LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

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-BM092719MA.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	3.270	44	48	49	rBV	78187	93816	1.63%	0.110%
2	3.299	49	53	67	rVV	2129030	2625534	45.67%	3.085%
3	3.723	121	125	131	rBV	219600	267701	4.66%	0.315%
4	3.981	165	169	178	rVB2	69544	111708	1.94%	0.131%
5	4.264	212	217	224	rBV	473939	602302	10.48%	0.708%
6	4.328	224	228	239	rVV2	57972	94396	1.64%	0.111%
7	4.440	242	247	255	rBV	689165	880311	15.31%	1.034%
8	4.893	315	324	332	rBV	804739	1051074	18.28%	1.235%
9	5.317	389	396	404	rVB	74648	110694	1.93%	0.130%
10	5.446	413	418	420	rBV	93122	132735	2.31%	0.156%
11	5.758	465	471	476	rBV	113190	159043	2.77%	0.187%
12	5.817	476	481	487	rVB	224217	319439	5.56%	0.375%
13	6.781	637	645	650	rBV	47525	93063	1.62%	0.109%
14	6.964	668	676	683	rVV2	327472	604238	10.51%	0.710%
15	7.128	696	704	710	rBV	739444	1156152	20.11%	1.358%
16	7.187	710	714	726	rVB	123541	204504	3.56%	0.240%
17	7.328	731	738	748	rVV	887491	1413045	24.58%	1.660%
18	7.446	752	758	766	rVB	309318	477682	8.31%	0.561%
19	7.793	810	817	824	rBV	866293	1401849	24.38%	1.647%
20	7.864	825	829	832	rVV	85517	133671	2.33%	0.157%
21	7.911	832	837	846	rVB	245053	423092	7.36%	0.497%
22	8.169	873	881	888	rVV2	180150	350532	6.10%	0.412%
23	8.334	905	909	922	rVB4	45197	102851	1.79%	0.121%
24	8.440	922	927	931	rBV2	57411	97532	1.70%	0.115%
25	8.499	931	937	948	rVV	816186	1306157	22.72%	1.535%
26	8.805	984	989	994	rVV2	49932	92783	1.61%	0.109%
27	8.899	1000	1005	1008	rVV	131687	214567	3.73%	0.252%
28	8.946	1008	1013	1025	rVV	925989	1706450	29.68%	2.005%
29	9.228	1051	1061	1069	rVV4	52105	142021	2.47%	0.167%
30	9.422	1084	1094	1099	rVB2	82832	180616	3.14%	0.212%
31	9.481	1099	1104	1112	rBV	105208	168176	2.93%	0.198%
32	9.669	1129	1136	1143	rBV	808012	1342926	23.36%	1.578%
33	9.840	1161	1165	1173	rVB2	92327	163545	2.84%	0.192%
34	9.993	1182	1191	1199	rBV5	241110	524854	9.13%	0.617%

LSC Area Percent Report

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Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

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-BM092719MA.M
Title : SVOA CALIBRATION

35	10.069	1199	1204	1211	rVV2	192220	403219	7.01%	0.474%
36	10.134	1211	1215	1220	rVV6	65594	123651	2.15%	0.145%
37	10.210	1220	1228	1236	rVV	1363391	2295708	39.93%	2.697%
38	10.505	1274	1278	1282	rVV	70700	114817	2.00%	0.135%
39	10.587	1284	1292	1296	rVV	1270034	2199981	38.27%	2.585%
40	10.634	1296	1300	1307	rVV	771125	1278159	22.23%	1.502%
41	10.716	1307	1314	1326	rVV	992670	1799860	31.31%	2.115%
42	11.010	1359	1364	1377	rVB	29761	98736	1.72%	0.116%
43	11.169	1388	1391	1400	rVV2	74851	124936	2.17%	0.147%
44	11.305	1409	1414	1419	rBV	66692	97043	1.69%	0.114%
45	11.416	1429	1433	1439	rVB	56810	90060	1.57%	0.106%
46	11.610	1461	1466	1471	rBV4	47487	94176	1.64%	0.111%
47	11.693	1478	1480	1486	rVB2	65637	91300	1.59%	0.107%
48	11.787	1490	1496	1504	rVB5	64264	140732	2.45%	0.165%
49	11.928	1511	1520	1525	rBV	230664	404671	7.04%	0.475%
50	12.246	1569	1574	1580	rVB	600916	923048	16.06%	1.084%
51	12.363	1589	1594	1602	rVB5	61016	141879	2.47%	0.167%
52	12.469	1603	1612	1618	rVB	854613	1331384	23.16%	1.564%
53	12.634	1634	1640	1644	rBV4	59772	118898	2.07%	0.140%
54	13.222	1736	1740	1744	rBV4	51535	92196	1.60%	0.108%
55	13.275	1744	1749	1756	rVB2	155053	292435	5.09%	0.344%
56	13.463	1776	1781	1783	rBV	76972	129223	2.25%	0.152%
57	13.610	1792	1806	1811	rBV5	168894	576362	10.03%	0.677%
58	13.663	1811	1815	1818	rVV4	104705	182117	3.17%	0.214%
59	13.698	1818	1821	1825	rVV2	75251	115537	2.01%	0.136%
60	13.751	1825	1830	1835	rVV	260393	510926	8.89%	0.600%
61	13.804	1835	1839	1841	rVV	182271	310425	5.40%	0.365%
62	13.840	1841	1845	1850	rVV	2337822	3269341	56.87%	3.841%
63	13.887	1850	1853	1864	rVB	609441	829787	14.43%	0.975%
64	13.987	1866	1870	1874	rBV	113453	173162	3.01%	0.203%
65	14.122	1885	1893	1903	rVB	2740416	4300632	74.81%	5.053%
66	14.351	1927	1932	1936	rVB6	53903	97601	1.70%	0.115%
67	14.434	1938	1946	1951	rVV	1987721	3051446	53.08%	3.585%
68	14.493	1952	1956	1963	rVB	563775	872520	15.18%	1.025%
69	14.634	1973	1980	1991	rBV4	285239	548817	9.55%	0.645%
70	14.828	2008	2013	2017	rBV2	81608	164858	2.87%	0.194%
71	14.910	2023	2027	2030	rVB3	79800	108257	1.88%	0.127%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	14.951	2030	2034	2043	rVB2	189371	278349	4.84%	0.327%
73	15.204	2073	2077	2079	rBV	86599	131496	2.29%	0.154%
74	15.422	2108	2114	2119	rBV	3498047	4978855	86.61%	5.849%
75	15.475	2119	2123	2128	rVB	256128	376663	6.55%	0.443%
76	15.534	2128	2133	2141	rBV	997915	1430948	24.89%	1.681%
77	15.934	2197	2201	2208	rVB3	107828	221111	3.85%	0.260%
78	16.098	2225	2229	2233	rBV	80103	118312	2.06%	0.139%
79	16.434	2282	2286	2289	rBV3	62793	99399	1.73%	0.117%
80	17.169	2405	2411	2416	rBV2	2237968	3235151	56.27%	3.801%
81	17.210	2416	2418	2423	rVV	434144	555555	9.66%	0.653%
82	17.269	2423	2428	2438	rVB	3725042	5237269	91.10%	6.153%
83	17.792	2514	2517	2522	rVB2	77307	94702	1.65%	0.111%
84	18.075	2557	2565	2572	rBV2	1029338	1560487	27.14%	1.833%
85	18.139	2572	2576	2582	rVB	178907	242160	4.21%	0.284%
86	18.345	2607	2611	2617	rBV2	115562	194385	3.38%	0.228%
87	19.204	2753	2757	2758	rBV2	82346	105308	1.83%	0.124%
88	19.351	2778	2782	2792	rBV2	462196	665545	11.58%	0.782%
89	19.563	2812	2818	2823	rBV	4229860	5748868	100.00%	6.754%
90	19.604	2823	2825	2834	rVB	345153	469687	8.17%	0.552%
91	20.116	2909	2912	2916	rVB	132223	137213	2.39%	0.161%
92	20.610	2993	2996	3000	rVB	185980	199164	3.46%	0.234%
93	21.069	3070	3074	3080	rBV2	651430	852724	14.83%	1.002%
94	21.351	3117	3122	3127	rBV	2255634	2840784	49.41%	3.337%
95	21.510	3146	3149	3152	rBV	375489	367820	6.40%	0.432%
96	21.945	3220	3223	3230	rBV	361922	464228	8.08%	0.545%
97	22.416	3299	3303	3309	rBV	407825	515194	8.96%	0.605%
98	22.927	3387	3390	3406	rVB	355889	560186	9.74%	0.658%
99	23.468	3475	3482	3488	rBV	2351399	4536707	78.91%	5.330%
100	23.615	3500	3507	3515	rVB	1359213	2653426	46.16%	3.117%

Sum of corrected areas: 85118655

LSC Report - Integrated Chromatogram

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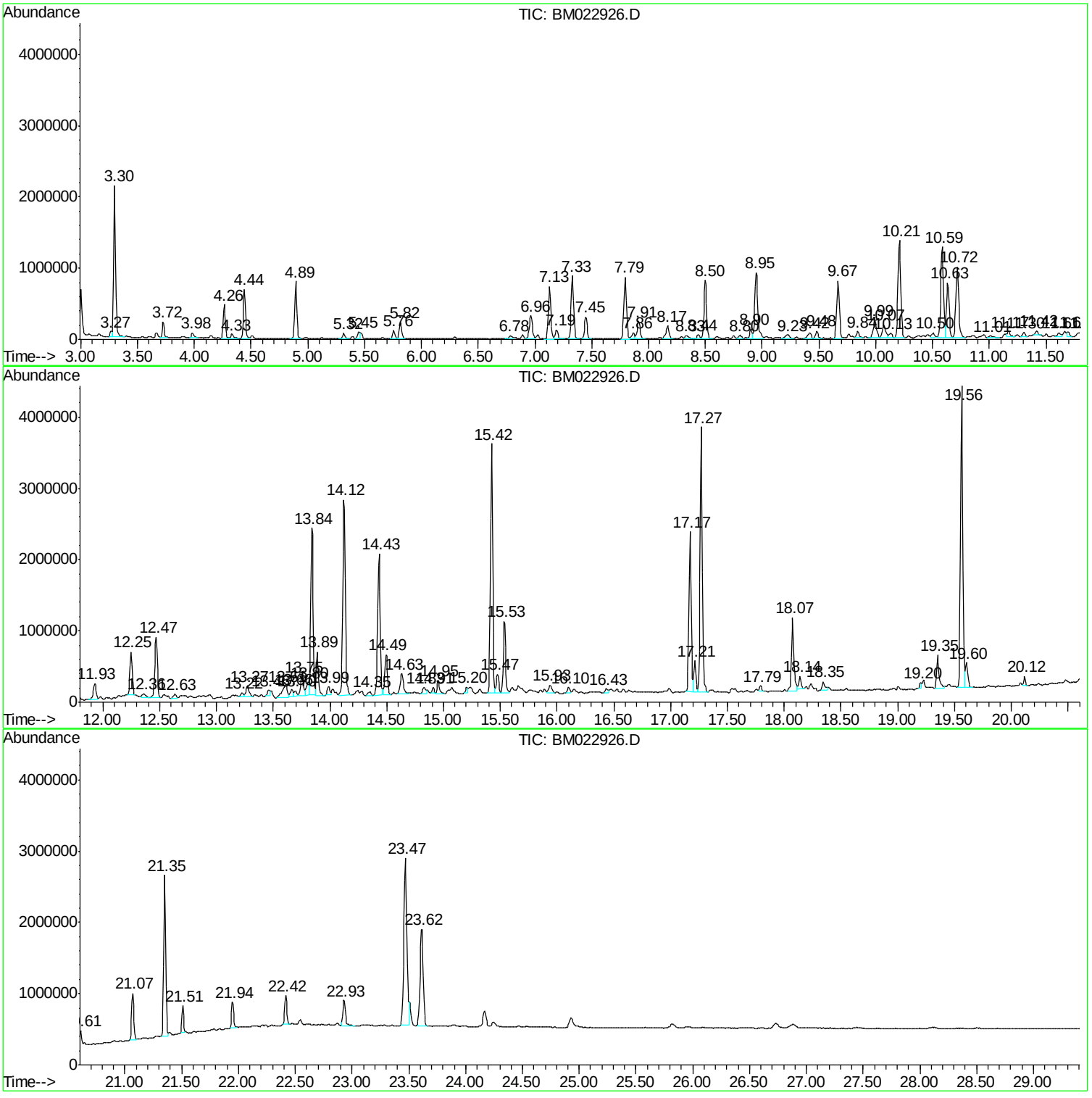
Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
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Quant Title : SVOA CALIBRATION

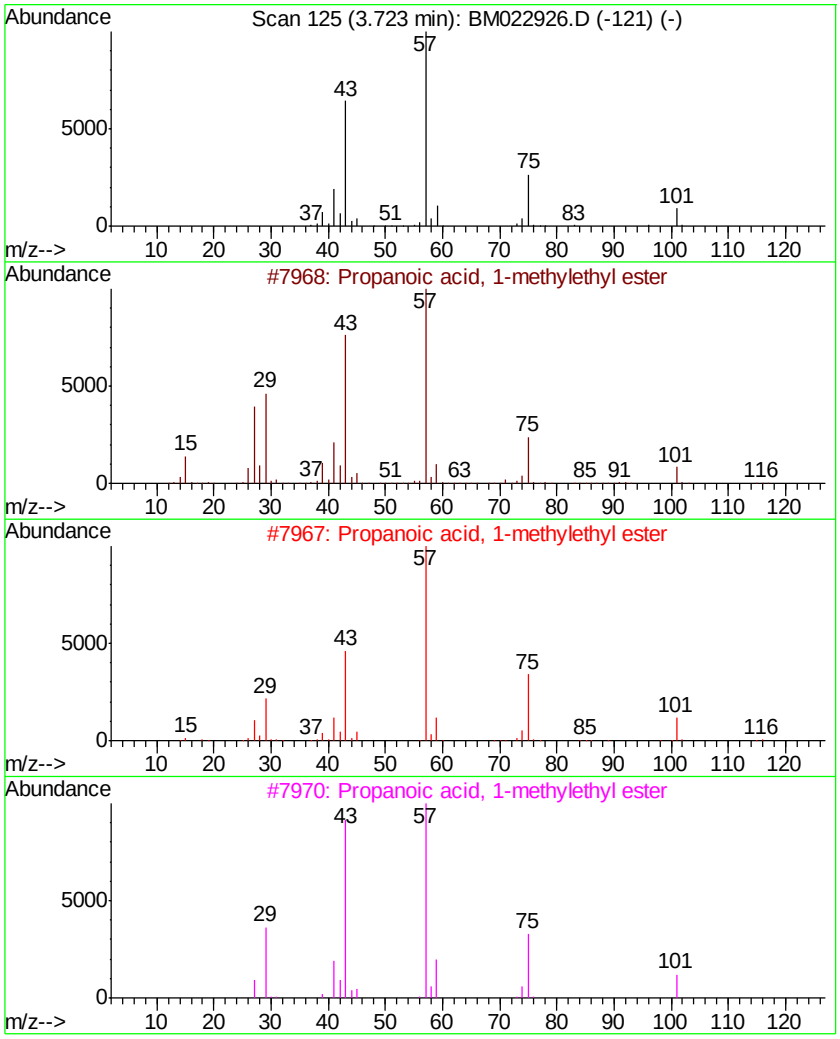
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

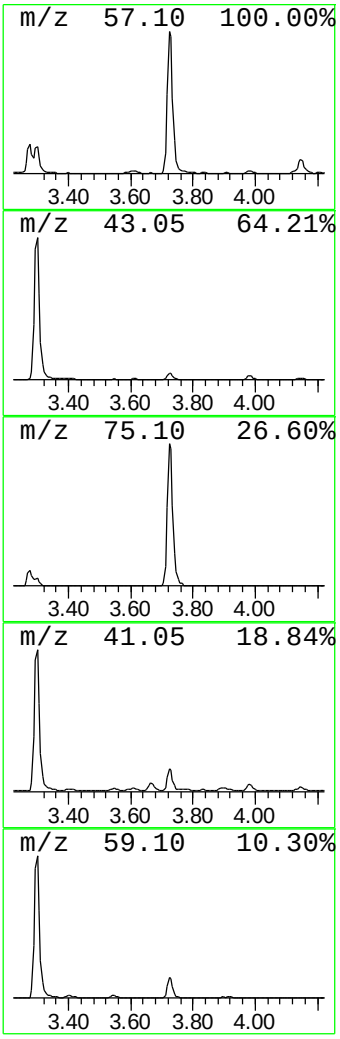
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	3.82 ng/ul	267701	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	36





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Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

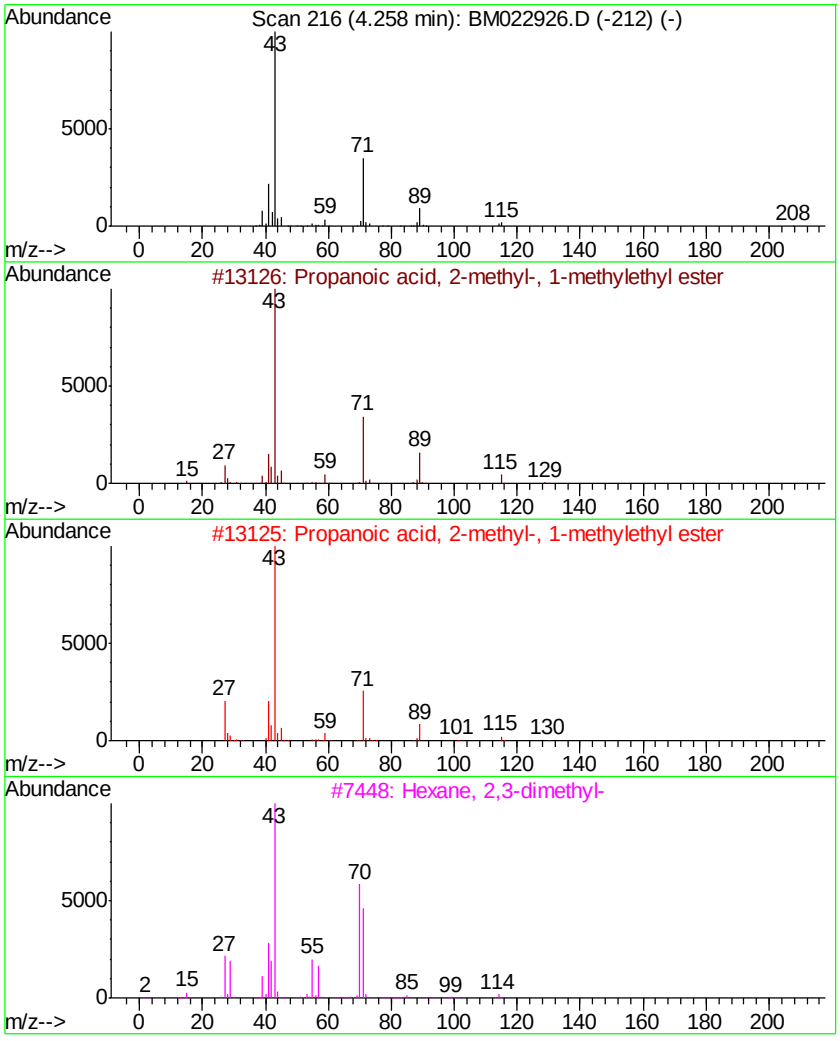
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

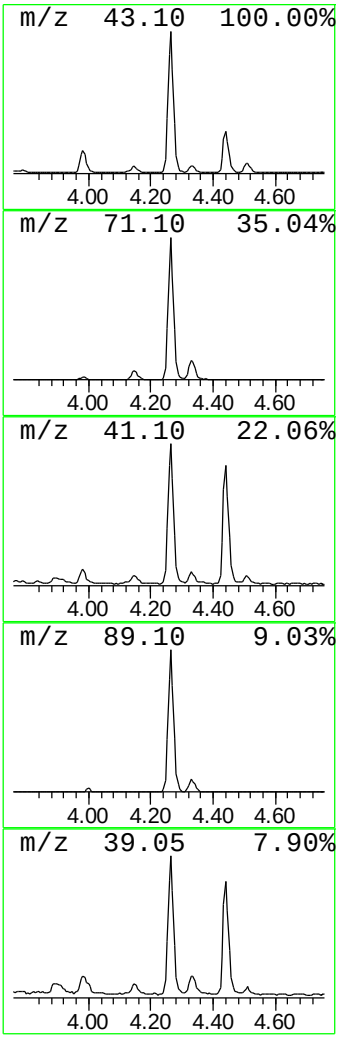
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	8.59 ng/ul	602302	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	42
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Quant Title : SVOA CALIBRATION

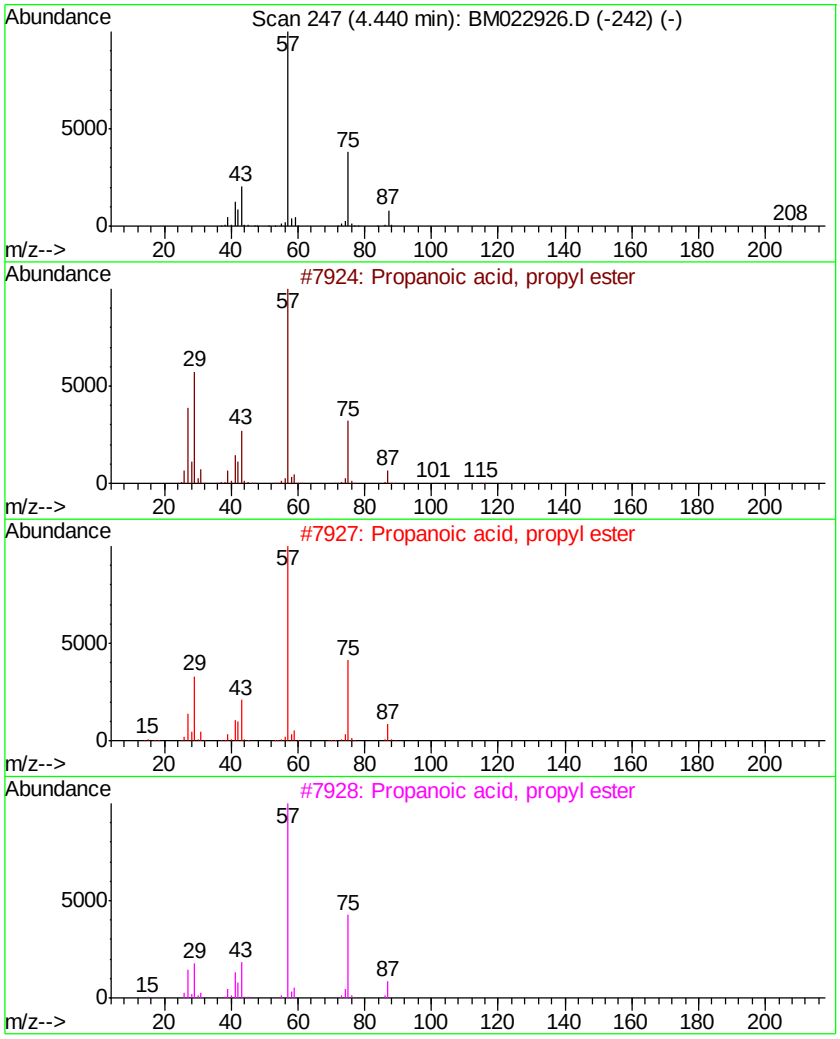
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

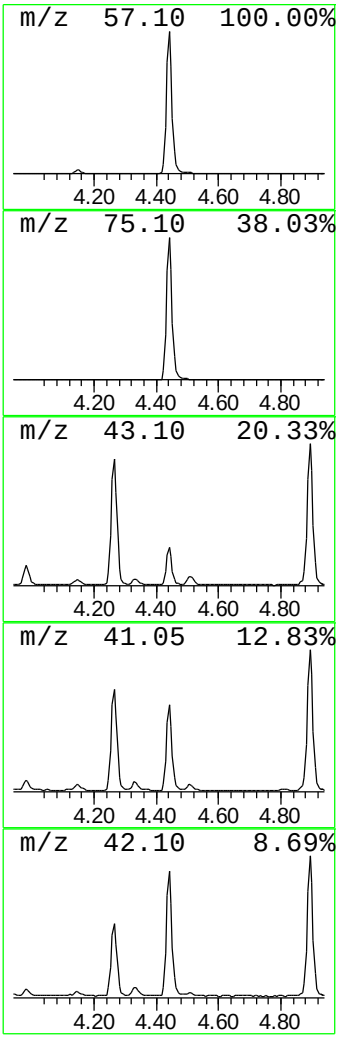
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	12.56 ng/ul	880311	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

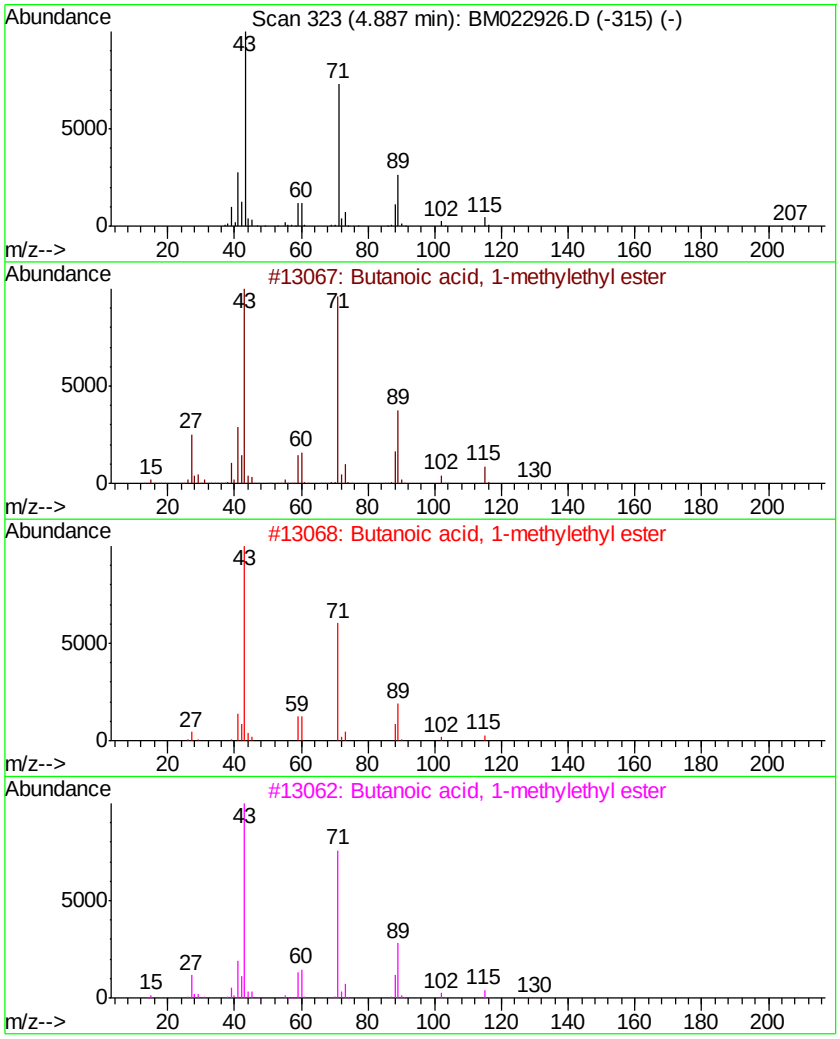
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

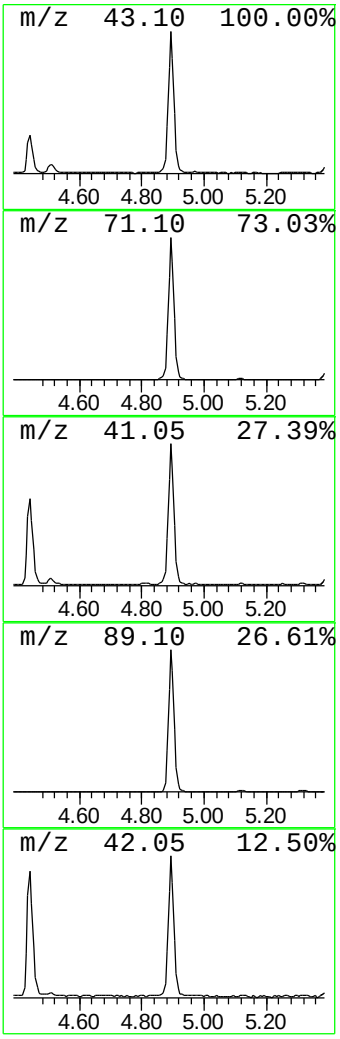
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	15.00 ng/ul	1051070	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





Library Search Compound Report

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Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

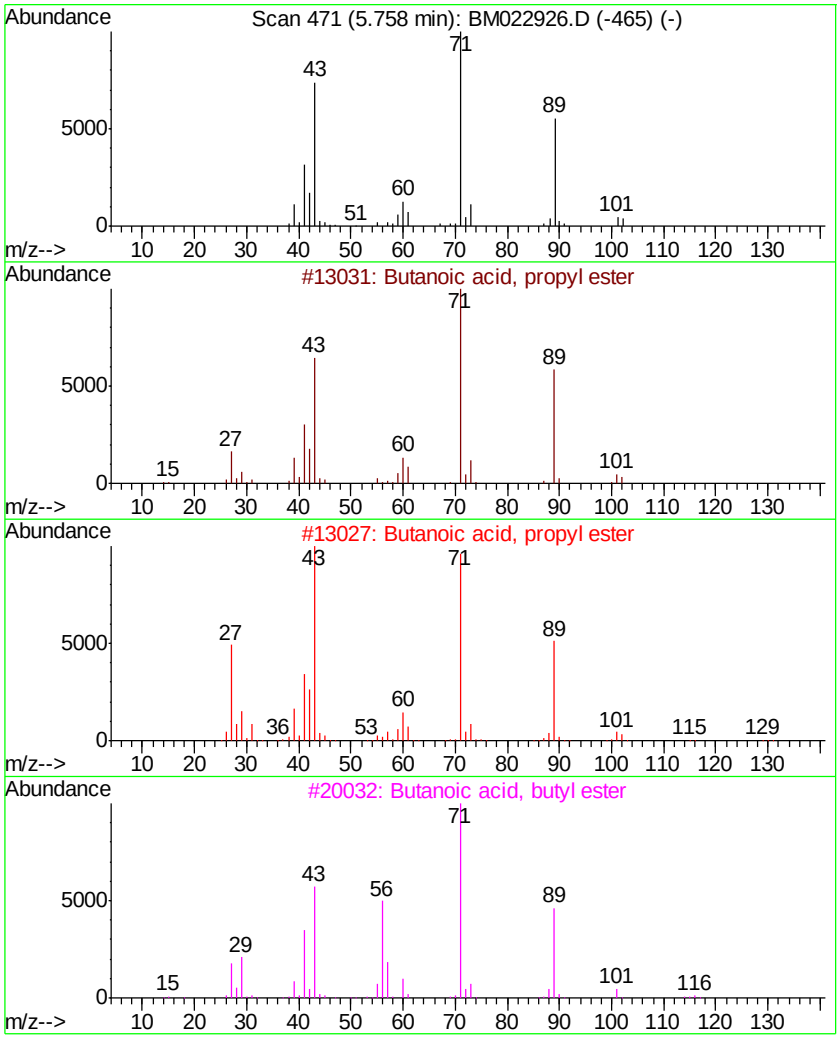
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

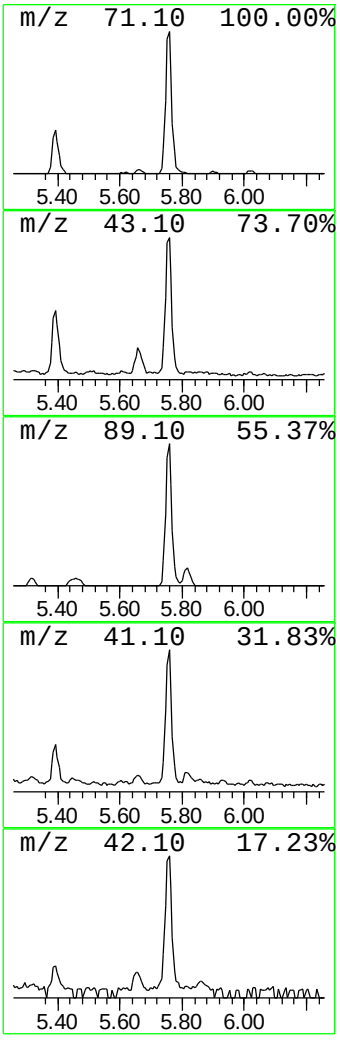
****

Peak Number 5 Butanoic acid, propyl ester Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.27 ng/ul	159043	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	72
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72





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Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
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Instrument : BNA_M
ClientSampleId : BFDJ6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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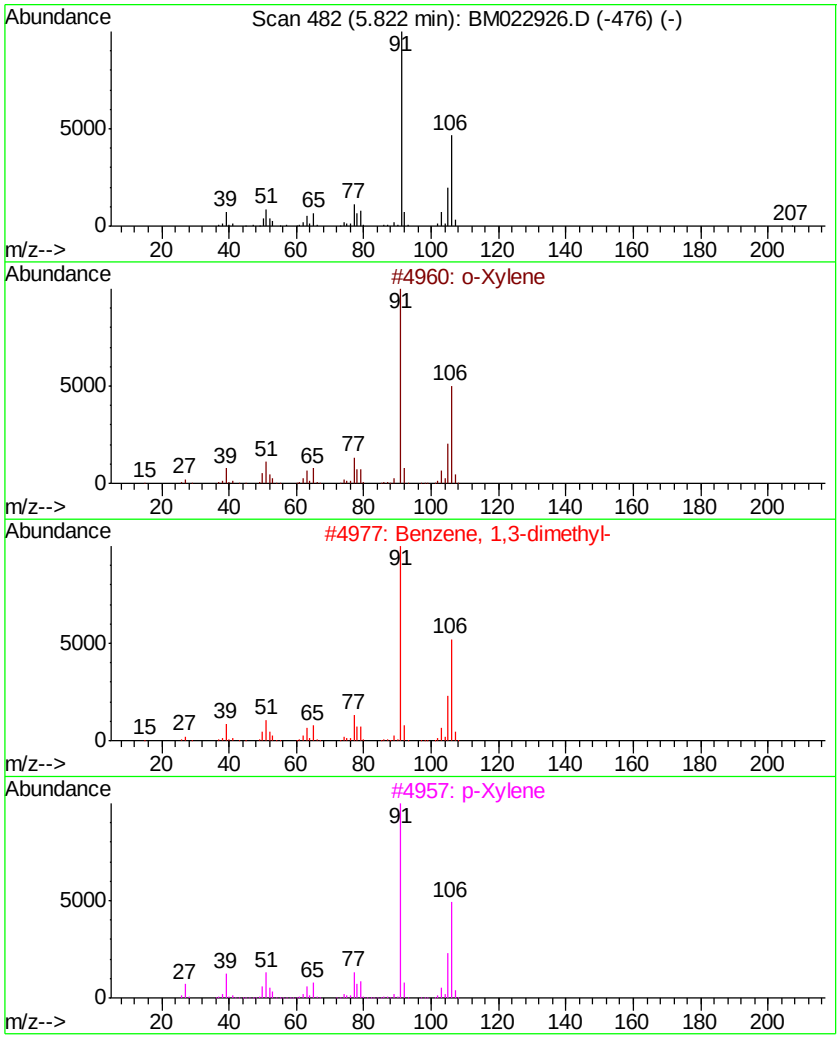
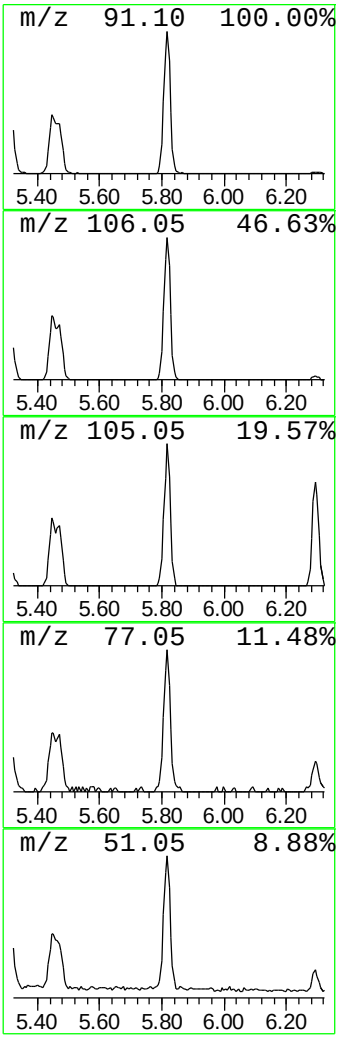
Peak Number 6 o-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	4.56 ng/ul	319439	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	94
5	p-Xylene	106	C8H10	000106-42-3	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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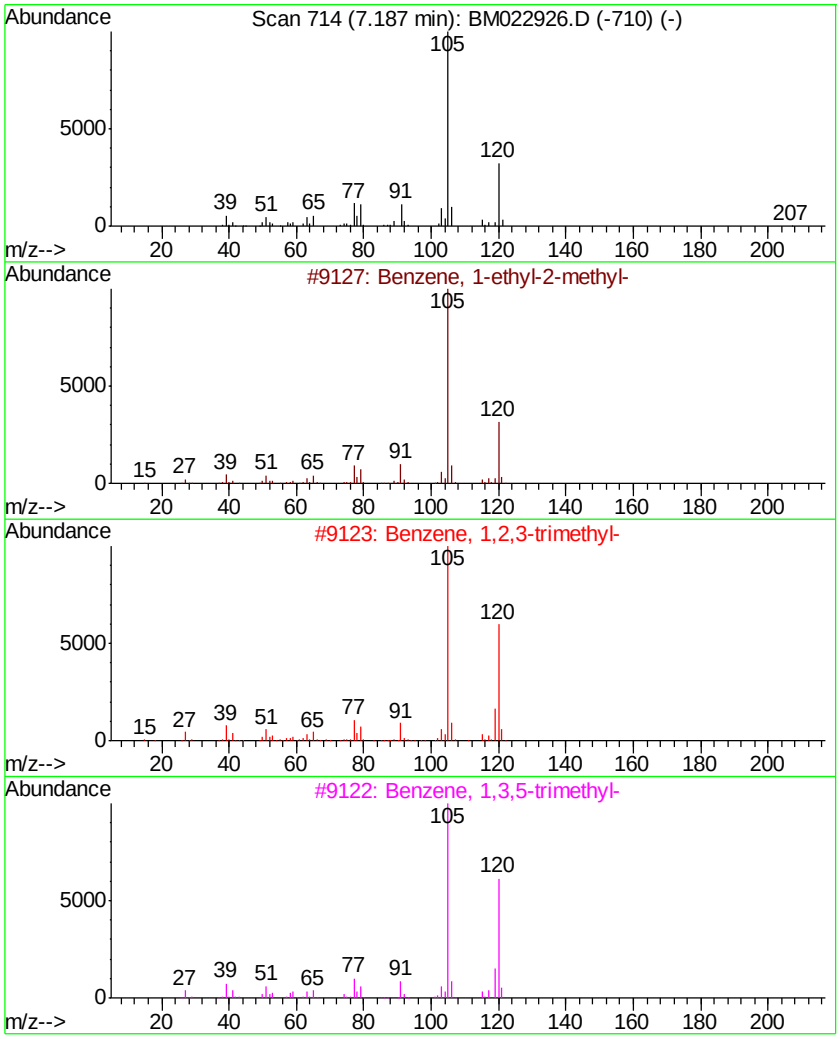
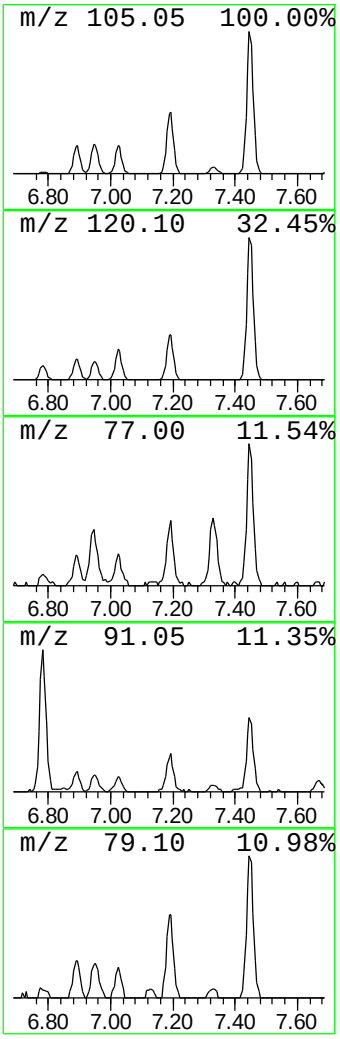
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	2.92 ng/ul	204504	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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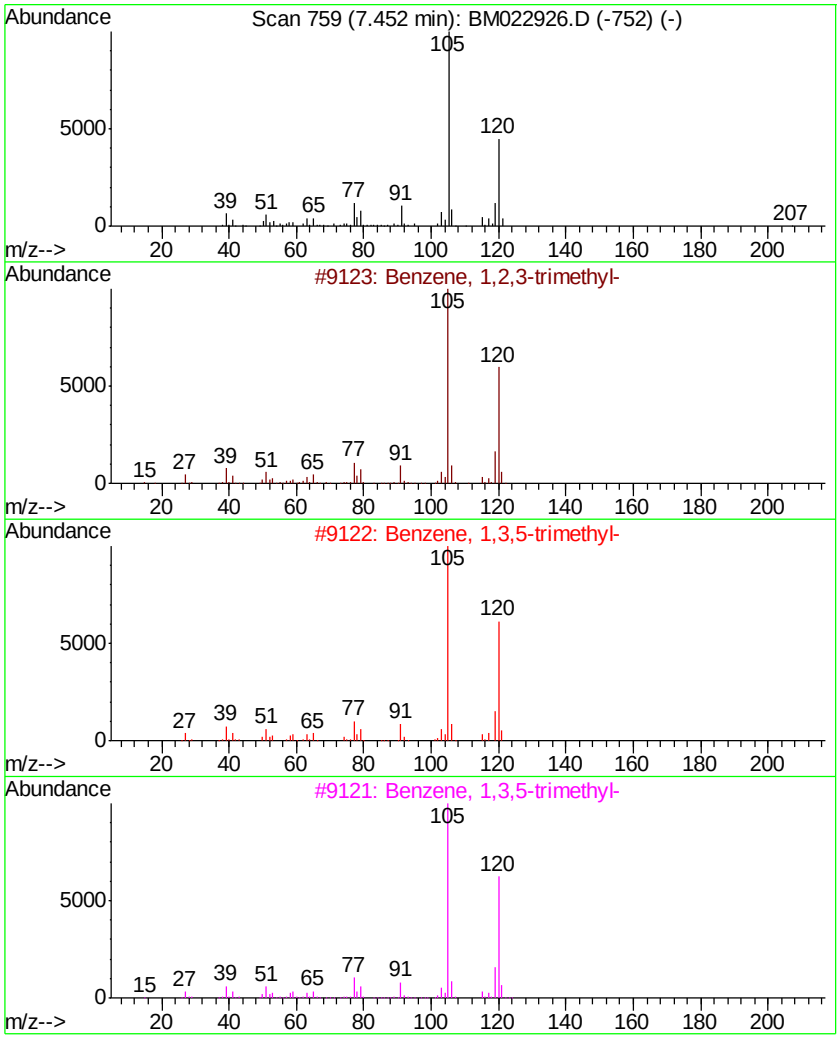
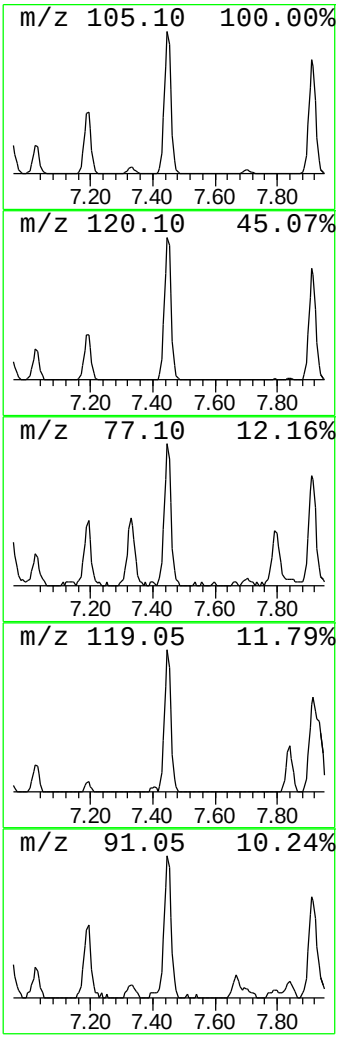
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	6.82 ng/ul	477682	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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ClientSampleId : BFDJ6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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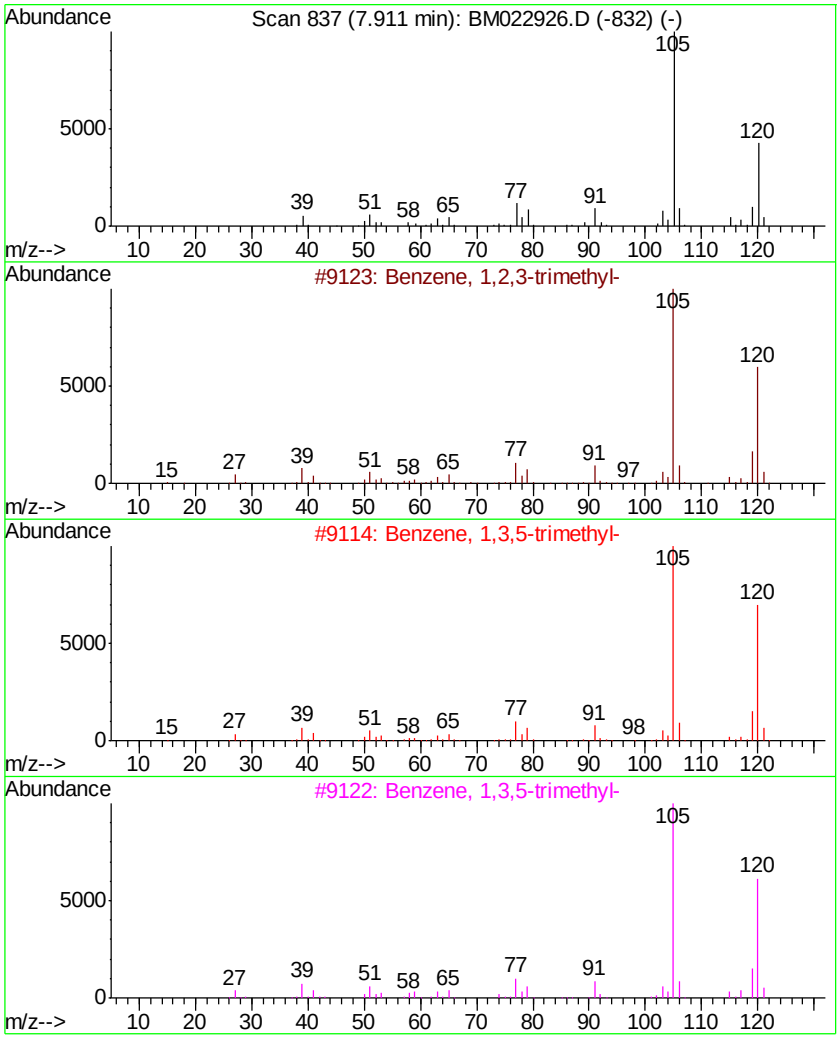
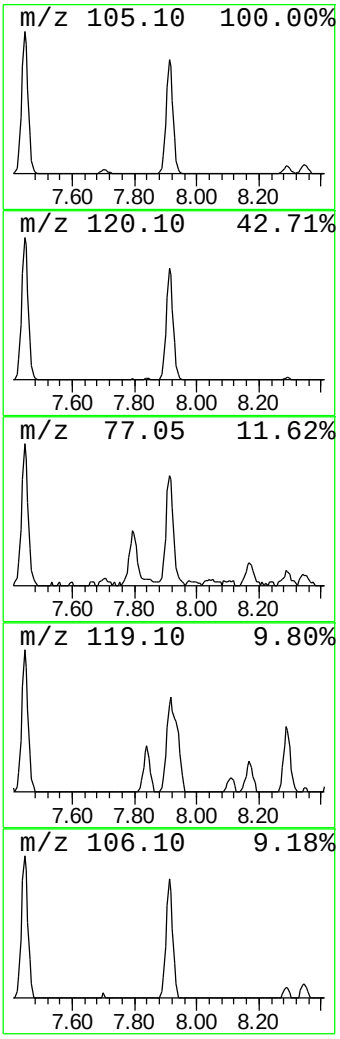
Peak Number 9 Benzene, 1,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	6.04 ng/ul	423092	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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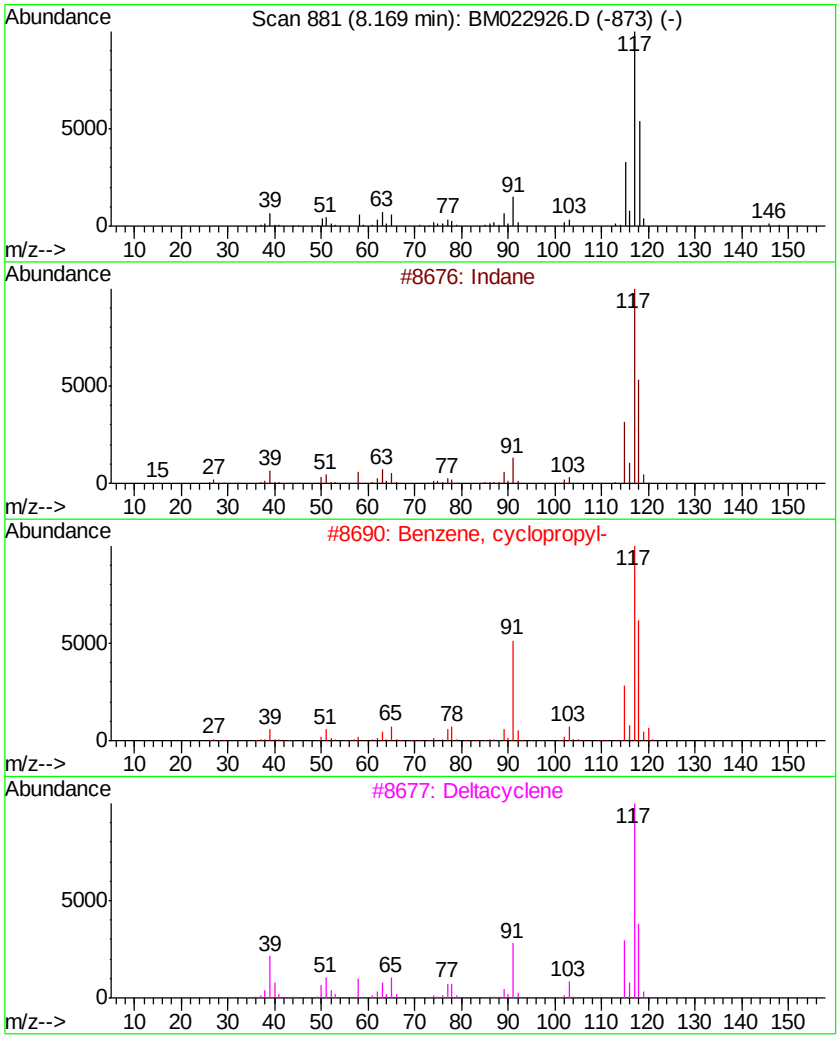
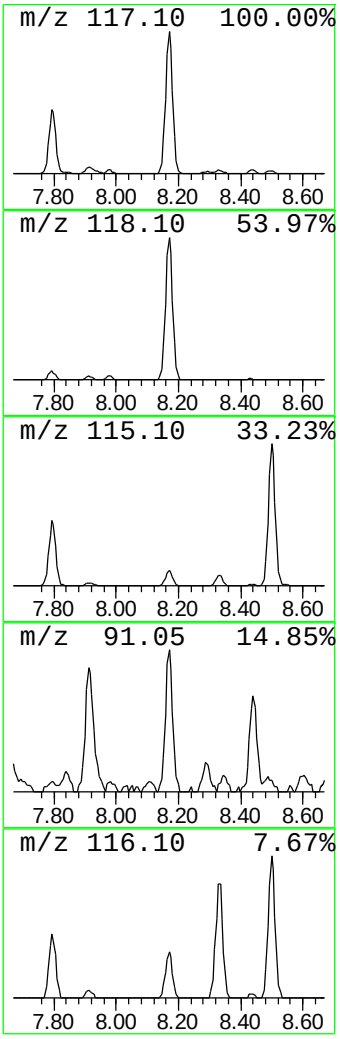
Peak Number 10 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	5.00 ng/ul	350532	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Deltacyclene	118	C9H10	007785-10-6	72
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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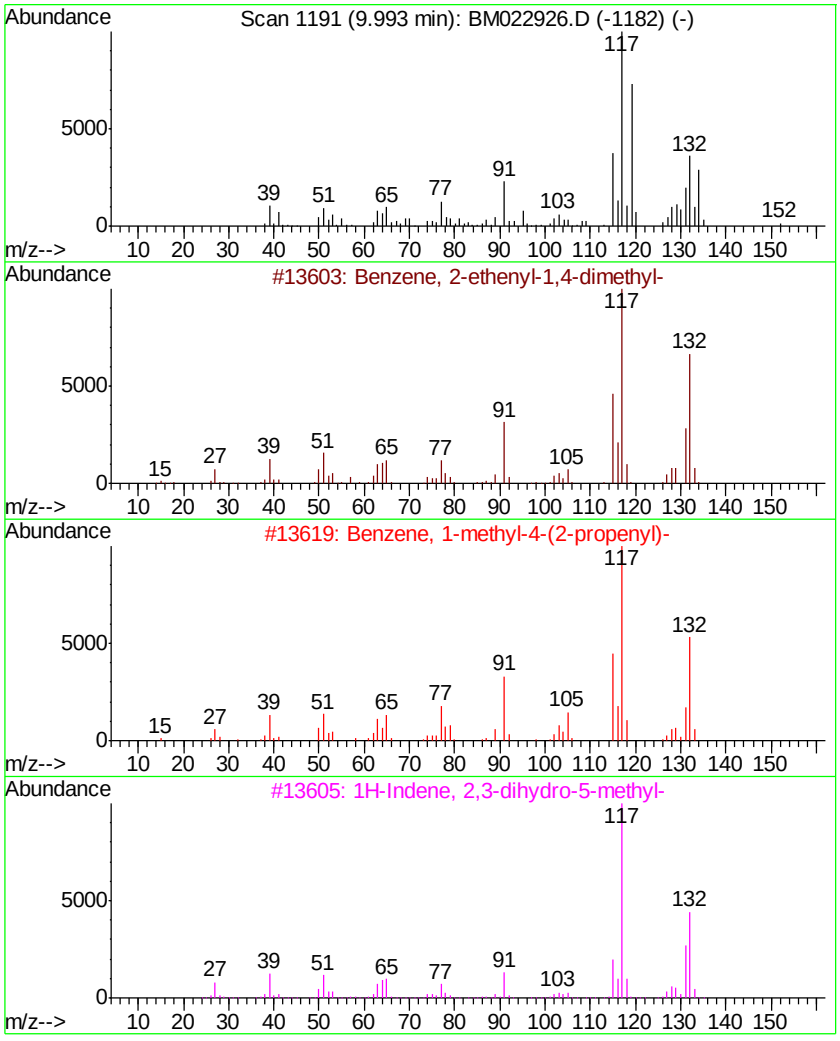
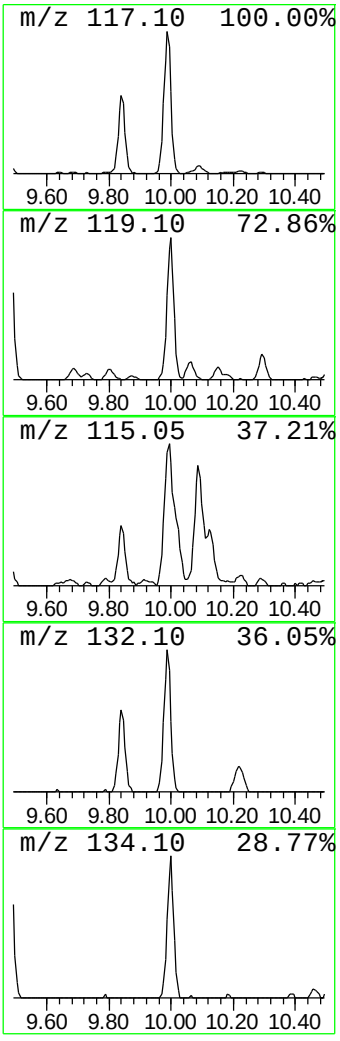
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	4.77 ng/ul	524854	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58





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ClientSampleId : BFDJ6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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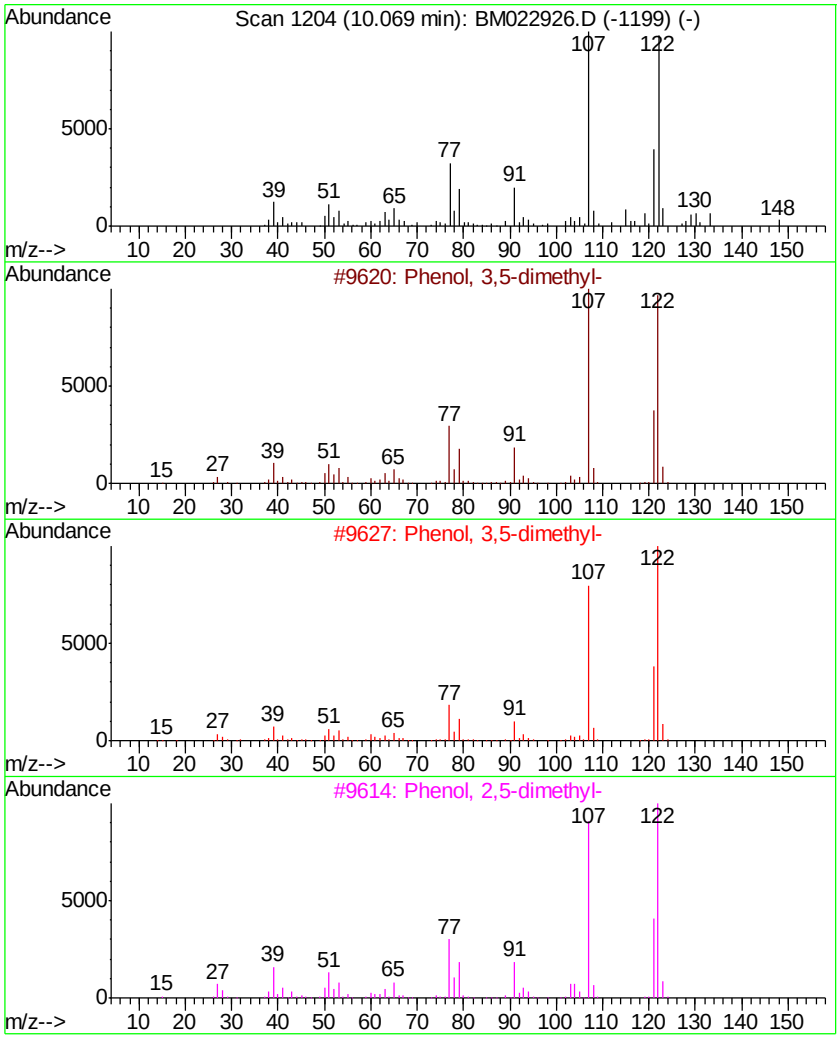
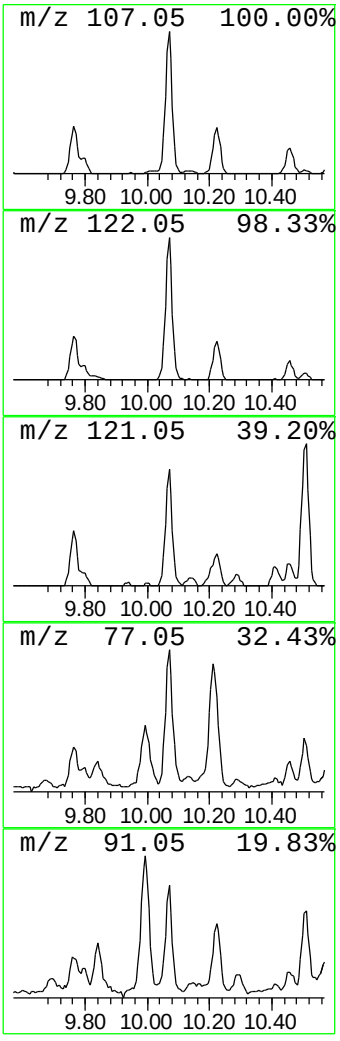
Peak Number 12 Phenol, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.67 ng/ul	403219	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Phenol, p-tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.68 ng/ul	404671	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
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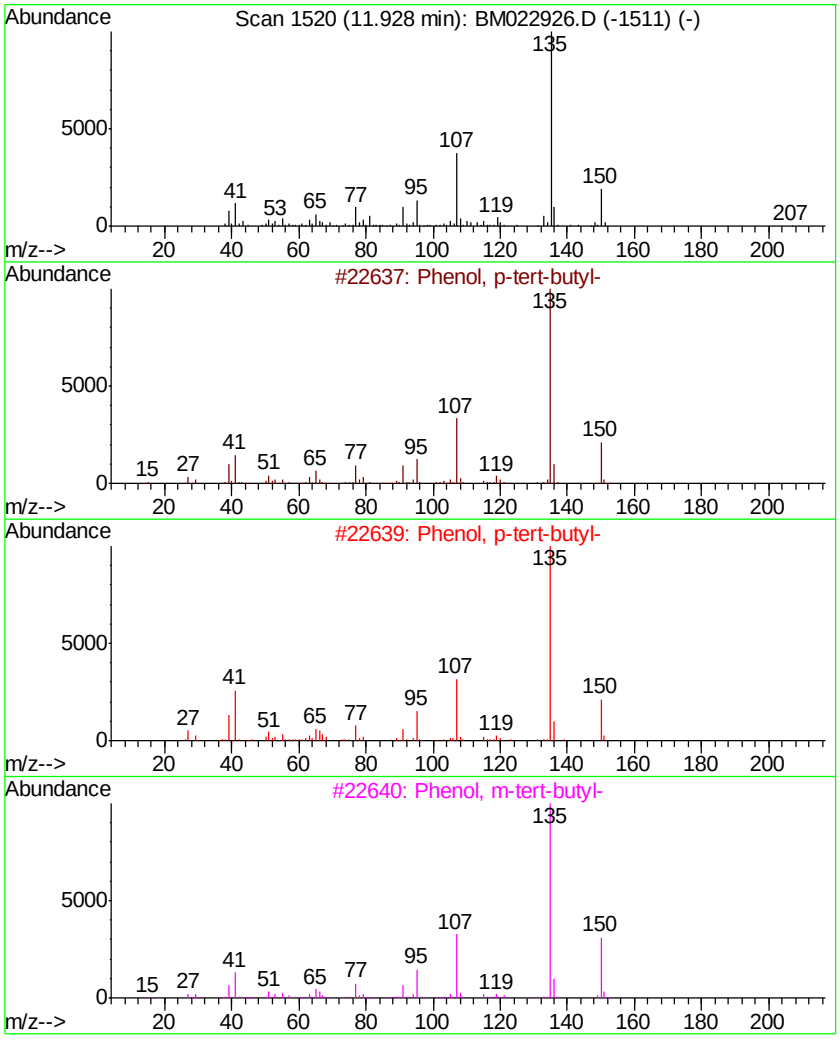

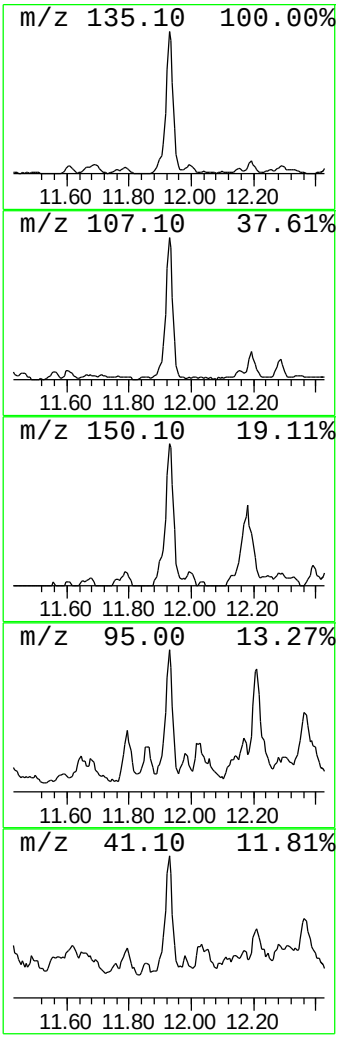

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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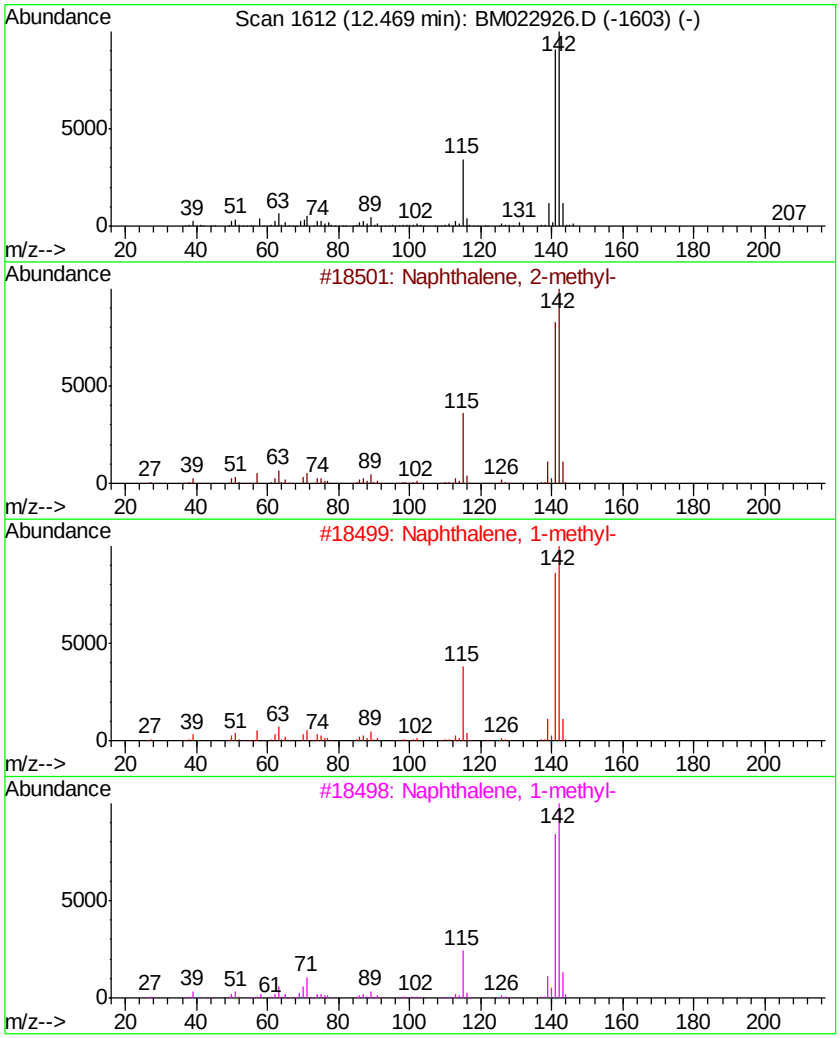
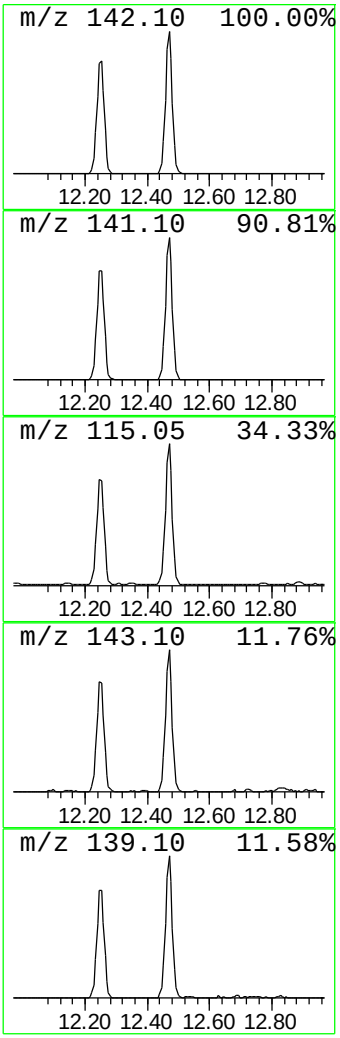
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.10 ng/ul	1331380	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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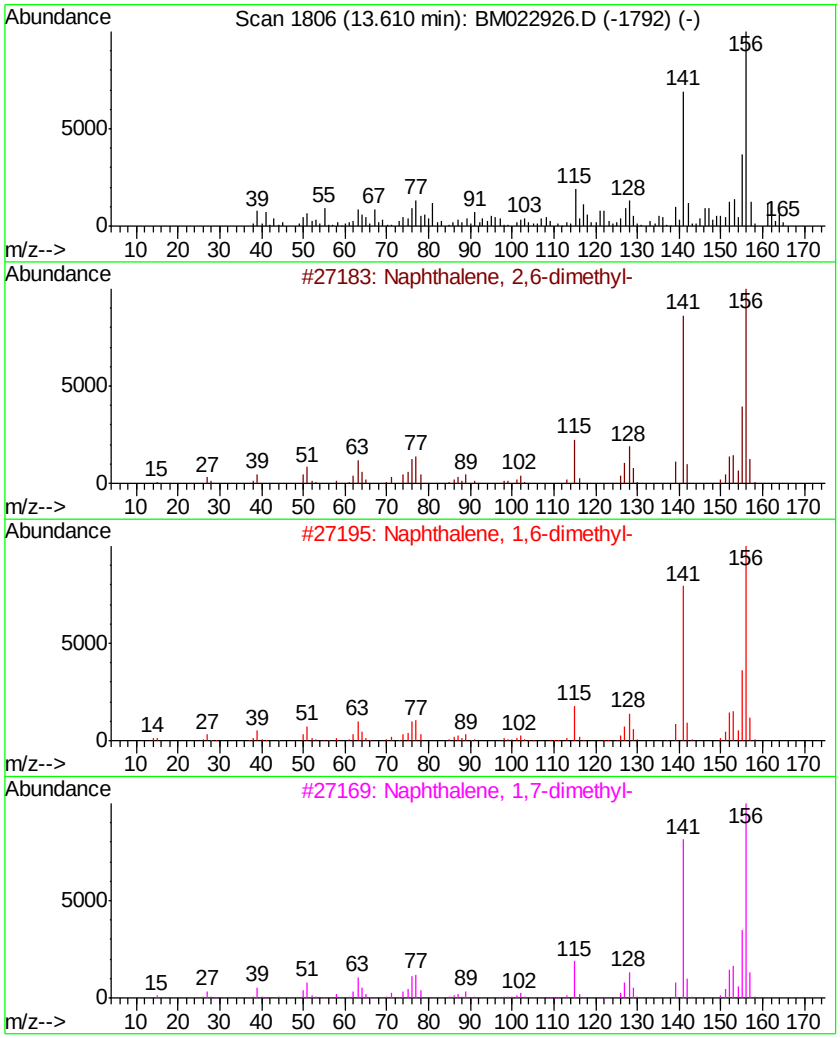
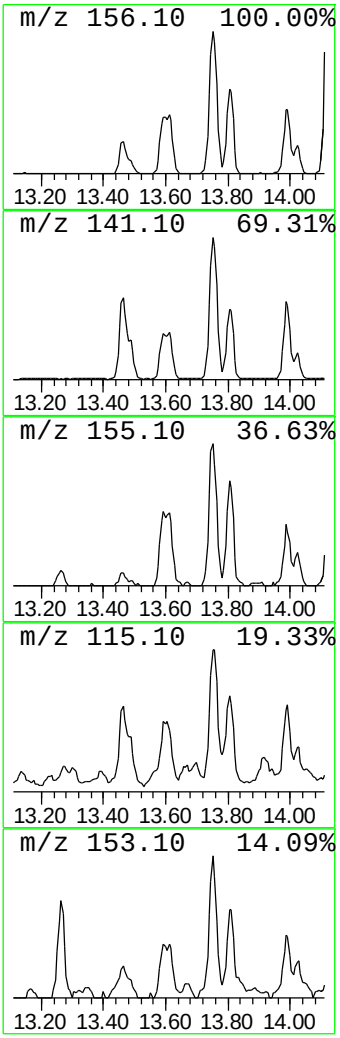
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.78 ng/ul	576362	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.35 ng/ul	510926	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
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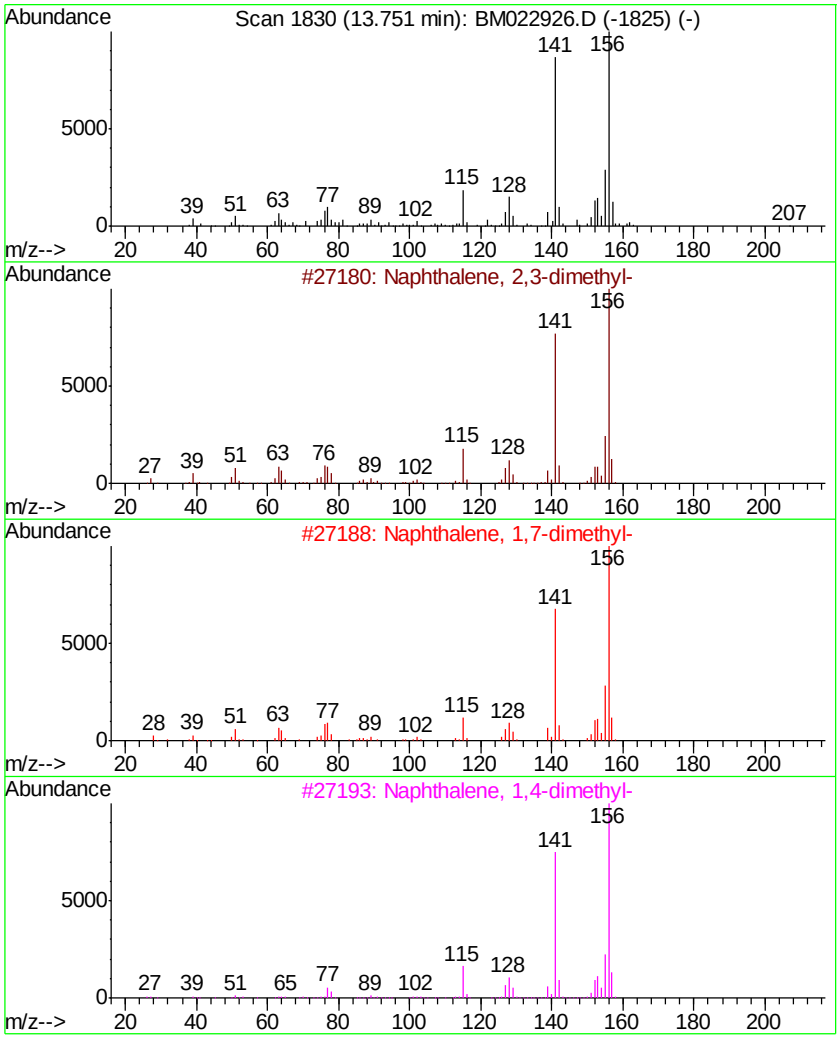

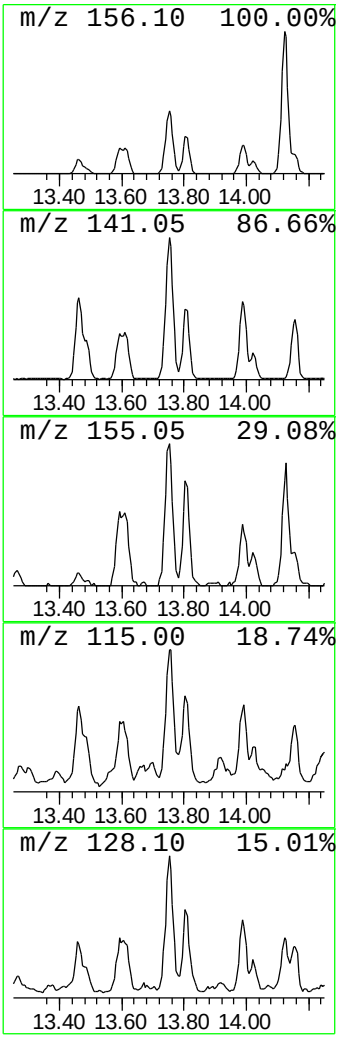

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TIC Integration Parameters: LSCINT.P

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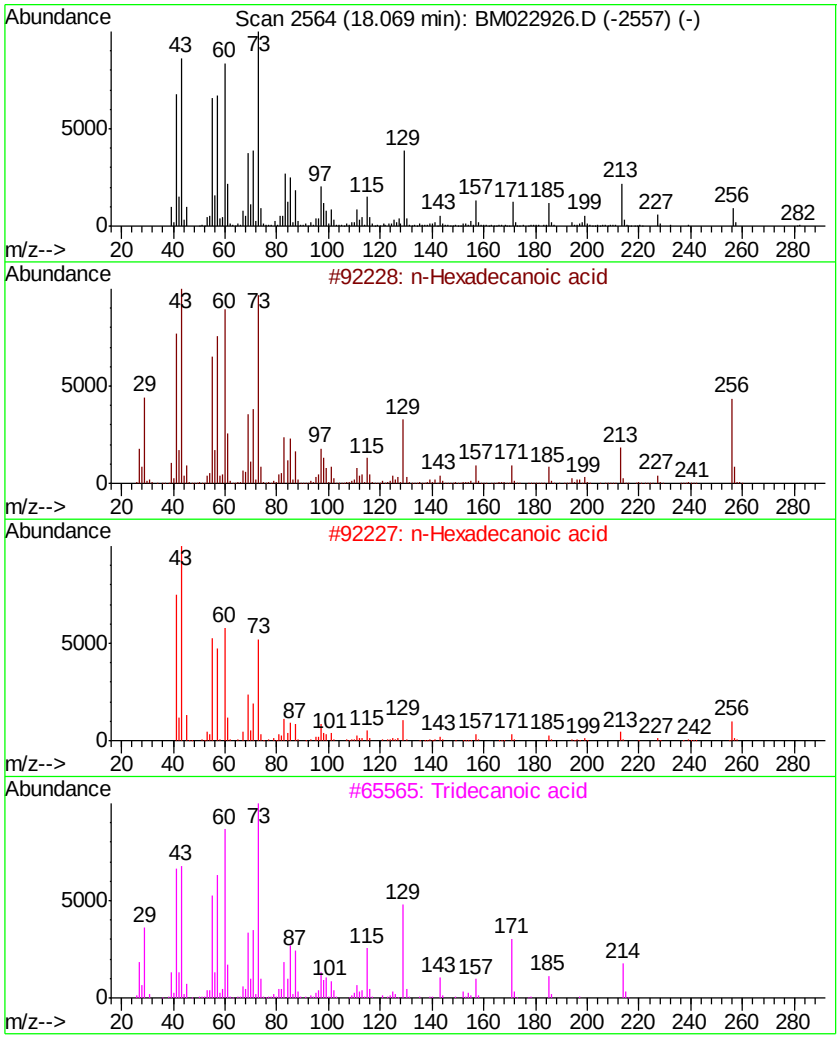
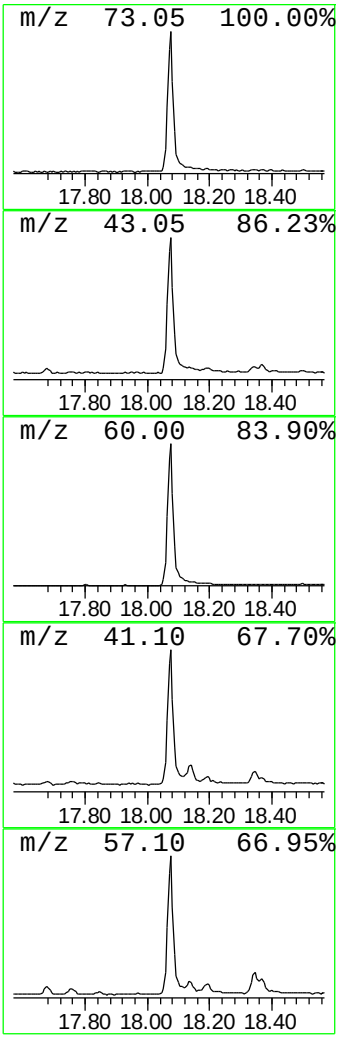
Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	9.65 ng/ul	1560490	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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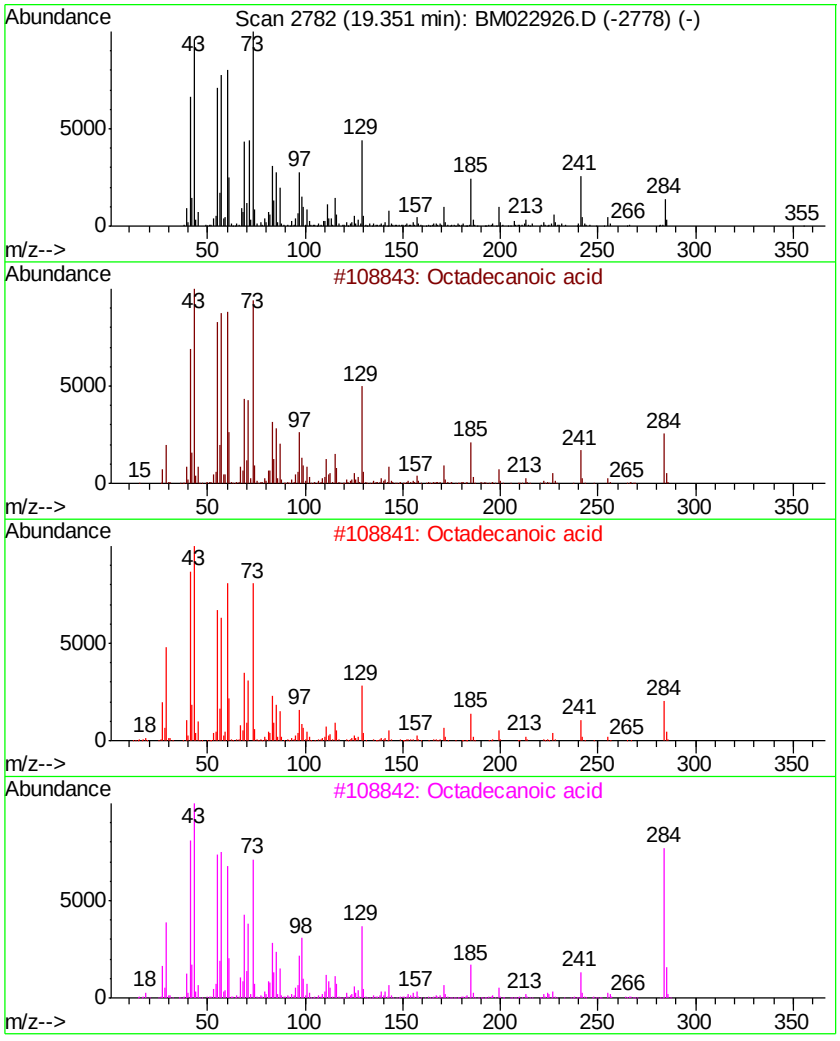
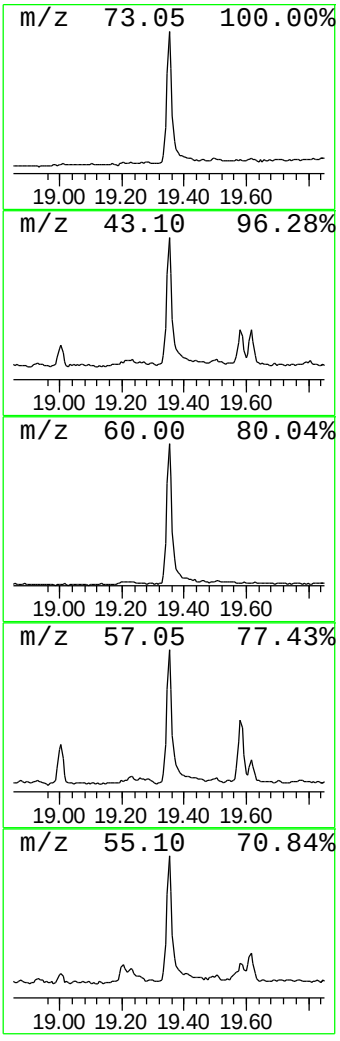
Peak Number 18 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.69 ng/ul	665545	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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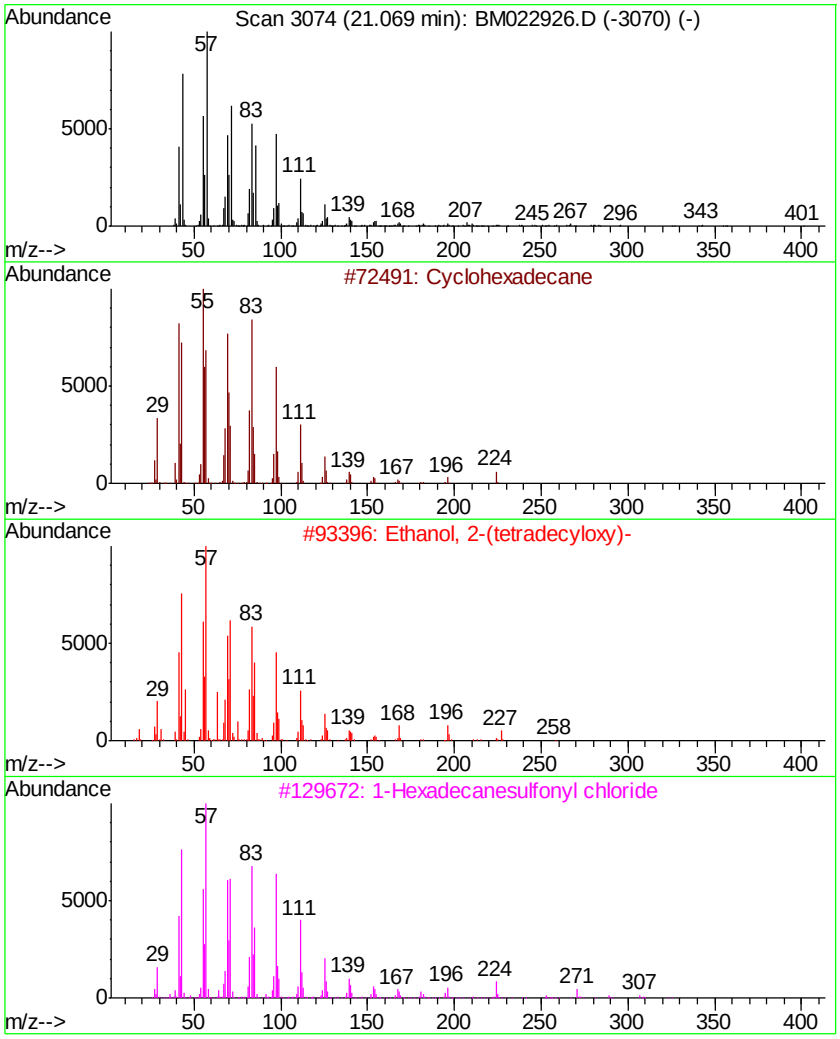
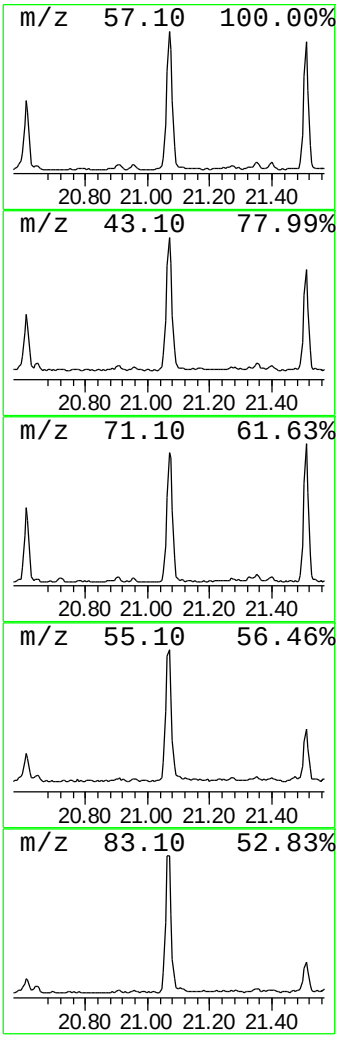
Peak Number 19 (DEL) Alkane: Cyclic21.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	6.00 ng/ul	852724	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	70





Library Search Compound Report

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Acq On : 03 Oct 2019 18:36
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Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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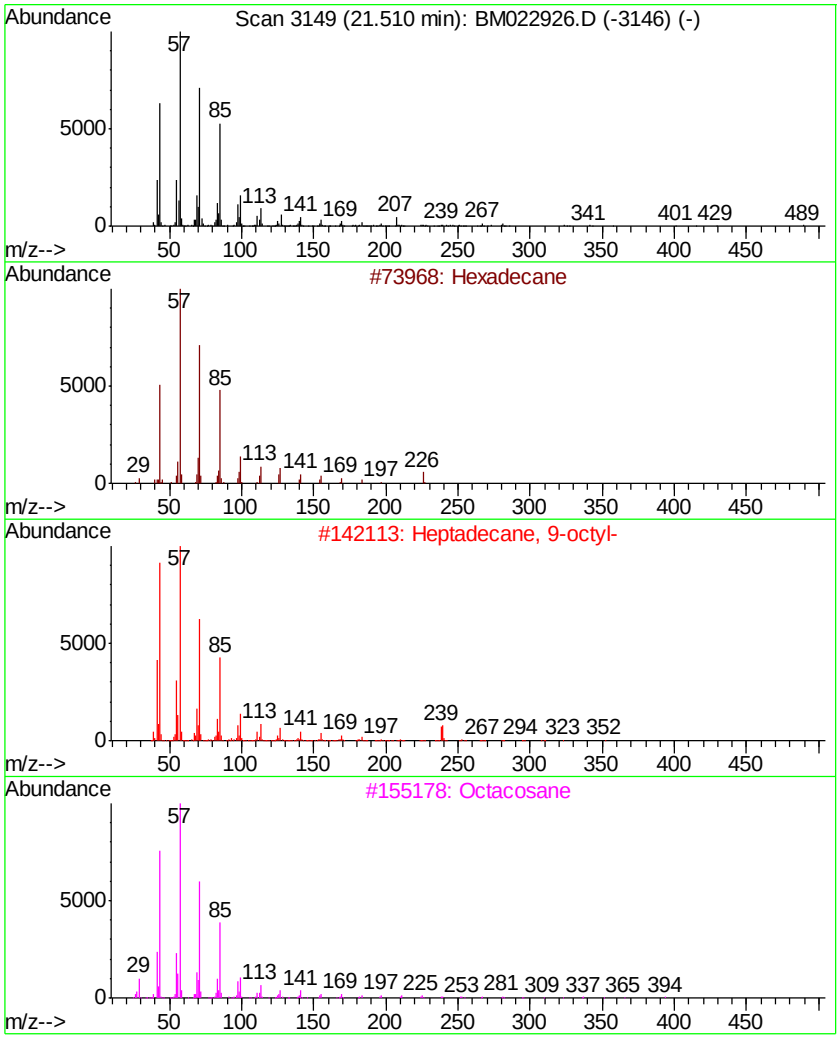
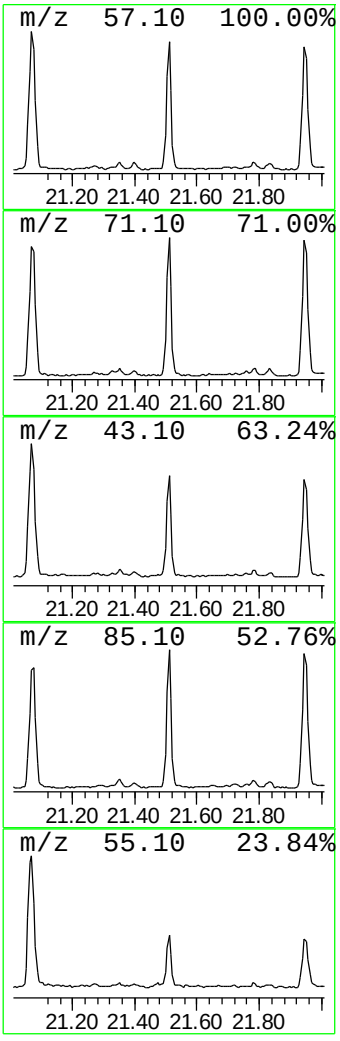
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.59 ng/ul	367820	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	87





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Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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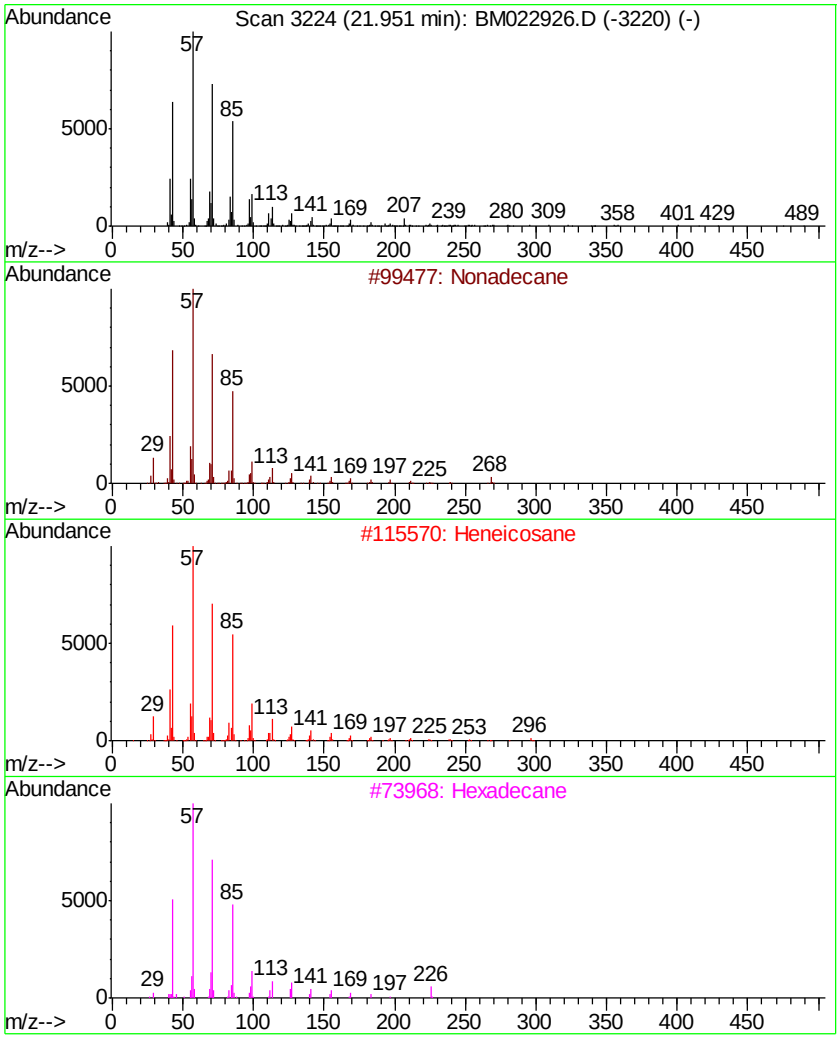
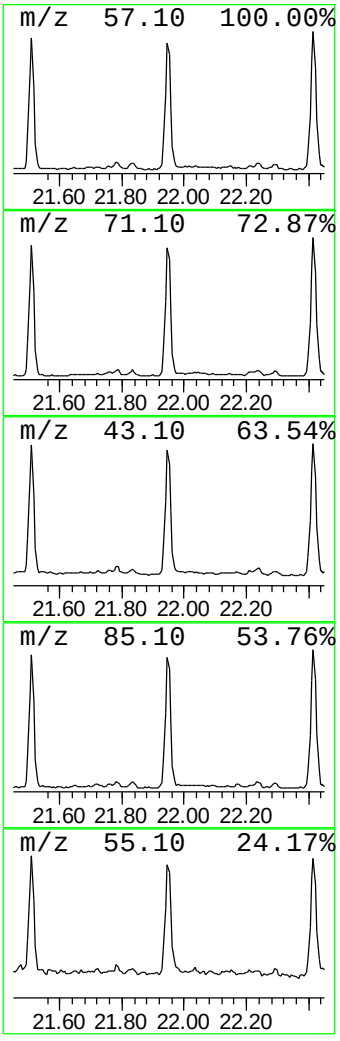
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	3.27 ng/ul	464228	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

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Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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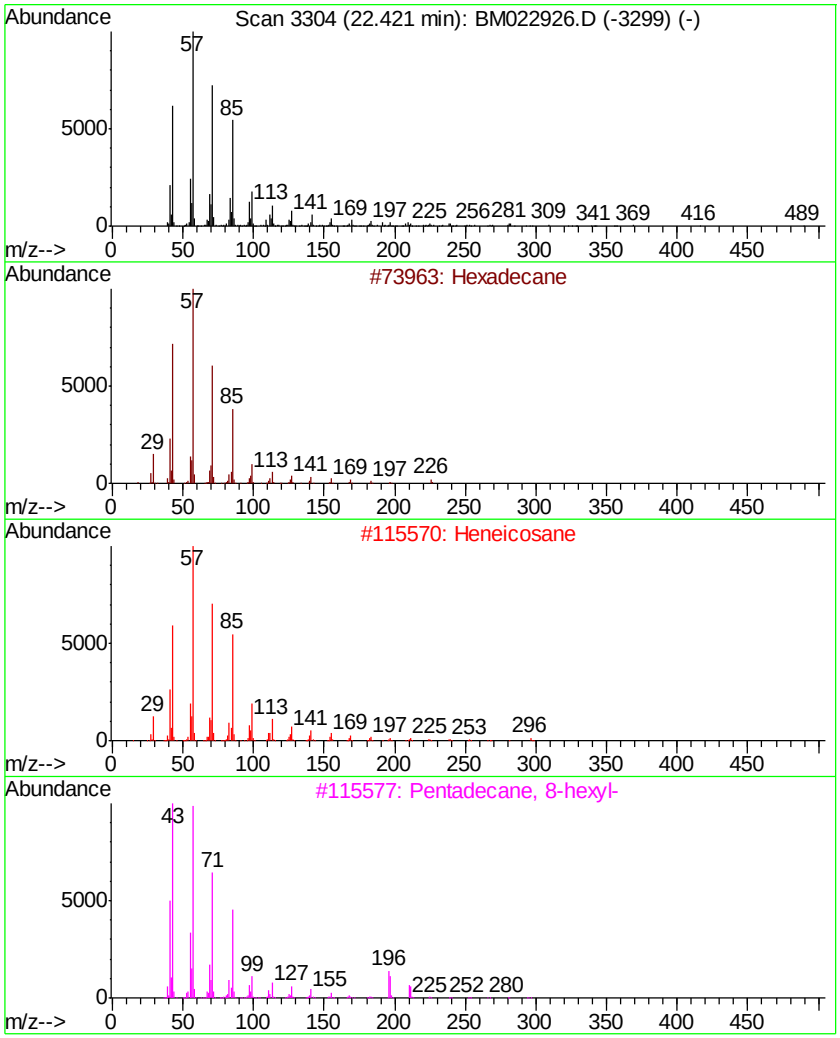
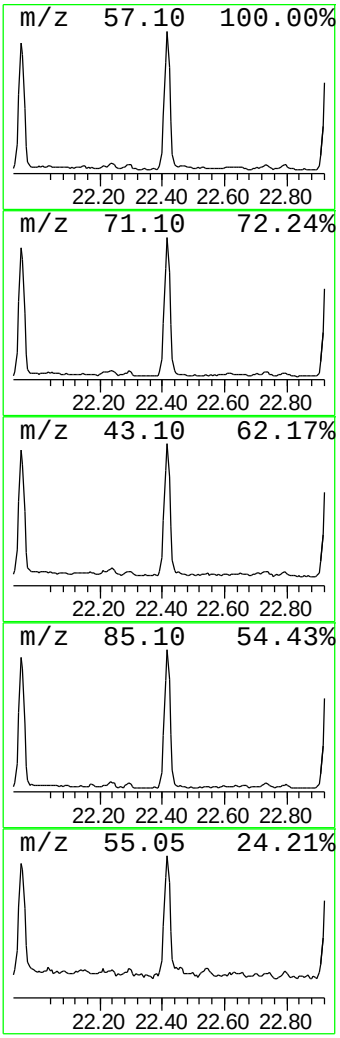
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	3.63 ng/ul	515194	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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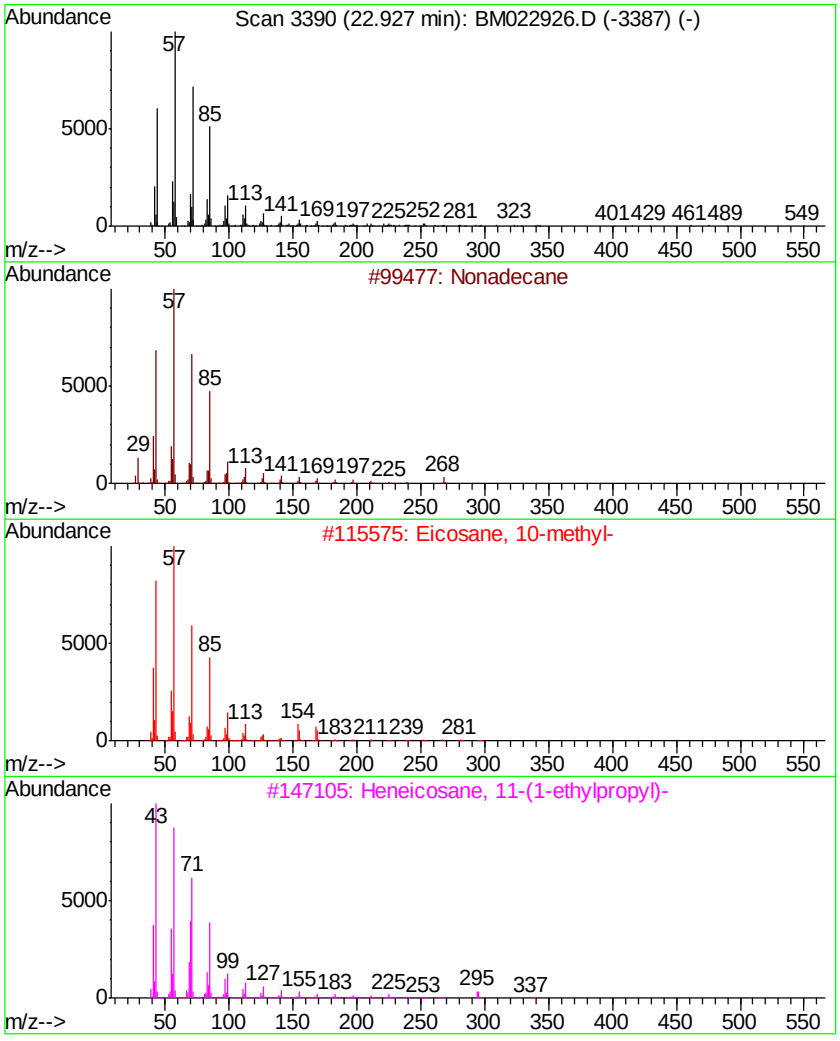
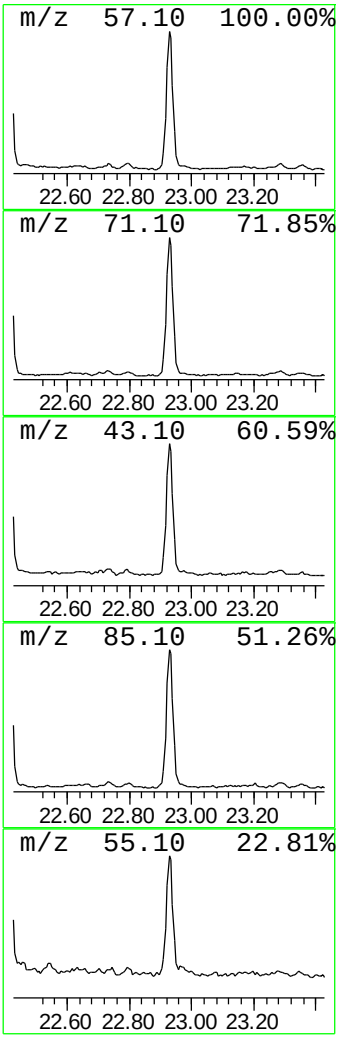
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	4.22 ng/ul	560186	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022926.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K4983-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.72	3.8	ng/ul	267701	1	7.79	1401850	20.0
Propanoic acid, 2...	4.26	8.6	ng/ul	602302	1	7.79	1401850	20.0
Propanoic acid, p...	4.44	12.6	ng/ul	880311	1	7.79	1401850	20.0
Butanoic acid, 1-...	4.89	15.0	ng/ul	1051070	1	7.79	1401850	20.0
Butanoic acid, pr...	5.76	2.3	ng/ul	159043	1	7.79	1401850	20.0
o-Xylene	5.82	4.6	ng/ul	319439	1	7.79	1401850	20.0
Benzene, 1-ethyl-...	7.19	2.9	ng/ul	204504	1	7.79	1401850	20.0
Benzene, 1,2,3-tr...	7.45	6.8	ng/ul	477682	1	7.79	1401850	20.0
Benzene, 1,3,5-tr...	7.91	6.0	ng/ul	423092	1	7.79	1401850	20.0
Indane	8.17	5.0	ng/ul	350532	1	7.79	1401850	20.0
Benzene, 2-etheny...	9.99	4.8	ng/ul	524854	2	10.59	2199980	20.0
Phenol, 3,5-dimet...	10.07	3.7	ng/ul	403219	2	10.59	2199980	20.0
Phenol, p-tert-bu...	11.93	3.7	ng/ul	404671	2	10.59	2199980	20.0
Naphthalene, 1-me...	12.47	12.1	ng/ul	1331380	2	10.59	2199980	20.0
Naphthalene, 2,6-...	13.61	3.8	ng/ul	576362	3	14.43	3051450	20.0
Naphthalene, 2,3-...	13.75	3.4	ng/ul	510926	3	14.43	3051450	20.0
n-Hexadecanoic acid	18.07	9.7	ng/ul	1560490	4	17.17	3235150	20.0
Octadecanoic acid	19.35	4.7	ng/ul	665545	5	21.35	2840780	20.0
(DEL) Alkane: Cyc...	21.07	6.0	ng/ul	852724	5	21.35	2840780	20.0
(DEL) Alkane: Str...	21.51	2.6	ng/ul	367820	5	21.35	2840780	20.0
(DEL) Alkane: Str...	21.95	3.3	ng/ul	464228	5	21.35	2840780	20.0
(DEL) Alkane: Str...	22.42	3.6	ng/ul	515194	5	21.35	2840780	20.0
(DEL) Alkane: Str...	22.93	4.2	ng/ul	560186	6	23.62	2653430	20.0