LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013055.D
Acq On : 20 Nov 2017 22:04
Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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	3.251	24	28	31	rBV	59522	73170	1.30%	0.103%
2	5.063	331	336	344	rVB	654079	968846	17.18%	1.368%
3	5.193	353	358	364	rBV	47655	66690	1.18%	0.094%
4	5.457	399	403	408	rVB3	39140	58574	1.04%	0.083%
5	6.010	492	497	505	rVB3	27740	60306	1.07%	0.085%
6	6.222	523	533	539	rBV	743466	1148181	20.35%	1.622%
7	6.398	557	563	567	rBV2	138422	211679	3.75%	0.299%
8	6.434	567	569	575	rVB	58007	78752	1.40%	0.111%
9	6.887	638	646	652	rBV	268598	420557	7.46%	0.594%
10	7.057	668	675	681	rBV	883584	1358598	24.08%	1.919%
11	7.251	701	708	715	rBV	1006074	1729608	30.66%	2.443%
12	7.322	715	720	724	rVB3	55192	82743	1.47%	0.117%
13	7.422	732	737	742	rVB4	113002	169345	3.00%	0.239%
14	7.716	777	787	798	rBV	920356	1599837	28.36%	2.259%
15	7.916	816	821	826	rBV2	119453	167889	2.98%	0.237%
16	8.063	841	846	858	rVB5	76954	184254	3.27%	0.260%
17	8.416	899	906	916	rVB	782213	1251834	22.19%	1.768%
18	8.816	968	974	977	rBV	67162	109447	1.94%	0.155%
19	8.869	977	983	990	rVV	1214929	2020869	35.82%	2.854%
20	8.939	990	995	1006	rVB6	74671	175267	3.11%	0.248%
21	9.033	1006	1011	1015	rBV2	68790	108145	1.92%	0.153%
22	9.498	1085	1090	1097	rBV4	51327	86826	1.54%	0.123%
23	9.586	1097	1105	1112	rVV	1012210	1749274	31.01%	2.470%
24	9.745	1127	1132	1136	rBV2	50295	96302	1.71%	0.136%
25	9.916	1157	1161	1165	rBV4	38096	59405	1.05%	0.084%
26	10.116	1189	1195	1203	rBV	1524479	2507815	44.46%	3.542%
27	10.310	1224	1228	1233	rBV4	45624	71719	1.27%	0.101%
28	10.498	1253	1260	1267	rBV	1285682	2113850	37.47%	2.985%
29	10.657	1278	1287	1288	rBV7	29465	72579	1.29%	0.102%
30	10.874	1316	1324	1336	rVB9	49962	148517	2.63%	0.210%
31	11.092	1354	1361	1371	rVB3	78251	159835	2.83%	0.226%
32	11.186	1371	1377	1381	rBV3	56624	98972	1.75%	0.140%
33	11.510	1426	1432	1441	rVB9	27687	63151	1.12%	0.089%
34	11.704	1459	1465	1473	rVB9	23251	63480	1.13%	0.090%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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 >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	11.845	1479	1489	1496	rBV	1062482	1737377	30.80%	2.454%
36	12.333	1564	1572	1579	rBV7	39781	120080	2.13%	0.170%
37	12.604	1613	1618	1623	rBV2	98385	151447	2.68%	0.214%
38	12.833	1652	1657	1660	rBV3	37274	63512	1.13%	0.090%
39	12.886	1662	1666	1671	rVV	199139	272711	4.83%	0.385%
40	12.933	1671	1674	1679	rVB5	39293	61751	1.09%	0.087%
41	13.257	1724	1729	1734	rBV5	64288	112984	2.00%	0.160%
42	13.410	1750	1755	1761	rVB4	45876	78928	1.40%	0.111%
43	13.645	1788	1795	1801	rVB8	61131	116171	2.06%	0.164%
44	13.768	1810	1816	1823	rBV	2820688	3954028	70.09%	5.584%
45	14.045	1856	1863	1872	rVB	3052071	4559981	80.84%	6.440%
46	14.139	1874	1879	1885	rBV4	43597	94307	1.67%	0.133%
47	14.357	1908	1916	1921	rBV2	1926666	2930240	51.95%	4.138%
48	14.557	1944	1950	1956	rBV3	249254	372345	6.60%	0.526%
49	15.104	2038	2043	2053	rBV	124519	204827	3.63%	0.289%
50	15.257	2064	2069	2074	rVB4	73598	110436	1.96%	0.156%
51	15.351	2079	2085	2094	rVB	3843213	5450790	96.63%	7.698%
52	15.468	2098	2105	2112	rBV	1192214	1741665	30.88%	2.460%
53	15.592	2121	2126	2132	rBV	164961	240976	4.27%	0.340%
54	15.862	2166	2172	2177	rBV2	178375	297638	5.28%	0.420%
55	16.033	2196	2201	2206	rBV	328325	496833	8.81%	0.702%
56	16.080	2206	2209	2212	rVV5	59112	92571	1.64%	0.131%
57	16.109	2212	2214	2221	rVB4	43952	67911	1.20%	0.096%
58	16.374	2254	2259	2262	rBV	80730	129286	2.29%	0.183%
59	16.409	2262	2265	2273	rVB	241126	325055	5.76%	0.459%
60	16.480	2273	2277	2281	rBV3	56062	79980	1.42%	0.113%
61	16.621	2298	2301	2310	rVB3	36035	77392	1.37%	0.109%
62	17.062	2371	2376	2378	rBV	404898	524074	9.29%	0.740%
63	17.104	2378	2383	2391	rVB2	2233055	3284660	58.23%	4.639%
64	17.198	2393	2399	2407	rBV2	3944207	5608591	99.43%	7.921%
65	17.345	2420	2424	2430	rVB8	42134	82664	1.47%	0.117%
66	17.721	2481	2488	2493	rBV2	98721	159760	2.83%	0.226%
67	17.774	2493	2497	2501	rVV4	78125	110912	1.97%	0.157%
68	18.003	2532	2536	2545	rBV7	77407	125257	2.22%	0.177%
69	18.139	2555	2559	2566	rVB	123607	179145	3.18%	0.253%
70	18.245	2571	2577	2579	rBV	100619	161521	2.86%	0.228%
71	18.292	2579	2585	2591	rVV	175386	330237	5.85%	0.466%

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Start Thrs: 0.2 Max Peaks: 100
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72	18.445	2607	2611	2613	rBV4	46346	59203	1.05%	0.084%
73	19.003	2699	2706	2711	rVB	80304	126609	2.24%	0.179%
74	19.121	2723	2726	2731	rVB2	52062	76020	1.35%	0.107%
75	19.227	2738	2744	2748	rBV8	39646	72405	1.28%	0.102%
76	19.292	2751	2755	2760	rBV2	135604	196156	3.48%	0.277%
77	19.492	2783	2789	2795	rBV2	4051931	5641020	100.00%	7.966%
78	19.545	2795	2798	2806	rVB	170892	217691	3.86%	0.307%
79	19.945	2863	2866	2871	rBV4	51725	58395	1.04%	0.082%
80	20.003	2871	2876	2879	rBV7	62959	87195	1.55%	0.123%
81	20.539	2963	2967	2970	rBV4	74312	92300	1.64%	0.130%
82	21.203	3077	3080	3084	rVB5	48160	60782	1.08%	0.086%
83	21.286	3088	3094	3100	rVV	2370013	3003859	53.25%	4.242%
84	21.409	3111	3115	3119	rBV	103984	142612	2.53%	0.201%
85	22.862	3359	3362	3370	rVB4	117544	172477	3.06%	0.244%
86	23.374	3442	3449	3456	rBV2	2362837	4284211	75.95%	6.050%
87	23.433	3457	3459	3464	rVB5	136841	176331	3.13%	0.249%
88	23.515	3467	3473	3480	rVB	1357061	2497681	44.28%	3.527%

Sum of corrected areas: 70809306

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Instrument : BNA_M
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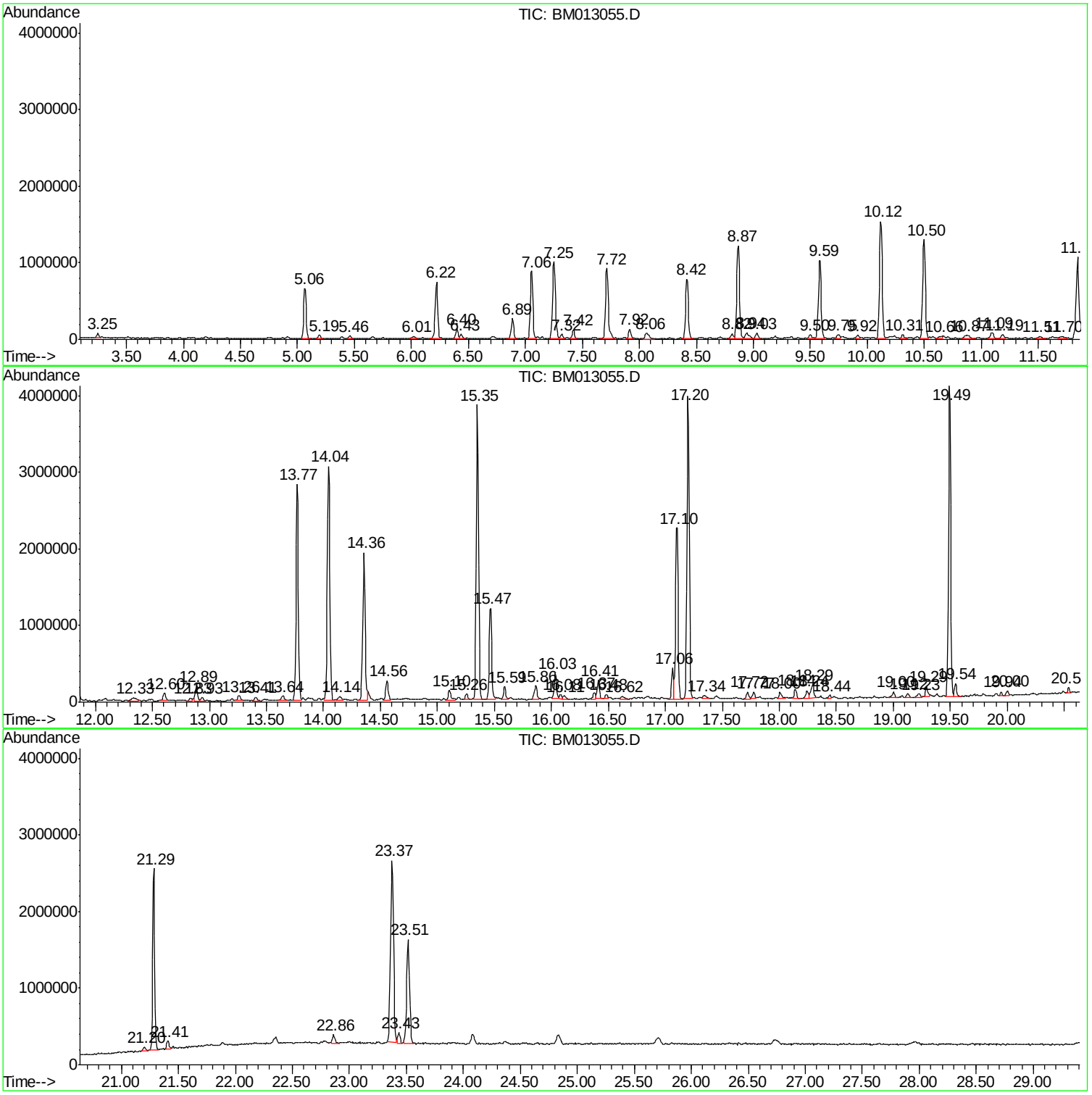
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

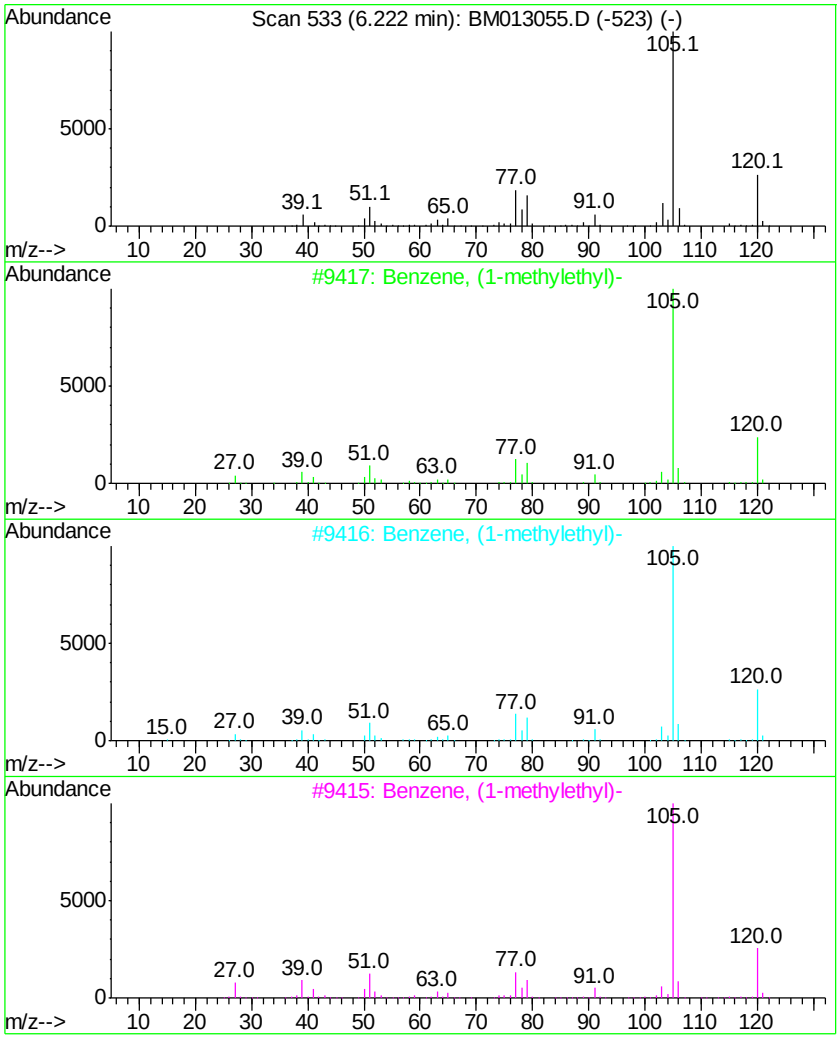
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

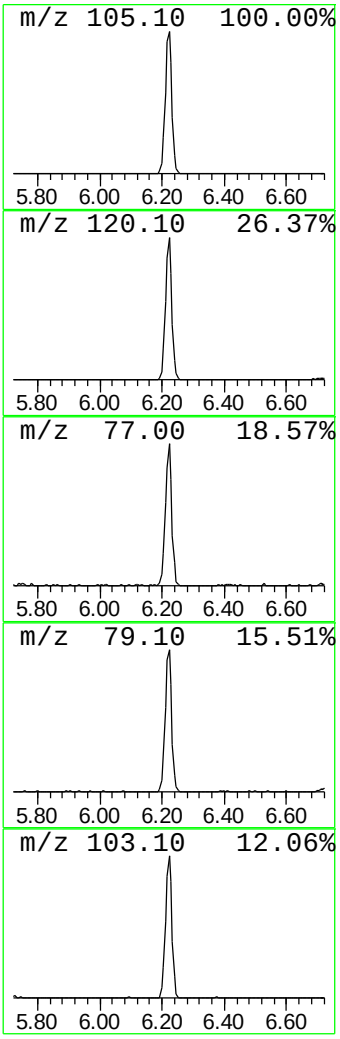
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	14.35 ng/ul	1148180	1,4-Dichlorobenzene-d4	7.72

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-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Data File : BM013055.D
Acq On : 20 Nov 2017 22:04
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Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

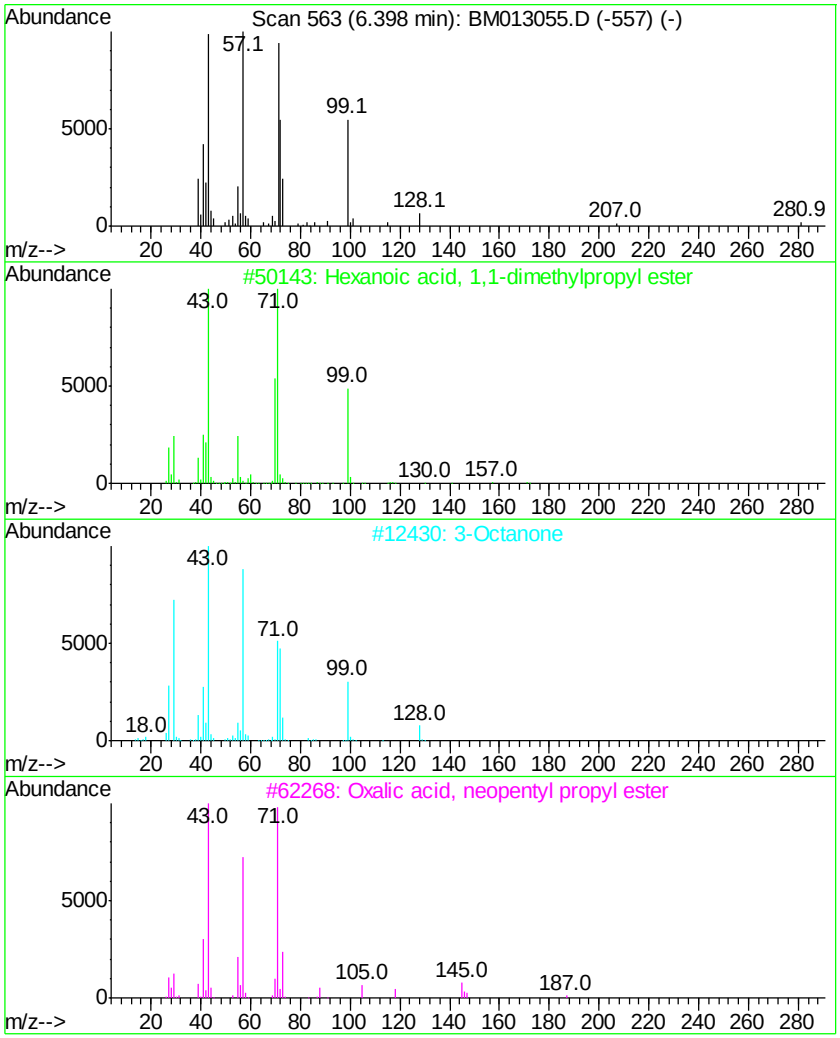
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

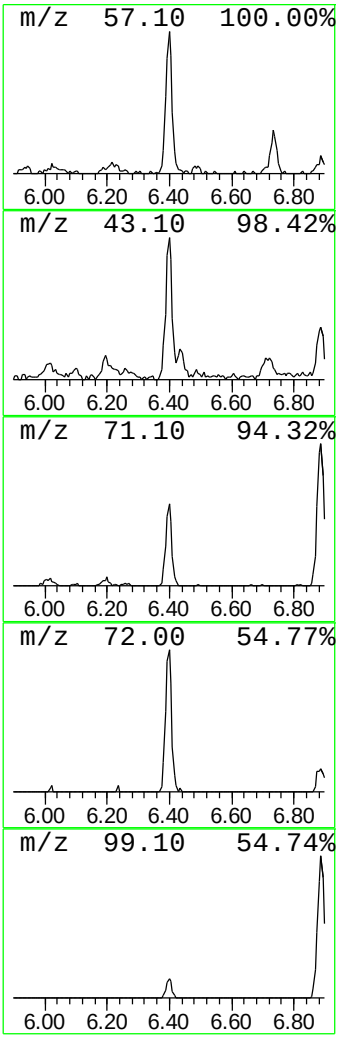
****

Peak Number 3 Hexanoic acid, 1,1-dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.65 ng/ul	211679	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	50
2	3-Octanone	128	C8H16O	000106-68-3	49
3	Oxalic acid, neopentyl propyl ester	202	C10H18O4	1000309-72-5	43
4	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	43
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	40





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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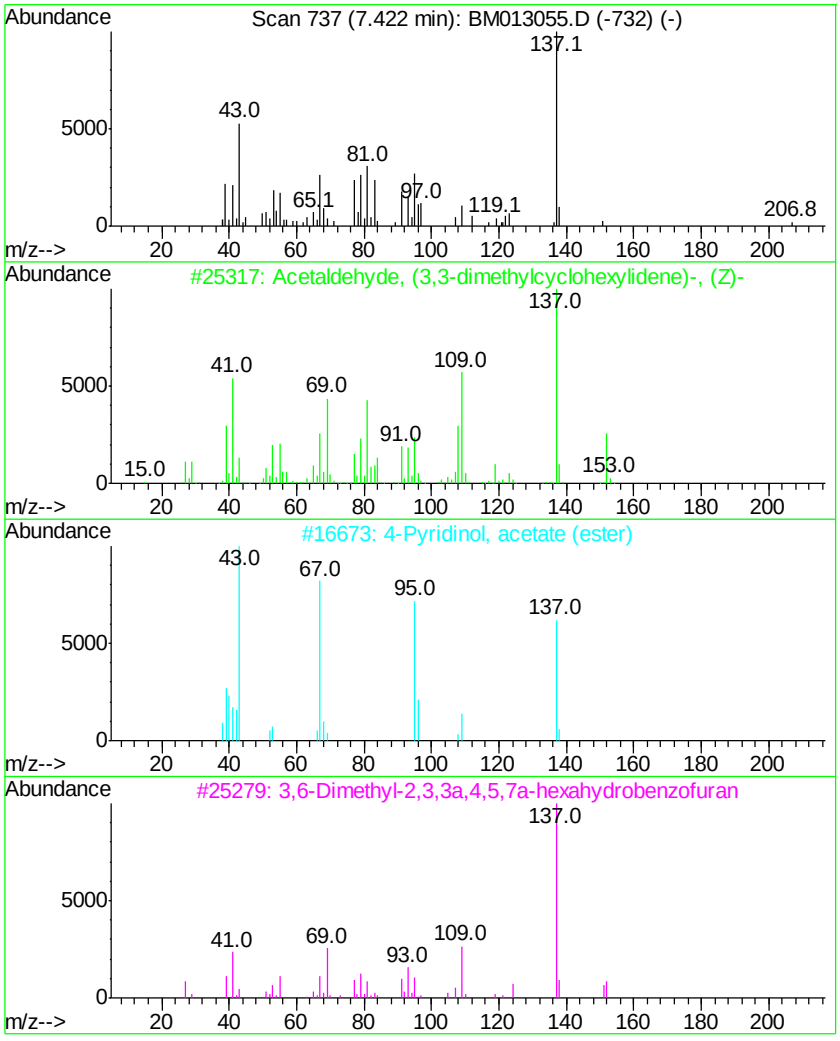
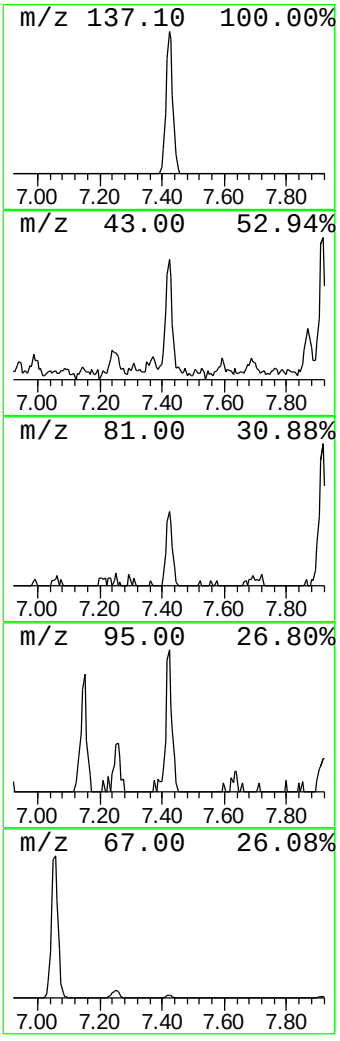
Peak Number 4 Acetaldehyde, (3,3-dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	2.12 ng/ul	169345	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	53
2	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	50
3	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	47
4	Cyclohexanone, 2-(2-nitro-2-prop...	183	C9H13NO3	078551-08-3	40
5	7-Oxo-4,7-dihydro-triazolo(3,2-c...	137	C4H3N5O	057351-74-3	35





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Misc :
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Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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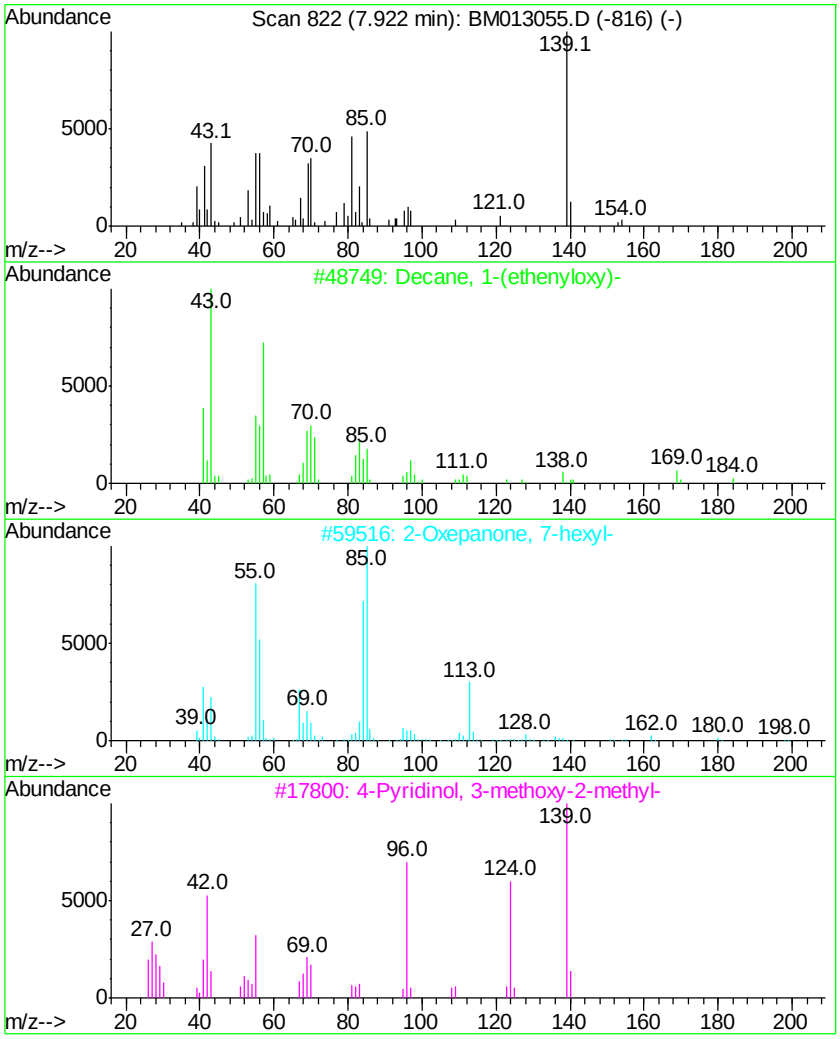
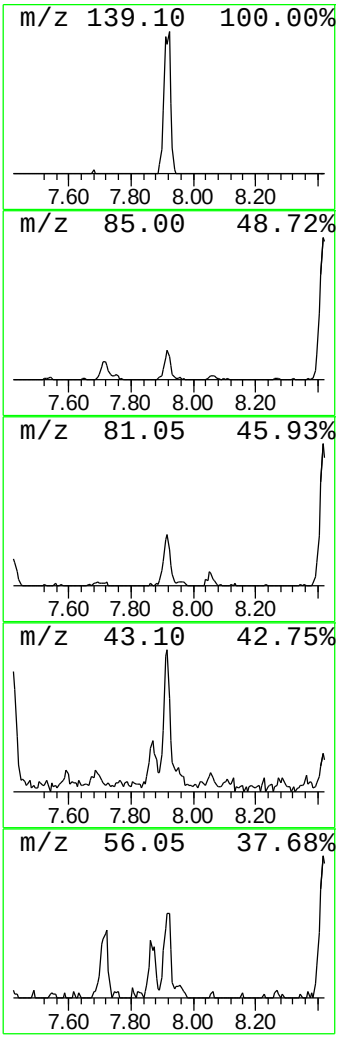
****

Peak Number 5 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.10 ng/ul	167889	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-(ethenyloxy)-	184	C12H24O	000765-05-9	35
2	2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	22
3	4-Pyridinol, 3-methoxy-2-methyl-	139	C7H9NO2	053603-11-5	22
4	1,3-Dioxane, 4,6-diethyl-, trans-	144	C8H16O2	016731-92-3	22
5	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	16





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

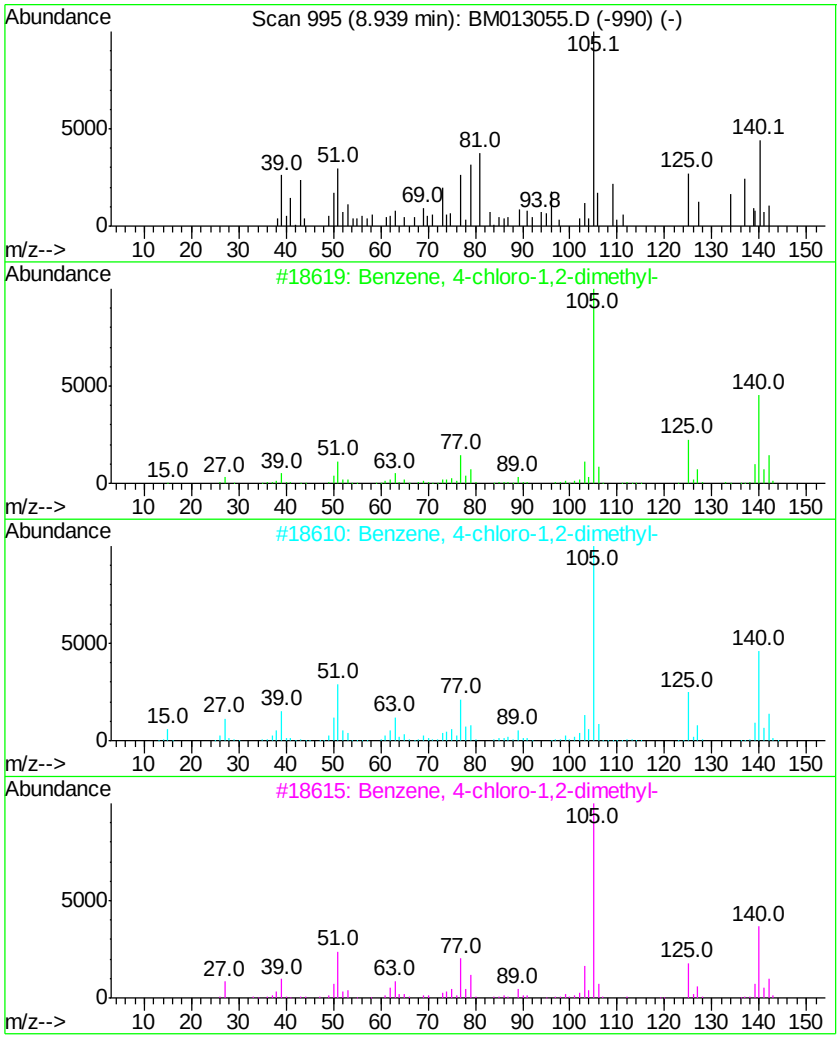
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

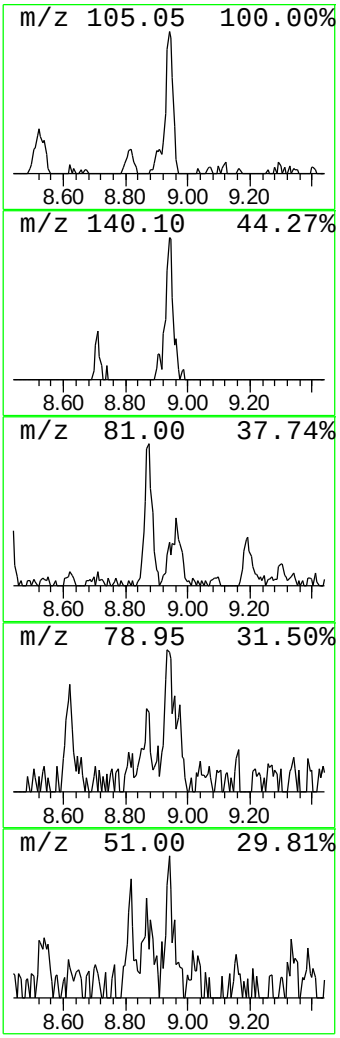
****

Peak Number 7 Benzene, 4-chloro-1,2-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.19 ng/ul	175267	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	50
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	49
3	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	41
4	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	35
5	m-Xylene, 5-chloro-	140	C8H9Cl	000556-97-8	30





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Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

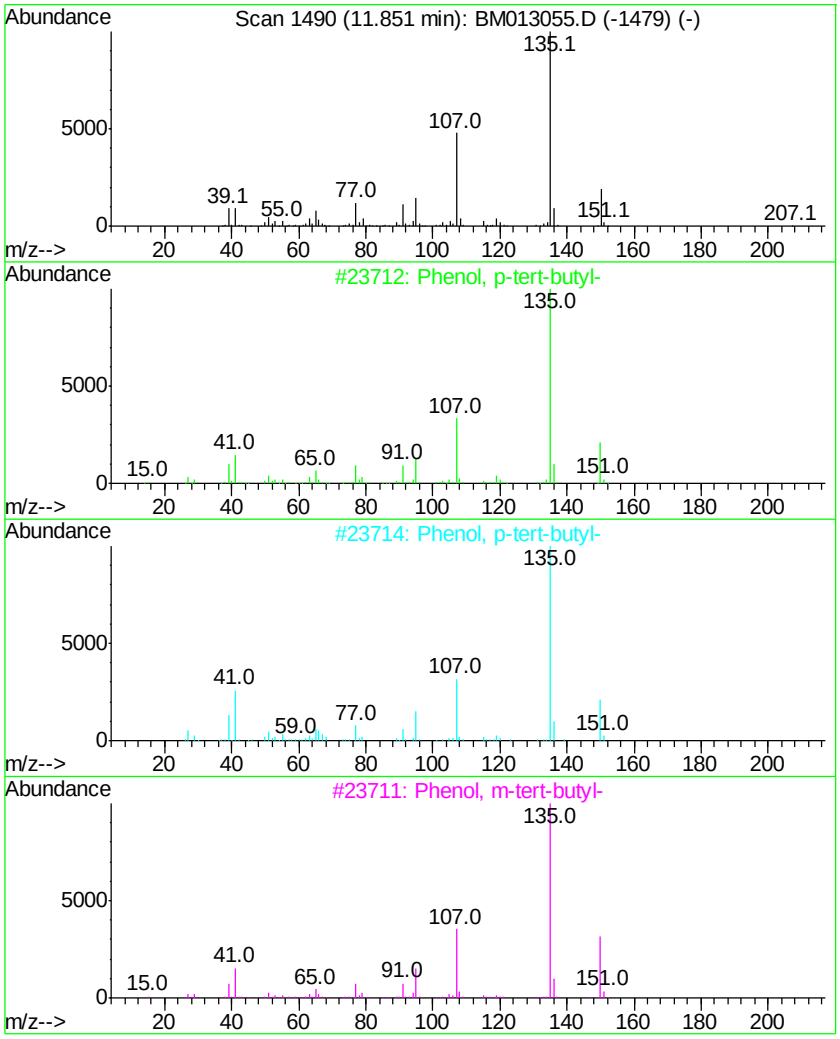
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

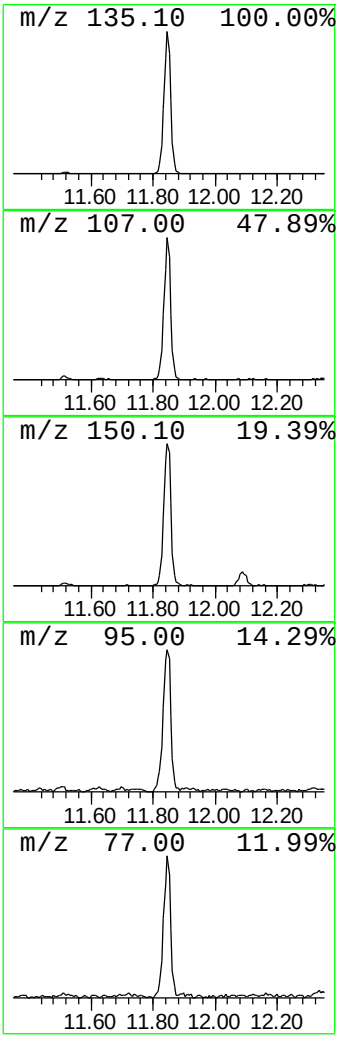
****

Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.44 ng/ul	1737380	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	83
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013055.D
Acq On : 20 Nov 2017 22:04
Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

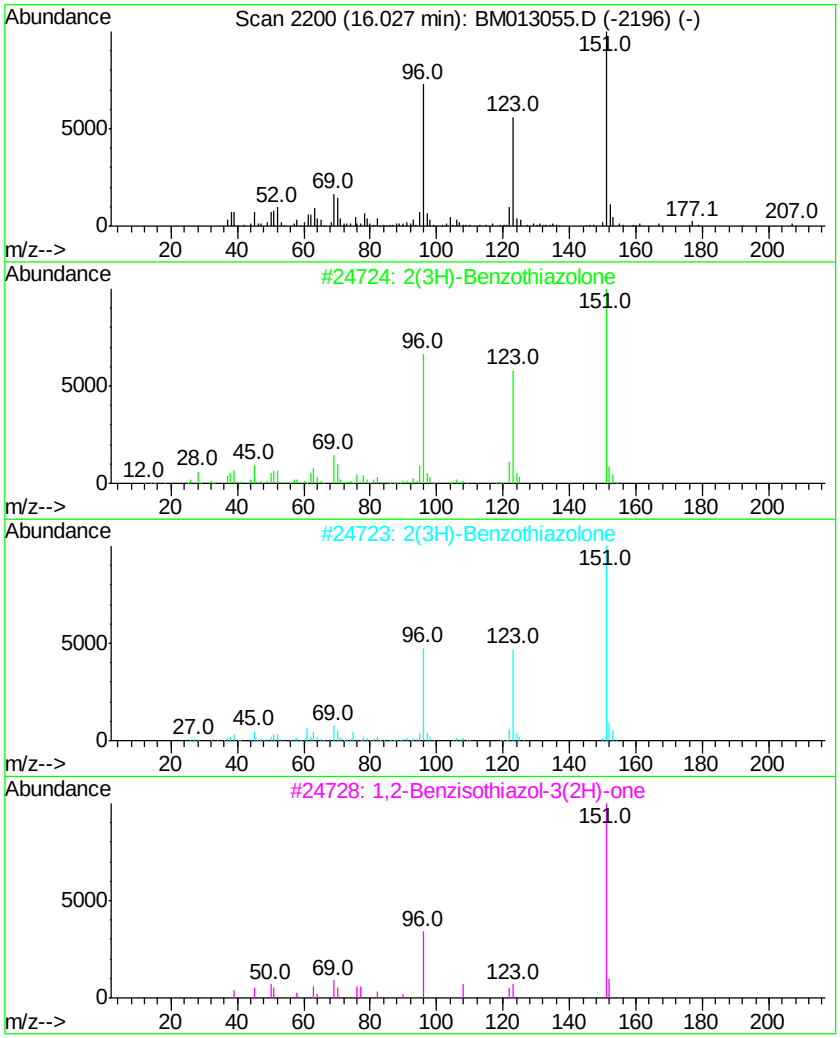
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

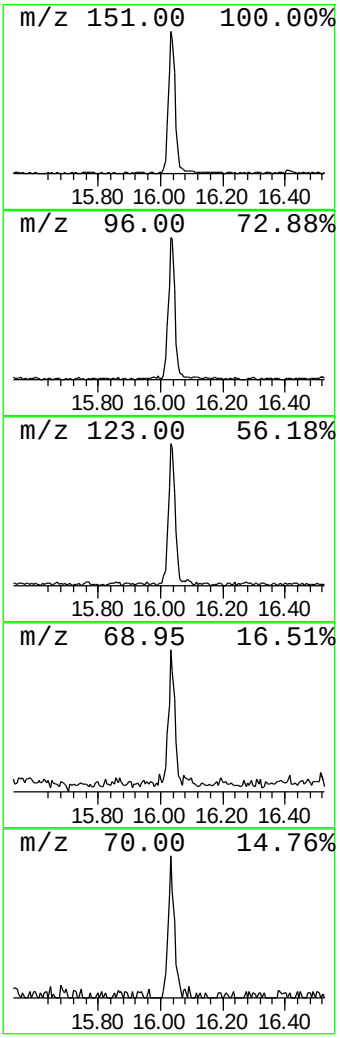
****

Peak Number 9 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.03 ng/ul	496833	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
5	2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013055.D
Acq On : 20 Nov 2017 22:04
Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

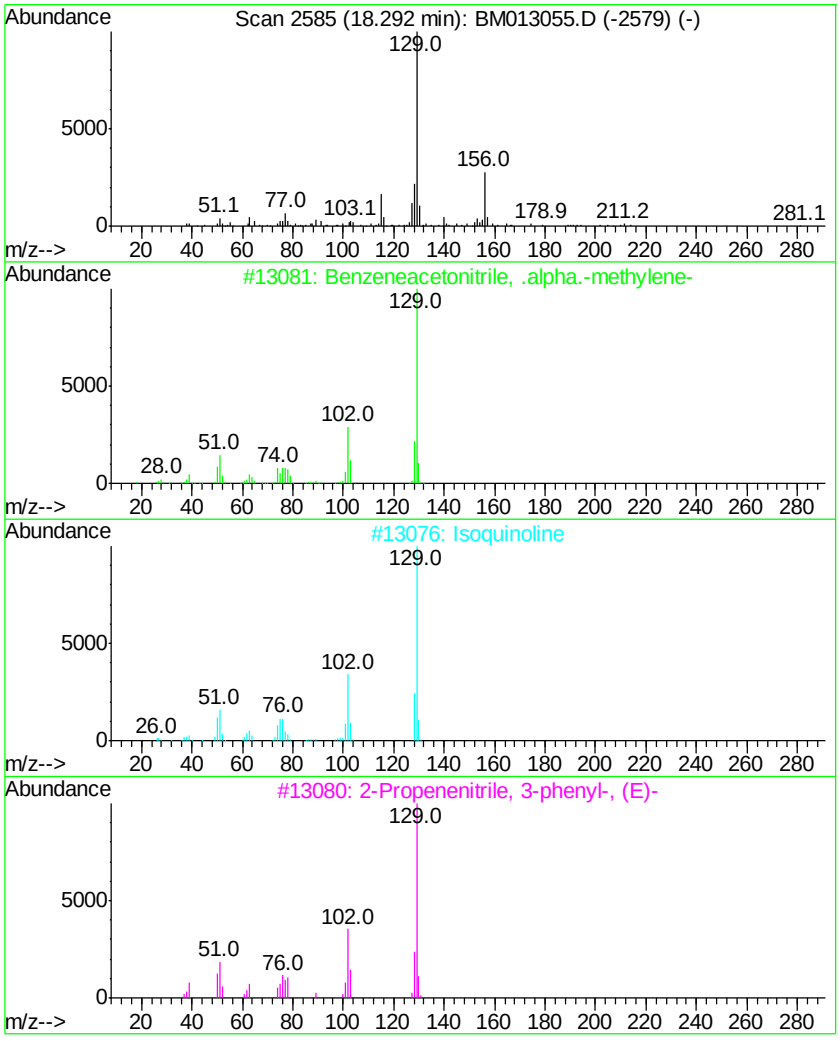
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

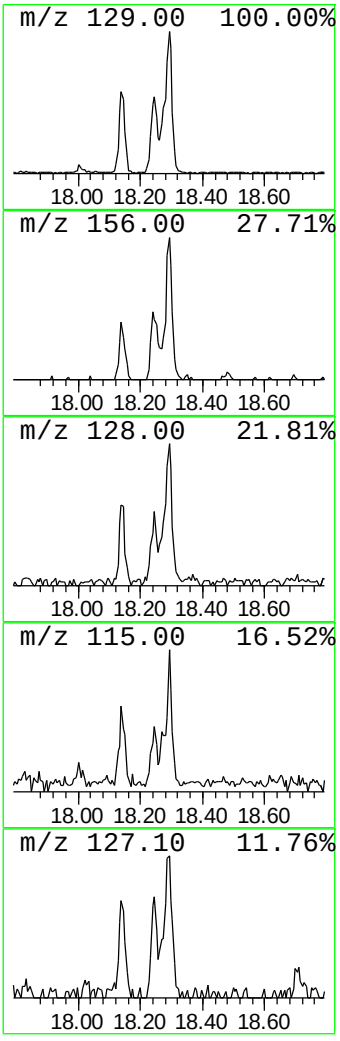
****

Peak Number 10 Benzeneacetonitrile, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.01 ng/ul	330237	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	50
2	Isoquinoline	129	C9H7N	000119-65-3	50
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
4	Quinoline	129	C9H7N	000091-22-5	50
5	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112017\
Data File : BM013055.D
Acq On : 20 Nov 2017 22:04
Operator : SJ/JU
Sample : I6489-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
Benzene, (1-methy...	6.22	14.4	ng/ul	1148180	1	7.72	1599840	20.0
Hexanoic acid, 1,...	6.40	2.6	ng/ul	211679	1	7.72	1599840	20.0
Acetaldehyde, (3,...	7.42	2.1	ng/ul	169345	1	7.72	1599840	20.0
unknown-01	7.92	2.1	ng/ul	167889	1	7.72	1599840	20.0
Benzene, 4-chloro...	8.94	2.2	ng/ul	175267	1	7.72	1599840	20.0
Phenol, p-tert-bu...	11.85	16.4	ng/ul	1737380	2	10.50	2113850	20.0
2(3H)-Benzothiazo...	16.03	3.0	ng/ul	496833	4	17.10	3284660	20.0
Benzeneacetonitri...	18.29	2.0	ng/ul	330237	4	17.10	3284660	20.0