LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

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-BM102319MA.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	3.481	80	84	101	rVB	2053562	2757126	2.41%	0.510%
2	3.869	143	150	168	rVB3	54668959	114547974	100.00%	21.194%
3	4.557	258	267	279	rVB	344552	785194	0.69%	0.145%
4	4.704	283	292	301	rVB4	292166	720401	0.63%	0.133%
5	4.963	329	336	351	rVB	7604674	11408421	9.96%	2.111%
6	5.157	362	369	380	rVV	20035600	29949620	26.15%	5.541%
7	5.292	384	392	402	rVV	31727089	65135447	56.86%	12.051%
8	5.651	446	453	466	rVB	17562043	26008470	22.71%	4.812%
9	6.022	510	516	520	rBV2	479211	844025	0.74%	0.156%
10	6.122	527	533	540	rVV	1315018	2179009	1.90%	0.403%
11	6.304	558	564	571	rBV	811325	1257644	1.10%	0.233%
12	6.610	607	616	620	rBV	1122970	1871966	1.63%	0.346%
13	6.716	629	634	639	rVV	2995889	4401948	3.84%	0.814%
14	6.781	639	645	650	rVV4	2175790	4626934	4.04%	0.856%
15	6.851	650	657	662	rVV2	1775487	3931129	3.43%	0.727%
16	6.904	662	666	670	rVV2	578806	858815	0.75%	0.159%
17	6.957	670	675	680	rVV	1031350	1616987	1.41%	0.299%
18	7.016	680	685	687	rVV	1545144	2408410	2.10%	0.446%
19	7.045	687	690	694	rVV	1732435	2849982	2.49%	0.527%
20	7.086	694	697	703	rVV	2392711	3453429	3.01%	0.639%
21	7.151	703	708	718	rVV3	1627614	3273837	2.86%	0.606%
22	7.269	718	728	735	rVV2	7009369	12155242	10.61%	2.249%
23	7.616	776	787	790	rBV2	1621617	3103783	2.71%	0.574%
24	7.651	790	793	798	rVB2	529912	789610	0.69%	0.146%
25	7.734	798	807	817	rVB	2012677	3601198	3.14%	0.666%
26	7.828	817	823	834	rVB4	619288	1179123	1.03%	0.218%
27	7.963	834	846	854	rBV2	1068793	2848391	2.49%	0.527%
28	8.045	854	860	868	rBV	8229966	14218570	12.41%	2.631%
29	8.251	887	895	903	rBV	13609112	23154561	20.21%	4.284%
30	8.328	903	908	912	rVB	965280	1490633	1.30%	0.276%
31	8.386	912	918	924	rBV	1670677	3098470	2.70%	0.573%
32	8.716	967	974	977	rBV2	501643	853161	0.74%	0.158%
33	8.763	977	982	987	rVV	1265546	2177553	1.90%	0.403%
34	8.851	993	997	1005	rVB5	361459	921240	0.80%	0.170%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

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-BM102319MA.M
Title : SVOA CALIBRATION

35	8.939	1005	1012	1020	rVB	3592099	6053898	5.29%	1.120%
36	9.039	1022	1029	1038	rVB6	452228	1046799	0.91%	0.194%
37	9.480	1098	1104	1111	rBV	1066368	1802476	1.57%	0.333%
38	9.716	1137	1144	1148	rVV3	860100	1904613	1.66%	0.352%
39	9.763	1148	1152	1156	rVV4	351018	760429	0.66%	0.141%
40	9.816	1156	1161	1170	rVV4	1510441	2916250	2.55%	0.540%
41	9.886	1170	1173	1180	rVB2	447926	698045	0.61%	0.129%
42	9.986	1180	1190	1192	rBV	556972	1054130	0.92%	0.195%
43	10.022	1192	1196	1205	rVB2	1829128	3210218	2.80%	0.594%
44	10.216	1225	1229	1234	rVB	473058	722961	0.63%	0.134%
45	10.275	1234	1239	1244	rBV	810618	1296368	1.13%	0.240%
46	10.392	1253	1259	1264	rBV	2140716	3507394	3.06%	0.649%
47	10.439	1264	1267	1278	rVB2	770945	1529004	1.33%	0.283%
48	10.810	1325	1330	1338	rVB	1001661	1745585	1.52%	0.323%
49	10.980	1349	1359	1364	rBV3	1002396	2653975	2.32%	0.491%
50	11.074	1370	1375	1382	rVB3	430873	872426	0.76%	0.161%
51	11.233	1391	1402	1407	rVV6	521486	1329938	1.16%	0.246%
52	11.286	1407	1411	1416	rVV3	454795	774200	0.68%	0.143%
53	11.404	1424	1431	1438	rVV4	1048418	2534166	2.21%	0.469%
54	11.480	1438	1444	1449	rVV	4417037	7723965	6.74%	1.429%
55	11.533	1449	1453	1461	rVV2	1124202	2032043	1.77%	0.376%
56	11.669	1472	1476	1482	rVV4	342459	674093	0.59%	0.125%
57	11.751	1482	1490	1498	rVV	2400205	4631820	4.04%	0.857%
58	11.998	1525	1532	1539	rVV3	350801	950309	0.83%	0.176%
59	12.245	1566	1574	1580	rVV2	1040930	2416921	2.11%	0.447%
60	12.516	1616	1620	1630	rVB3	281173	671335	0.59%	0.124%
61	12.751	1655	1660	1667	rBV2	583748	960713	0.84%	0.178%
62	12.827	1667	1673	1681	rVV2	765109	1509724	1.32%	0.279%
63	13.180	1727	1733	1740	rBV	1384909	2396169	2.09%	0.443%
64	13.680	1811	1818	1823	rVV	3725008	5657199	4.94%	1.047%
65	13.727	1823	1826	1829	rVV	897064	1389904	1.21%	0.257%
66	13.768	1829	1833	1838	rVV	2128330	3137085	2.74%	0.580%
67	13.951	1859	1864	1874	rVB	3852138	5762432	5.03%	1.066%
68	14.262	1910	1917	1922	rBV	3744977	5869151	5.12%	1.086%
69	14.310	1922	1925	1933	rVB	855717	1215905	1.06%	0.225%
70	14.410	1933	1942	1947	rBV2	524825	852978	0.74%	0.158%
71	14.486	1947	1955	1963	rBV4	468354	1003258	0.88%	0.186%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

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-BM102319MA.M
Title : SVOA CALIBRATION

72	14.804	2005	2009	2015	rVB	498698	711091	0.62%	0.132%
73	15.004	2032	2043	2051	rBV	1469547	2896919	2.53%	0.536%
74	15.262	2077	2087	2088	rBV	5357051	7417335	6.48%	1.372%
75	15.286	2088	2091	2101	rVB	8361563	11165438	9.75%	2.066%
76	15.386	2101	2108	2113	rBV	1534627	2167823	1.89%	0.401%
77	15.521	2127	2131	2136	rVB2	391629	683591	0.60%	0.126%
78	15.698	2155	2161	2170	rVV2	1077079	1716817	1.50%	0.318%
79	15.780	2170	2175	2186	rVB4	574081	1392380	1.22%	0.258%
80	15.951	2198	2204	2209	rVV	808598	1236626	1.08%	0.229%
81	16.156	2228	2239	2243	rBV	586682	1432754	1.25%	0.265%
82	16.327	2264	2268	2275	rVB3	604600	948922	0.83%	0.176%
83	16.404	2276	2281	2291	rVB2	416180	793515	0.69%	0.147%
84	16.980	2374	2379	2380	rBV	1251690	1517469	1.32%	0.281%
85	17.009	2380	2384	2395	rVB	4396255	6321536	5.52%	1.170%
86	17.109	2395	2401	2407	rBV	5971483	8270172	7.22%	1.530%
87	17.933	2536	2541	2546	rBV	1036093	1345482	1.17%	0.249%
88	18.056	2557	2562	2566	rBV	919483	1257076	1.10%	0.233%
89	18.156	2574	2579	2581	rVV2	1140412	1762338	1.54%	0.326%
90	18.203	2581	2587	2595	rVB	1352209	2922981	2.55%	0.541%
91	18.486	2629	2635	2644	rBV4	296072	714733	0.62%	0.132%
92	19.409	2786	2792	2798	rVV	6718097	9170799	8.01%	1.697%
93	19.468	2798	2802	2812	rVB	2326837	2984309	2.61%	0.552%
94	19.668	2832	2836	2840	rVB2	561374	702806	0.61%	0.130%
95	19.921	2875	2879	2883	rBV3	504874	716484	0.63%	0.133%
96	20.944	3049	3053	3061	rBV	1861683	2348200	2.05%	0.434%
97	21.203	3092	3097	3103	rBV	5337240	6839405	5.97%	1.265%
98	21.333	3115	3119	3126	rBV	3130552	4178747	3.65%	0.773%
99	23.262	3440	3447	3453	rBV	5576126	9995834	8.73%	1.849%
100	23.397	3464	3470	3480	rVB	3909079	7127234	6.22%	1.319%

Sum of corrected areas: 540484998

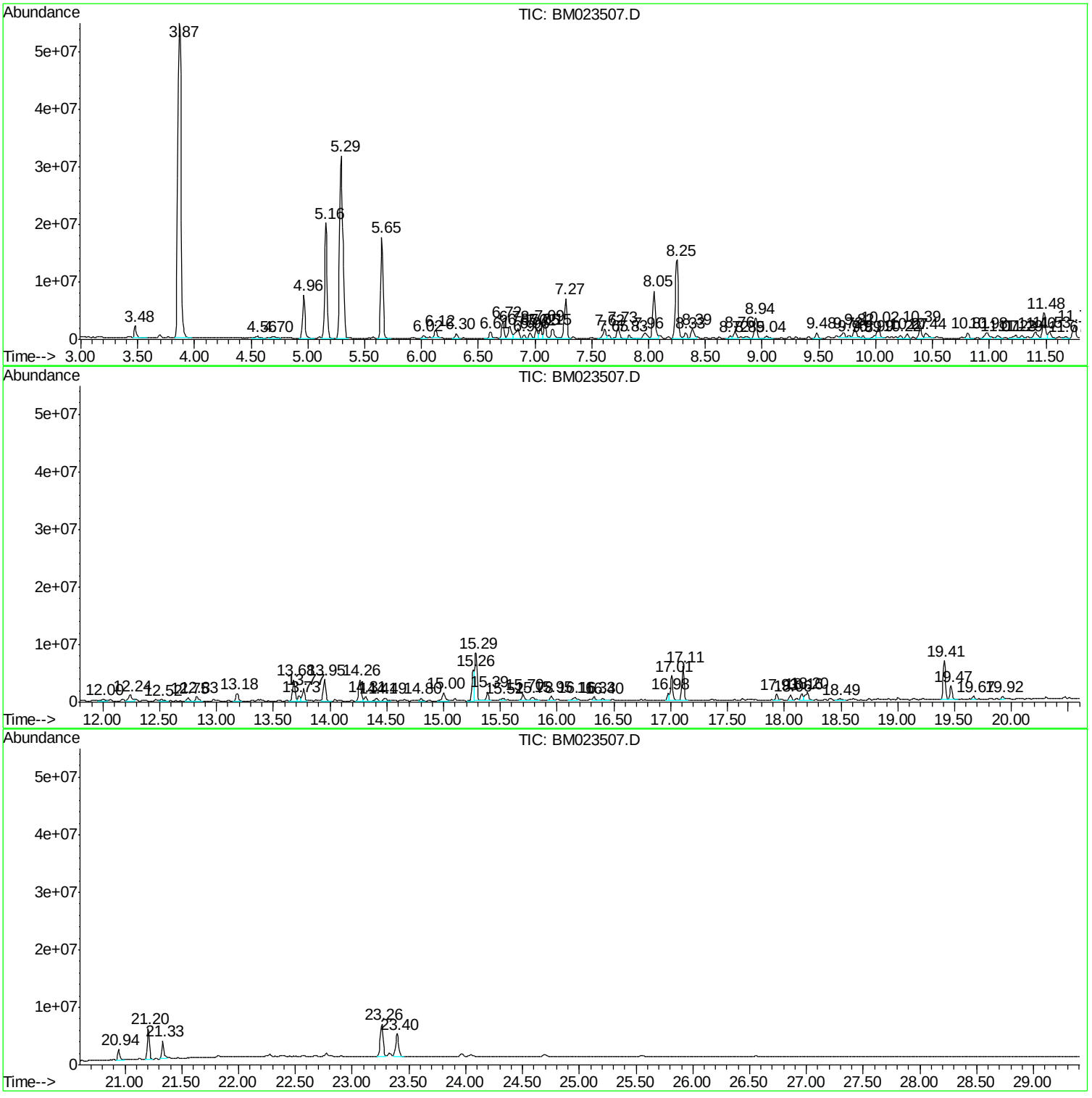
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

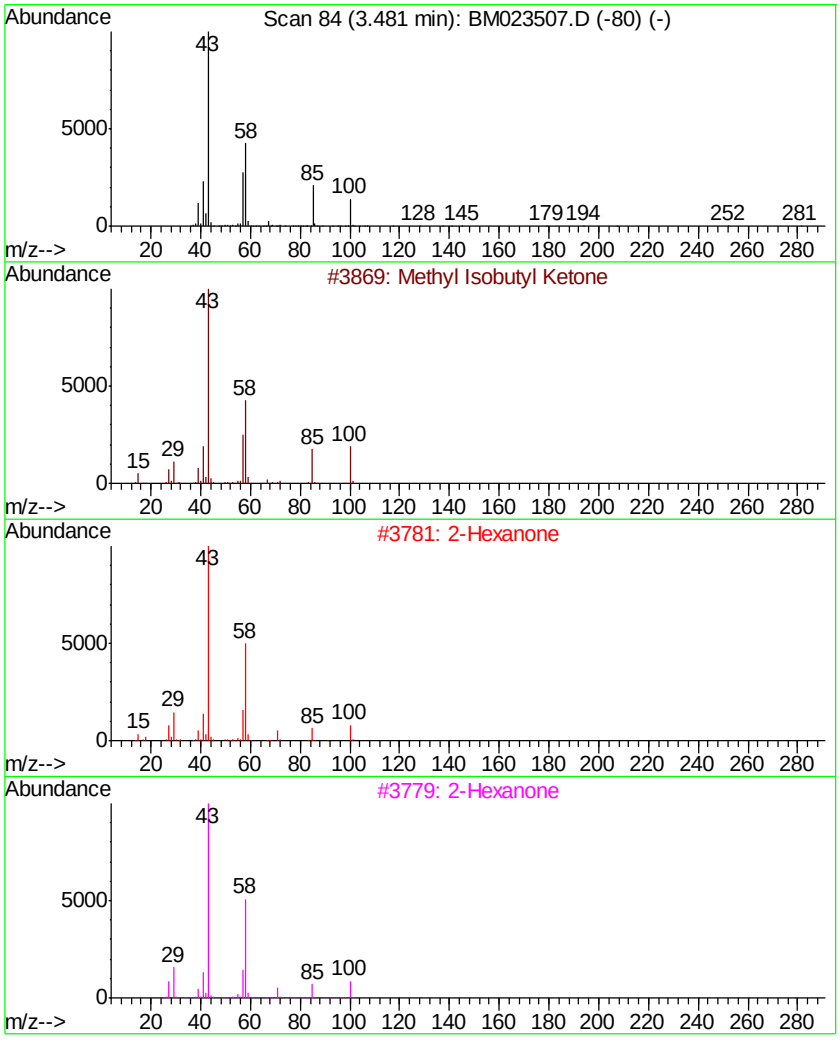
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

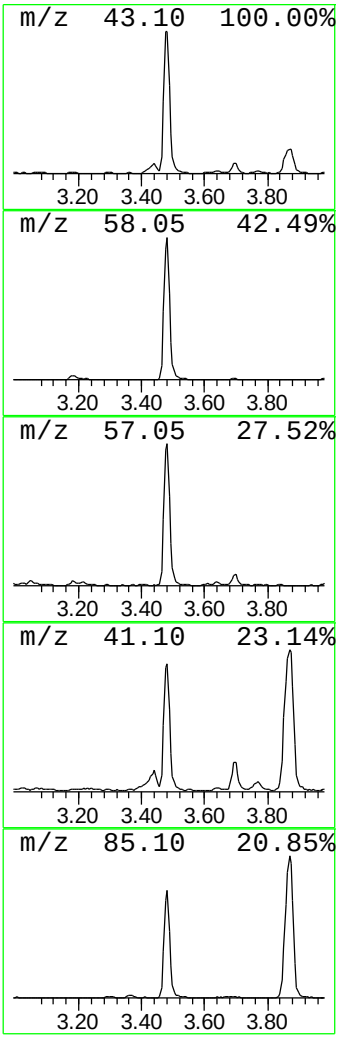
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	17.77 ng/ul	2757130	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	2-Hexanone	100	C6H12O	000591-78-6	72
3	2-Hexanone	100	C6H12O	000591-78-6	72
4	2-Hexanone	100	C6H12O	000591-78-6	72
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

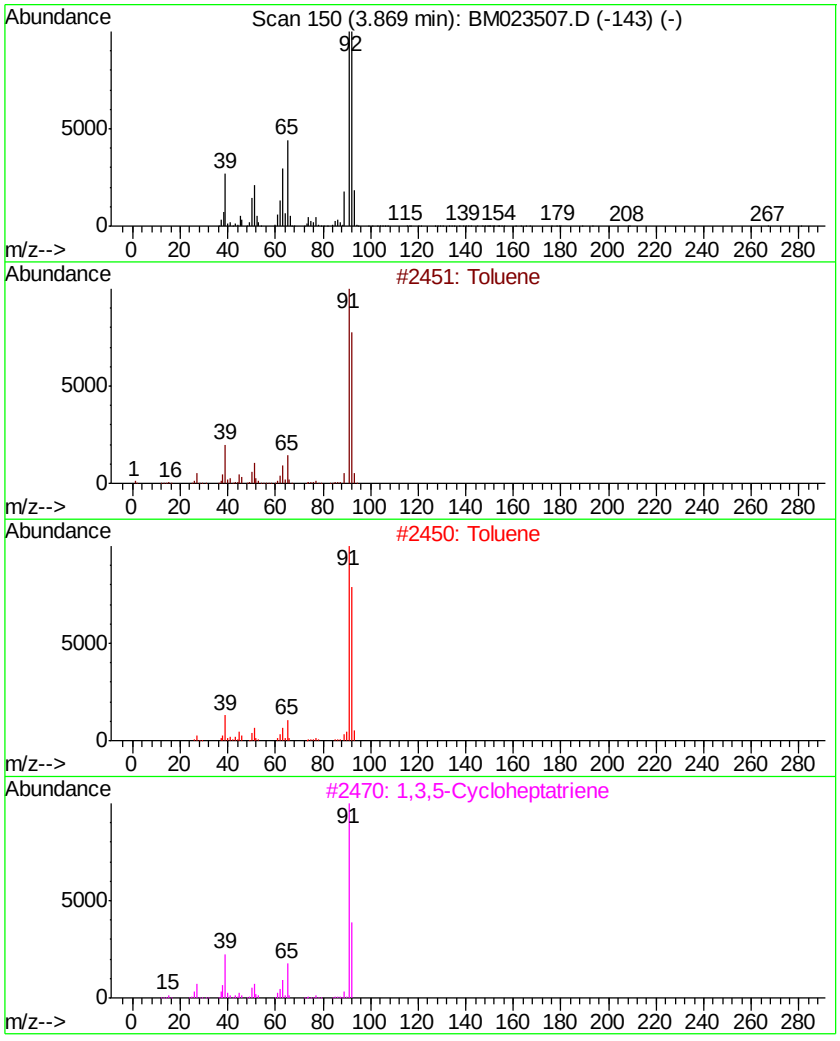
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

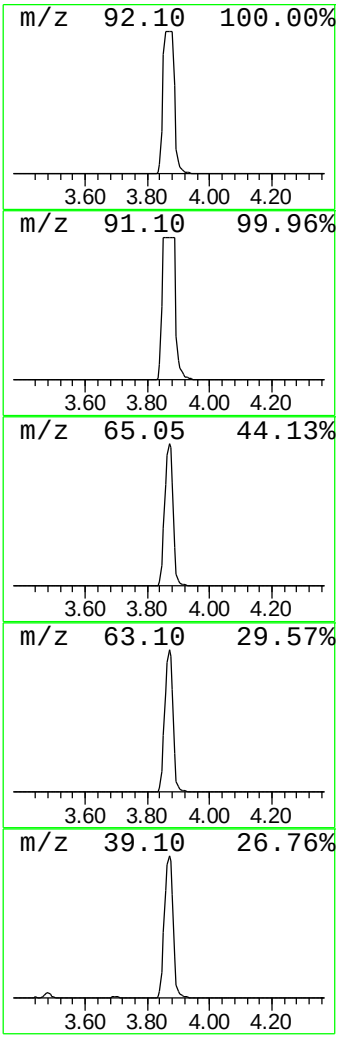
****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	738.12 ng/ul	114548000	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
4	Toluene	92	C7H8	000108-88-3	86
5	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

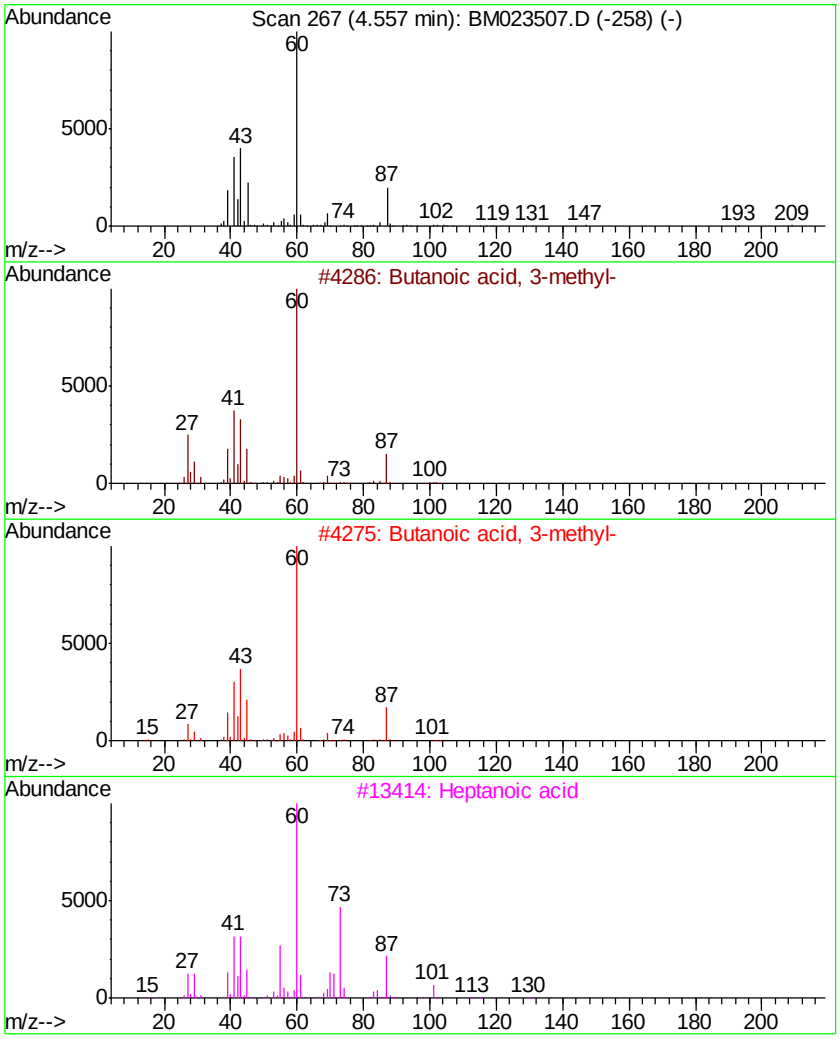
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

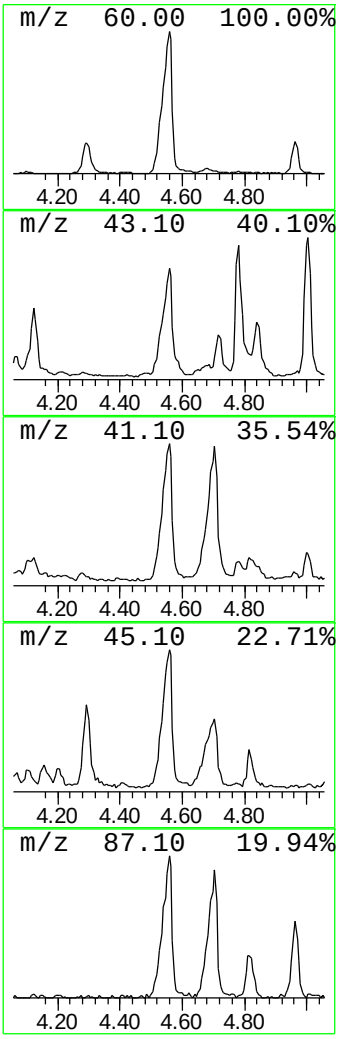
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	5.06 ng/ul	785194	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	91
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
3	Heptanoic acid	130	C7H14O2	000111-14-8	39
4	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	38
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

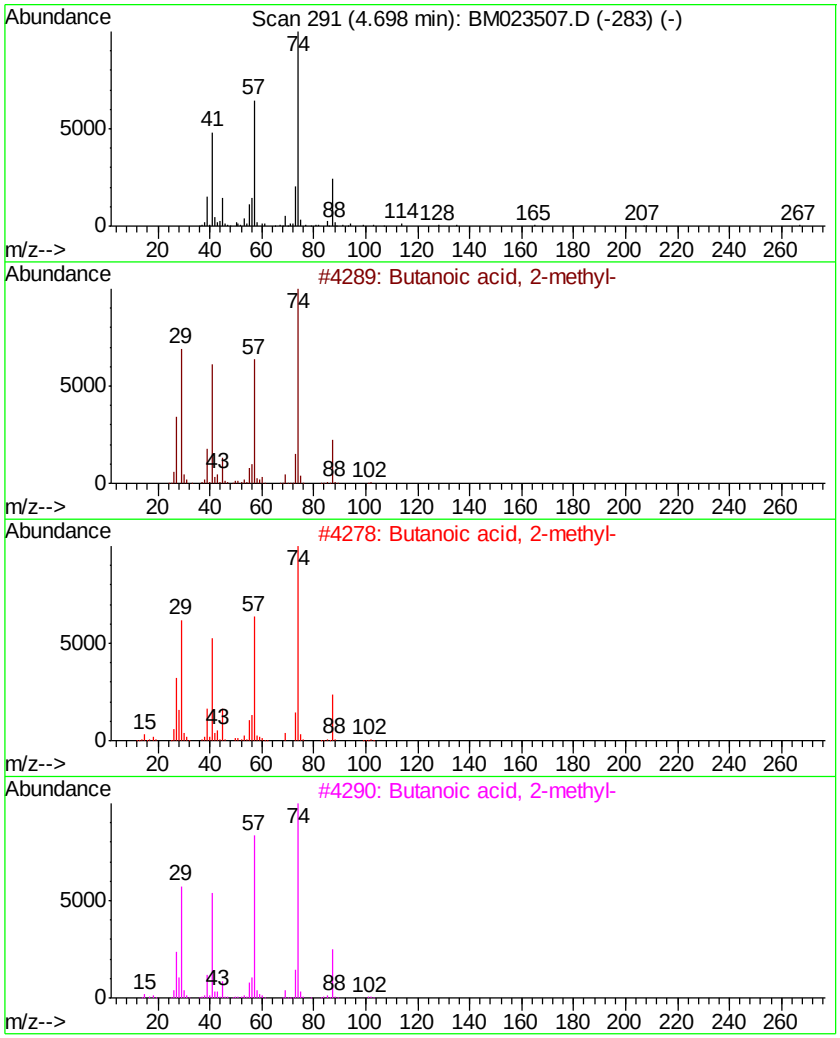
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

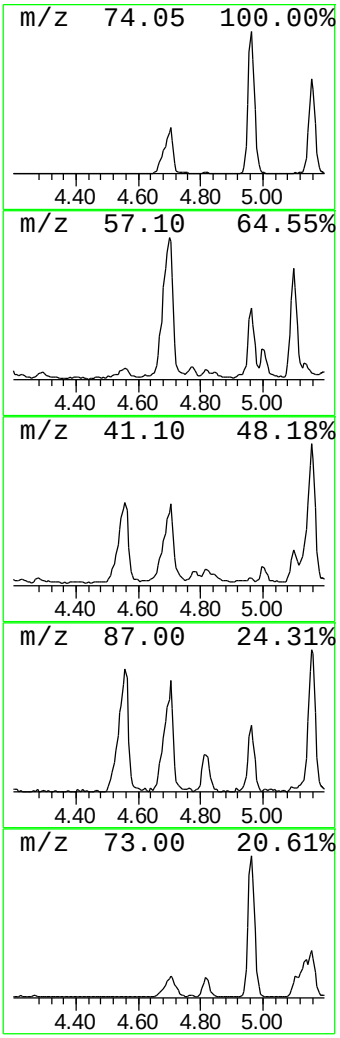
****

Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	4.64 ng/ul	720401	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	91
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
4	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

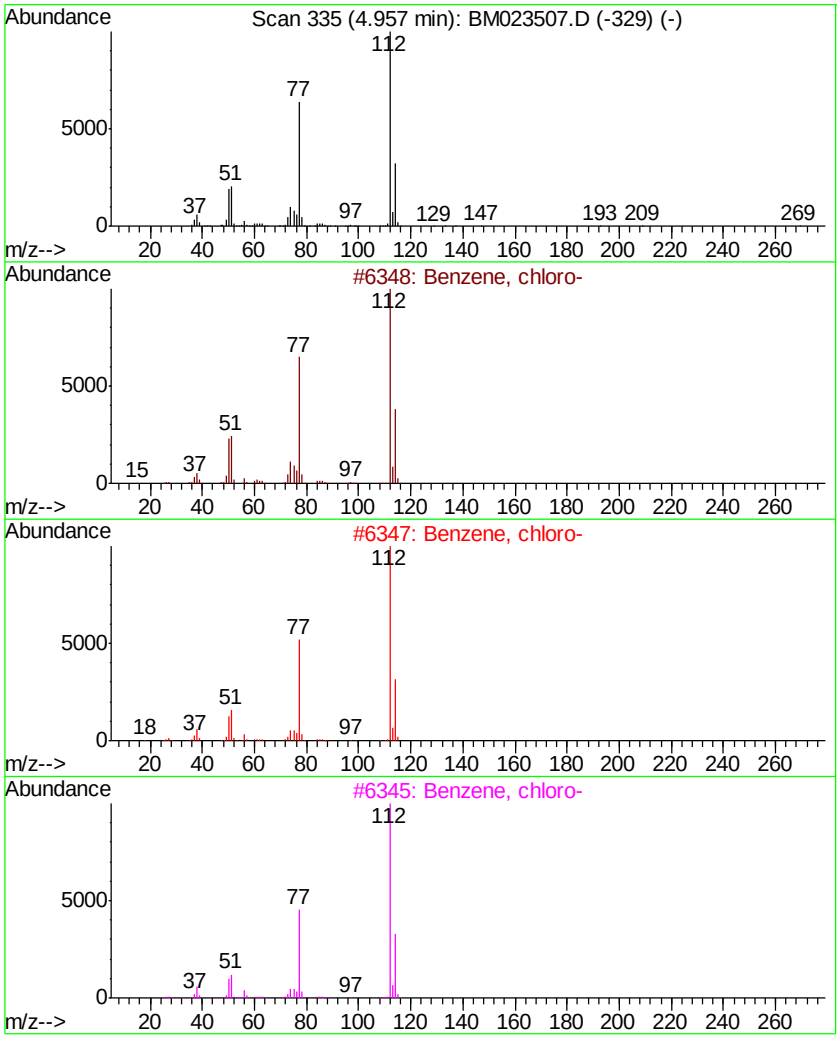
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

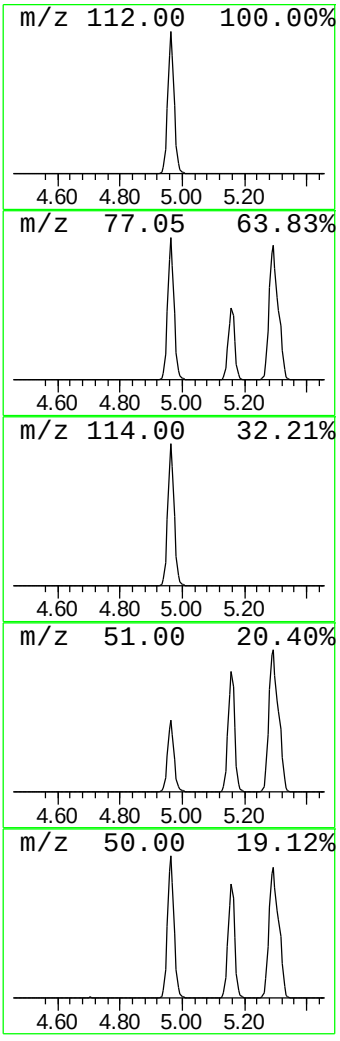
****

Peak Number 5 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	73.51 ng/ul	11408400	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

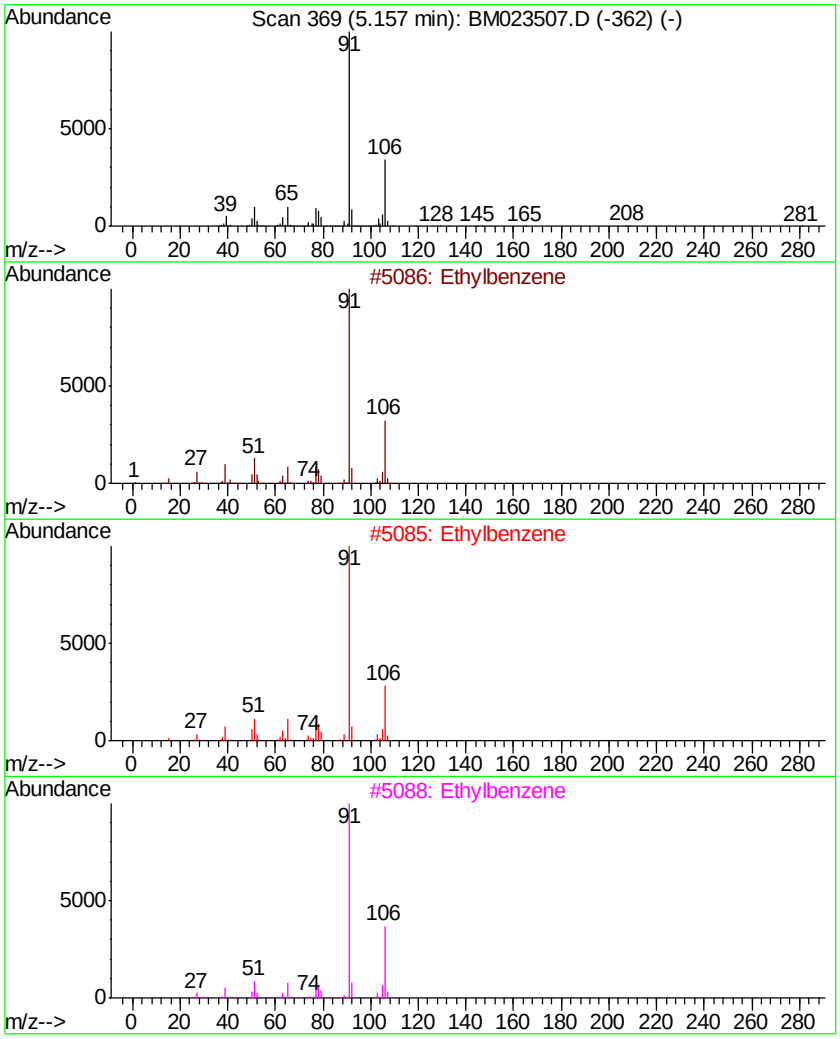
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

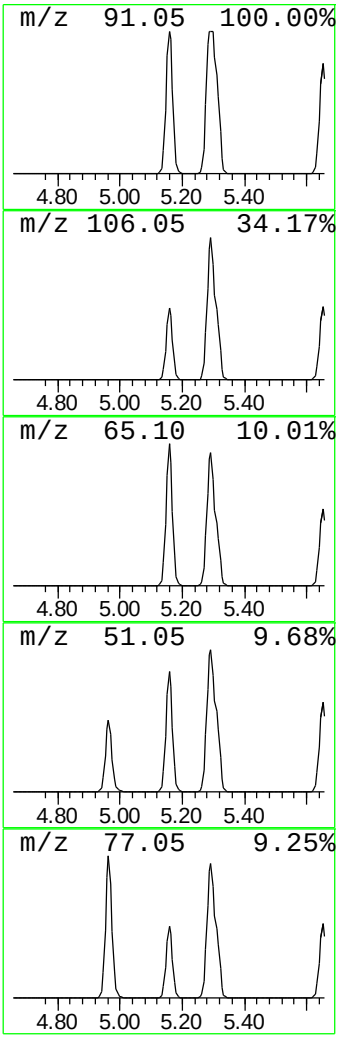
****

Peak Number 6 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	192.99 ng/ul	29949600	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

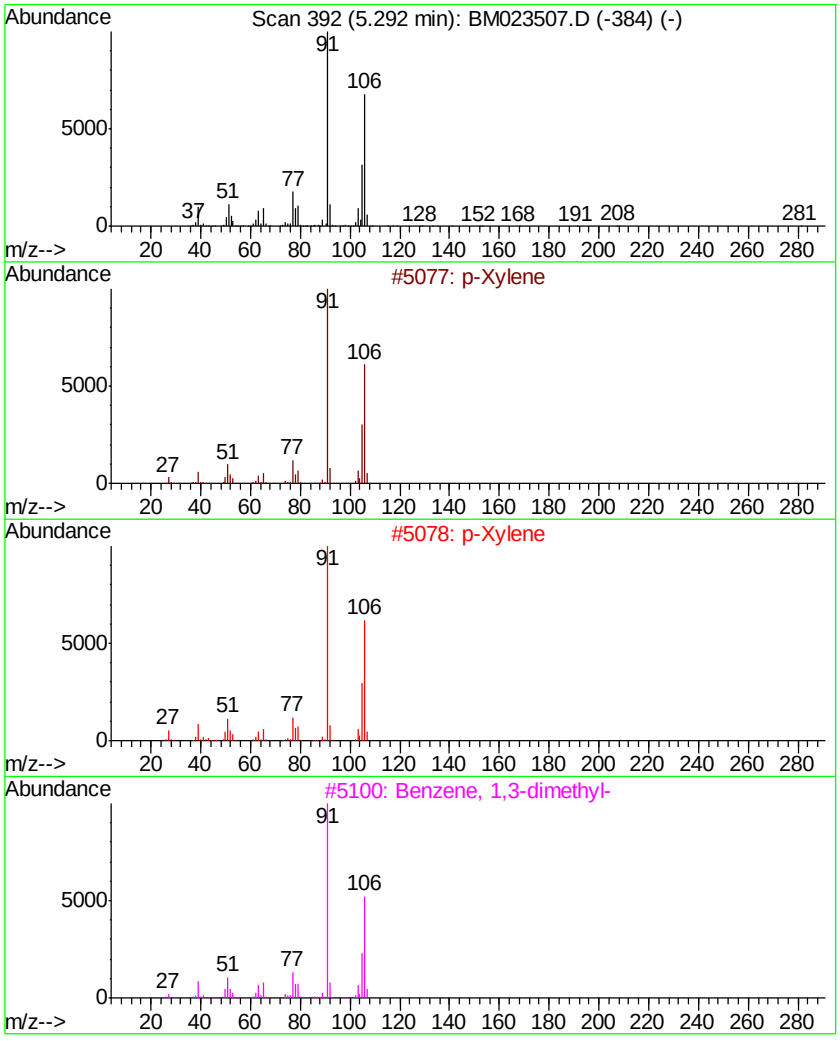
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

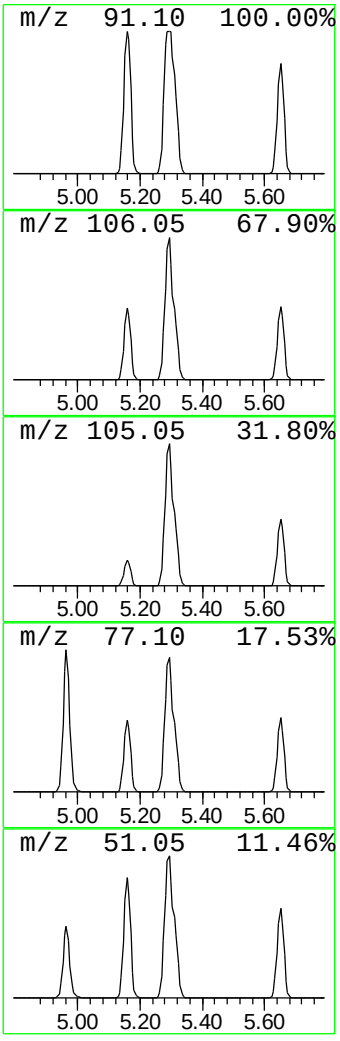
****

Peak Number 7 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	419.72 ng/ul	65135400	1,4-Dichlorobenzene-d4	7.62

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

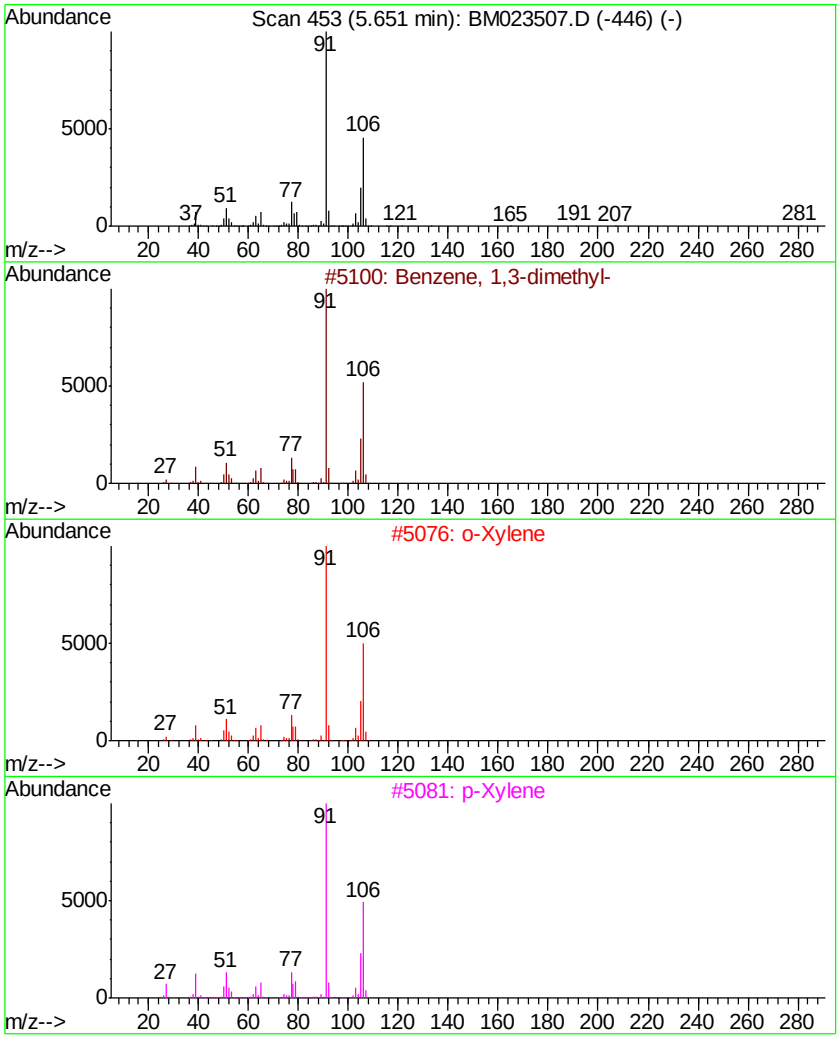
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

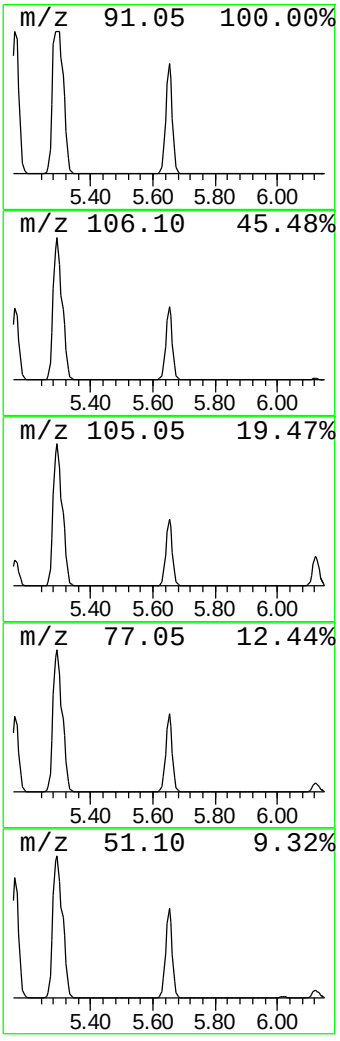
****

Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	167.59 ng/ul	26008500	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

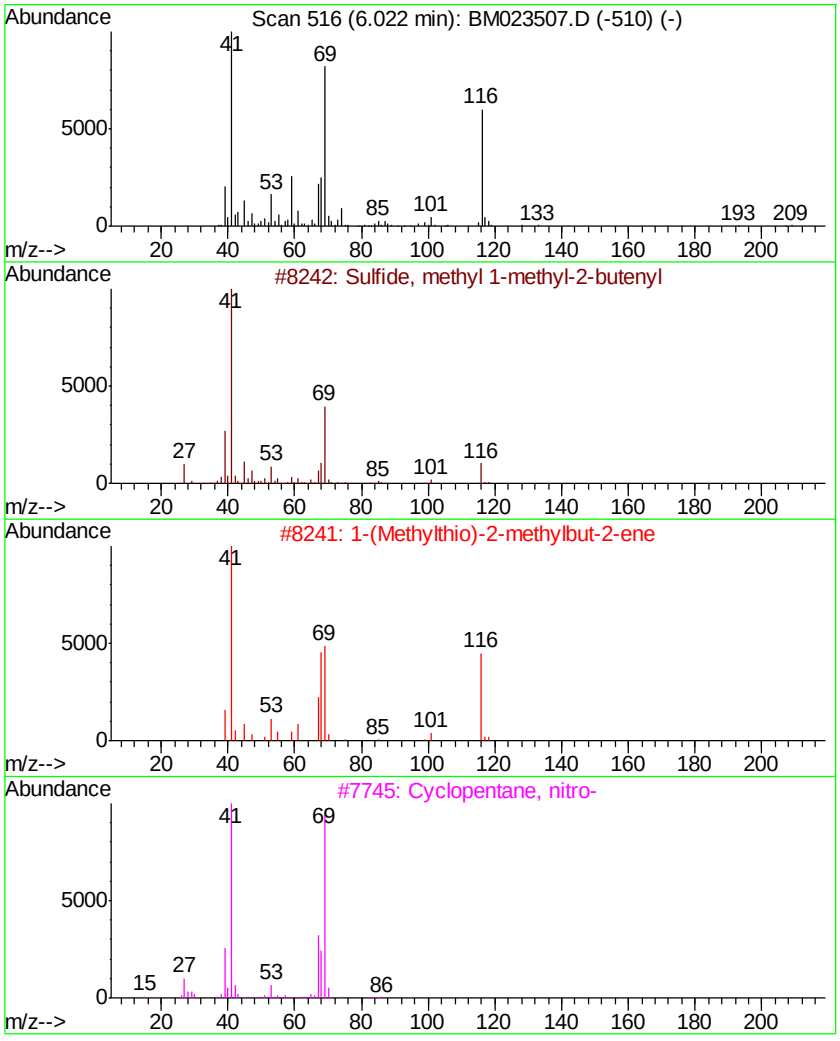
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

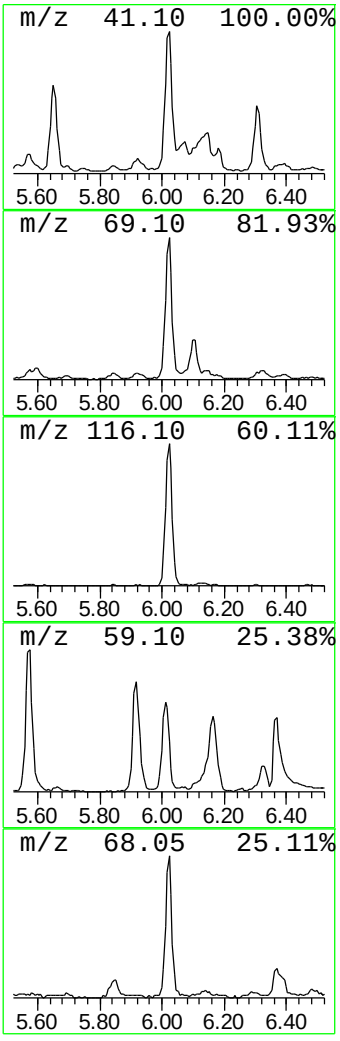
****

Peak Number 9 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	5.44 ng/ul	844025	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, methyl 1-methyl-2-butenyl	116	C6H12S	089534-73-6	43
2	1-(Methylthio)-2-methylbut-2-ene	116	C6H12S	089534-74-7	42
3	Cyclopentane, nitro-	115	C5H9NO2	002562-38-1	35
4	6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	32
5	2,2-Dimethylpropanoic acid, 3-me...	170	C10H18O2	1000299-33-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

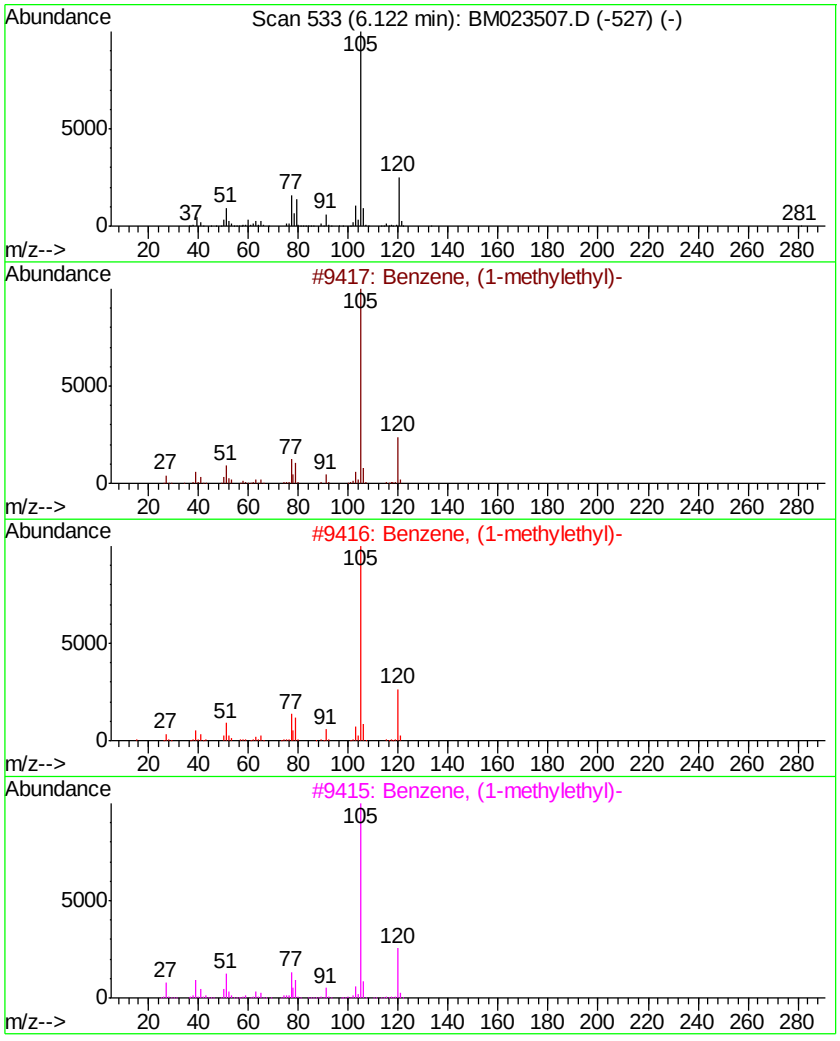
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

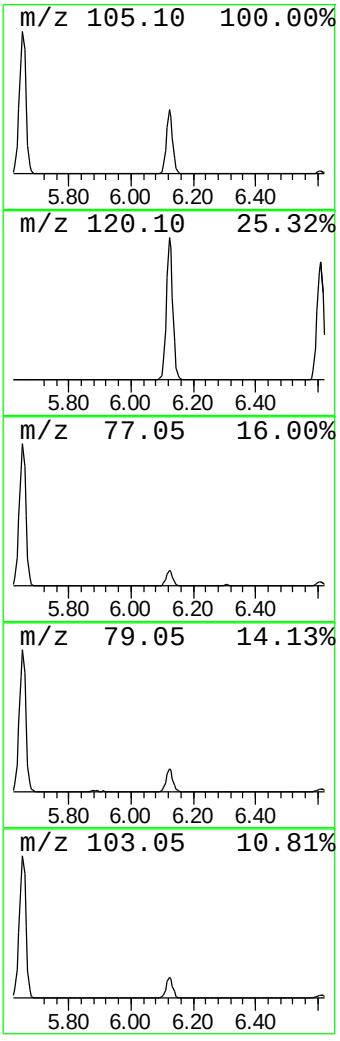
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	14.04 ng/ul	2179010	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

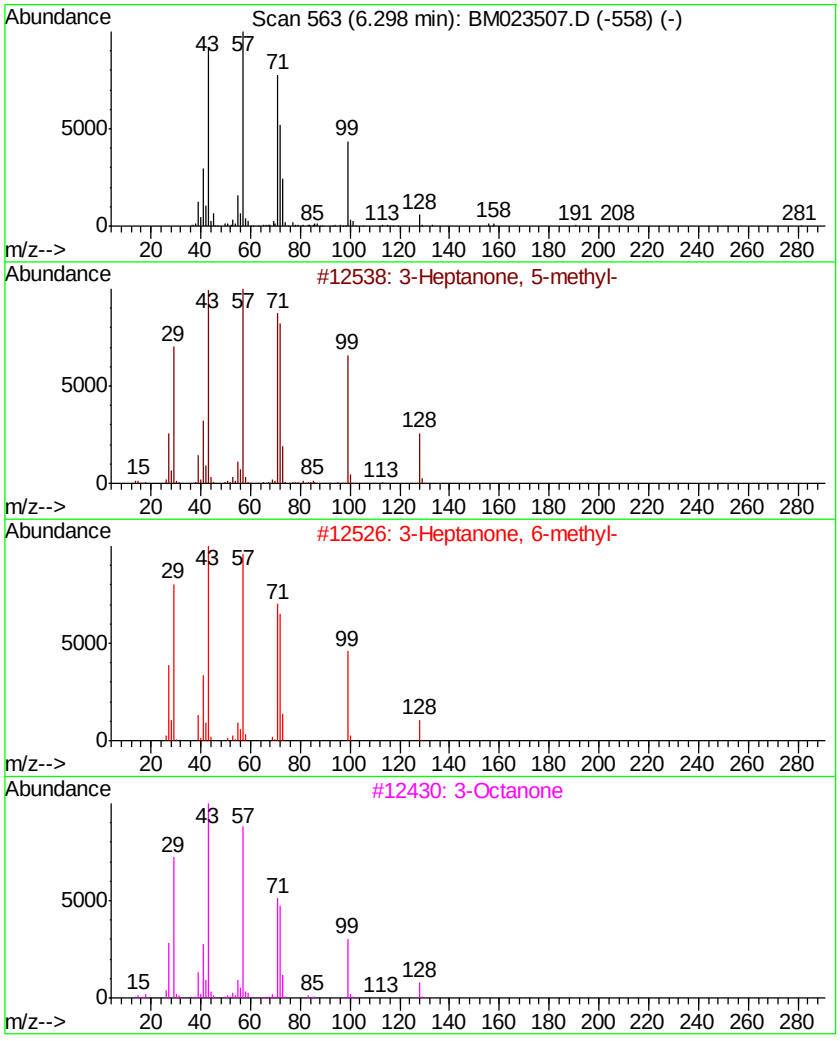
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

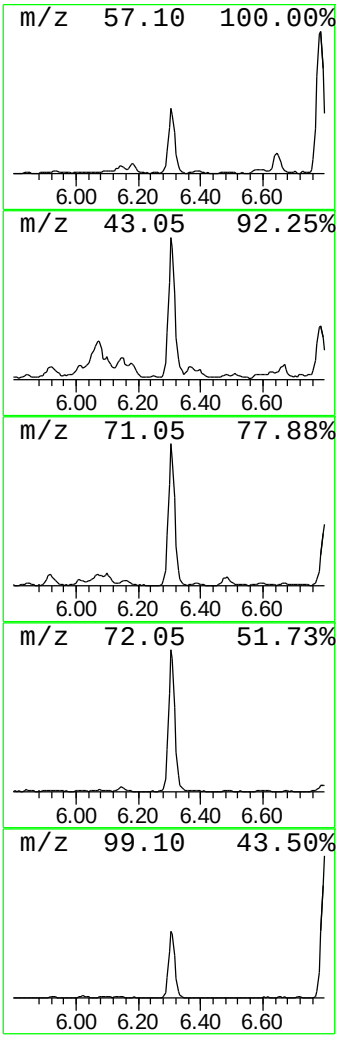
****

Peak Number 11 3-Heptanone, 5-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	8.10 ng/ul	1257640	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	90
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	90
3	3-Octanone	128	C8H16O	000106-68-3	83
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
5	3-Octanone	128	C8H16O	000106-68-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

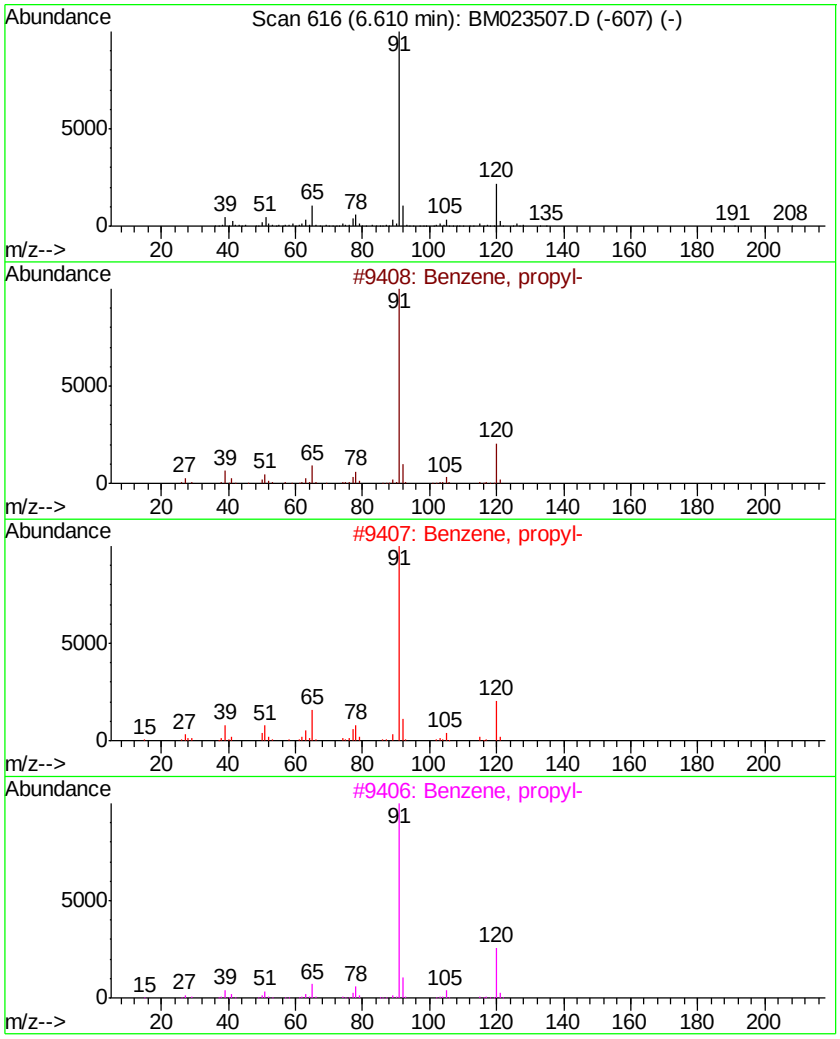
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

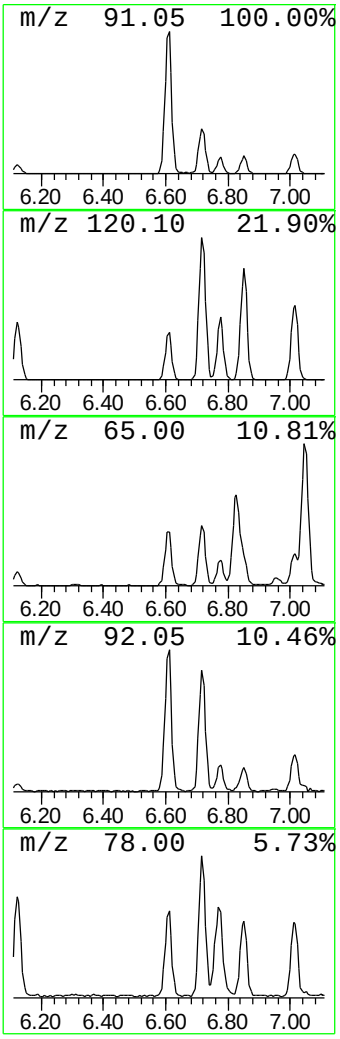
****

Peak Number 12 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	12.06 ng/ul	1871970	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

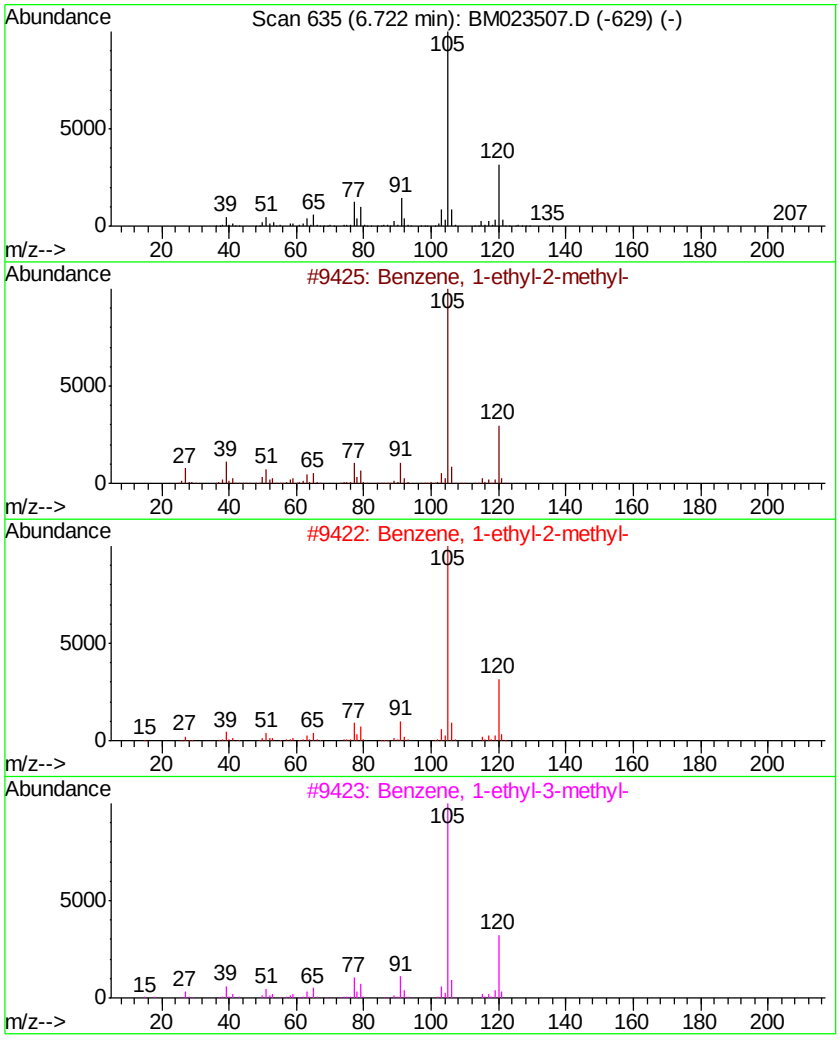
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

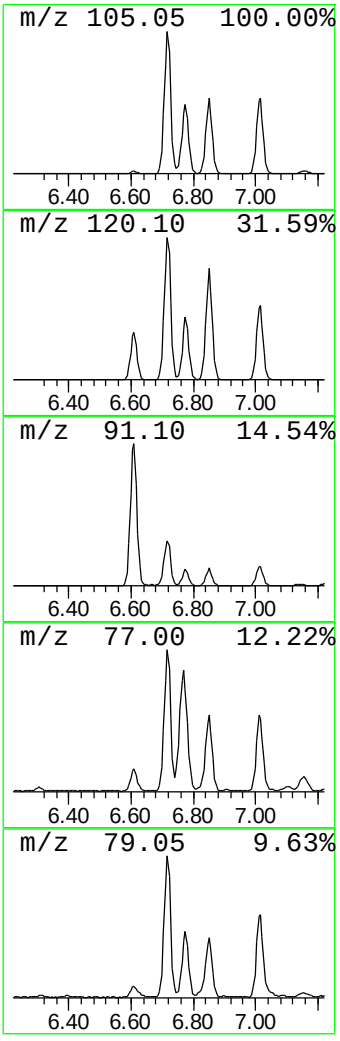
****

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	28.37 ng/ul	4401950	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

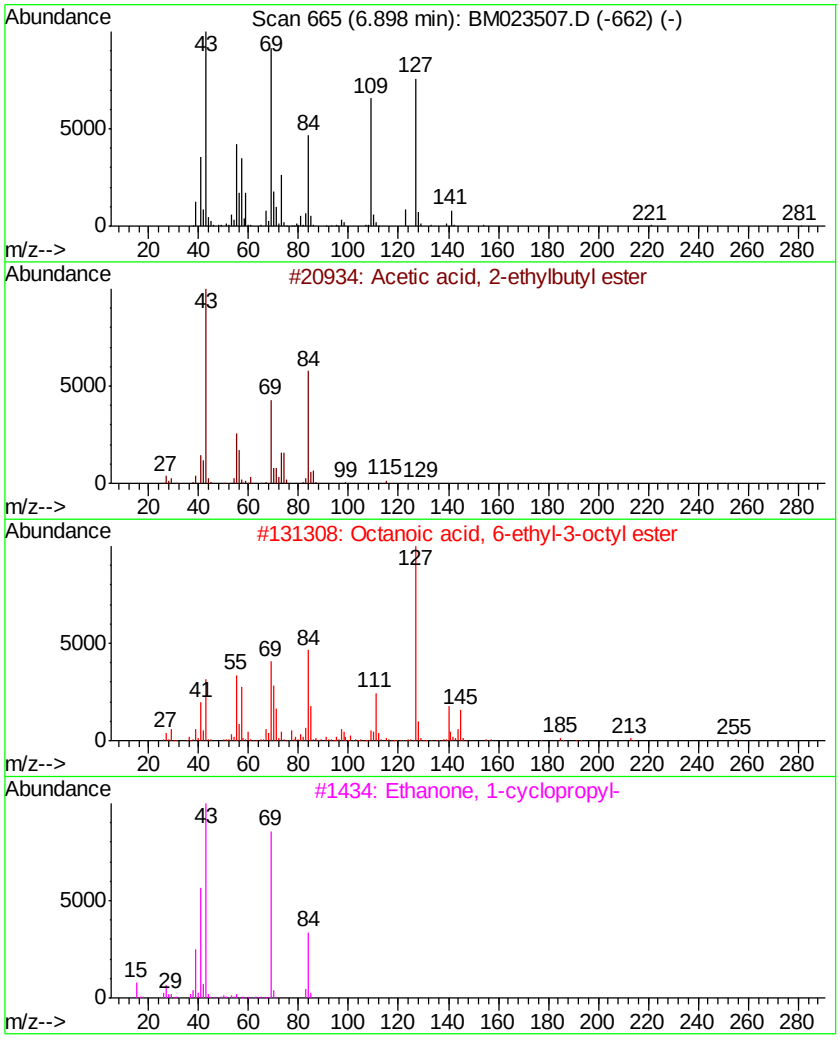
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

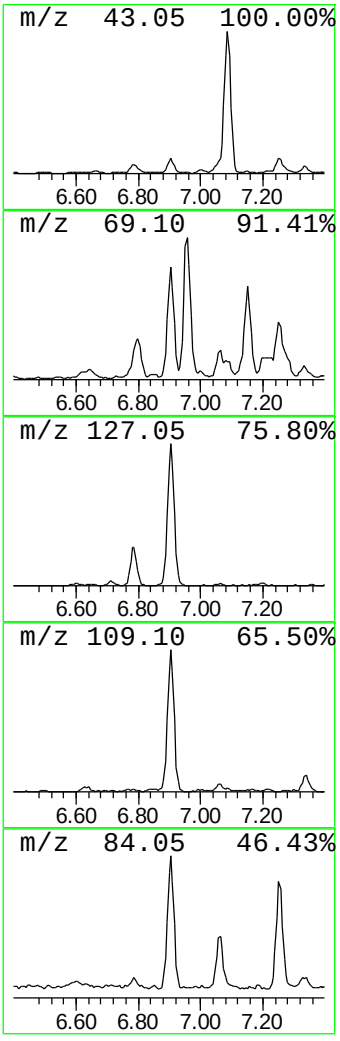
****

Peak Number 14 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	5.53 ng/ul	858815	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylbutyl ester	144	C8H16O2	010031-87-5	32
2	Octanoic acid, 6-ethyl-3-octyl e...	284	C18H36O2	1000282-67-8	32
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	30
4	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	30
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

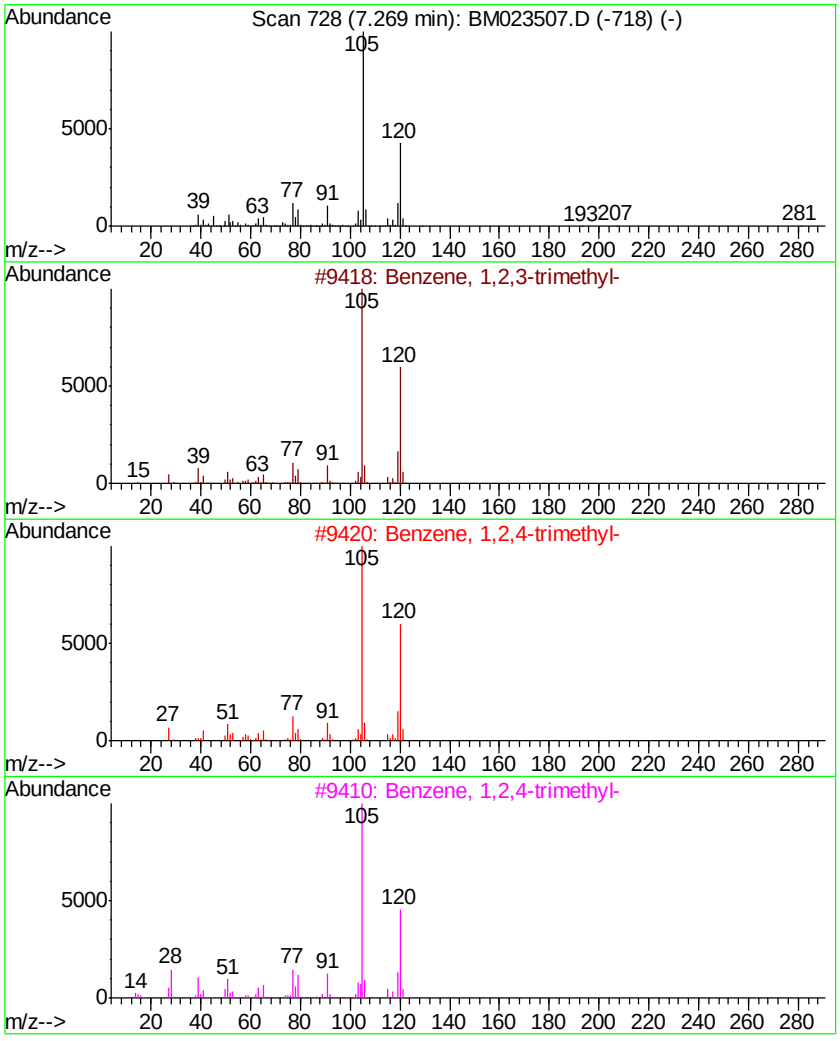
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

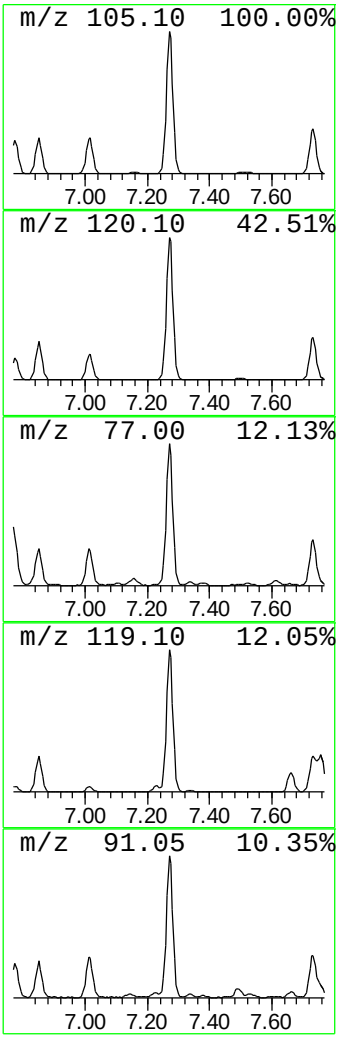
****

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	78.33 ng/ul	12155200	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

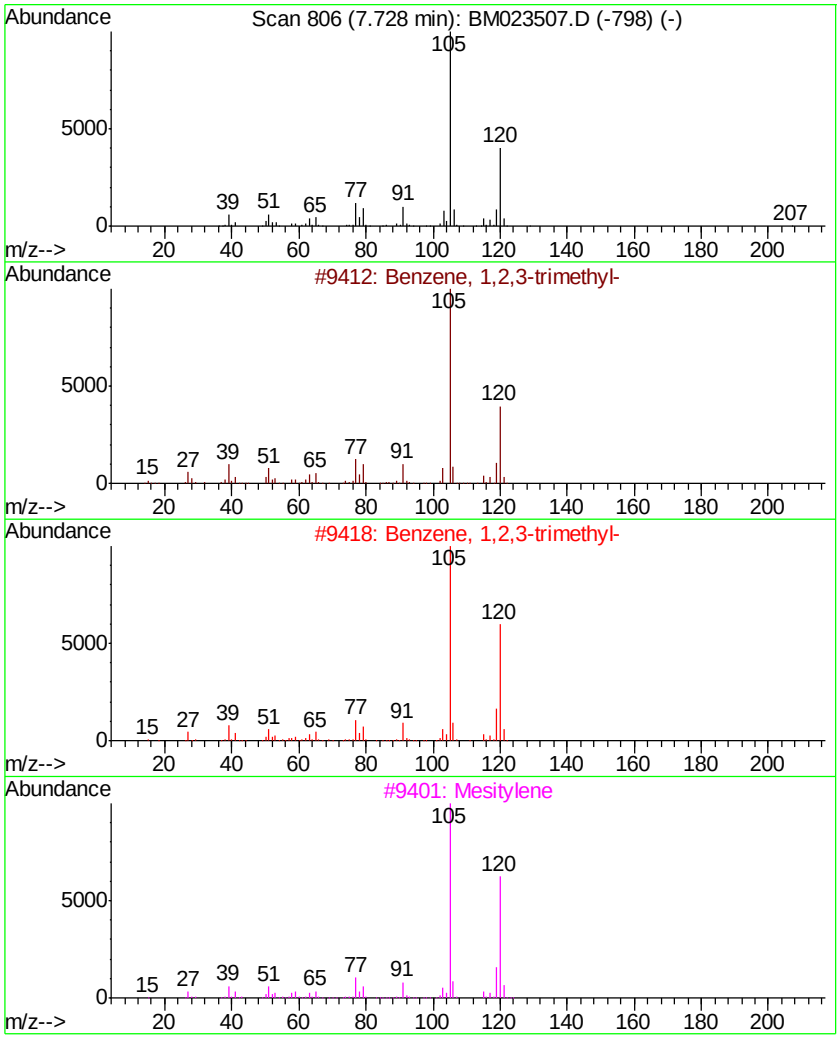
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

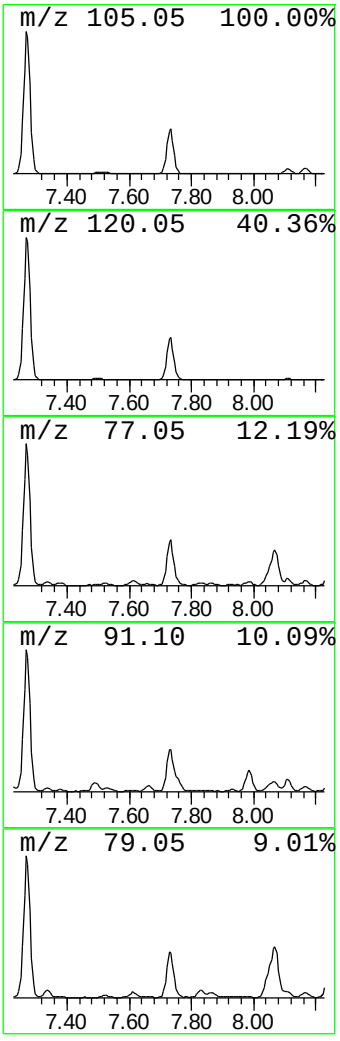
****

Peak Number 16 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	23.21 ng/ul	3601200	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

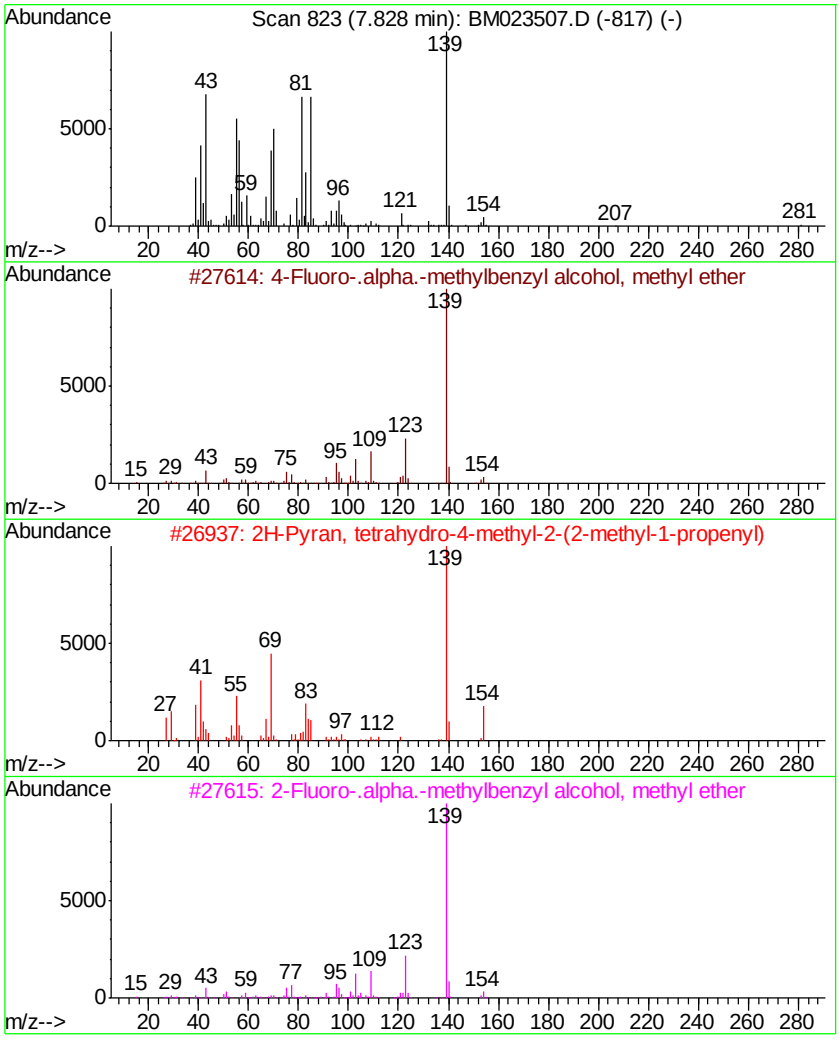
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

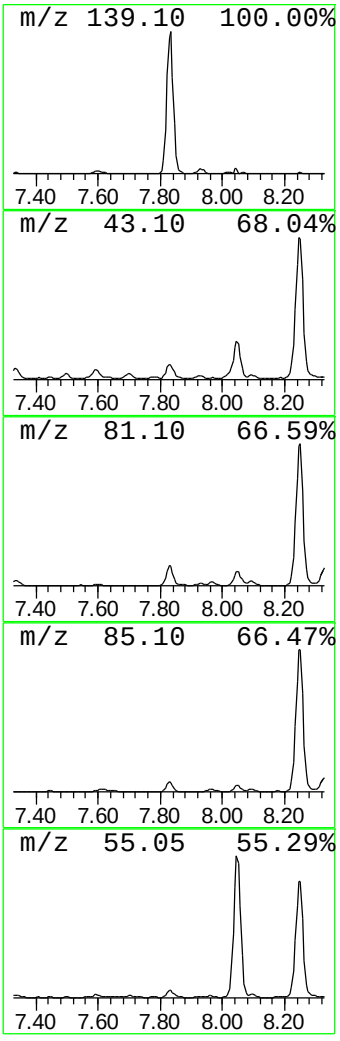
****

Peak Number 17 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	7.60 ng/ul	1179120	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-0	27
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	27
3	2-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-2	27
4	2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	22
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

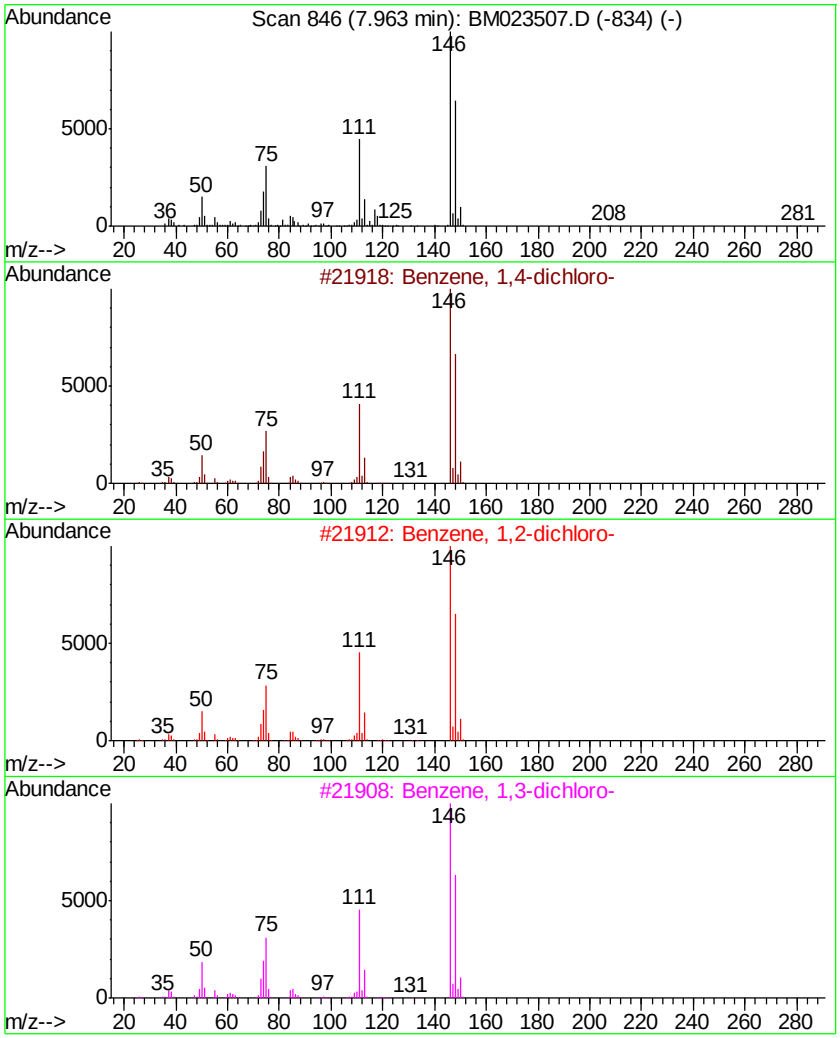
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

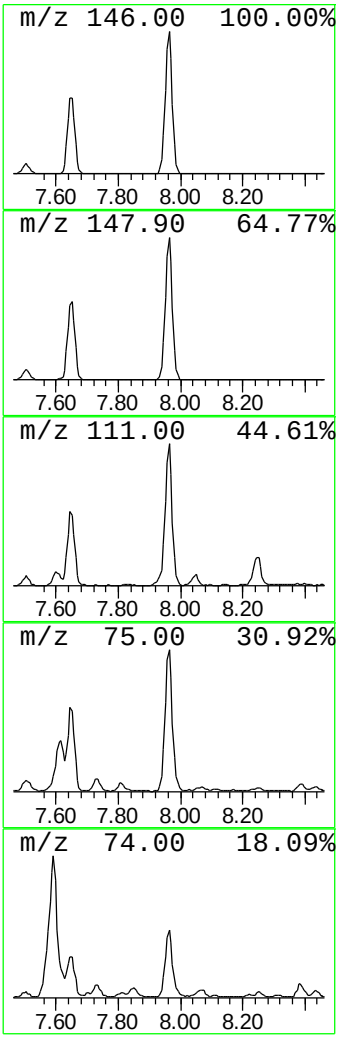
****

Peak Number 18 Benzene, 1,4-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	18.35 ng/ul	2848390	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

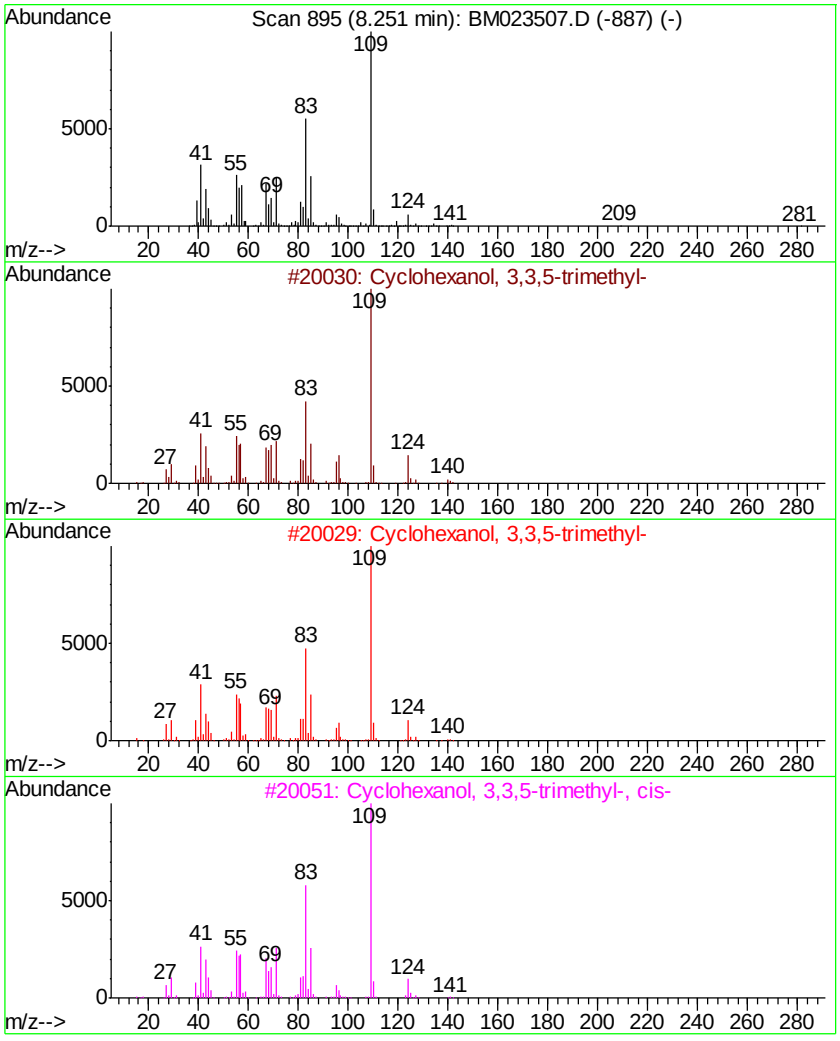
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

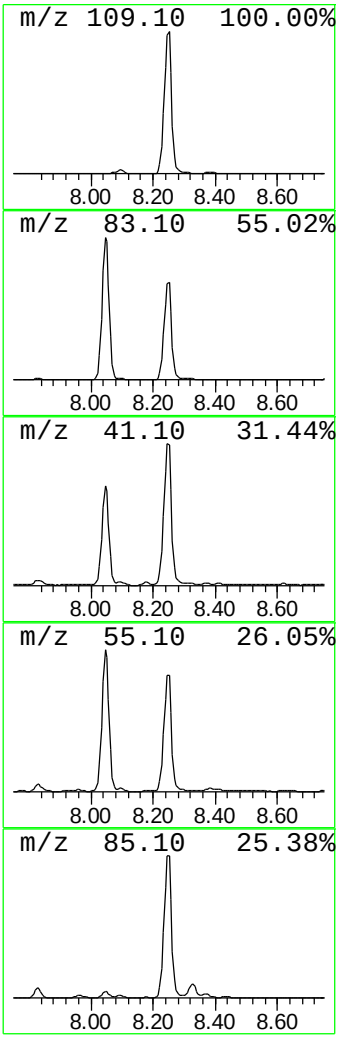
****

Peak Number 19 Cyclohexanol, 3,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	149.20 ng/ul	23154600	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	78
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	62
3	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	43
4	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	35
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

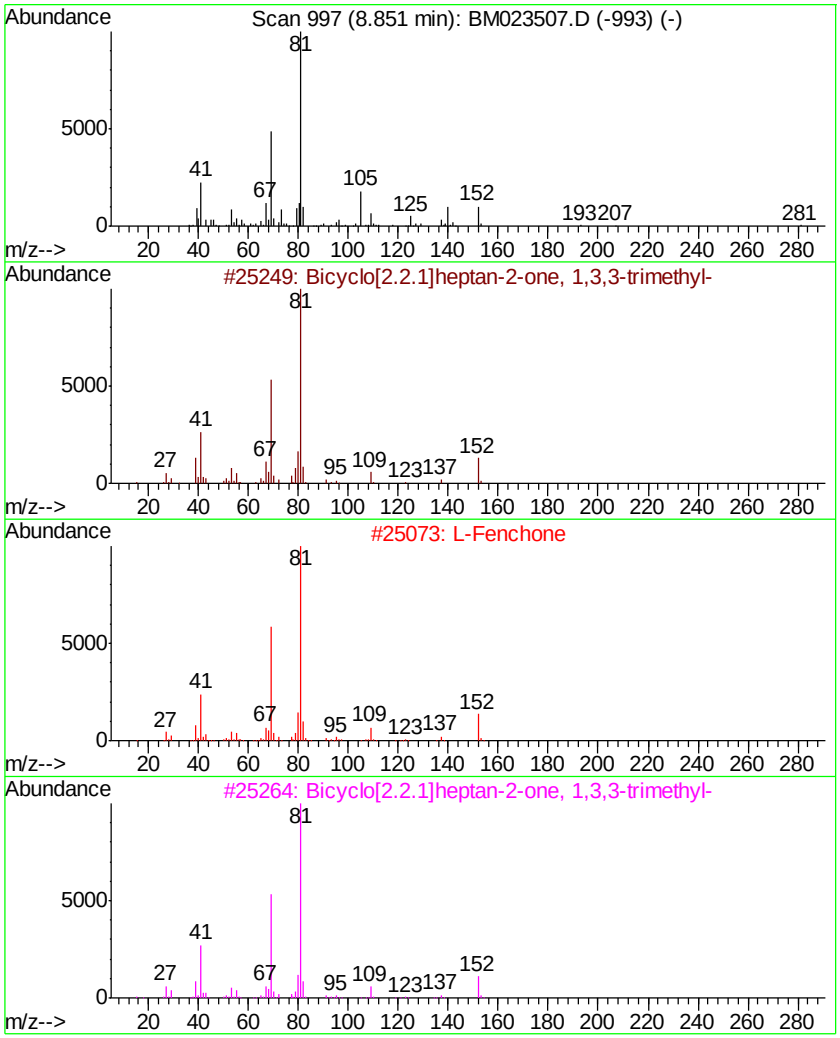
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

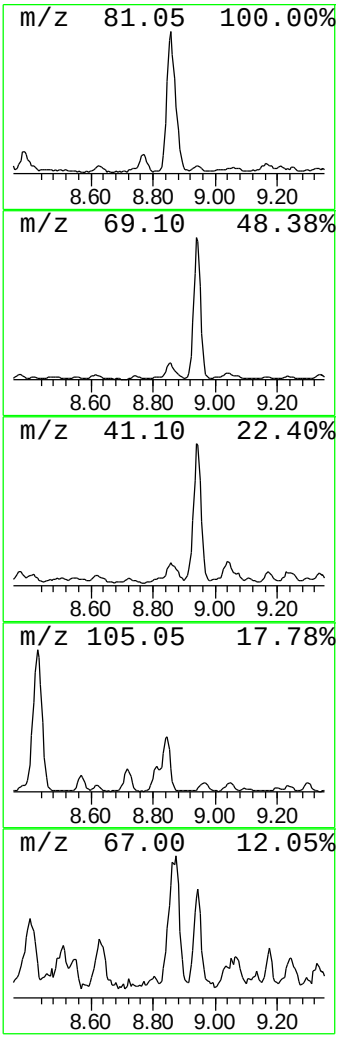
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.94 ng/ul	921240	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
2	L-Fenchone	152	C10H16O	007787-20-4	76
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	76
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	76
5	D-Fenchone	152	C10H16O	004695-62-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

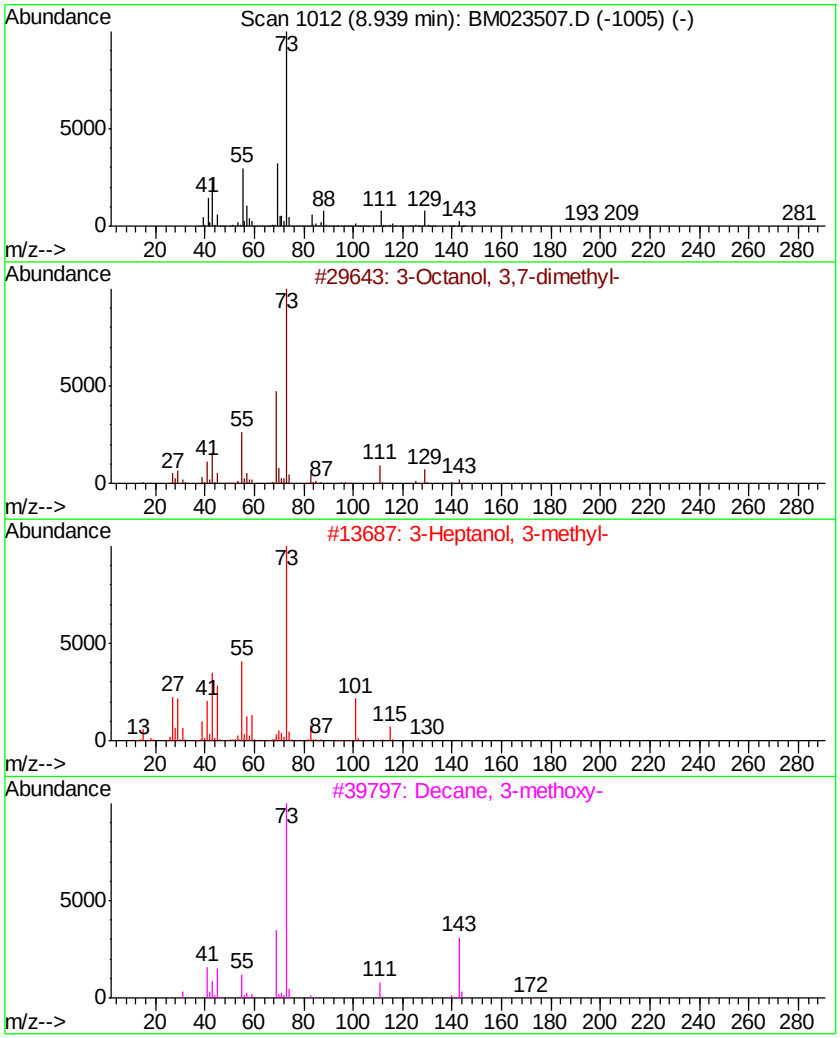
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

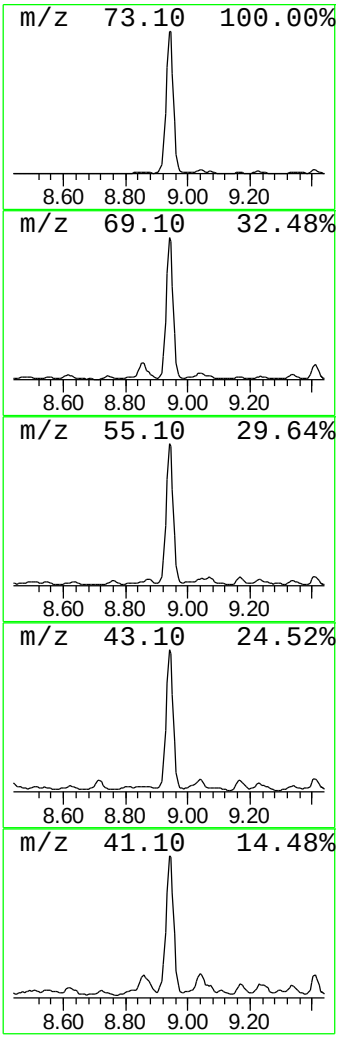
****

Peak Number 21 3-Octanol, 3,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	39.01 ng/ul	6053900	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	53
2	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	38
3	Decane, 3-methoxy-	172	C11H24O	055955-64-1	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

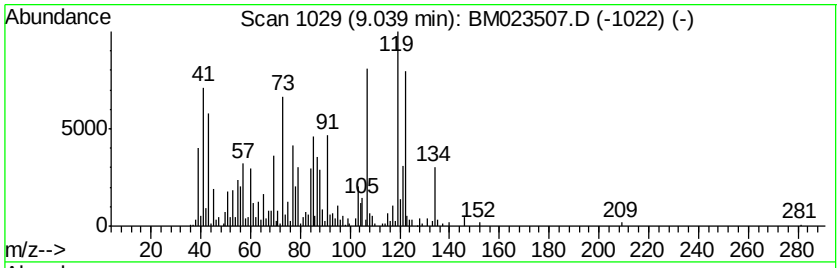
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

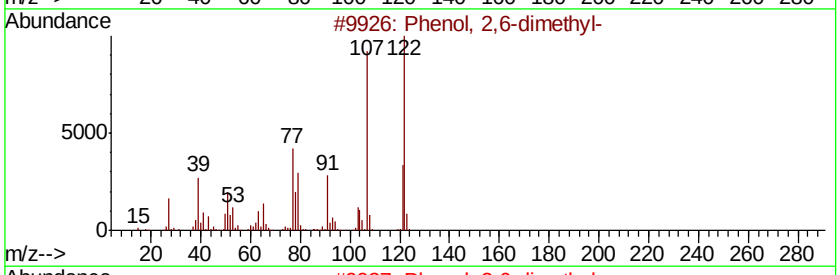
****

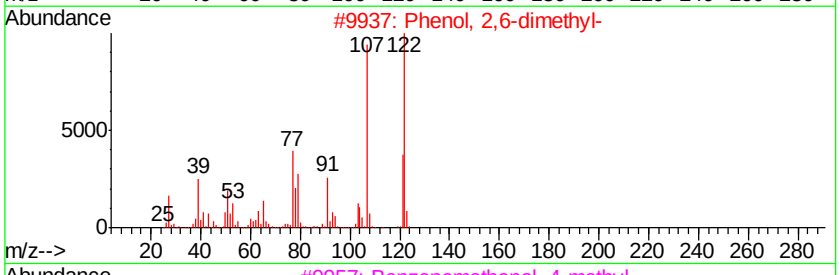
Peak Number 22 Phenol, 2,6-dimethyl- Concentration Rank 33

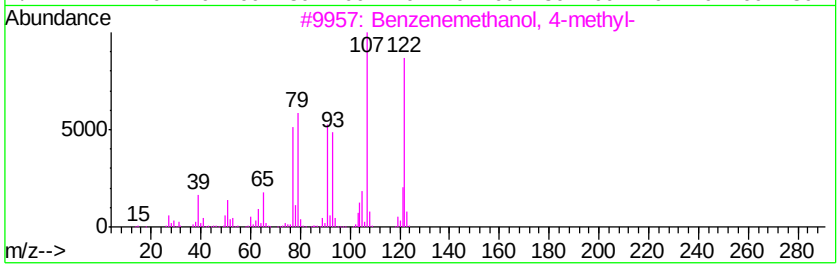
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	5.97 ng/ul	1046800	Naphthalene-d8	10.39

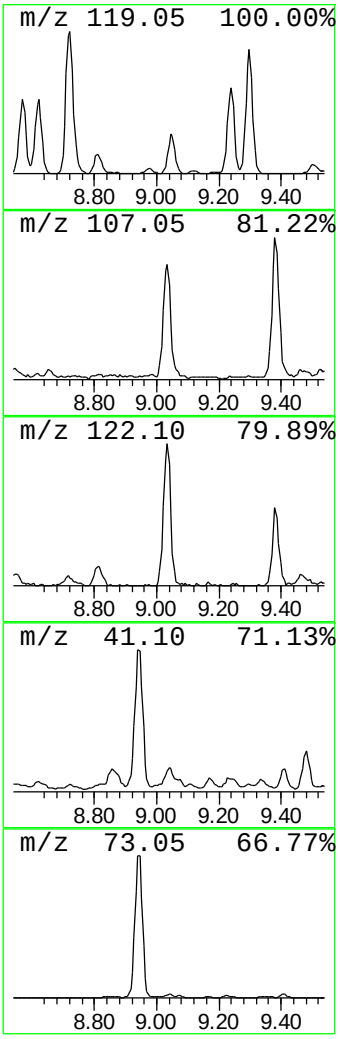
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	52
3	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	50
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	50
5	o-Cymene	134	C10H14	000527-84-4	47











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

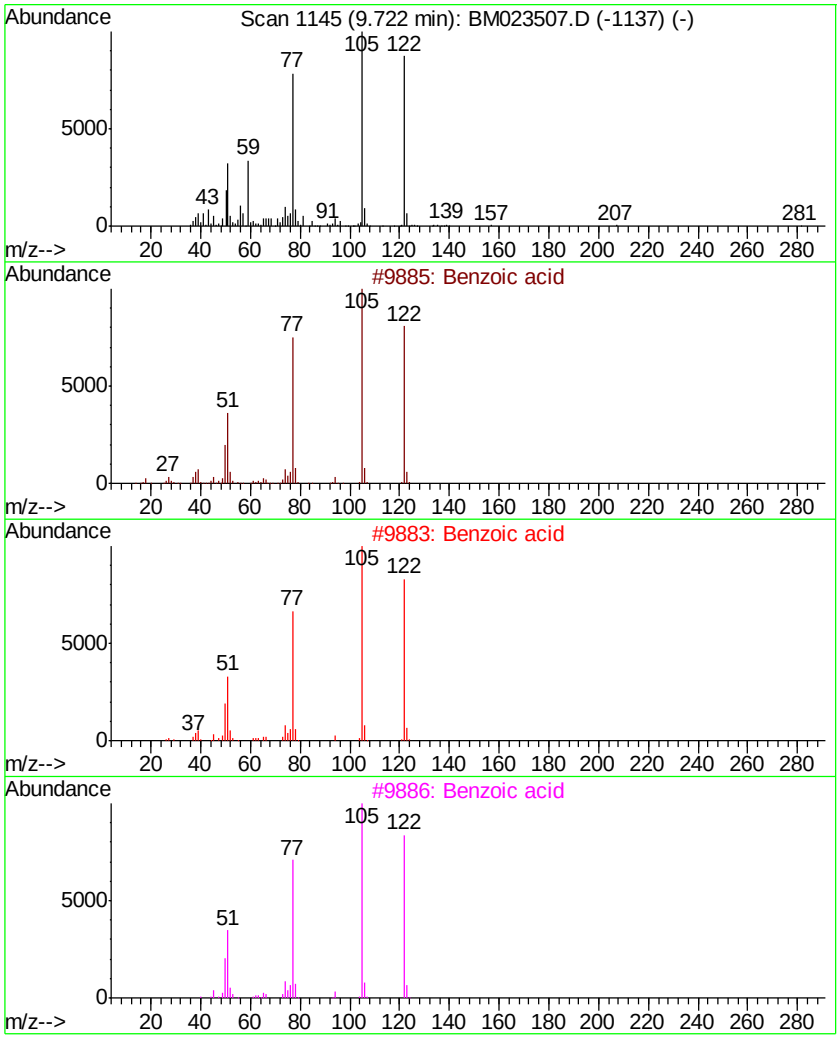
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

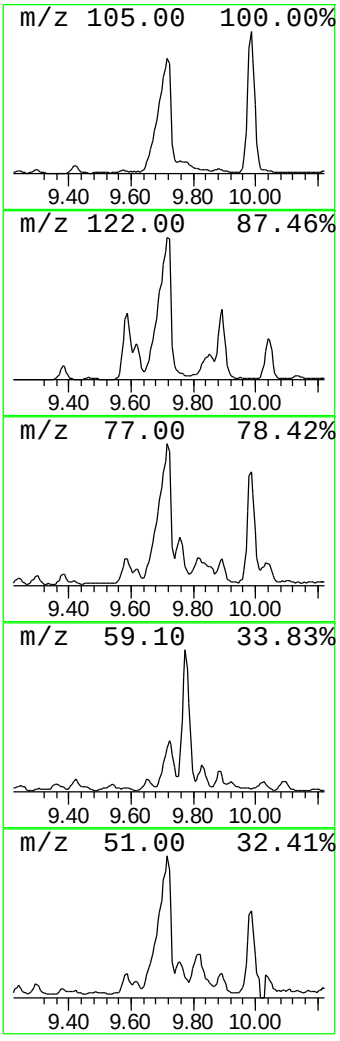
****

Peak Number 23 Benzoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	10.86 ng/ul	1904610	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	96
2	Benzoic acid	122	C7H6O2	000065-85-0	96
3	Benzoic acid	122	C7H6O2	000065-85-0	94
4	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	86
5	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

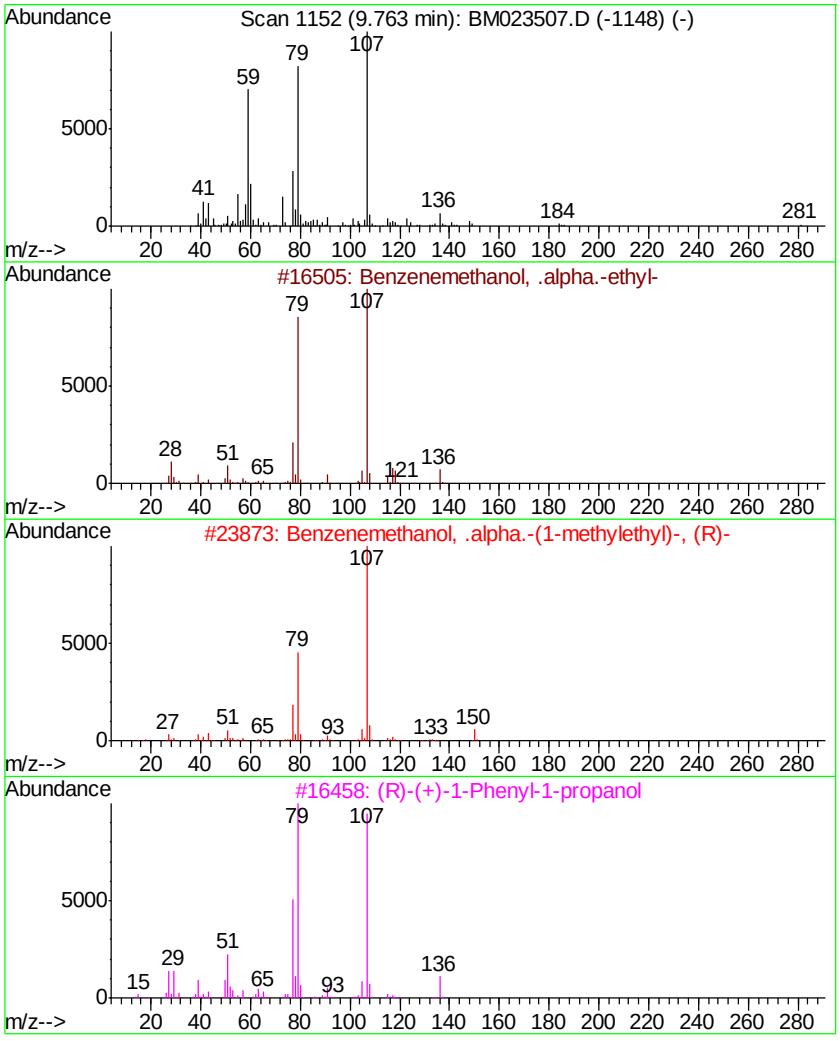
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

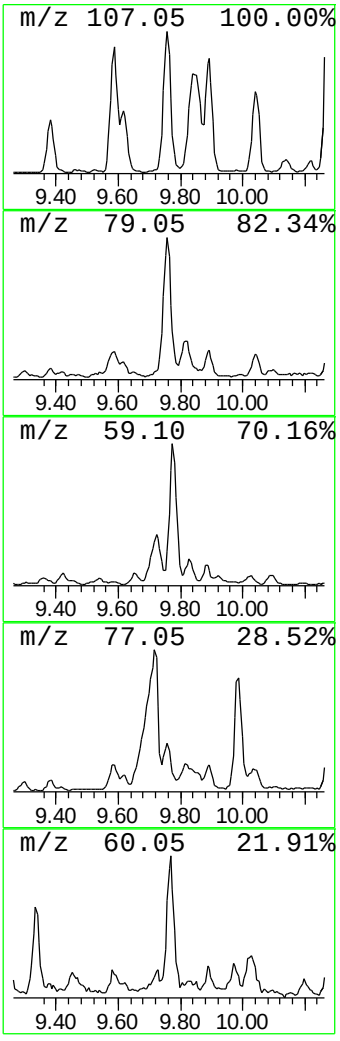
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzenemethanol, .alpha.-et... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	4.34 ng/ul	760429	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	58
2	Benzenemethanol, .alpha.-(1-meth...	150	C10H14O	014898-86-3	53
3	(R)-(+)-1-Phenyl-1-propanol	136	C9H12O	001565-74-8	46
4	Benzenemethanol, .alpha.-pentyl-	178	C12H18O	004471-05-0	43
5	3-Buten-1-ol, 4-chloro-2-methyl-...	196	C11H13ClO	1000153-34-9	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

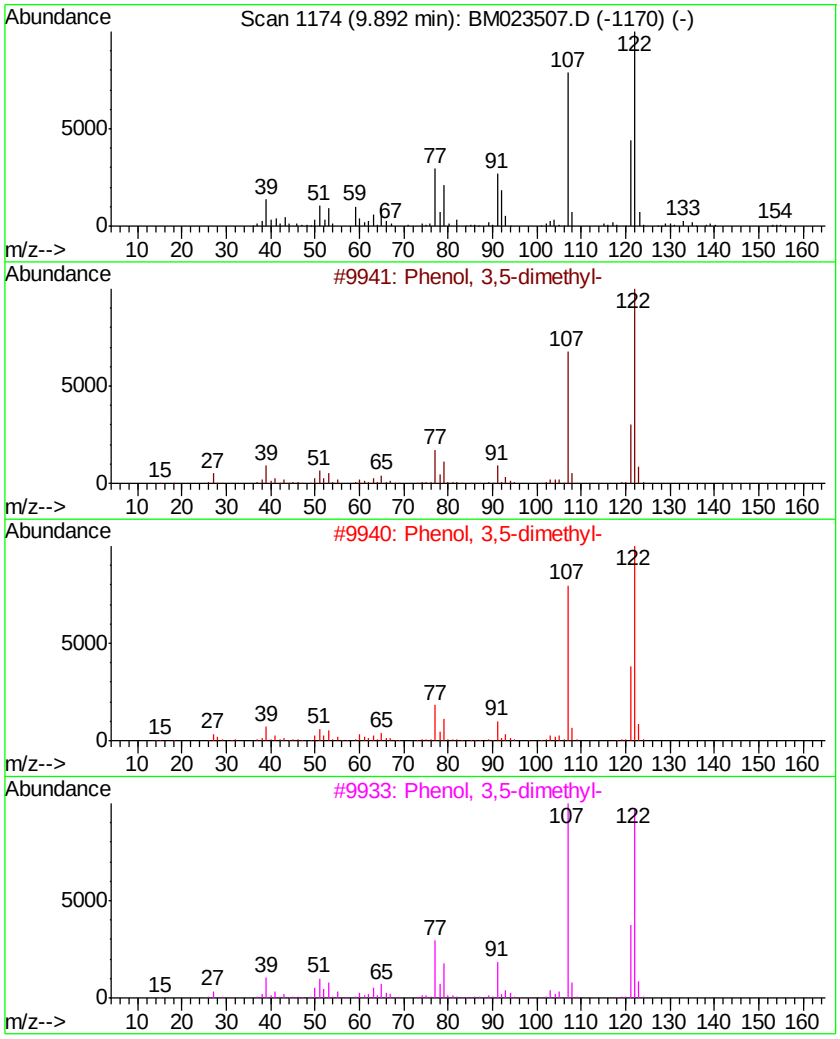
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

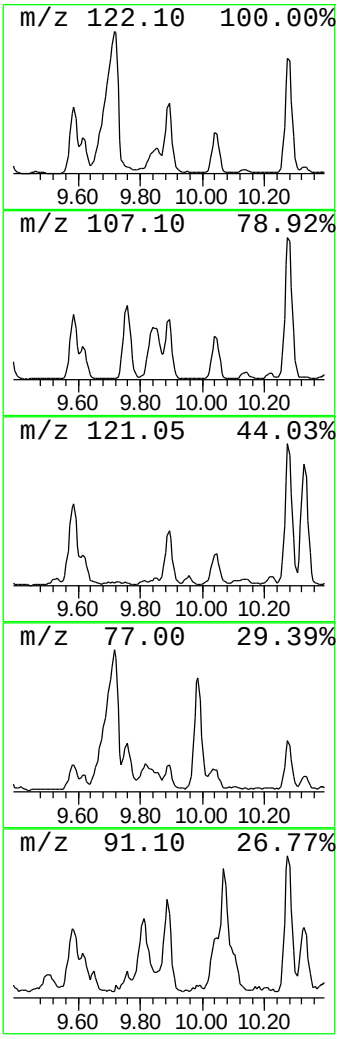
****

Peak Number 25 Phenol, 3,5-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.98 ng/ul	698045	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	74
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	74
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

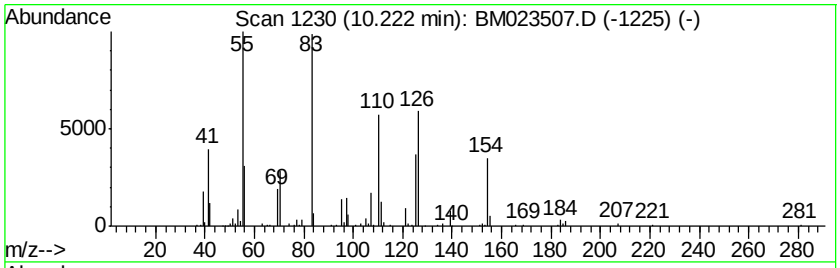
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

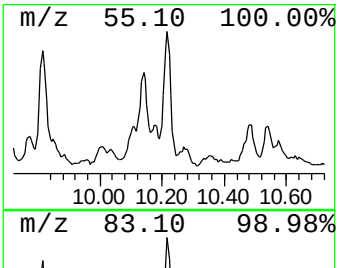
****

Peak Number 26 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	4.12 ng/ul	722961	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorophenylhydrazine	126	C6H7FN2	000823-85-8	43
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	41
3	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	38
4	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	38
5	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

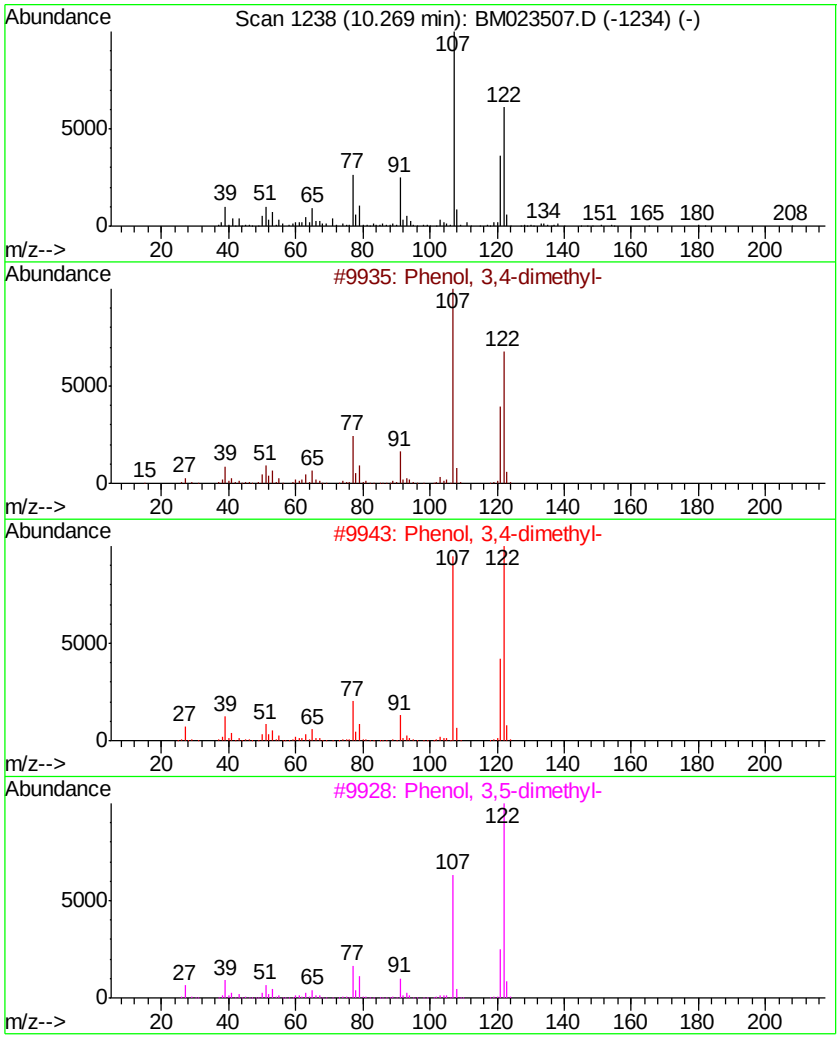
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

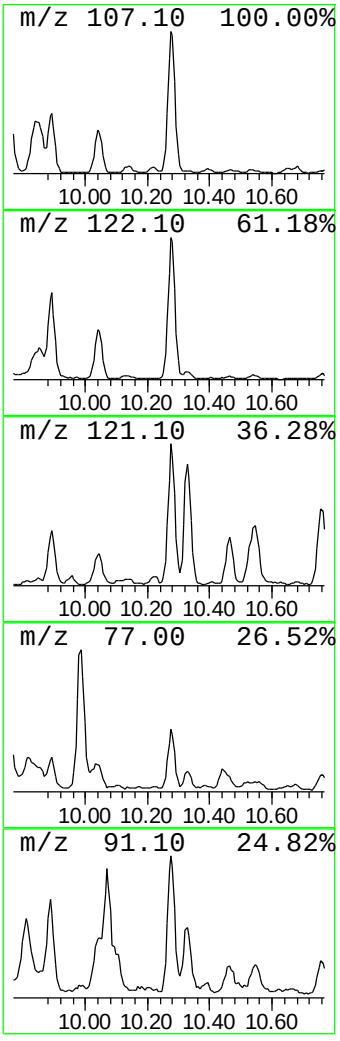
****

Peak Number 27 Phenol, 3,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	7.39 ng/ul	1296370	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	97
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

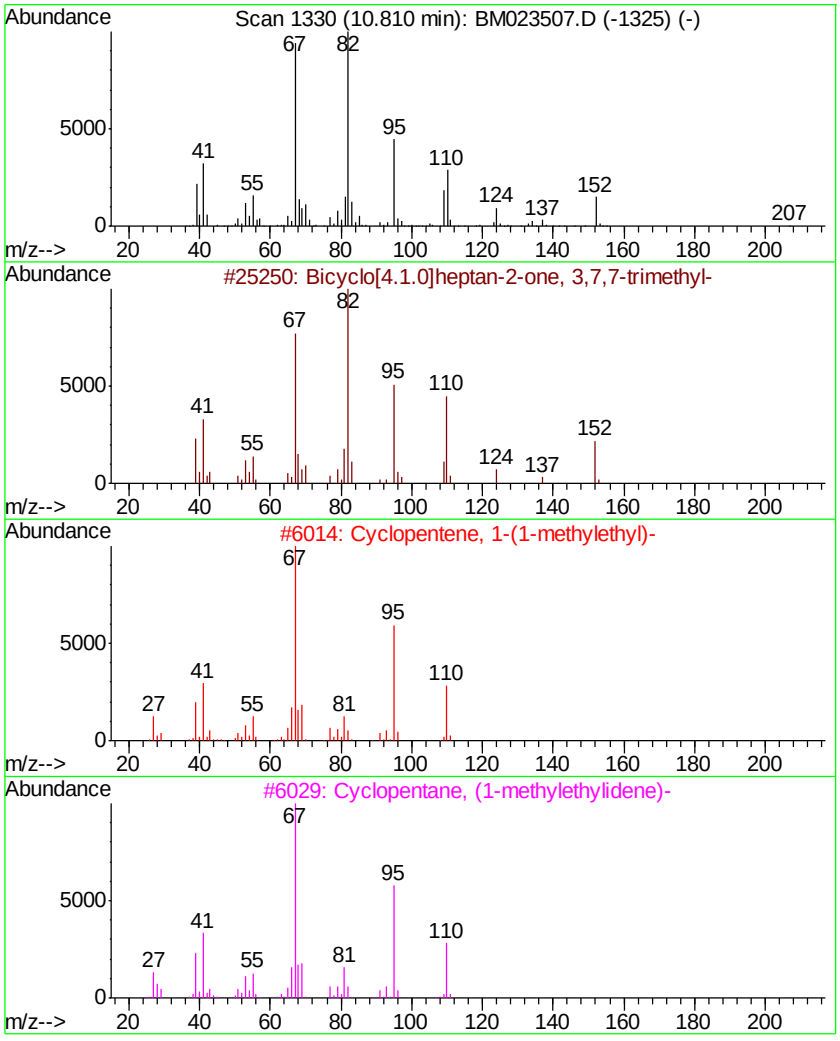
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

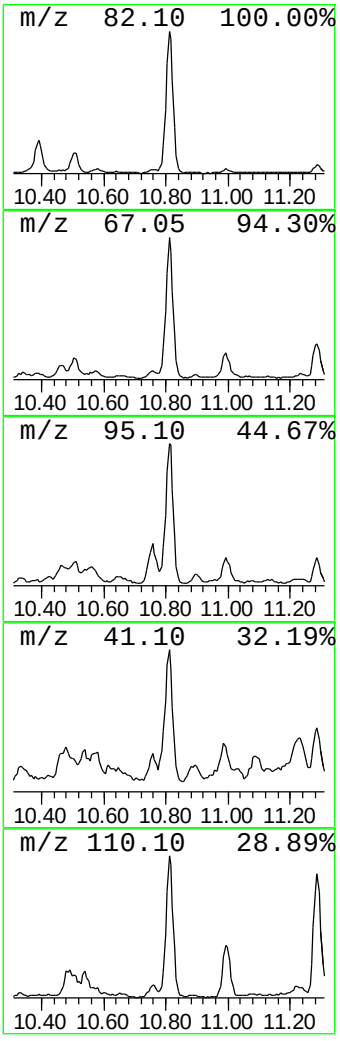
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Bicyclo[4.1.0]heptan-2-one,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	9.95 ng/ul	1745590	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	90
2	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	49
3	Cyclopentane, (1-methylethylidene)-	110	C8H14	000765-83-3	49
4	cis-Hexenyl octyne carbonate	236	C15H24O2	068480-29-5	47
5	3-Hexen-1-ol, formate, (Z)-	128	C7H12O2	033467-73-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

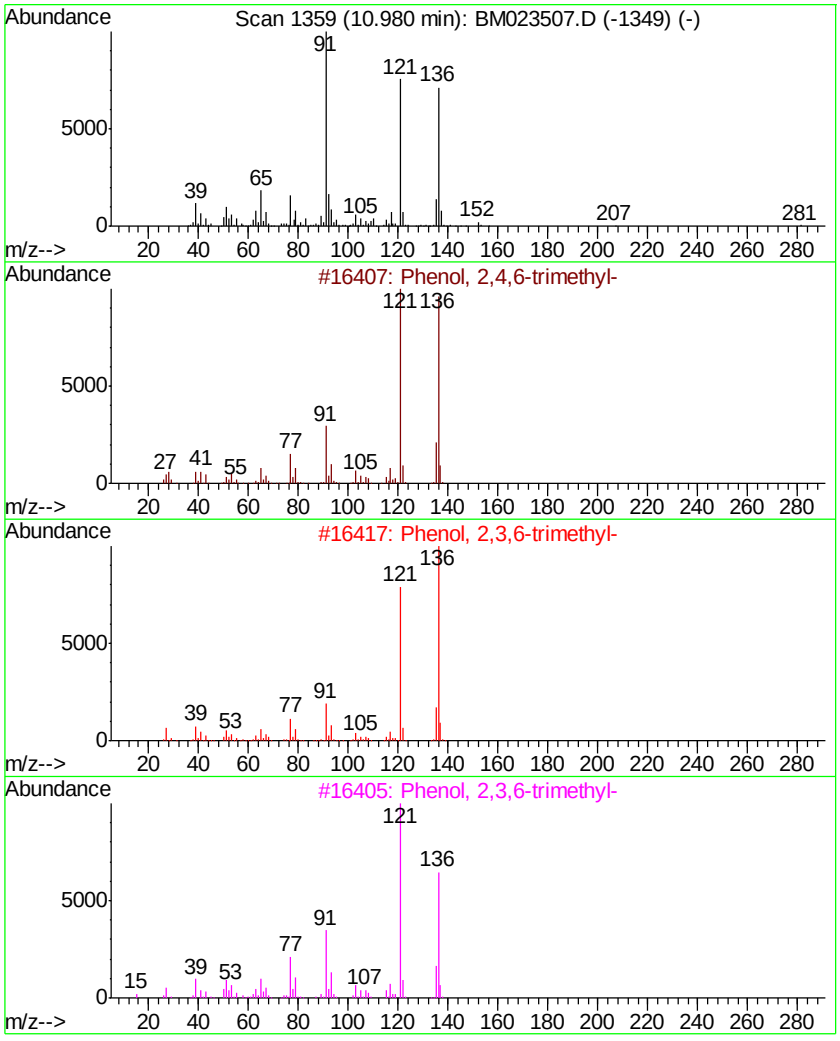
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

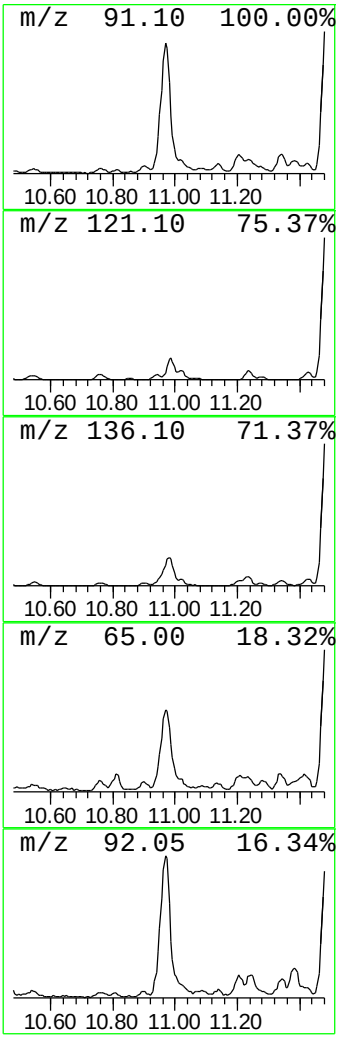
****

Peak Number 29 Phenol, 2,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	15.13 ng/ul	2653980	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

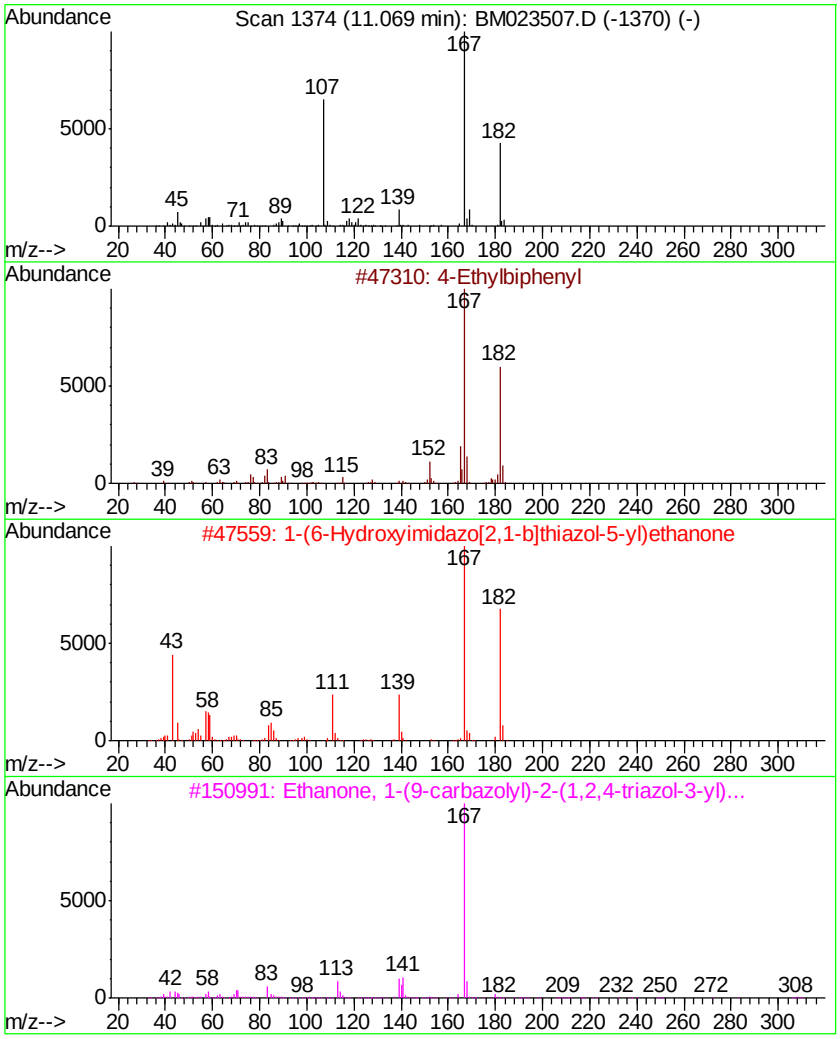
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

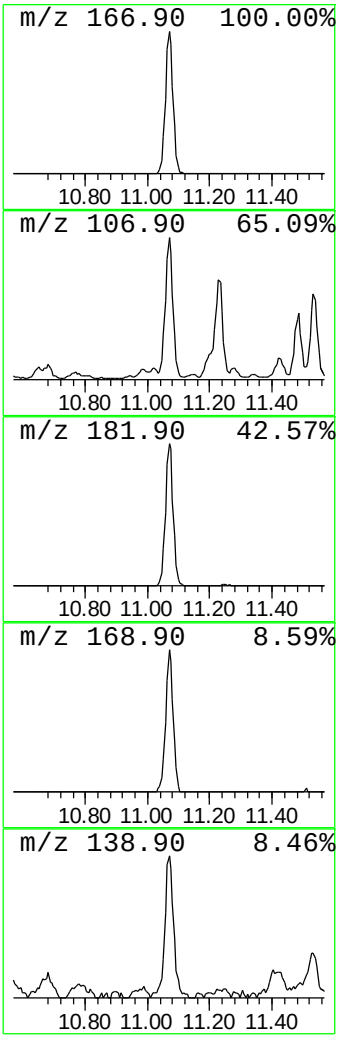
****

Peak Number 30 unknown-05 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.97 ng/ul	872426	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	28
2	1-(6-Hydroxyimidazo[2,1-b]thiazo...	182	C7H6N2O2S	067073-26-1	12
3	Ethanone, 1-(9-carbazolyl)-2-(1,...	308	C16H12N4OS	348118-45-6	12
4	6-Chloro-3-methyl-1-indanol	182	C10H11ClO	055058-79-2	11
5	Benzene, 4-methyl-1,2-dinitro-	182	C7H6N2O4	000610-39-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102919\
Data File : BM023507.D
Acq On : 31 Oct 2019 06:50
Operator : JU
Sample : K5487-16
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Methyl Isobutyl K...	3.48	17.8	ng/ul	2757130	1	7.62	3103780	20.0
Toluene	3.87	738.1	ng/ul	114548000	1	7.62	3103780	20.0
Butanoic acid, 3-...	4.56	5.1	ng/ul	785194	1	7.62	3103780	20.0
Butanoic acid, 2-...	4.70	4.6	ng/ul	720401	1	7.62	3103780	20.0
Benzene, chloro-	4.96	73.5	ng/ul	11408400	1	7.62	3103780	20.0
Ethylbenzene	5.16	193.0	ng/ul	29949600	1	7.62	3103780	20.0
p-Xylene	5.29	419.7	ng/ul	65135400	1	7.62	3103780	20.0
Benzene, 1,3-dime...	5.65	167.6	ng/ul	26008500	1	7.62	3103780	20.0
unknown-01	6.02	5.4	ng/ul	844025	1	7.62	3103780	20.0
Benzene, (1-methy...	6.12	14.0	ng/ul	2179010	1	7.62	3103780	20.0
3-Heptanone, 5-me...	6.30	8.1	ng/ul	1257640	1	7.62	3103780	20.0
Benzene, propyl-	6.61	12.1	ng/ul	1871970	1	7.62	3103780	20.0
Benzene, 1-ethyl-...	6.72	28.4	ng/ul	4401950	1	7.62	3103780	20.0
unknown-02	6.90	5.5	ng/ul	858815	1	7.62	3103780	20.0
Benzene, 1,2,3-tr...	7.27	78.3	ng/ul	12155200	1	7.62	3103780	20.0
Mesitylene	7.73	23.2	ng/ul	3601200	1	7.62	3103780	20.0
unknown-03	7.83	7.6	ng/ul	1179120	1	7.62	3103780	20.0
Benzene, 1,4-dich...	7.96	18.4	ng/ul	2848390	1	7.62	3103780	20.0
Cyclohexanol, 3,3...	8.25	149.2	ng/ul	23154600	1	7.62	3103780	20.0
Bicyclo[2.2.1]hep...	8.85	5.9	ng/ul	921240	1	7.62	3103780	20.0
3-Octanol, 3,7-di...	8.94	39.0	ng/ul	6053900	1	7.62	3103780	20.0
Phenol, 2,6-dimet...	9.04	6.0	ng/ul	1046800	2	10.39	3507390	20.0
Benzoic acid	9.72	10.9	ng/ul	1904610	2	10.39	3507390	20.0
Benzenemethanol, ...	9.76	4.3	ng/ul	760429	2	10.39	3507390	20.0
Phenol, 3,5-dimet...	9.89	4.0	ng/ul	698045	2	10.39	3507390	20.0
unknown-04	10.22	4.1	ng/ul	722961	2	10.39	3507390	20.0
Phenol, 3,4-dimet...	10.27	7.4	ng/ul	1296370	2	10.39	3507390	20.0
Bicyclo[4.1.0]hep...	10.81	9.9	ng/ul	1745590	2	10.39	3507390	20.0
Phenol, 2,4,6-tri...	10.98	15.1	ng/ul	2653980	2	10.39	3507390	20.0
unknown-05	11.07	5.0	ng/ul	872426	2	10.39	3507390	20.0