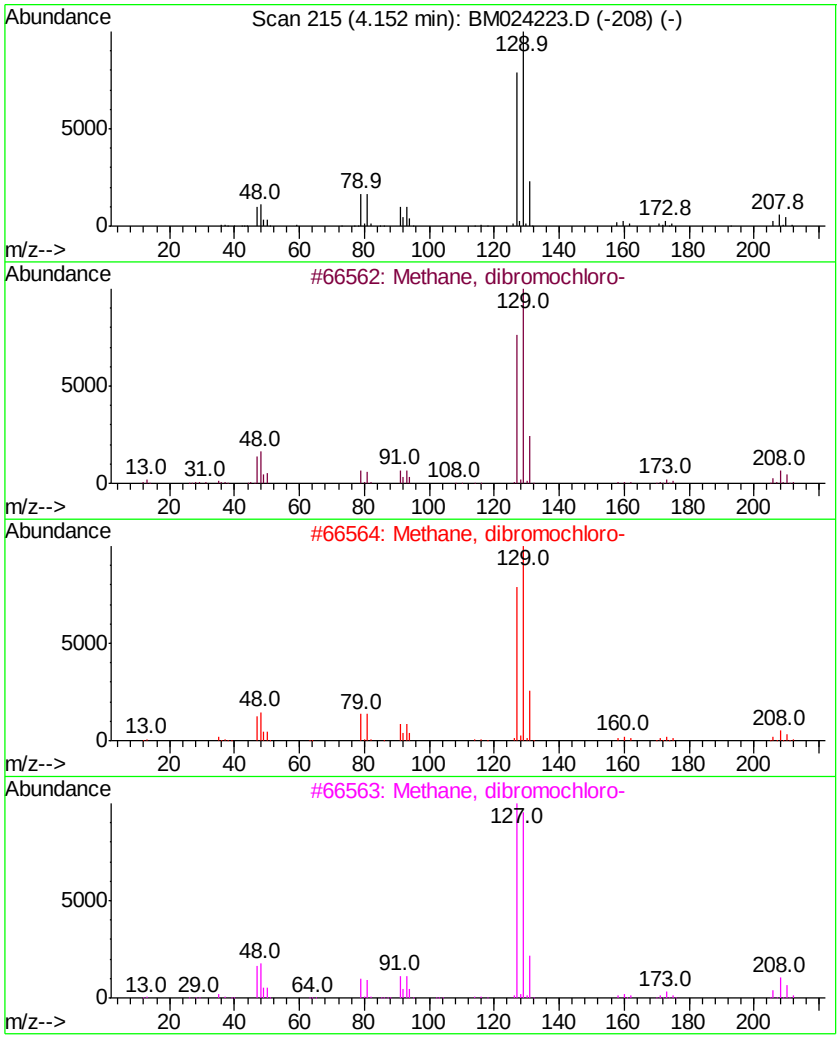
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

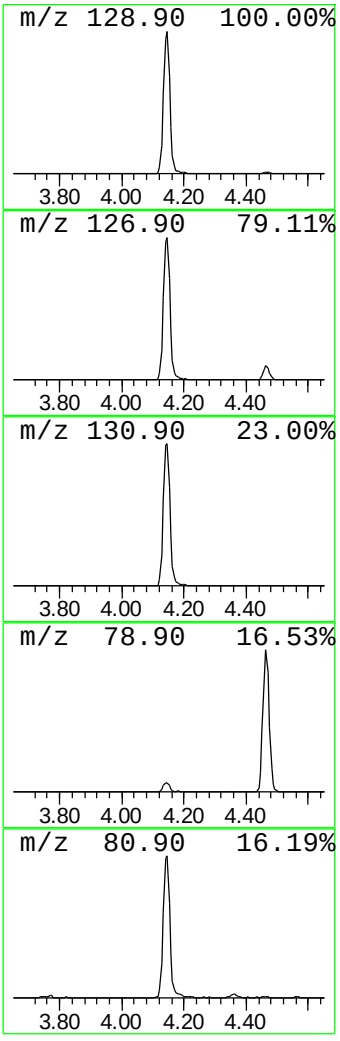
****

Peak Number 7 Methane, dibromochloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	17.17 ng/ul	1142860	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	98
2	Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	96
3	Methane, dibromochloro-	206	CHBr2Cl	000124-48-1	94
4	Bromochloronitromethane	173	CHBrClNO2	135531-25-8	78
5	Methane, dibromodifluoro-	208	CBr2F2	000075-61-6	10





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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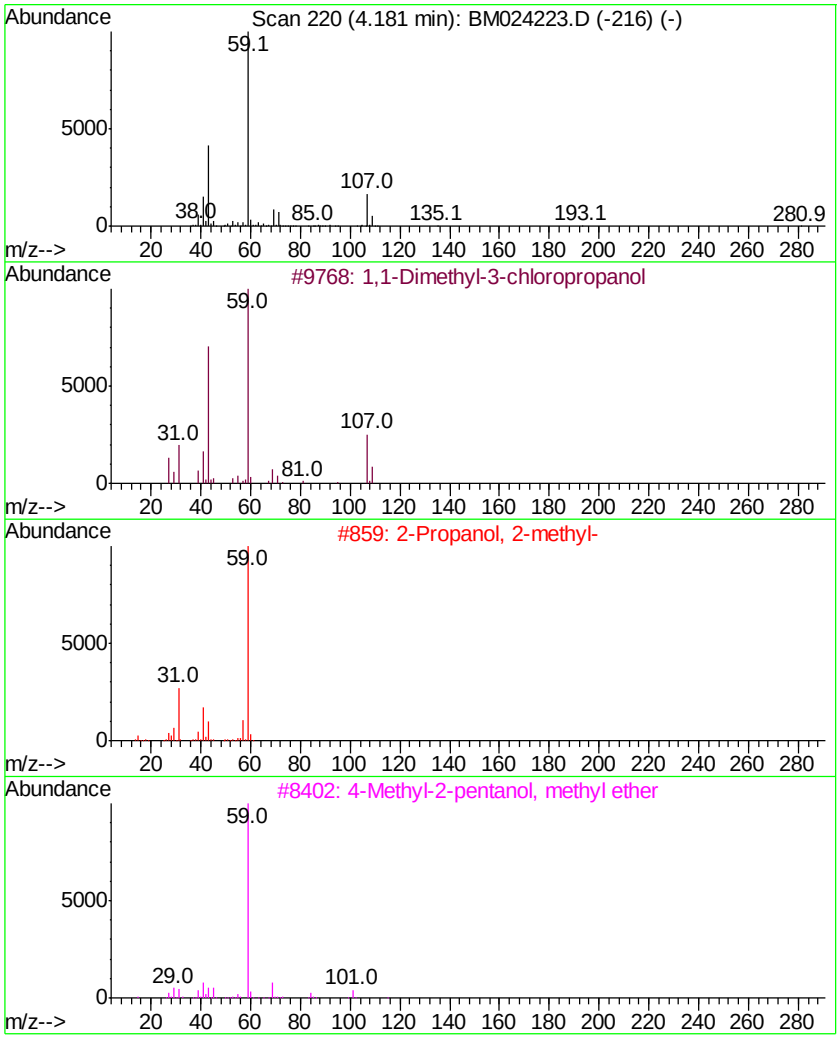
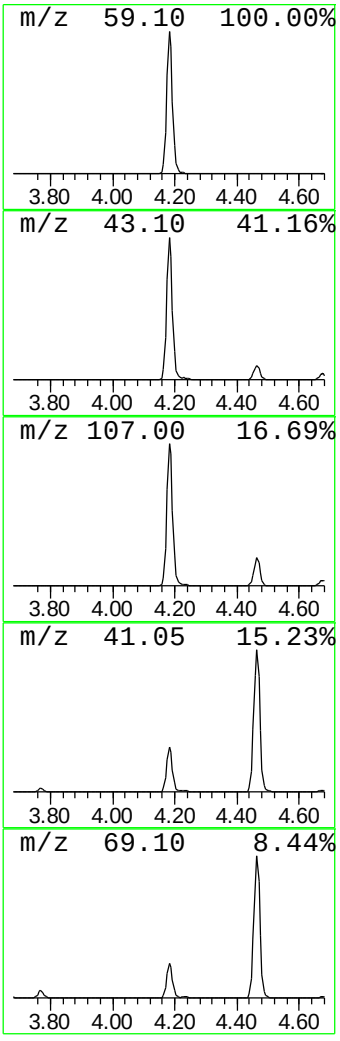
Peak Number 8 1,1-Dimethyl-3-chloropropanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	103.85 ng/ul	6911890	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	74
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
3	4-Methyl-2-pentanol, methyl ether	116	C7H16O	1000333-93-5	38
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	38





Library Search Compound Report

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Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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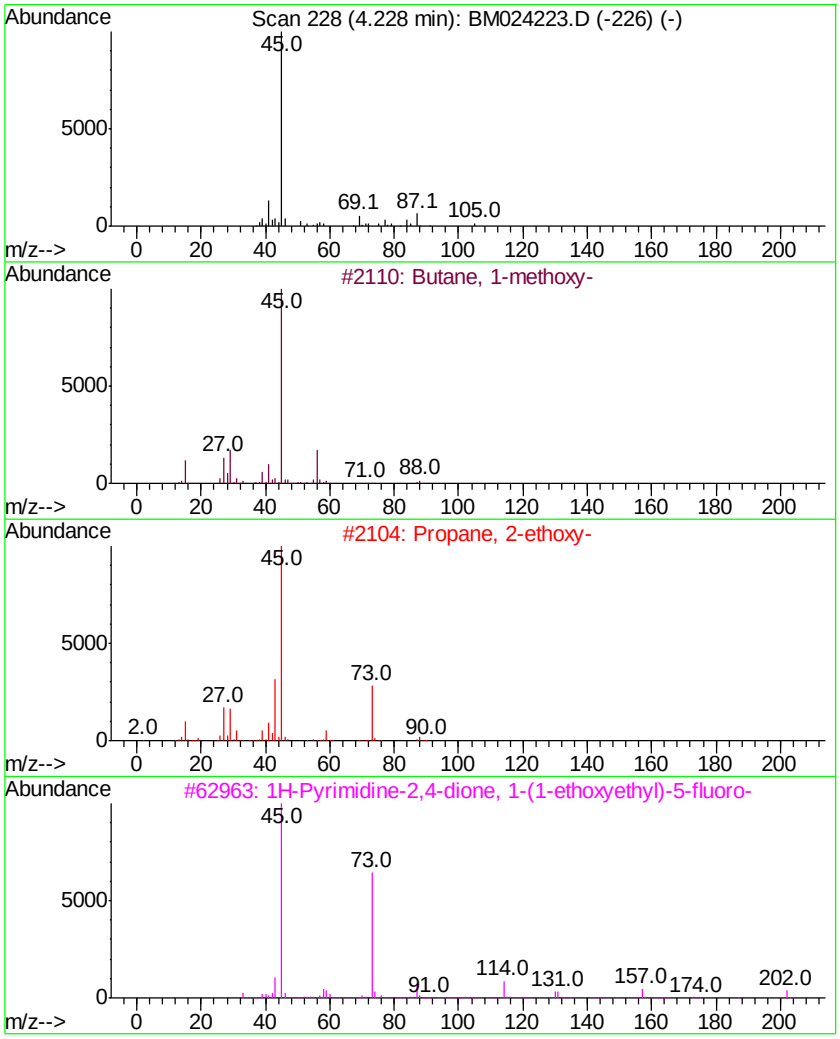
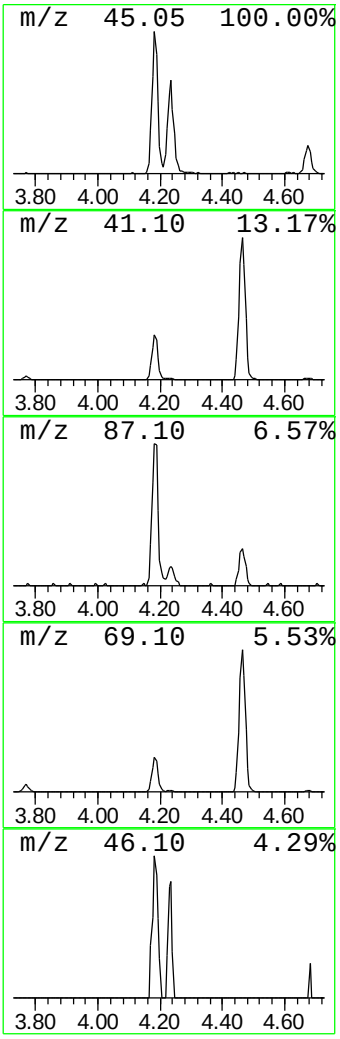
Peak Number 9 Butane, 1-methoxy- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	2.39 ng/ul	158838	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-methoxy-	88	C5H12O	000628-28-4	50
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	50
3	1H-Pyrimidine-2,4-dione, 1-(1-et...	202	C8H11FN2O3	1000310-13-3	40
4	2-Hexanol	102	C6H14O	000626-93-7	40
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	39





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

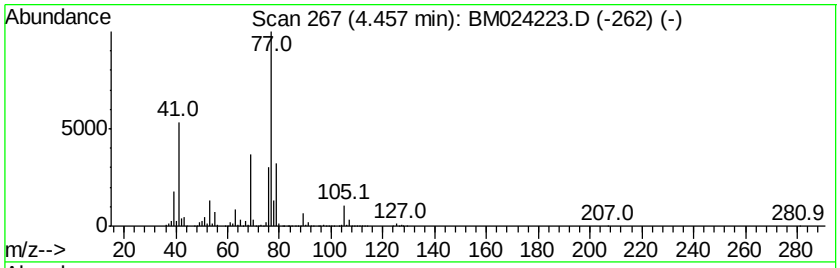
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

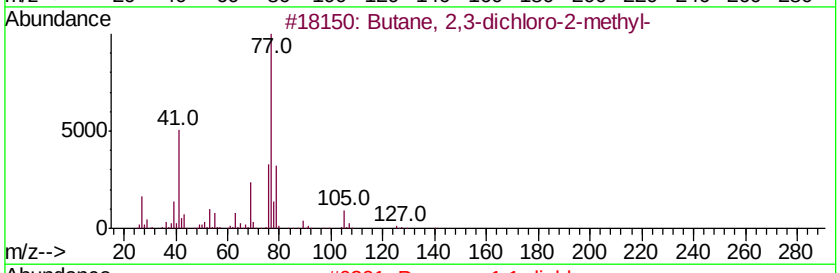
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

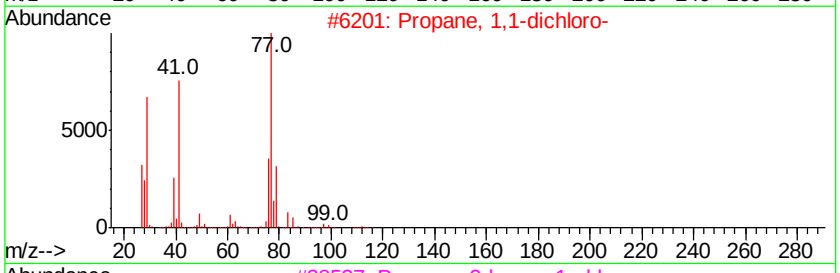
****
Peak Number 10 Butane, 2,3-dichloro-2-methyl- Concentration Rank 1

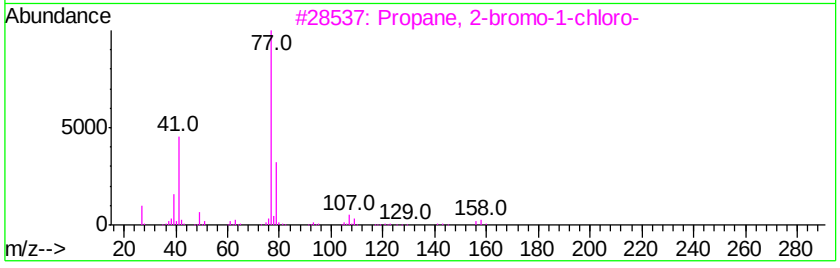
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	165.86 ng/ul	11038800	1,4-Dichlorobenzene-d4	7.43

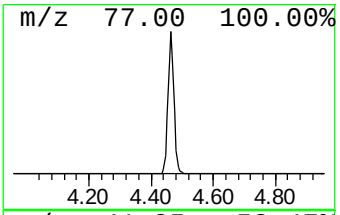
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	90
2	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	59
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	33
4	trans-1-Chloropropene	76	C3H5Cl	016136-85-9	9
5	Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9

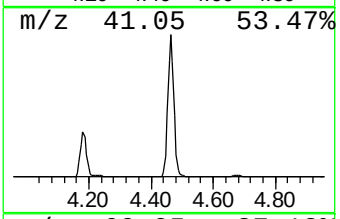


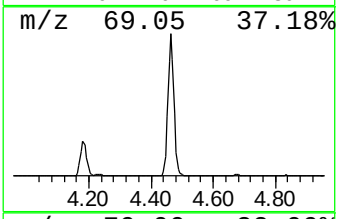


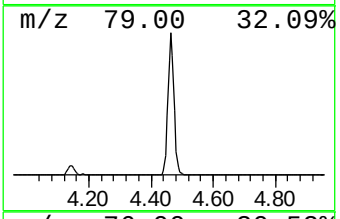


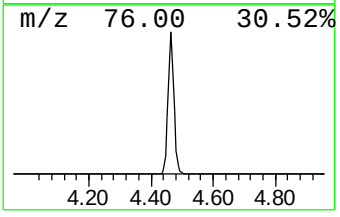












Library Search Compound Report

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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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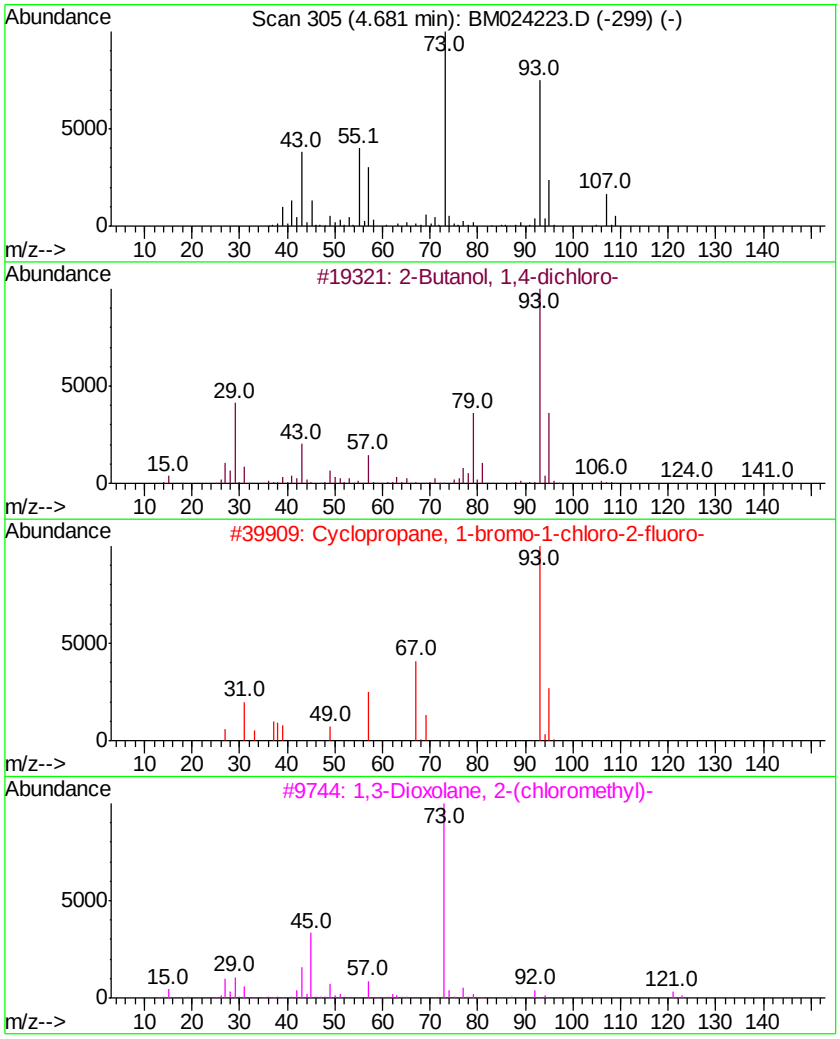
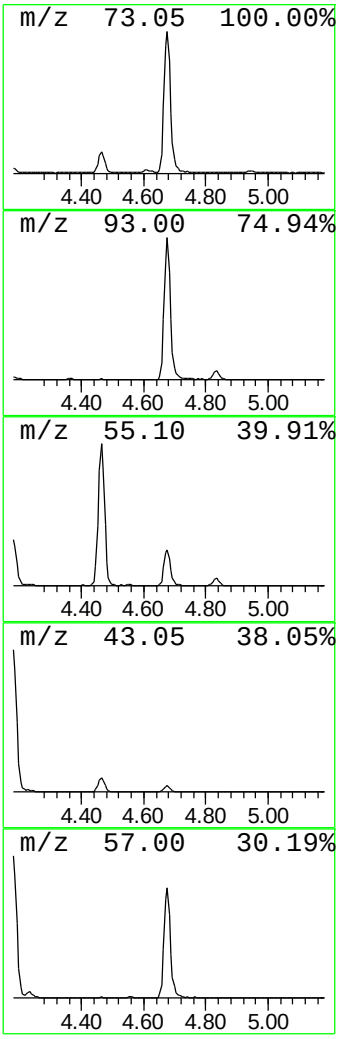
Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	9.14 ng/ul	607996	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 1,4-dichloro-	142	C4H8Cl2O	002419-74-1	42
2	Cyclopropane, 1-bromo-1-chloro-2...	172	C3H3BrClF	024071-59-8	33
3	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9
4	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	9
5	3,5-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-46-6	9





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Sample : K6200-04
Misc :
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Instrument : BNA_M
ClientSampleId : BFF08

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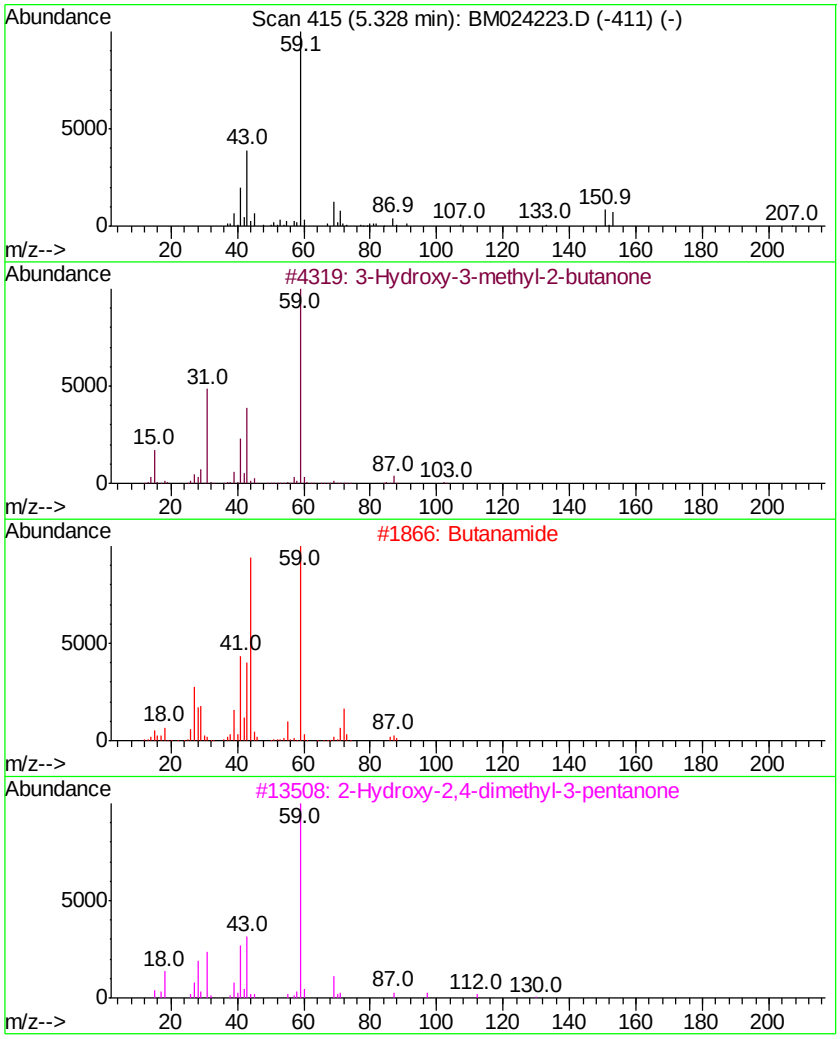
Quant Title : SVOA CALIBRATION

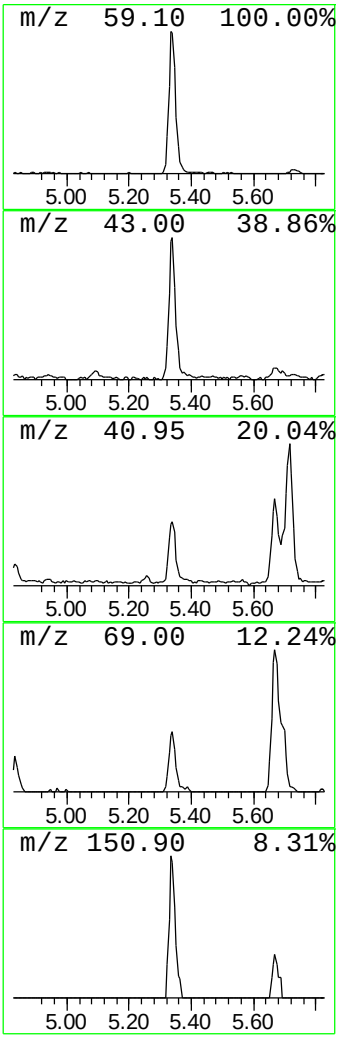
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3-Hydroxy-3-methyl-2-butanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	3.74 ng/ul	249077	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	53
2	Butanamide	87	C4H9NO	000541-35-5	53
3	2-Hydroxy-2,4-dimethyl-3-pentanone	130	C7H14O2	003212-67-7	50
4	2-Methyl-3-bromo-2-butanol	166	C5H11BrO	002588-77-4	47
5	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	45





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Sample : K6200-04
Misc :
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Instrument : BNA_M
ClientSampleId : BFF08

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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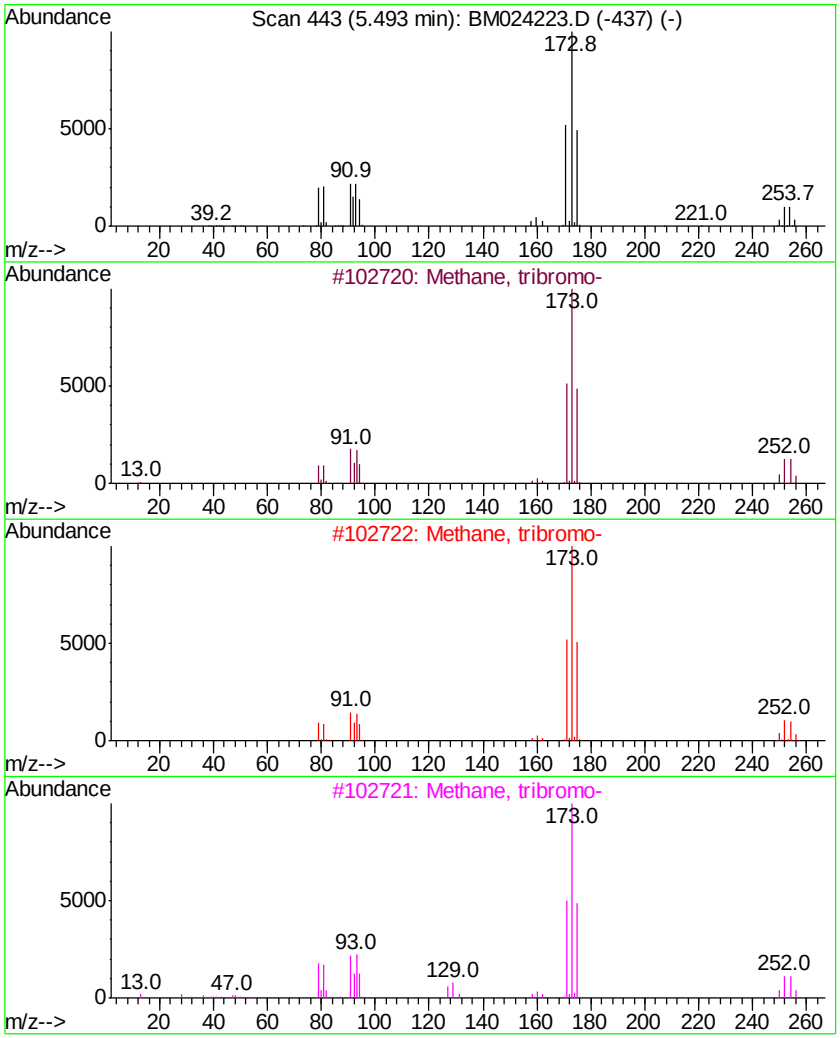
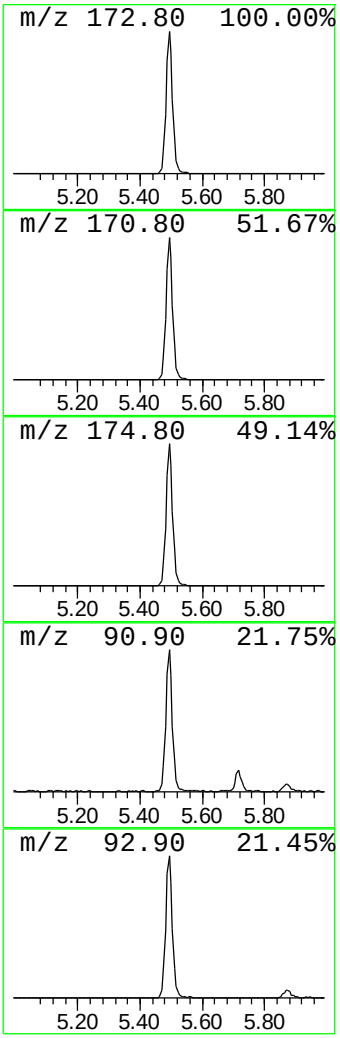
Peak Number 13 Methane, tribromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	27.12 ng/ul	1805020	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, tribromo-	250	CHBr3	000075-25-2	97
2	Methane, tribromo-	250	CHBr3	000075-25-2	96
3	Methane, tribromo-	250	CHBr3	000075-25-2	95
4	Methane, tribromo-	250	CHBr3	000075-25-2	93
5	Tribromoacetic acid	294	C2HBr3O2	000075-96-7	86





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Misc :
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Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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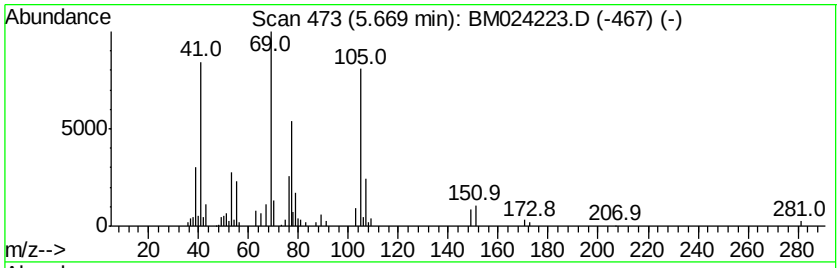
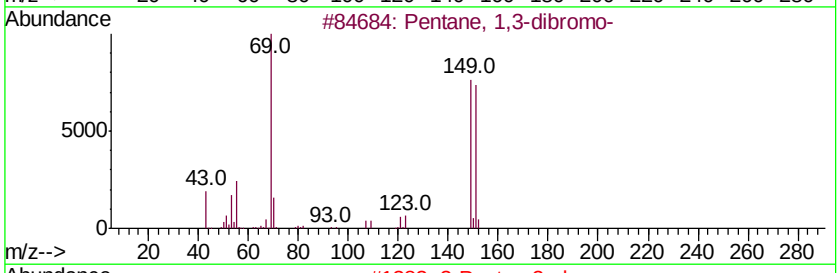
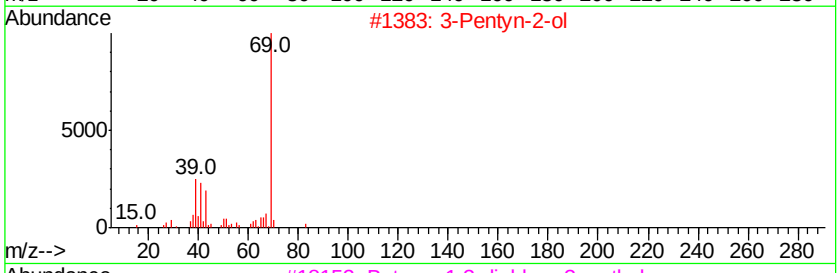
Peak Number 14 unknown-02 Concentration Rank 29

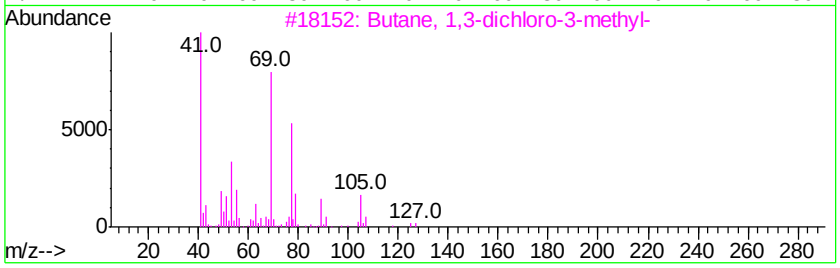
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	2.86 ng/ul	190019	1,4-Dichlorobenzene-d4	7.43

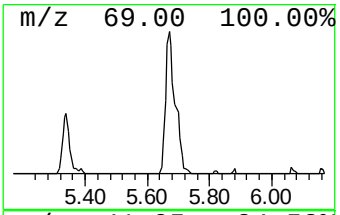
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1,3-dibromo-	228	C5H10Br2	042474-20-4	35
2	3-Pentyn-2-ol	84	C5H8O	027301-54-8	22
3	Butane, 1,3-dichloro-3-methyl-	140	C5H10Cl2	000624-96-4	16
4	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	12
5	2-Propenoic acid, 2-methyl-, 1,2...	198	C10H14O4	000097-90-5	12

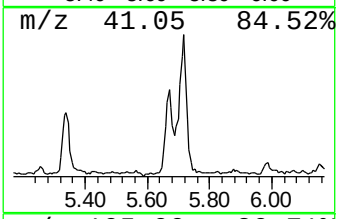


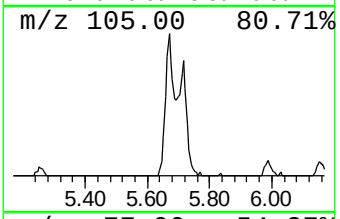


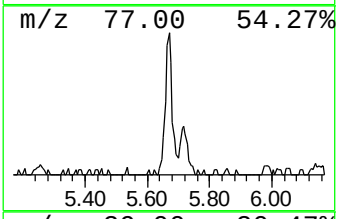


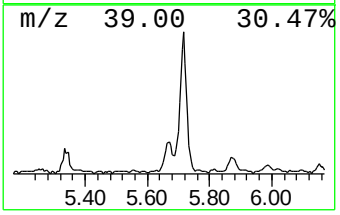












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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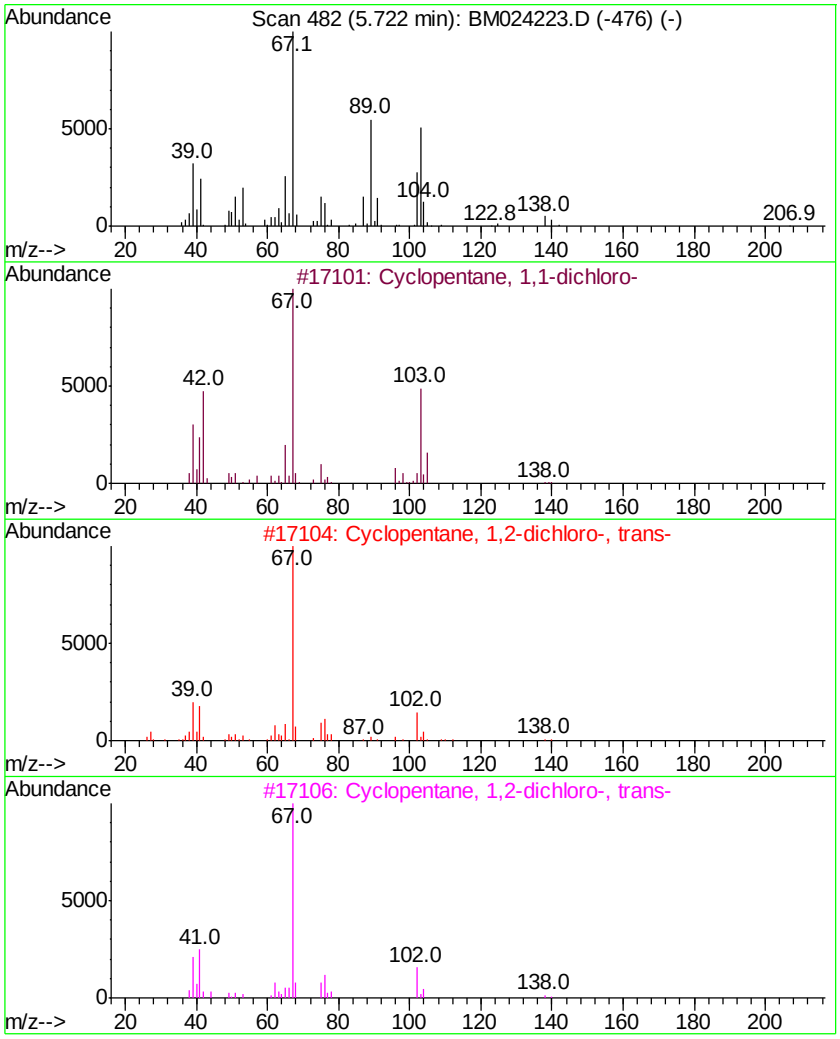
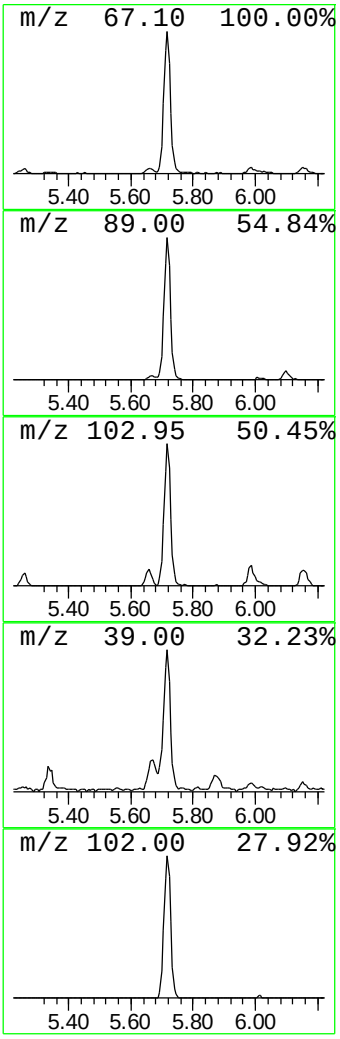
Peak Number 15 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	9.10 ng/ul	605664	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dichloro-	138	C5H8Cl2	031038-06-9	47
2	Cyclopentane, 1,2-dichloro-, trans-	138	C5H8Cl2	014376-81-9	43
3	Cyclopentane, 1,2-dichloro-, trans-	138	C5H8Cl2	014376-81-9	43
4	Cyclopentene, 1-chloro-	102	C5H7Cl	000930-29-0	43
5	1-Butyne, 3-chloro-3-methyl-	102	C5H7Cl	001111-97-3	32





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

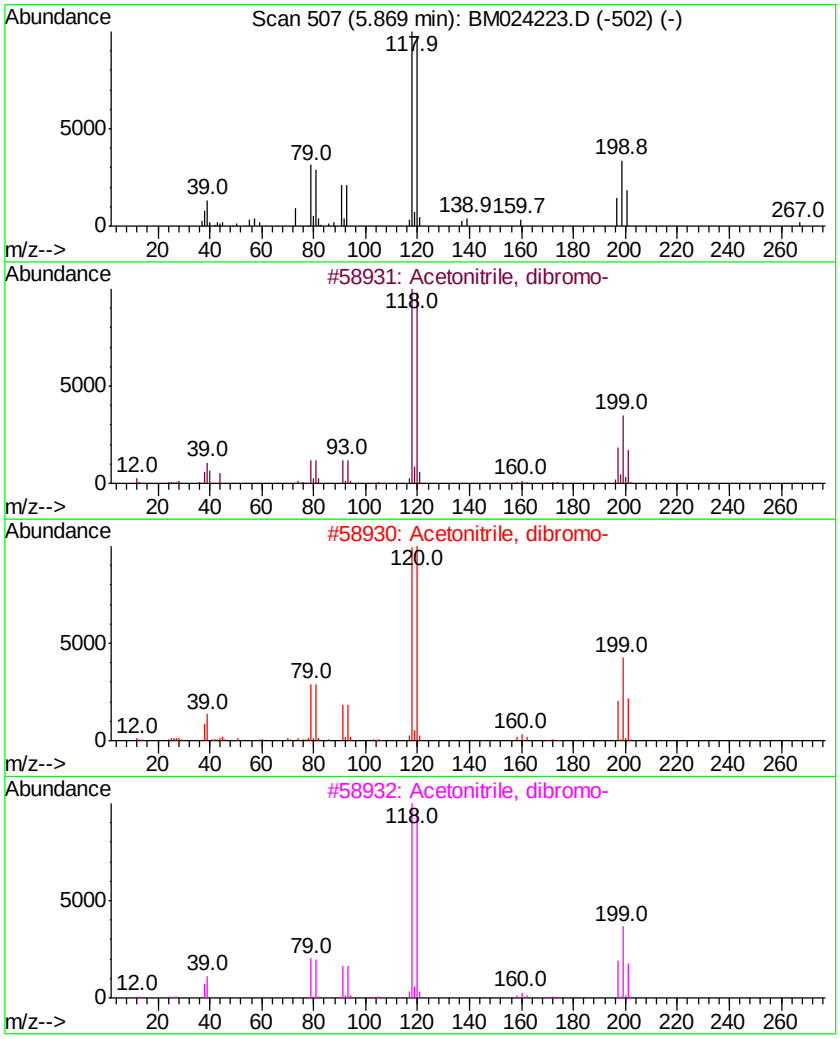
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

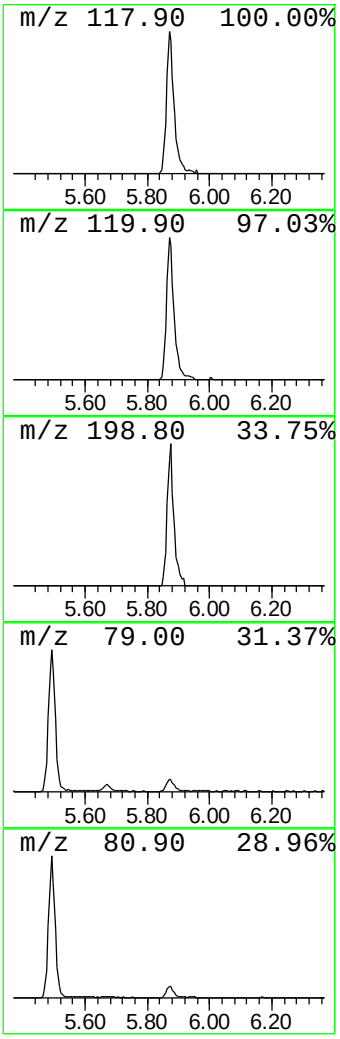
****

Peak Number 16 Acetonitrile, dibromo- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	2.39 ng/ul	159038	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dibromo-	197	C2HBr2N	003252-43-5	93
2	Acetonitrile, dibromo-	197	C2HBr2N	003252-43-5	91
3	Acetonitrile, dibromo-	197	C2HBr2N	003252-43-5	91
4	Stannane, dibutyl-	236	C8H20Sn	001002-53-5	28
5	Methanesulfonothioic acid, S,S'-...	278	C6H14O4S4	000055-99-2	27





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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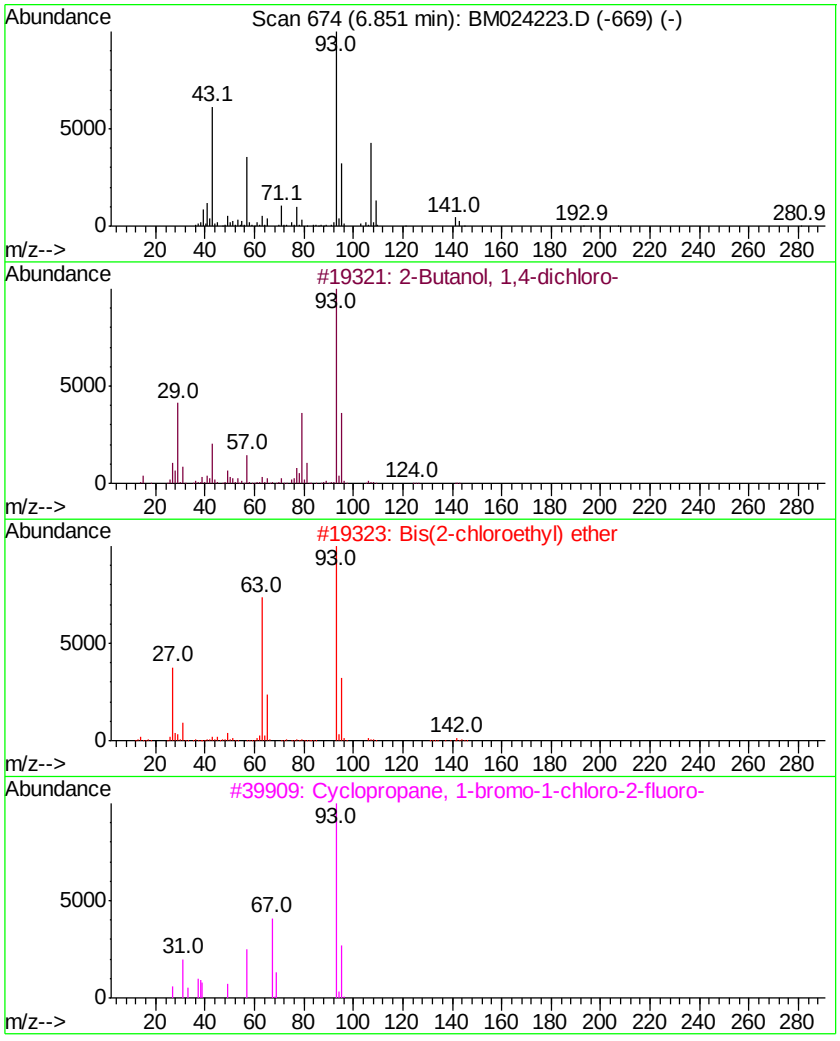
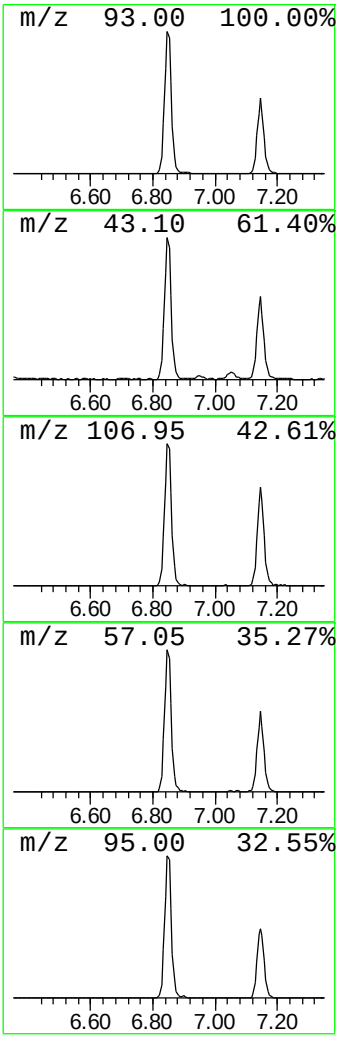
Peak Number 17 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	12.83 ng/ul	853594	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 1,4-dichloro-	142	C4H8Cl2O	002419-74-1	47
2	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	38
3	Cyclopropane, 1-bromo-1-chloro-2...	172	C3H3BrClF	024071-59-8	25
4	Silane, chlorotrimethyl-	108	C3H9ClSi	000075-77-4	9
5	Silane, chlorotrimethyl-	108	C3H9ClSi	000075-77-4	9





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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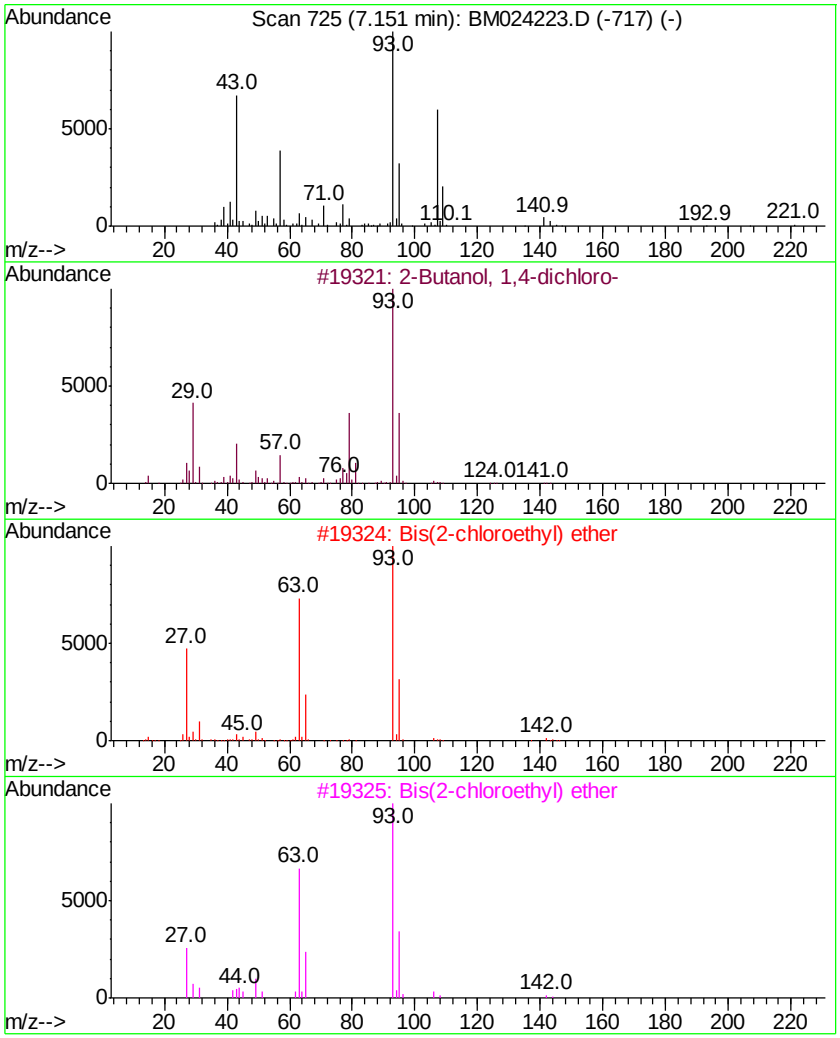
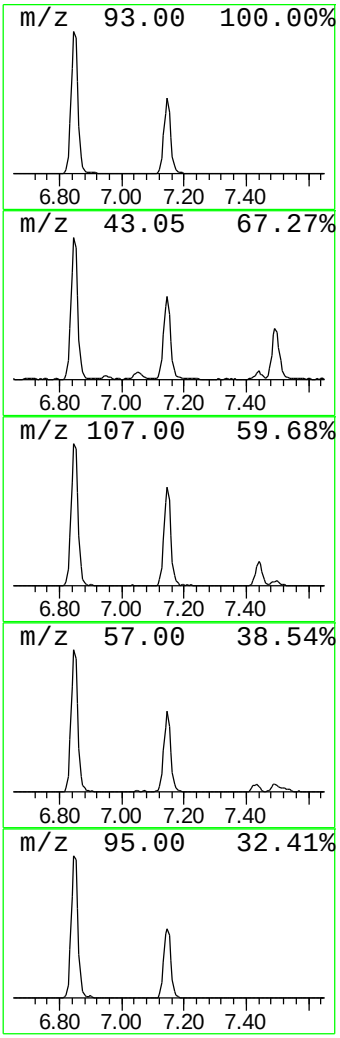
Peak Number 18 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	7.25 ng/ul	482286	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 1,4-dichloro-	142	C4H8Cl2O	002419-74-1	40
2	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	25
3	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	25
4	Methane, bis(2-chloroethoxy)-	172	C5H10Cl2O2	000111-91-1	23
5	Silane, chlorotrimethyl-	108	C3H9ClSi	000075-77-4	10





Library Search Compound Report

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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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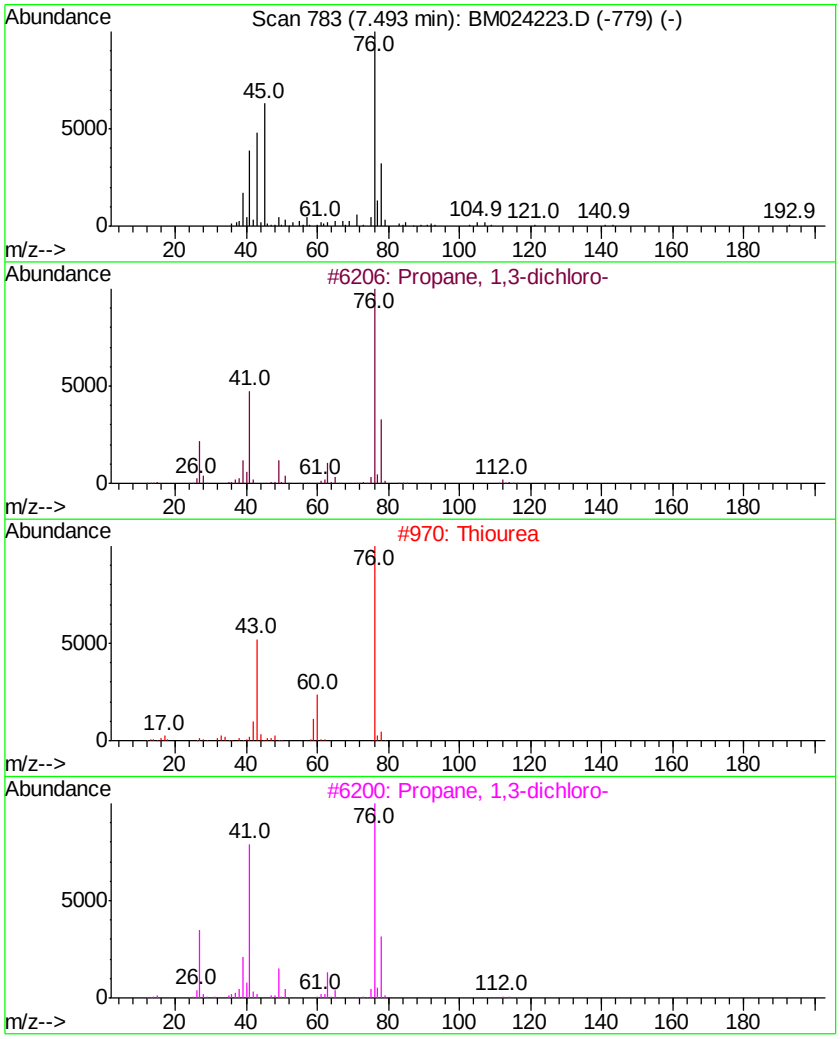
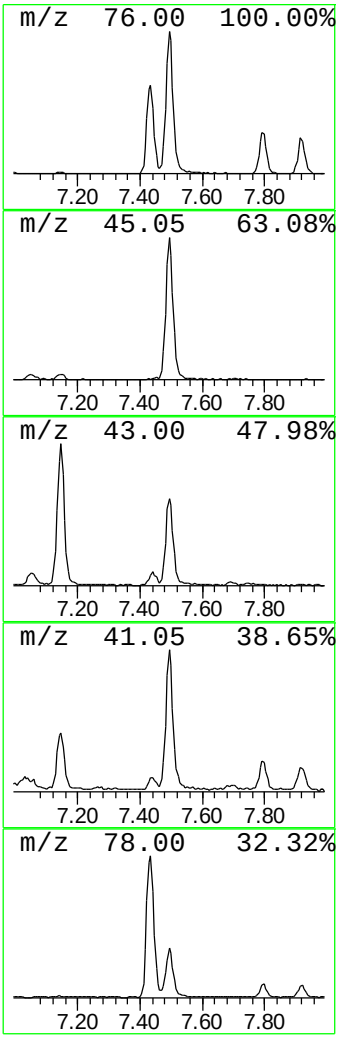
Peak Number 19 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	6.04 ng/ul	401837	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	40
2	Thiourea	76	CH4N2S	000062-56-6	9
3	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	9
4	DL-Tartaric acid	150	C4H6O6	000133-37-9	9
5	Butanedioic acid, 2,3-dihydroxy-...	150	C4H6O6	000147-71-7	9





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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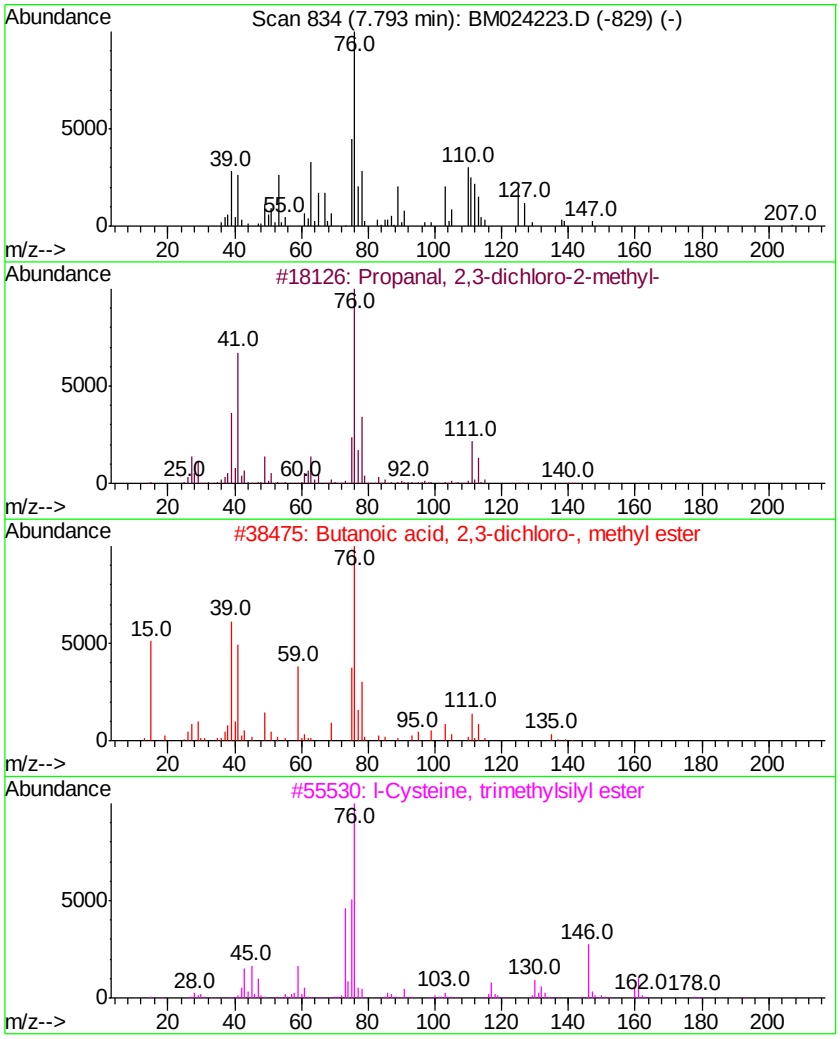
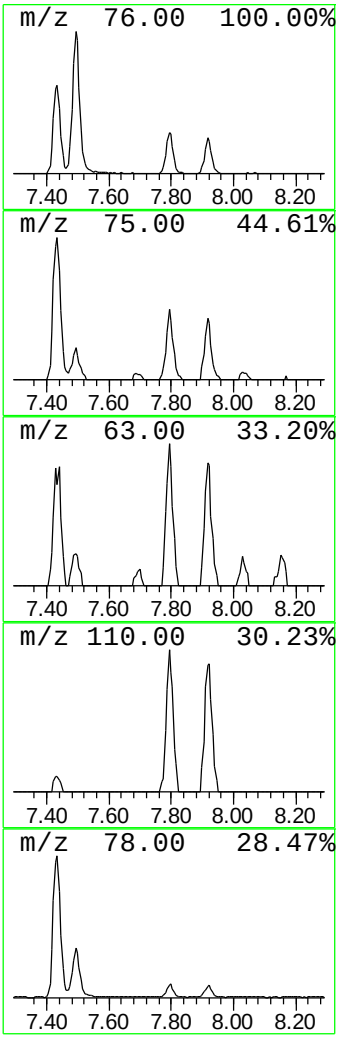
Peak Number 20 Propanal, 2,3-dichloro-2-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.71 ng/ul	180668	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	53
2	Butanoic acid, 2,3-dichloro-, me...	170	C5H8Cl2O2	054460-97-8	38
3	l-Cysteine, trimethylsilyl ester	193	C6H15NO2SSi	1000333-26-4	36
4	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	33
5	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	33





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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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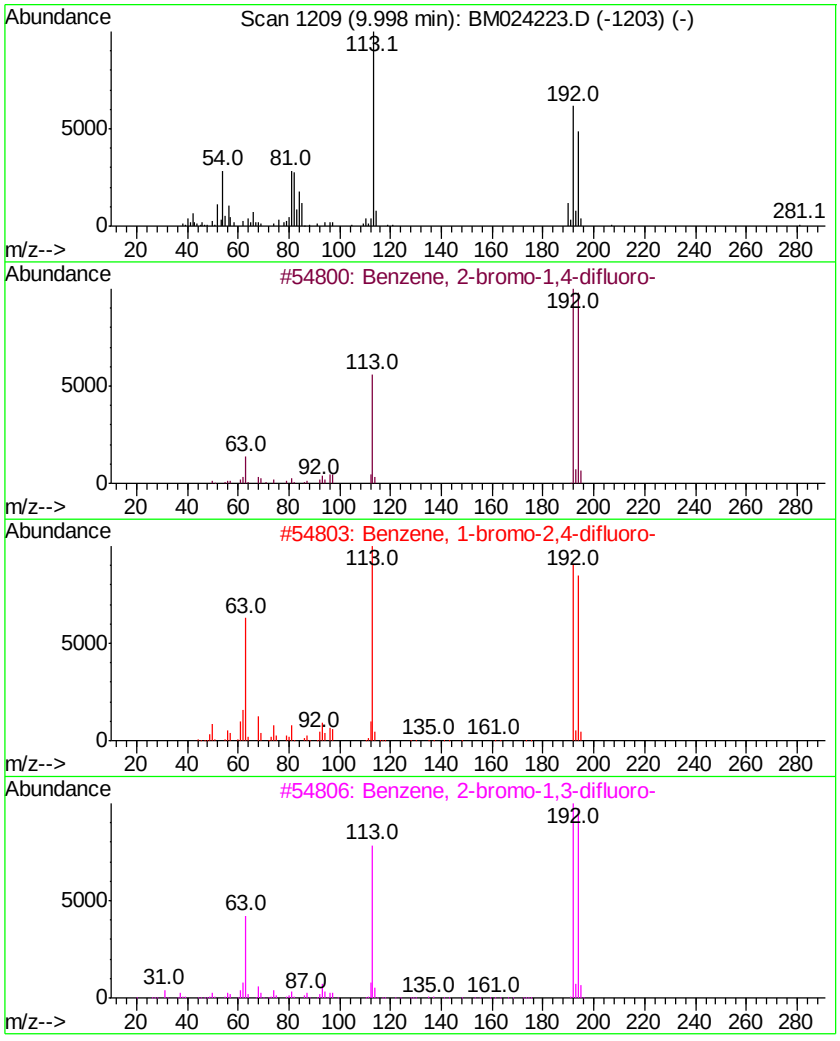
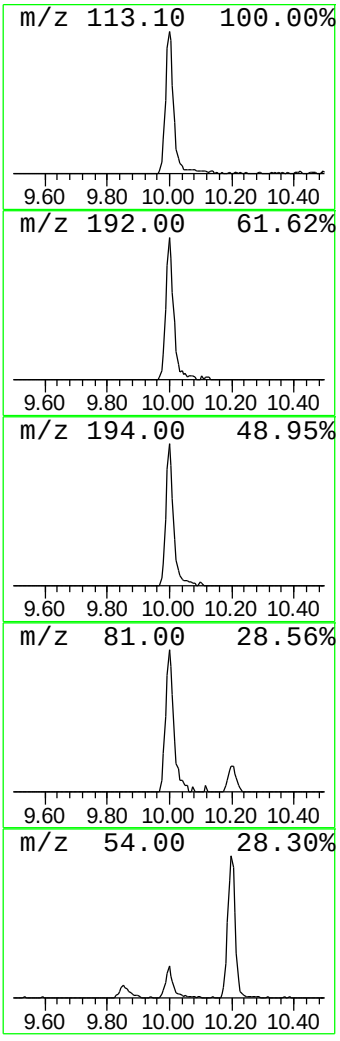
Peak Number 22 Benzene, 2-bromo-1,4-difluoro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.09 ng/ul	297505	Naphthalene-d8	10.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-bromo-1,4-difluoro-	192	C6H3BrF2	000399-94-0	58
2	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	53
3	Benzene, 2-bromo-1,3-difluoro-	192	C6H3BrF2	064248-56-2	53
4	1-Bromo-3,4-difluorobenzene	192	C6H3BrF2	000348-61-8	53
5	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	42





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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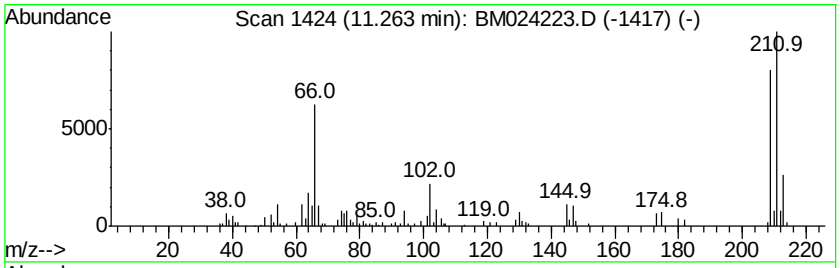
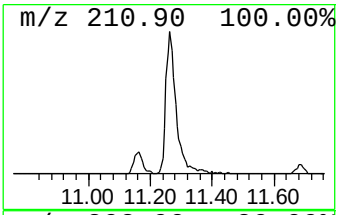
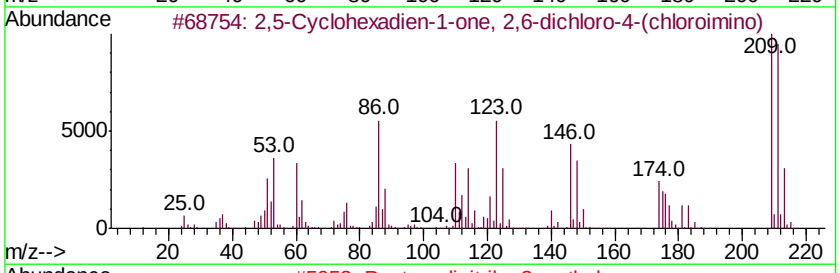
Peak Number 23 unknown-07 Concentration Rank 23

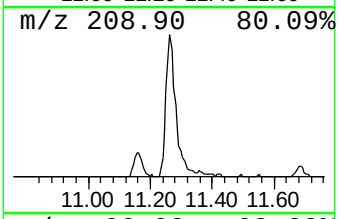
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.58 ng/ul	344481	Naphthalene-d8	10.20

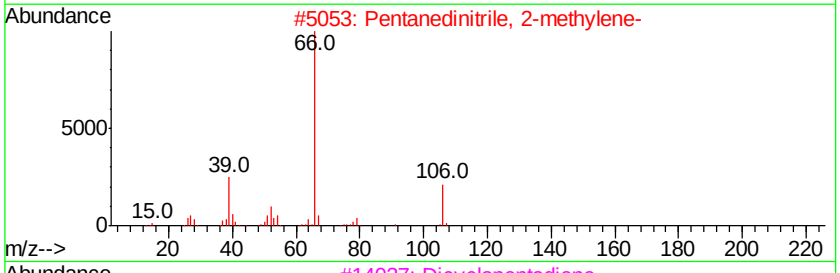
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 2,6-dic...	209	C6H2Cl3NO	000101-38-2	35
2	Pentanedinitrile, 2-methylene-	106	C6H6N2	001572-52-7	25
3	Dicyclopentadiene	132	C10H12	000077-73-6	25
4	4-Pentenoic acid, 5-(4-bromophen...	352	C17H21BrO3	302941-31-7	25
5	2-Norbornene	94	C7H10	000498-66-8	25

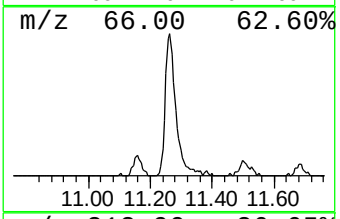


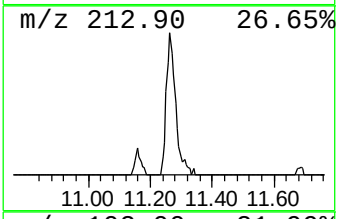


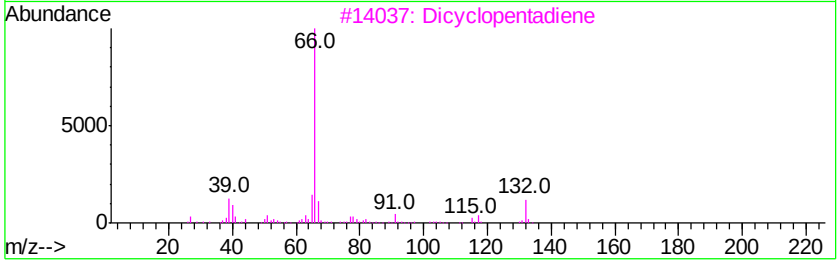


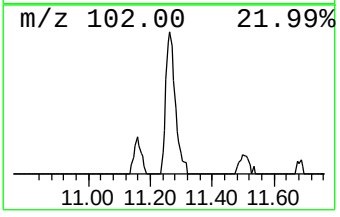












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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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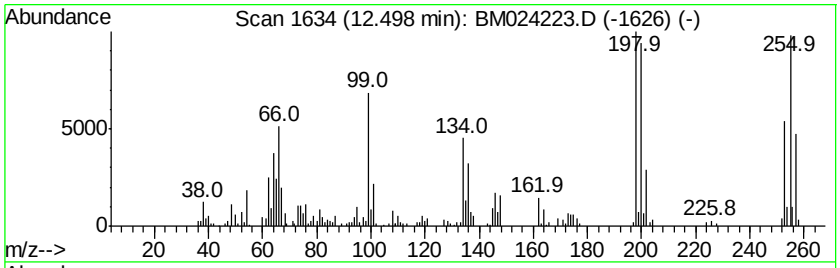
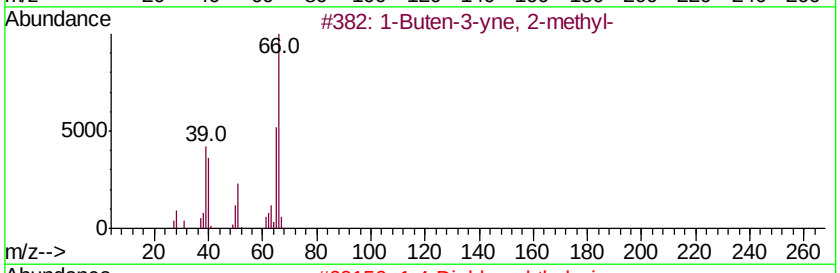
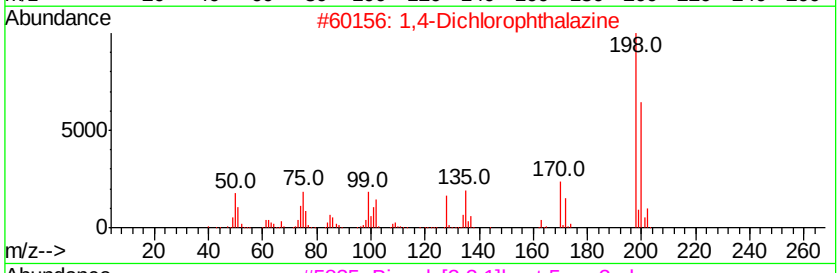
Peak Number 24 unknown-08 Concentration Rank 14

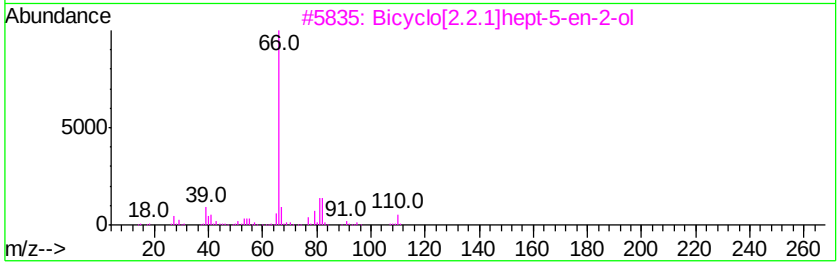
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.77 ng/ul	980145	Acenaphthene-d10	14.10

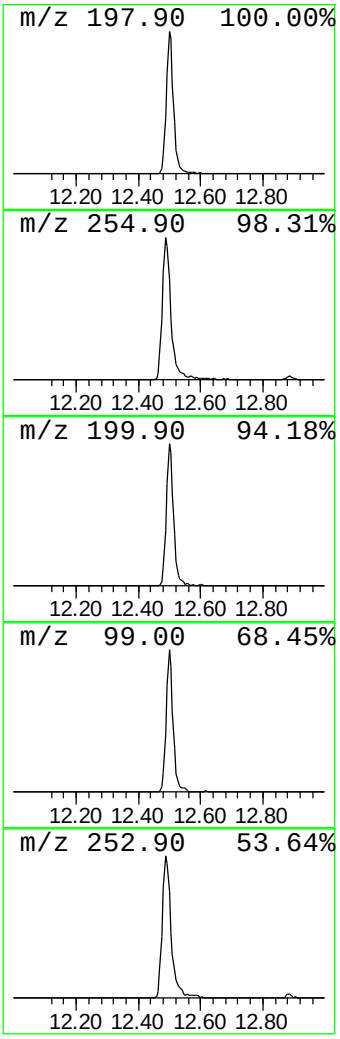
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	10
2	1,4-Dichlorophthalazine	198	C8H4Cl2N2	004752-10-7	10
3	Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	10
4	1,4-Dichlorophthalazine	198	C8H4Cl2N2	004752-10-7	10
5	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	10











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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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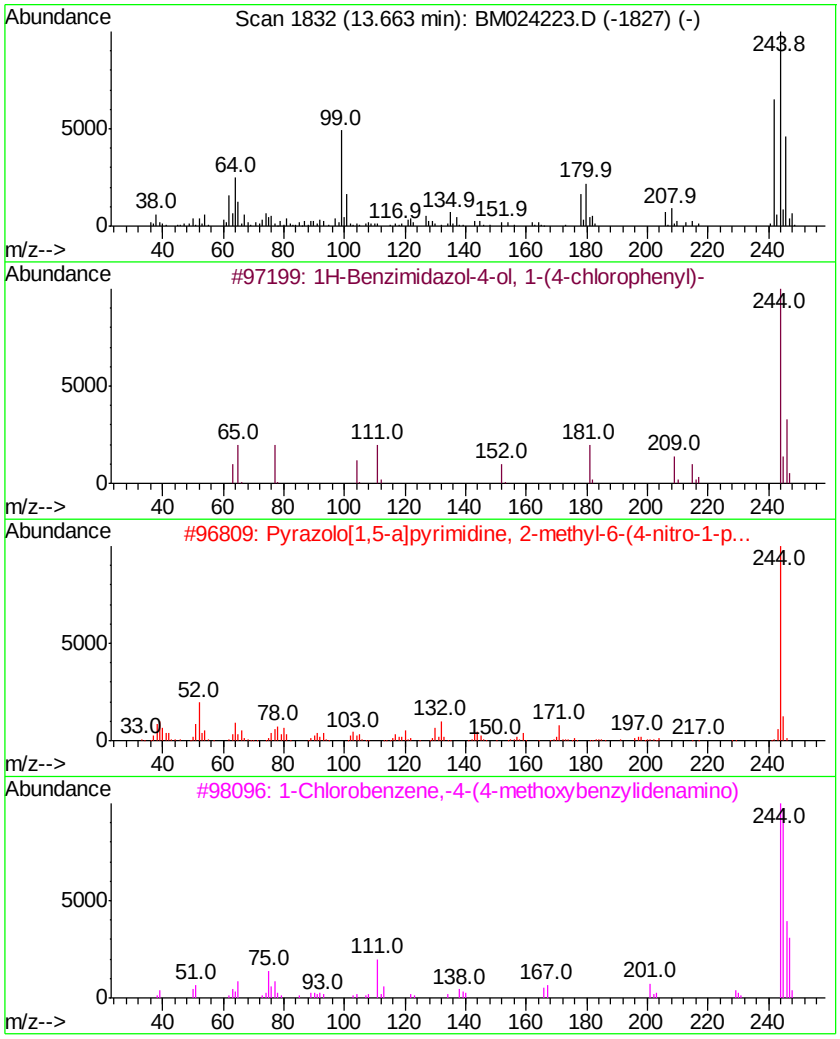
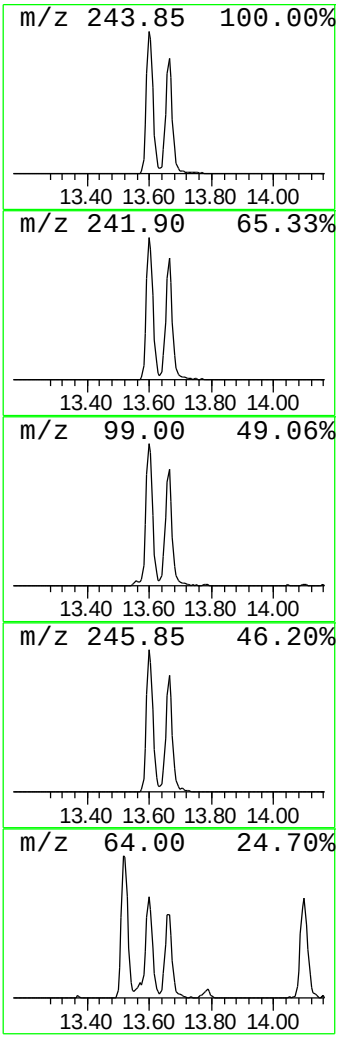
Peak Number 25 unknown-09 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.46 ng/ul	587706	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazol-4-ol, 1-(4-chlor...	244	C13H9ClN2O	054986-46-8	17
2	Pyrazolo[1,5-a]pyrimidine, 2-met...	244	C10H8N6O2	1000264-20-6	14
3	1-Chlorobenzene,-4-(4-methoxyben...	245	C14H12ClNO	1000221-92-4	12
4	Ferrocene, (3-hydroxypropyl)-	244	C13H16FeO	012093-88-8	10
5	2H-1-Benzopyran-2-one, 3-(2-amin...	244	C12H8N2O2S	061636-28-0	9





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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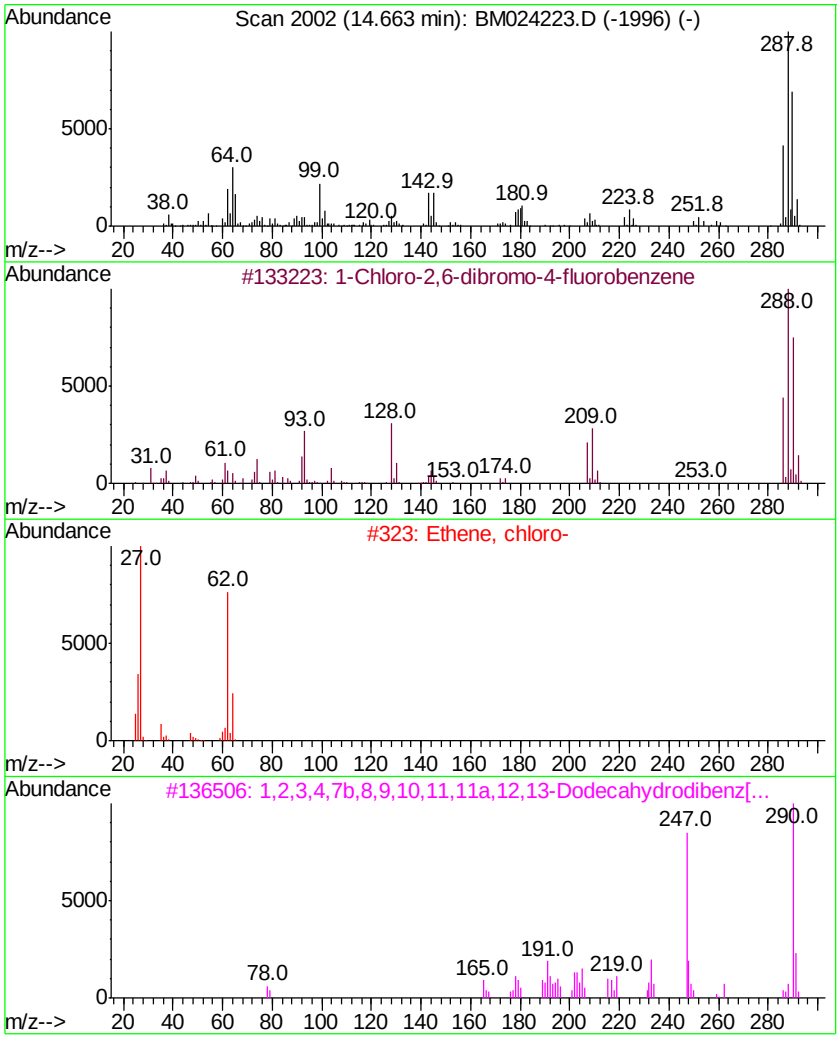
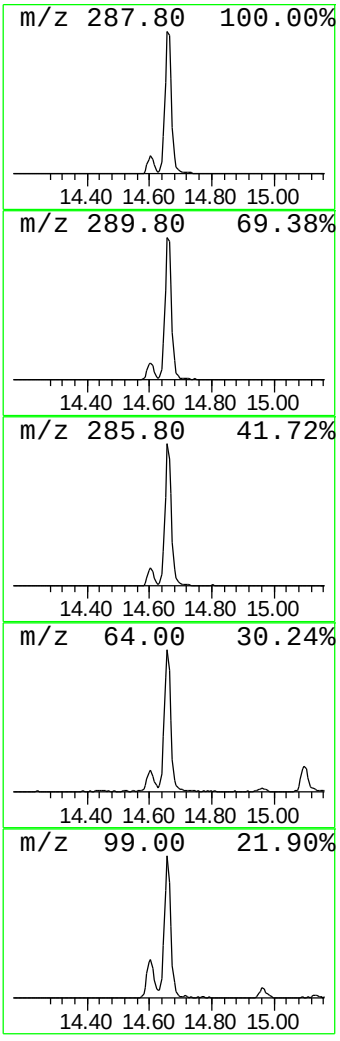
Peak Number 26 1-Chloro-2,6-dibromo-4-fluo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.22 ng/ul	1566970	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-2,6-dibromo-4-fluoroben...	286	C6H2Br2ClF	179897-90-6	60
2	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
3	1,2,3,4,7b,8,9,10,11,11a,12,13-D...	290	C22H26	000153-29-7	9
4	Normethandrone	288	C19H28O2	000514-61-4	9
5	1H-Purine-2,6-dione, 8-(3,5-dime...	288	C13H16N6O2	108950-58-9	9





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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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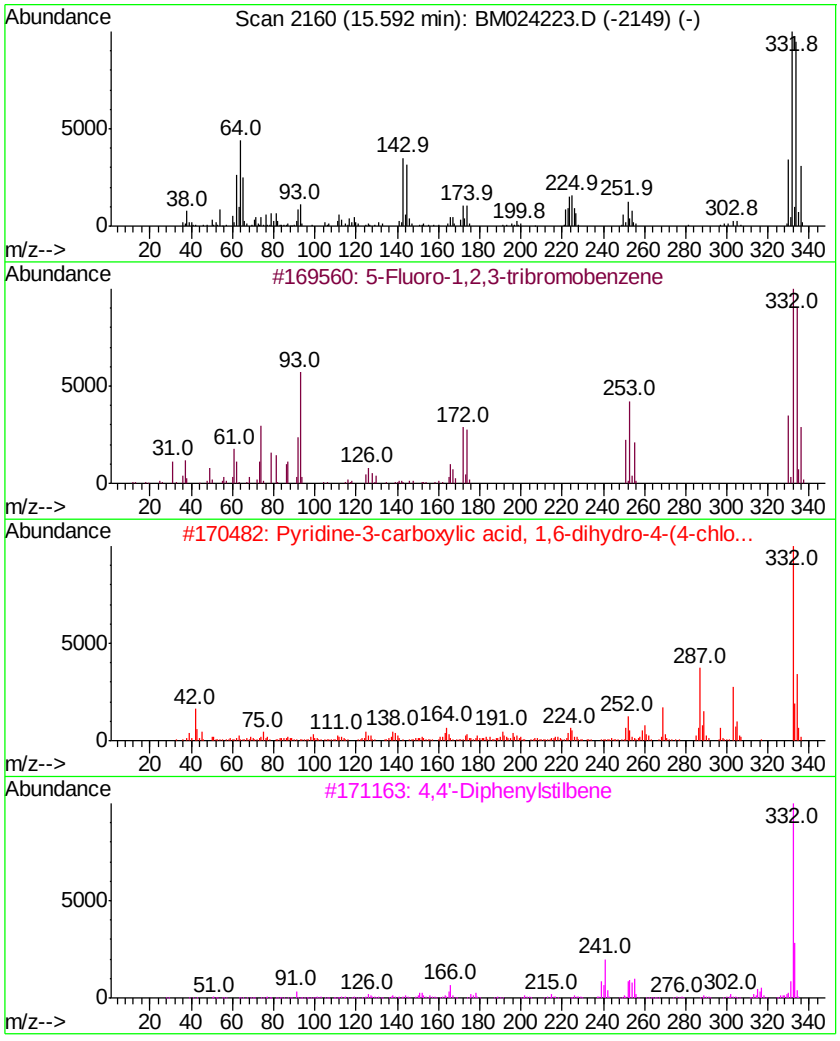
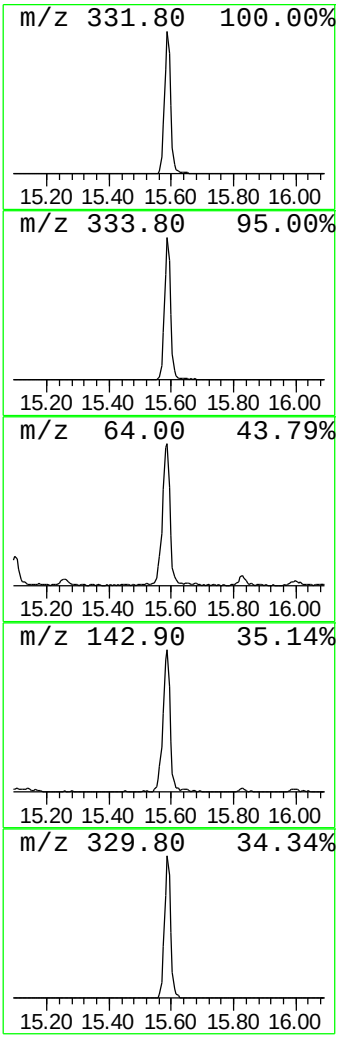
Peak Number 27 unknown-10 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	7.70 ng/ul	1263390	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-1,2,3-tribromobenzene	330	C6H2Br3F	003925-78-8	27
2	Pyridine-3-carboxylic acid, 1,6-...	332	C16H13ClN2O2S	097651-28-0	9
3	4,4'-Diphenylstilbene	332	C26H20	002039-68-1	9
4	tert-Butyl isopropyl disulfide, ...	452	C7F16S2	1000226-69-7	9
5	6-Chloro-3-(2,6-dichloro-phenyl)...	298	C11H5Cl3N4	1000300-08-8	9





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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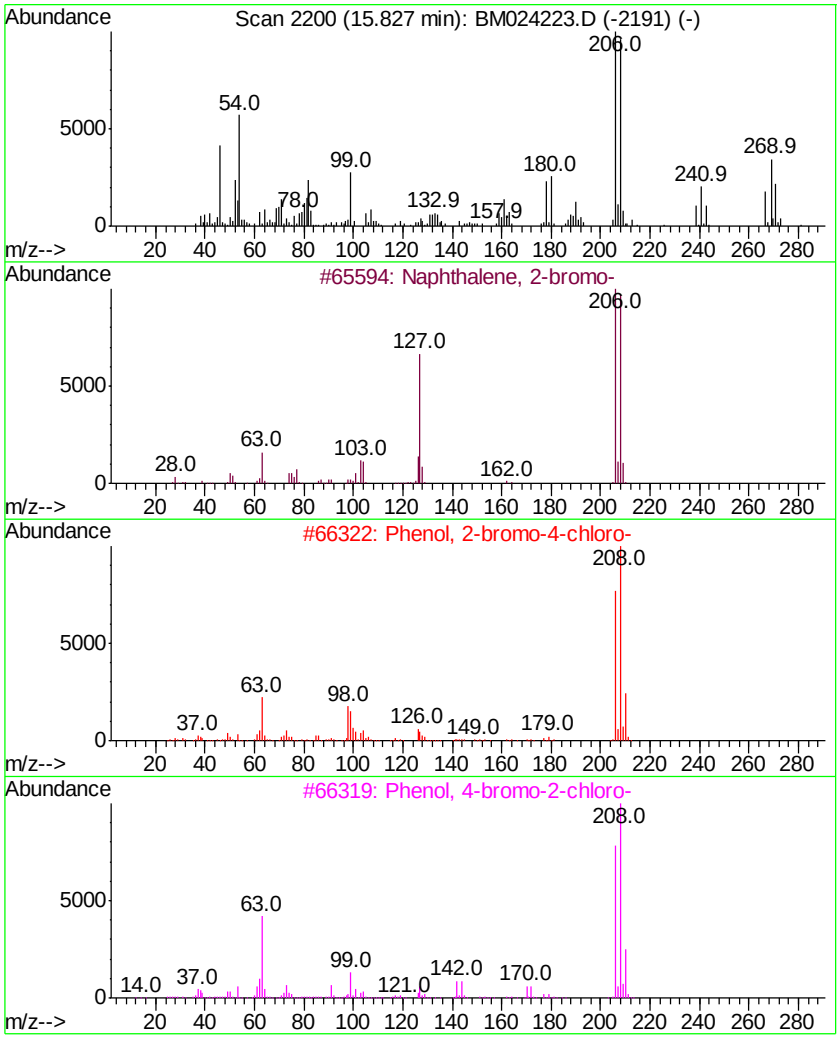
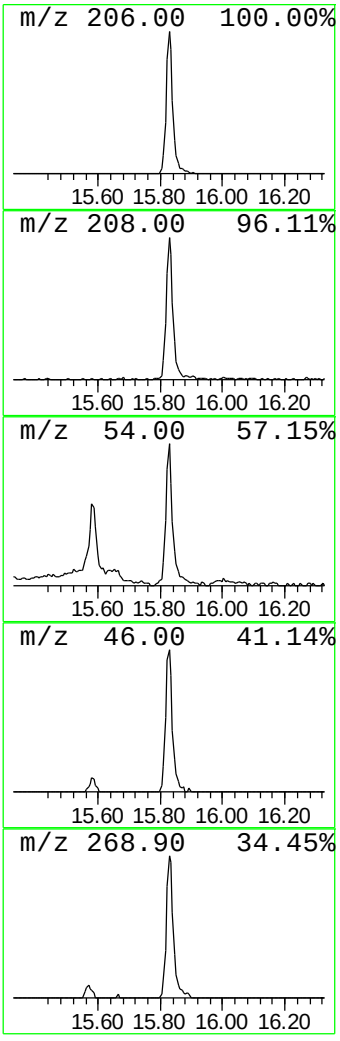
Peak Number 28 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.61 ng/ul	592263	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-bromo-	206	C10H7Br	000580-13-2	27
2	Phenol, 2-bromo-4-chloro-	206	C6H4BrClO	000695-96-5	27
3	Phenol, 4-bromo-2-chloro-	206	C6H4BrClO	003964-56-5	27
4	Quinoline, 4-chloro-8-nitro-	208	C9H5ClN2O2	023833-99-0	14
5	1H-Purine-2,6-dione, 1-ethyl-3,7...	208	C9H12N4O2	039832-36-5	11





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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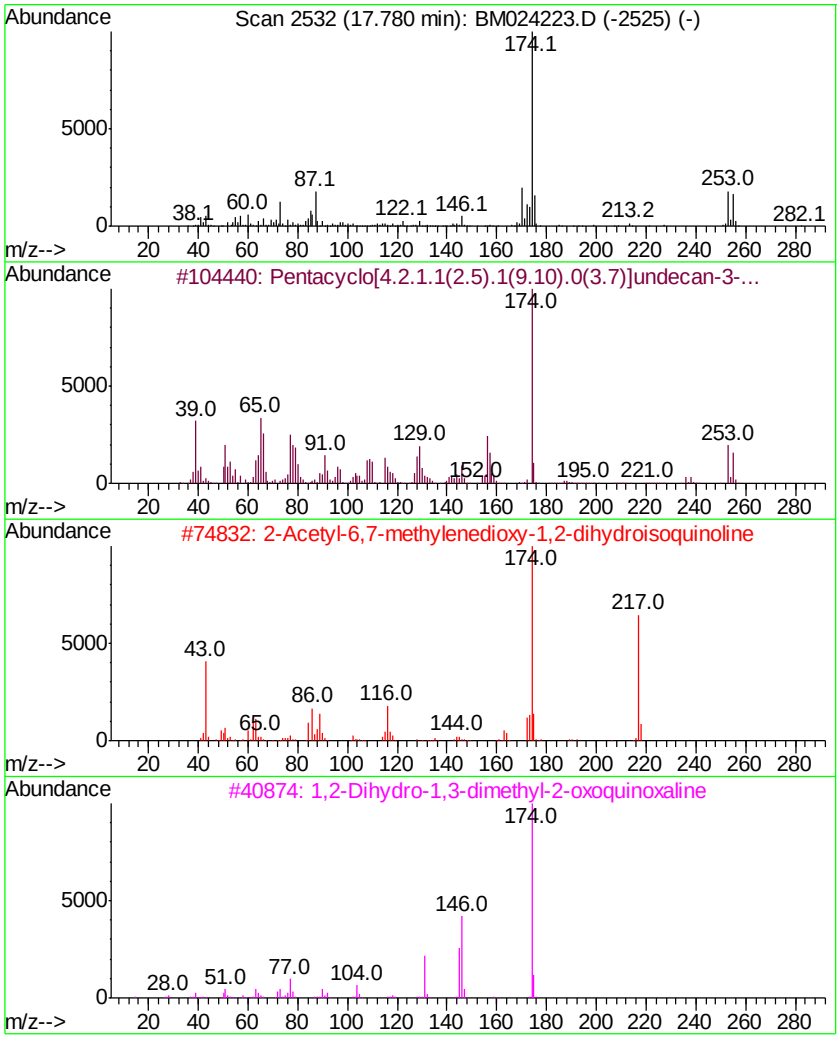
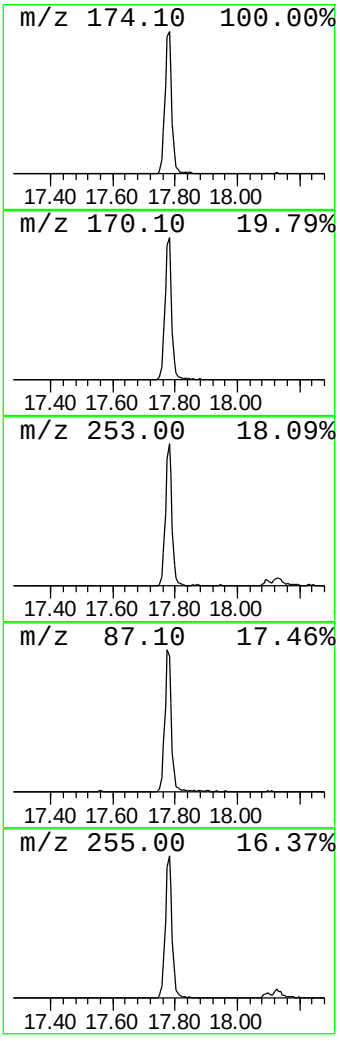
Peak Number 29 Pentacyclo[4.2.1.1(2.5).1(9... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	11.49 ng/ul	1886570	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacyclo[4.2.1.1(2.5).1(9.10)....	253	C11H12BrNO	1000260-32-6	50
2	2-Acetyl-6,7-methylenedioxy-1,2-...	217	C12H11NO3	1000254-12-0	47
3	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	38
4	Pyromellitic dianhydride	218	C10H2O6	000089-32-7	37
5	(2,5,7-Trimethyl-pyrazolo[1,5-a]...	247	C13H17N3O2	1000300-66-5	32





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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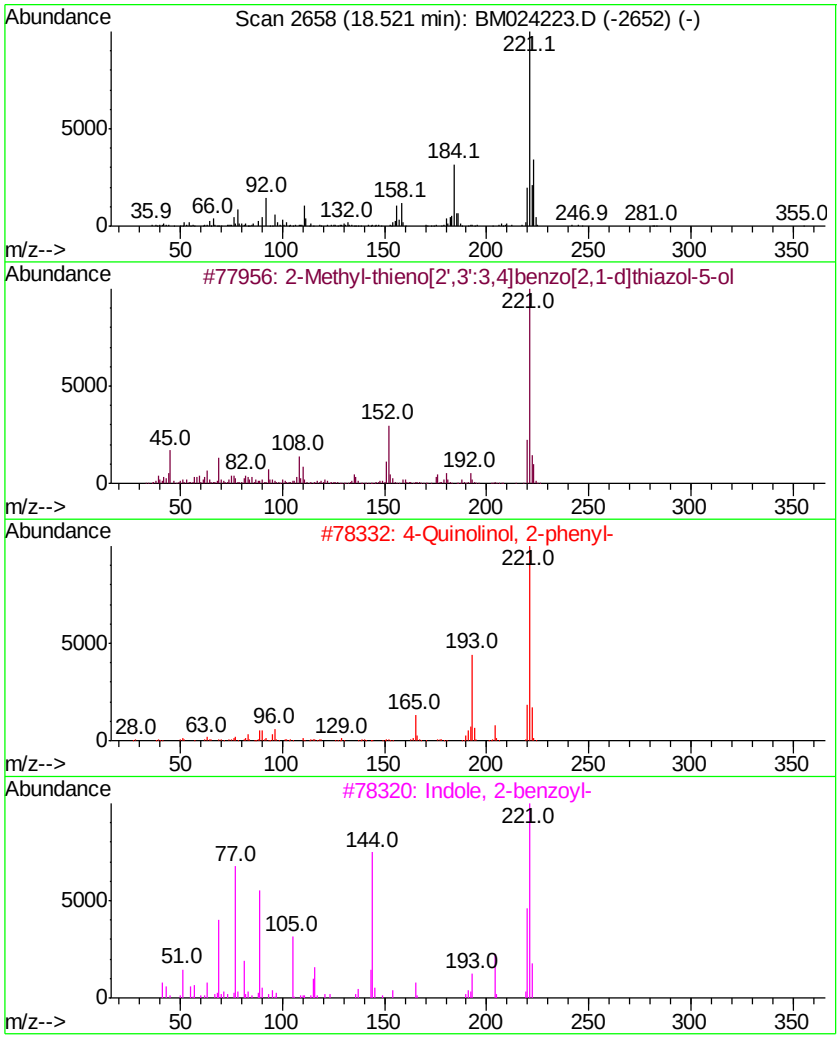
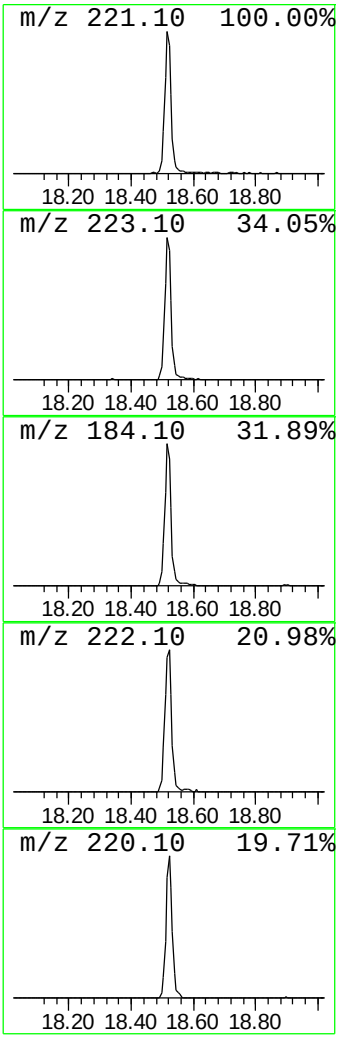
Peak Number 30 unknown-12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	4.44 ng/ul	728199	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-thieno[2',3':3,4]benzo[...	221	C10H7NOS2	294668-48-7	47
2	4-Quinolinol, 2-phenyl-	221	C15H11NO	001144-20-3	43
3	Indole, 2-benzoyl-	221	C15H11NO	001022-86-2	43
4	3,7-Dimethyloct-6-enyl trimethyl...	376	C21H32O4Si	1000373-64-6	38
5	Pent-4-enyl trimethylsilyl phtha...	306	C16H22O4Si	1000373-65-5	38





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Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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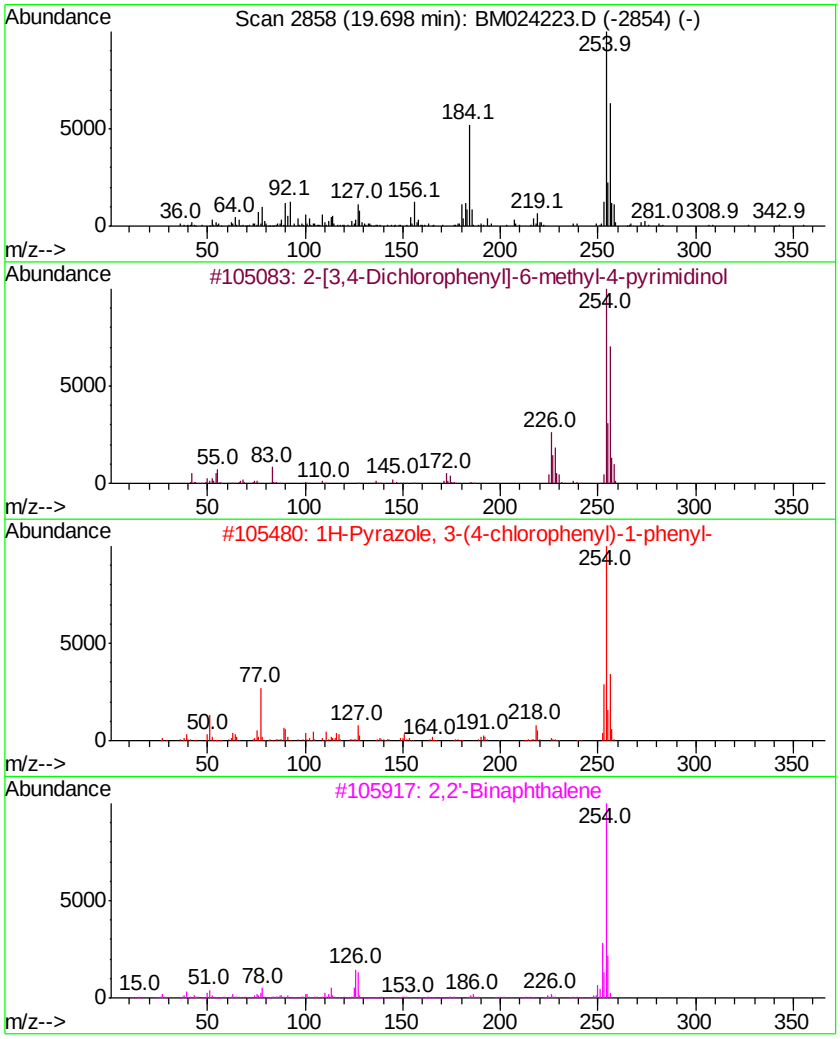
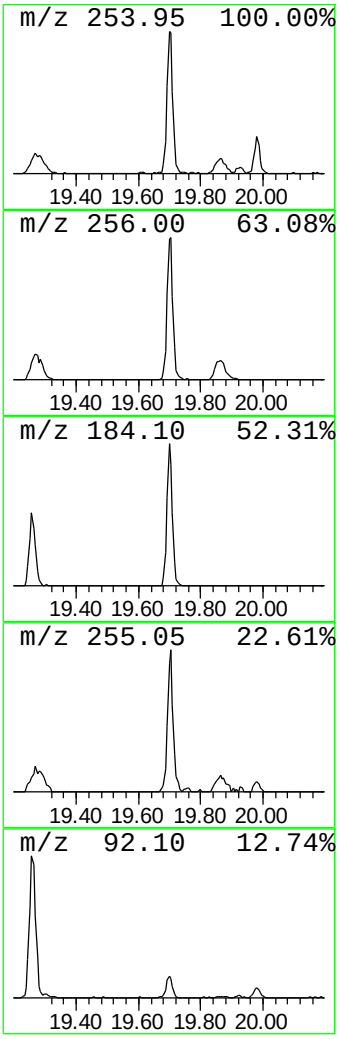
Peak Number 31 2-[3,4-Dichlorophenyl]-6-me... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.53 ng/ul	460847	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[3,4-Dichlorophenyl]-6-methyl-...	254	C11H8Cl2N2O	1000253-43-7	52
2	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	43
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	38
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	35
5	Chrysin	254	C15H10O4	000480-40-0	35





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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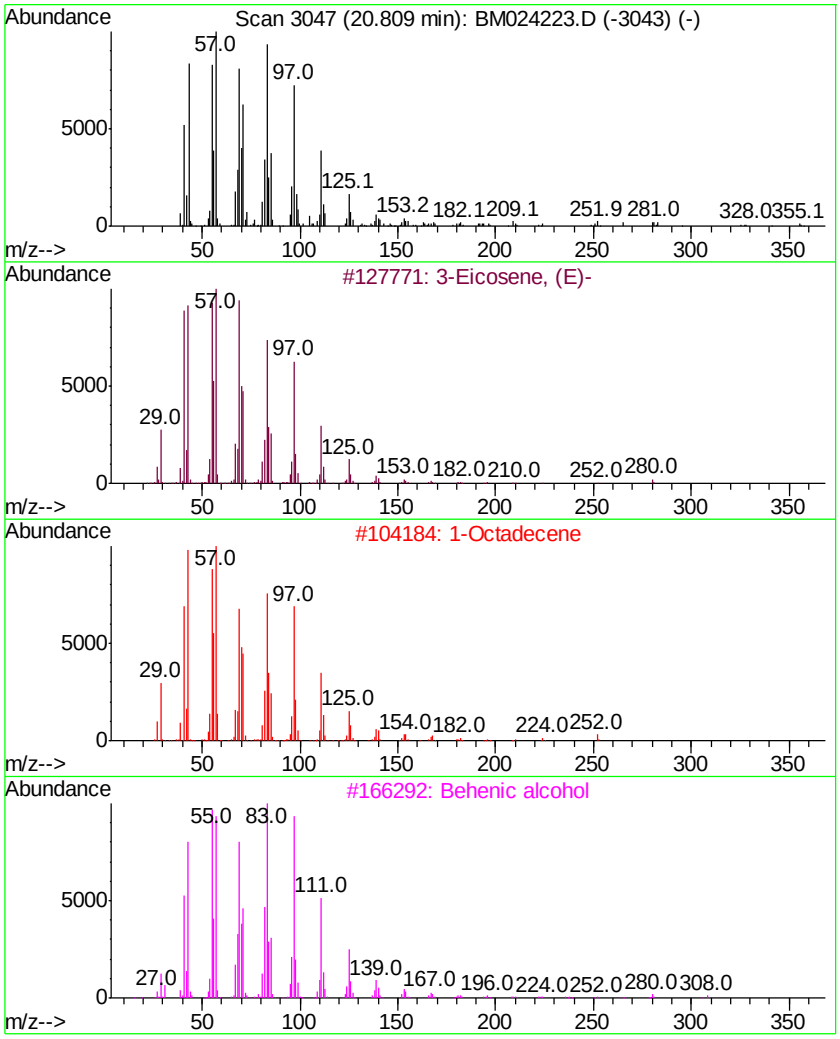
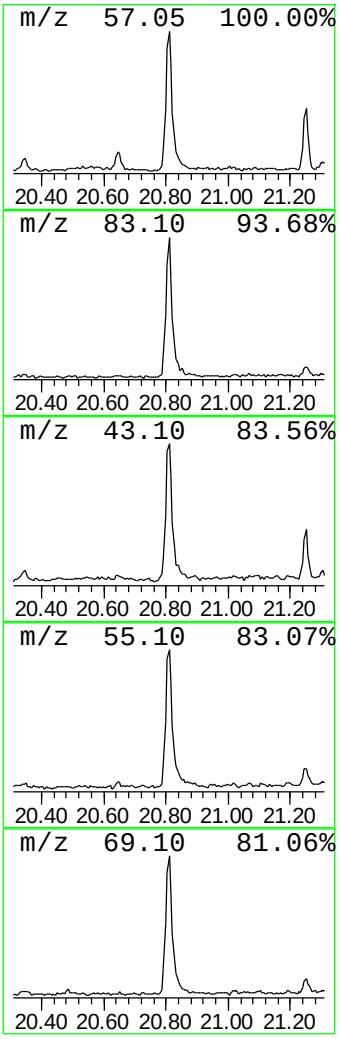
Peak Number 34 (DEL) Alkane: Cyclic20.01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.05 ng/ul	555084	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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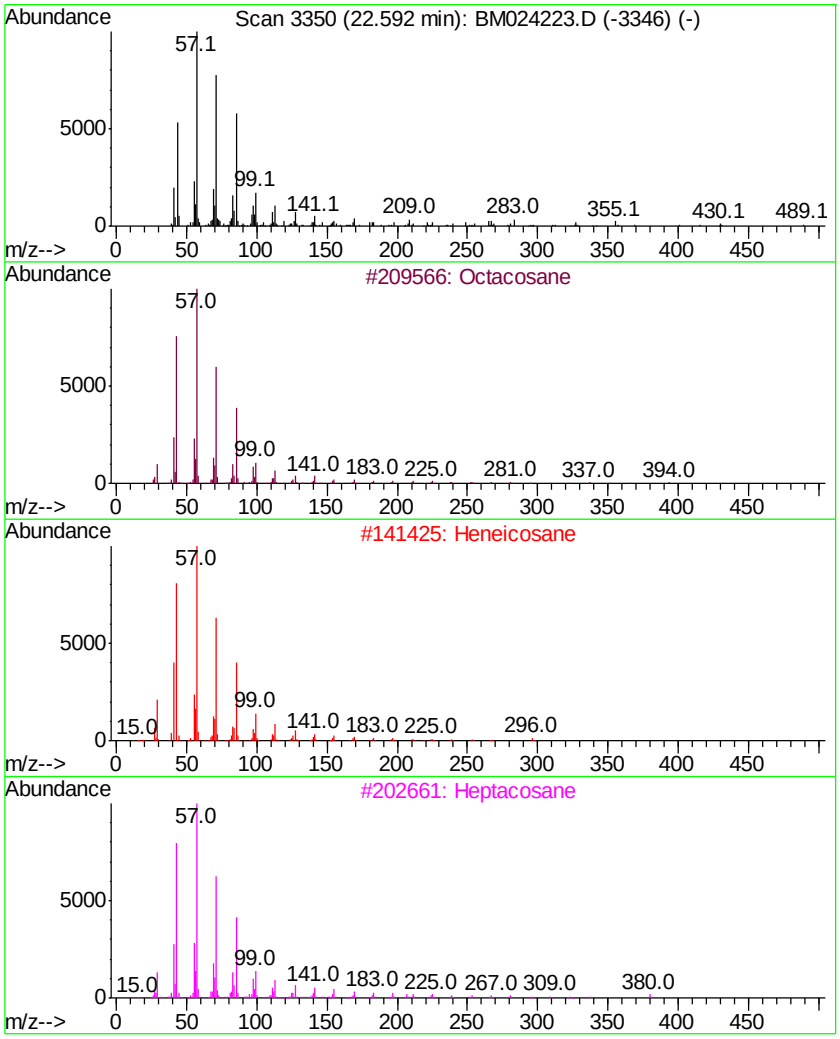
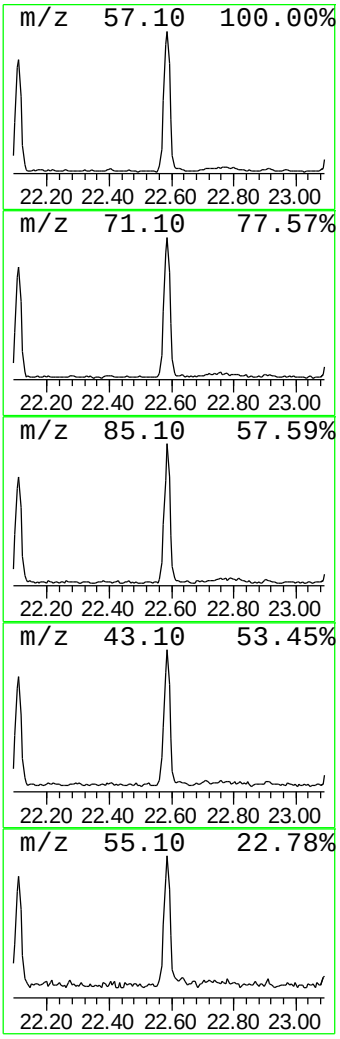
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	2.66 ng/ul	419767	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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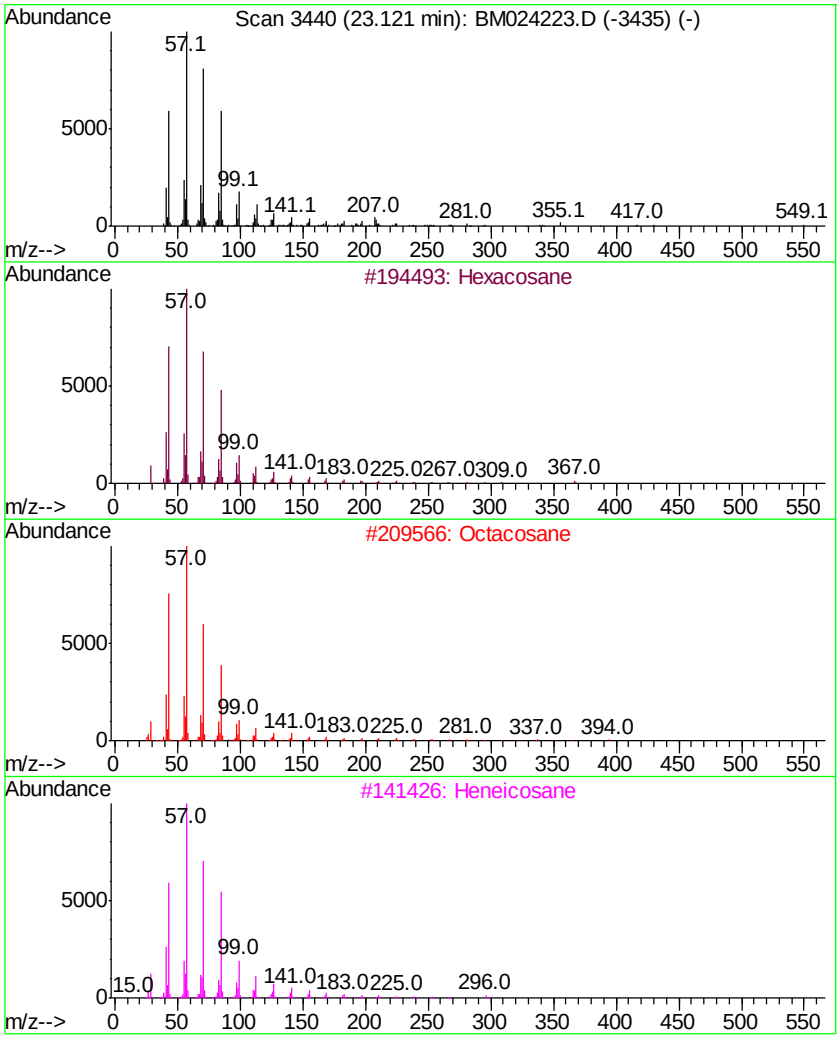
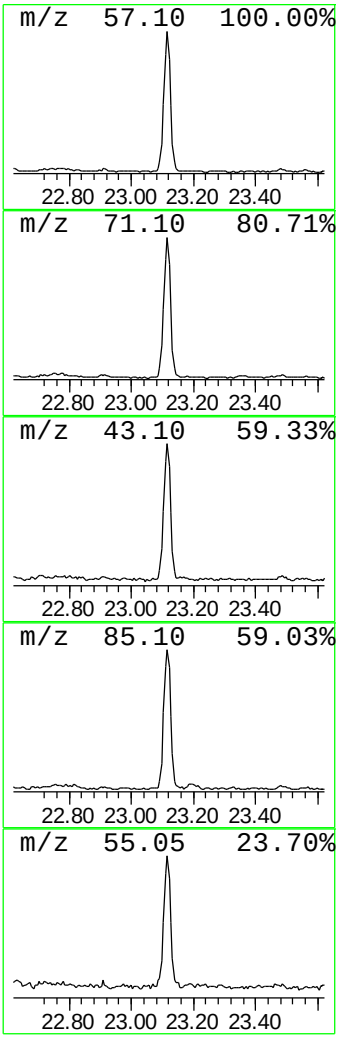
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	3.50 ng/ul	552522	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

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Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

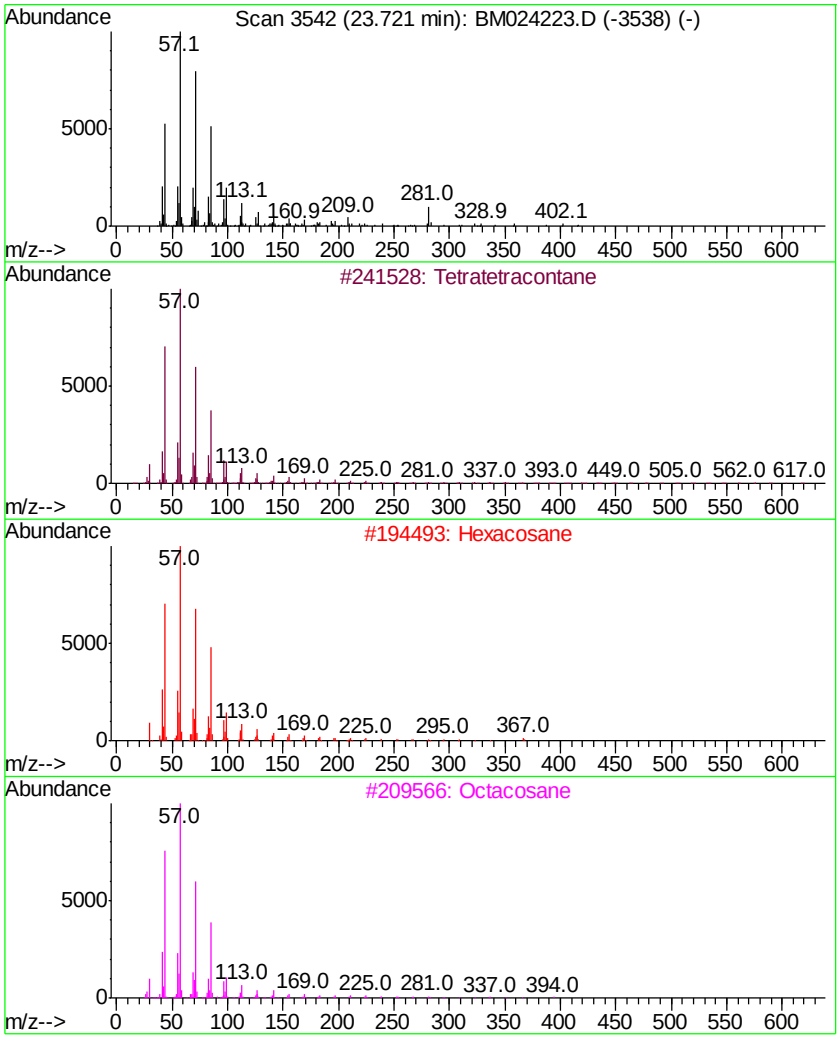
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

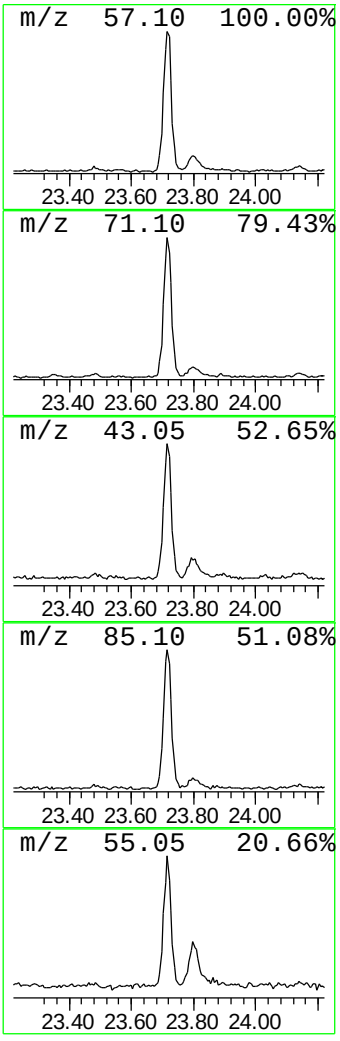
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.18 ng/ul	502318	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024223.D
Acq On : 23 Dec 2019 19:35
Operator : JU
Sample : K6200-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methane, bromodic...	3.08	5.1	ng/ul	336983	1	7.43	1331090	20.0
1-Butene, 2-chlor...	3.16	4.2	ng/ul	277839	1	7.43	1331090	20.0
1-Butene, 2-(chlo...	3.26	5.6	ng/ul	370297	1	7.43	1331090	20.0
2-Butene, 1-chlor...	3.47	2.4	ng/ul	161495	1	7.43	1331090	20.0
3-Methyl-3-chloro...	3.66	2.5	ng/ul	167043	1	7.43	1331090	20.0
1,3,7-Nonatriene-...	3.77	2.0	ng/ul	133127	1	7.43	1331090	20.0
Methane, dibromoc...	4.15	17.2	ng/ul	1142860	1	7.43	1331090	20.0
1,1-Dimethyl-3-ch...	4.18	103.8	ng/ul	6911890	1	7.43	1331090	20.0
Butane, 1-methoxy-	4.23	2.4	ng/ul	158838	1	7.43	1331090	20.0
Butane, 2,3-dichl...	4.46	165.9	ng/ul	11038800	1	7.43	1331090	20.0
unknown-01	4.68	9.1	ng/ul	607996	1	7.43	1331090	20.0
3-Hydroxy-3-methy...	5.33	3.7	ng/ul	249077	1	7.43	1331090	20.0
Methane, tribromo-	5.49	27.1	ng/ul	1805020	1	7.43	1331090	20.0
unknown-02	5.67	2.9	ng/ul	190019	1	7.43	1331090	20.0
unknown-03	5.72	9.1	ng/ul	605664	1	7.43	1331090	20.0
Acetonitrile, dib...	5.87	2.4	ng/ul	159038	1	7.43	1331090	20.0
unknown-04	6.85	12.8	ng/ul	853594	1	7.43	1331090	20.0
unknown-05	7.15	7.3	ng/ul	482286	1	7.43	1331090	20.0
unknown-06	7.49	6.0	ng/ul	401837	1	7.43	1331090	20.0
Propanal, 2,3-dic...	7.79	2.7	ng/ul	180668	1	7.43	1331090	20.0
Benzene, 2-bromo-...	10.00	3.1	ng/ul	297505	2	10.20	1924320	20.0
unknown-07	11.26	3.6	ng/ul	344481	2	10.20	1924320	20.0
unknown-08	12.50	5.8	ng/ul	980145	3	14.10	3398310	20.0
unknown-09	13.66	3.5	ng/ul	587706	3	14.10	3398310	20.0
1-Chloro-2,6-dibr...	14.66	9.2	ng/ul	1566970	3	14.10	3398310	20.0
unknown-10	15.59	7.7	ng/ul	1263390	4	16.85	3283630	20.0
unknown-11	15.83	3.6	ng/ul	592263	4	16.85	3283630	20.0
Pentacyclo[4.2.1....	17.78	11.5	ng/ul	1886570	4	16.85	3283630	20.0
unknown-12	18.52	4.4	ng/ul	728199	4	16.85	3283630	20.0
2-[3,4-Dichloroph...	19.70	2.5	ng/ul	460847	5	21.07	3637690	20.0
(DEL) Alkane: Cyc...	20.81	3.0	ng/ul	555084	5	21.07	3637690	20.0
(DEL) Alkane: Str...	22.59	2.7	ng/ul	419767	6	23.20	3154810	20.0
(DEL) Alkane: Str...	23.12	3.5	ng/ul	552522	6	23.20	3154810	20.0
(DEL) Alkane: Str...	23.72	3.2	ng/ul	502318	6	23.20	3154810	20.0