LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013056.D
Acq On : 20 Nov 2017 22:39
Operator : SJ/JU
Sample : I6489-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z1

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	3.246	23	27	31	rBV	58836	77362	1.17%	0.111%
2	5.069	331	337	345	rVB	252946	379043	5.75%	0.542%
3	5.387	385	391	400	rBV	343088	781372	11.86%	1.118%
4	6.222	523	533	538	rBV	425553	655264	9.95%	0.937%
5	6.398	558	563	567	rBV2	79031	108617	1.65%	0.155%
6	6.887	639	646	654	rBV	306426	544100	8.26%	0.778%
7	7.057	668	675	680	rBV	883038	1374228	20.86%	1.966%
8	7.251	701	708	716	rBV	1050401	1719830	26.11%	2.460%
9	7.363	722	727	732	rVV	76821	116726	1.77%	0.167%
10	7.716	779	787	794	rBV	925300	1550918	23.55%	2.219%
11	7.781	794	798	802	rVV	163123	256225	3.89%	0.367%
12	7.916	816	821	826	rBV2	64101	96969	1.47%	0.139%
13	8.063	841	846	858	rVB3	89712	182510	2.77%	0.261%
14	8.416	900	906	915	rBV	864834	1409760	21.40%	2.017%
15	8.869	976	983	992	rVB	1243548	2065485	31.36%	2.955%
16	9.028	1005	1010	1017	rVB	77850	125340	1.90%	0.179%
17	9.498	1086	1090	1096	rBV2	50430	78439	1.19%	0.112%
18	9.580	1096	1104	1115	rVB2	1082407	1929624	29.30%	2.760%
19	9.916	1156	1161	1169	rVB4	93397	176612	2.68%	0.253%
20	10.116	1188	1195	1204	rBV	1551311	2591528	39.34%	3.707%
21	10.427	1243	1248	1253	rBV3	70721	112934	1.71%	0.162%
22	10.498	1253	1260	1266	rBV	1297563	2115477	32.12%	3.026%
23	10.645	1278	1285	1294	rVB10	26473	73206	1.11%	0.105%
24	10.892	1325	1327	1334	rVB6	44327	72516	1.10%	0.104%
25	11.098	1354	1362	1368	rBV5	48810	98339	1.49%	0.141%
26	11.845	1479	1489	1496	rBV2	174742	299300	4.54%	0.428%
27	12.357	1564	1576	1585	rVB2	30276	85135	1.29%	0.122%
28	12.868	1652	1663	1664	rBV3	52908	106608	1.62%	0.153%
29	13.257	1723	1729	1736	rBV3	97860	174747	2.65%	0.250%
30	13.768	1807	1816	1823	rBV	2975585	4333475	65.79%	6.199%
31	14.045	1856	1863	1871	rVB	3252867	4935773	74.93%	7.061%
32	14.139	1874	1879	1884	rBV2	50189	73651	1.12%	0.105%
33	14.357	1908	1916	1929	rBV2	1924787	3105505	47.15%	4.442%
34	14.557	1942	1950	1956	rBV2	316751	504139	7.65%	0.721%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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	15.351	2076	2085	2093	rBV	4262059	6235458	94.67%	8.920%
36	15.468	2099	2105	2112	rBV	1330286	1900262	28.85%	2.718%
37	15.539	2112	2117	2121	rVV6	39323	71836	1.09%	0.103%
38	15.586	2121	2125	2131	rVB	66158	95667	1.45%	0.137%
39	15.868	2166	2173	2179	rBV4	48954	88038	1.34%	0.126%
40	16.033	2196	2201	2206	rVB	100587	155913	2.37%	0.223%
41	17.104	2375	2383	2389	rVB	2405775	3508082	53.26%	5.018%
42	17.198	2393	2399	2410	rBV2	4438307	6366278	96.65%	9.107%
43	18.003	2532	2536	2541	rBV5	102978	153751	2.33%	0.220%
44	18.139	2554	2559	2566	rVB	151266	209274	3.18%	0.299%
45	18.245	2569	2577	2580	rBV	129118	227673	3.46%	0.326%
46	18.292	2580	2585	2594	rVB	250848	445755	6.77%	0.638%
47	19.127	2722	2727	2733	rBV	59633	98456	1.49%	0.141%
48	19.292	2750	2755	2763	rBV2	174435	273456	4.15%	0.391%
49	19.380	2766	2770	2775	rVB2	49006	72827	1.11%	0.104%
50	19.497	2783	2790	2795	rBV	4721996	6586806	100.00%	9.423%
51	21.286	3088	3094	3099	rBV	2616964	3267462	49.61%	4.674%
52	22.862	3359	3362	3368	rVB5	100634	155581	2.36%	0.223%
53	23.374	3442	3449	3456	rBV2	2663574	4920738	74.71%	7.039%
54	23.515	3466	3473	3479	rBV	1377944	2581668	39.19%	3.693%
55	24.080	3566	3569	3575	rVB5	100687	178714	2.71%	0.256%

Sum of corrected areas: 69904452

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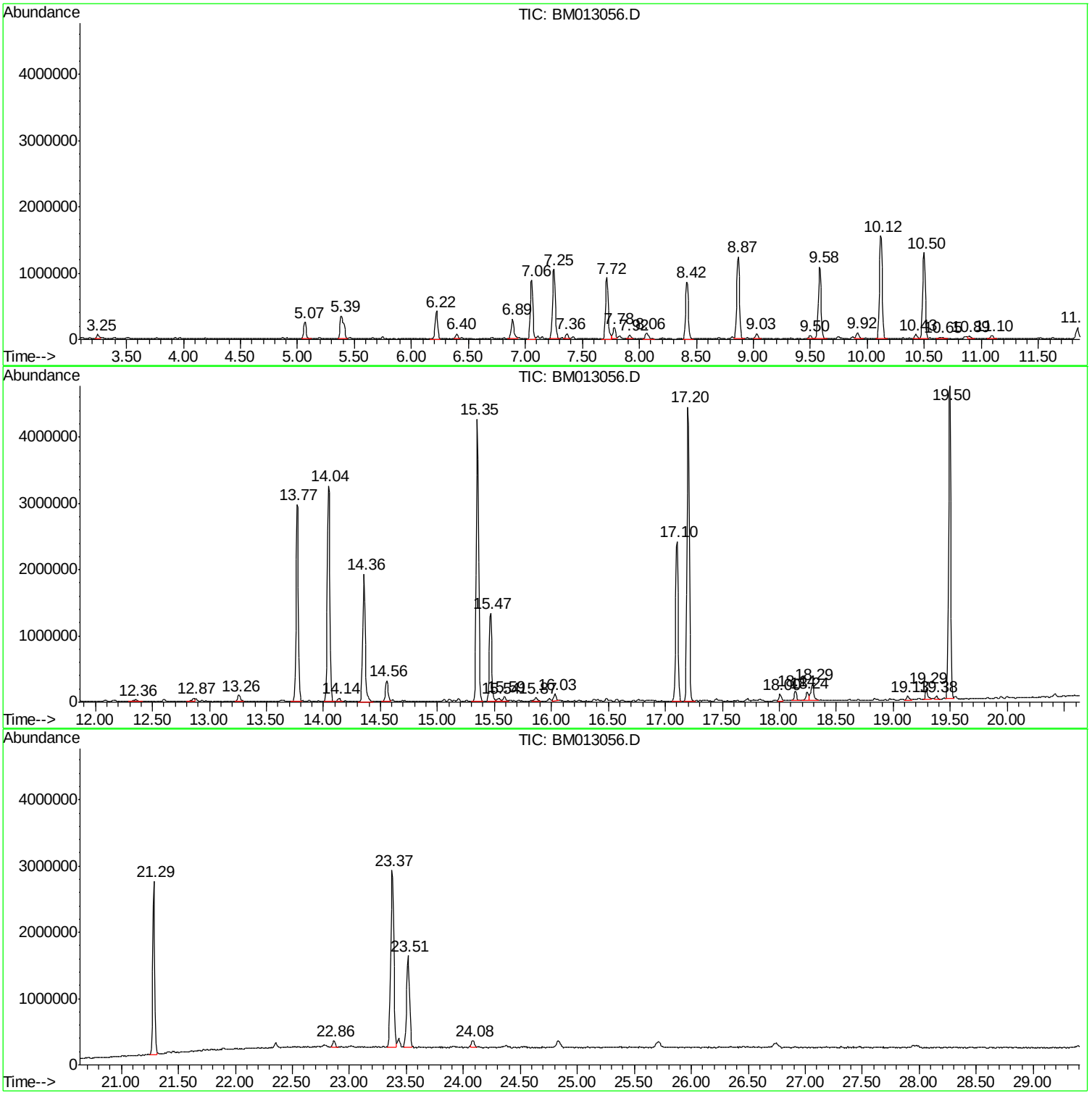
Instrument : BNA_M
ClientSampleId : BE2Z1

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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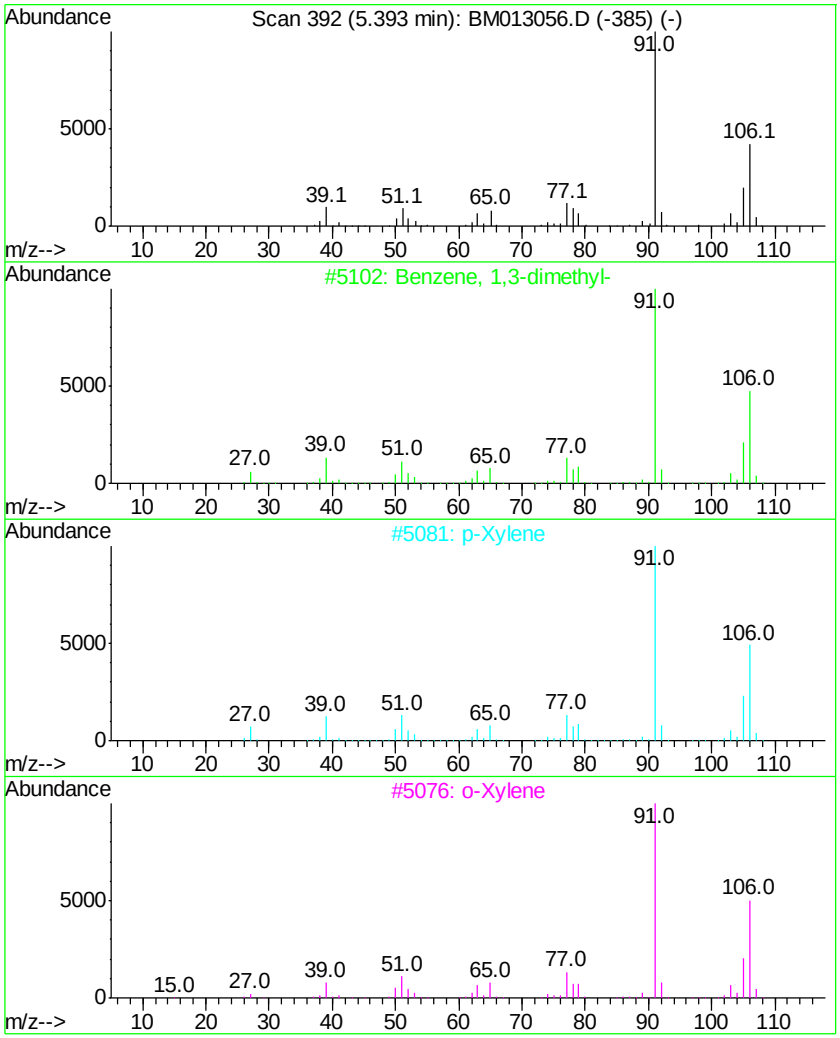
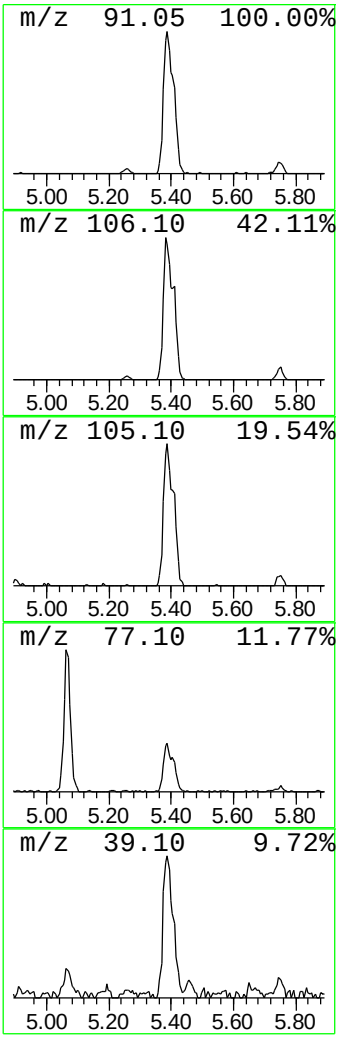
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	10.08 ng/ul	781372	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	93
4	o-Xylene	106	C8H10	000095-47-6	91
5	p-Xylene	106	C8H10	000106-42-3	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z1

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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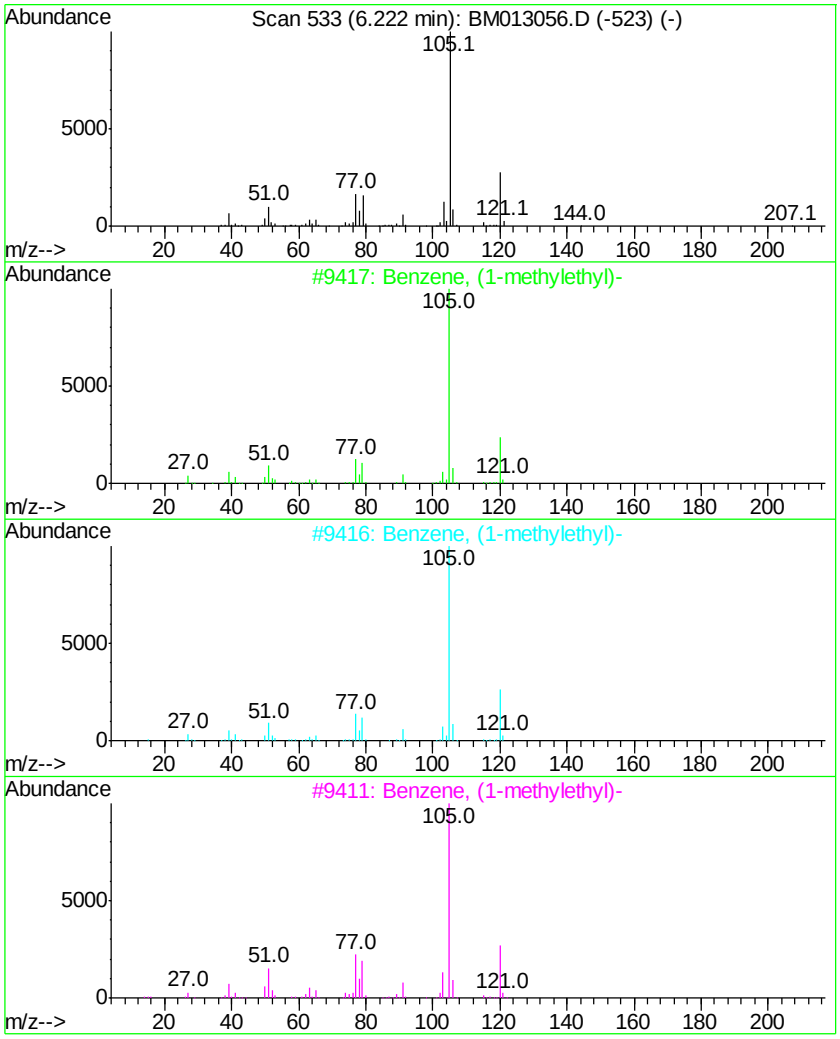
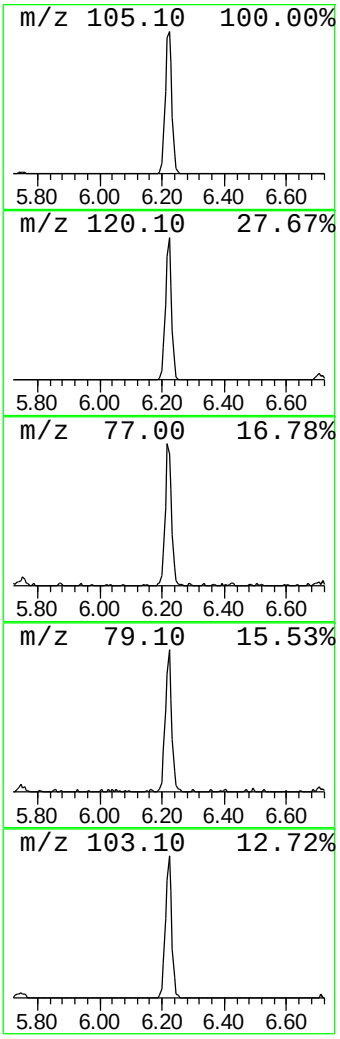
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	8.45 ng/ul	655264	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	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE2Z1

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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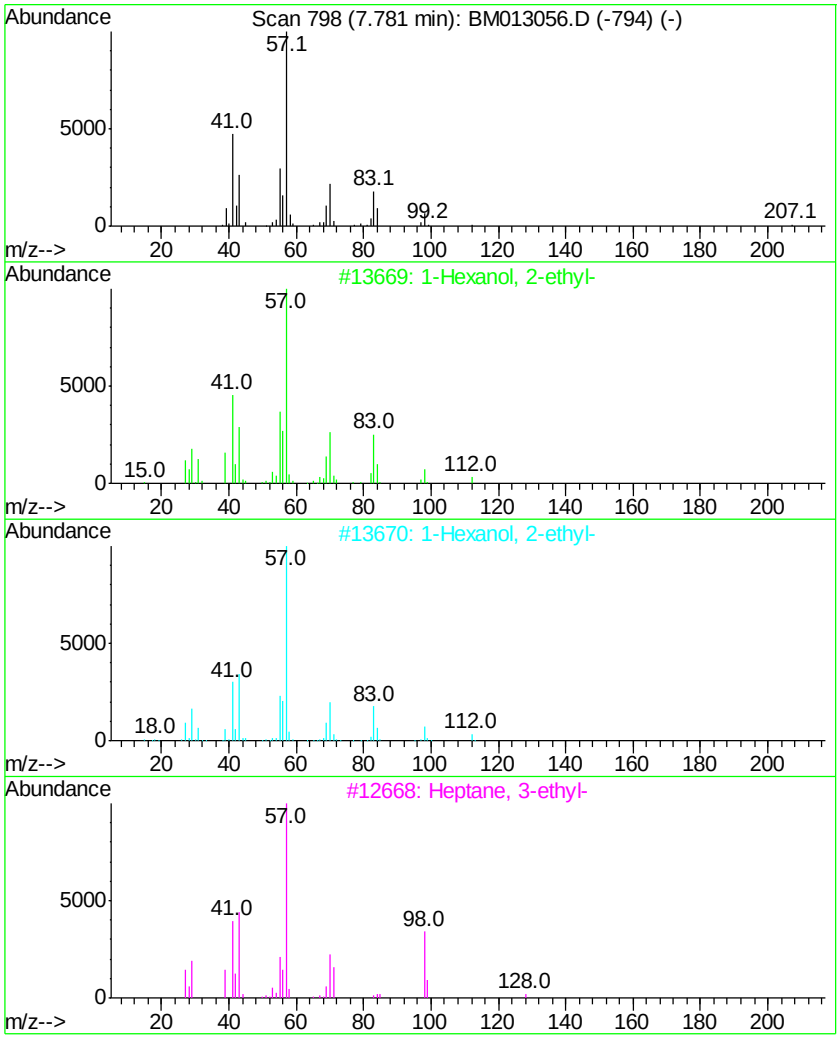
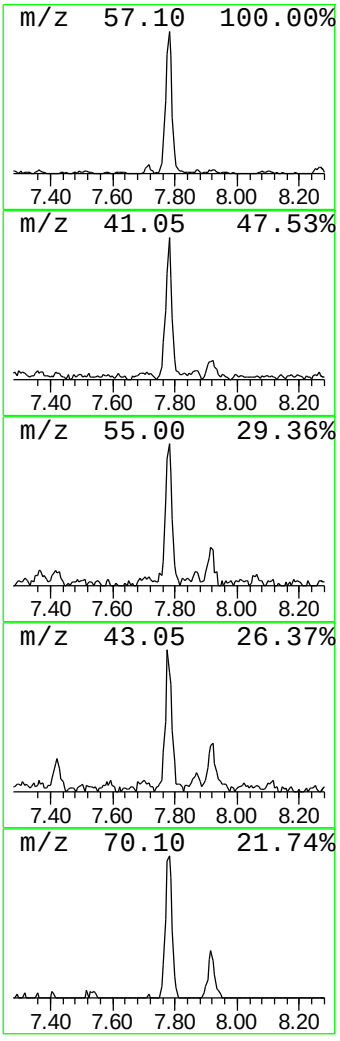
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.30 ng/ul	256225	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	56





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Quant Title : SVOA CALIBRATION

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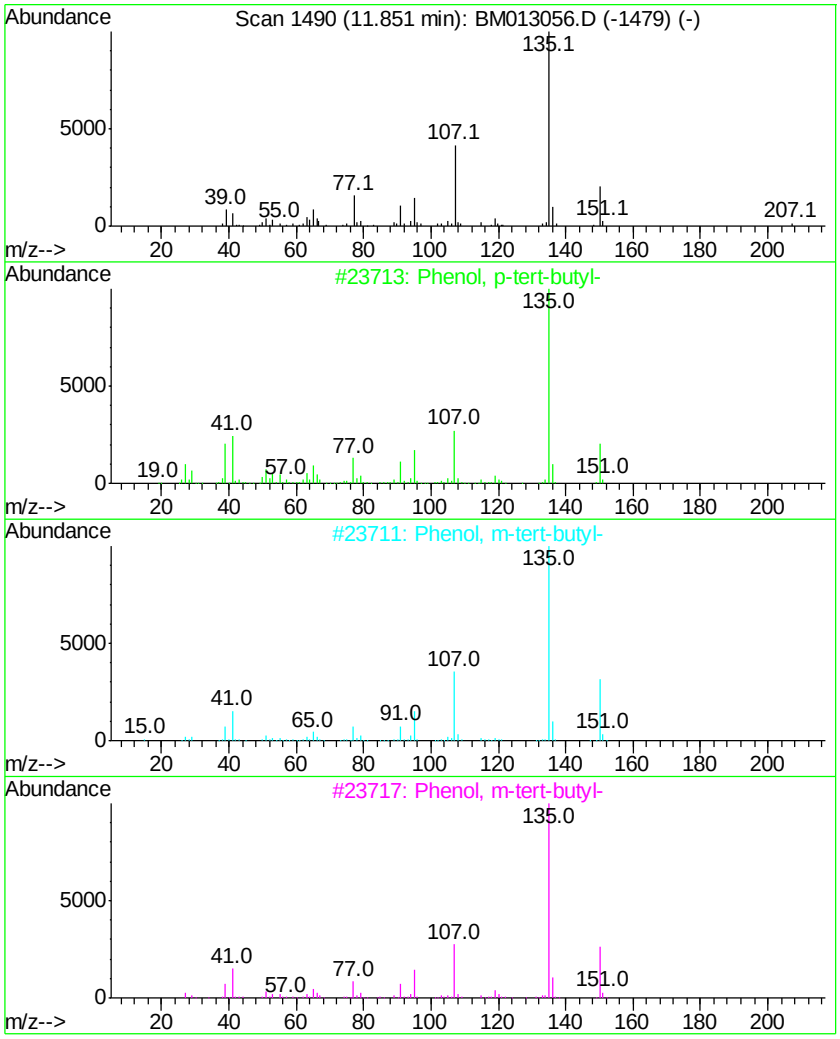
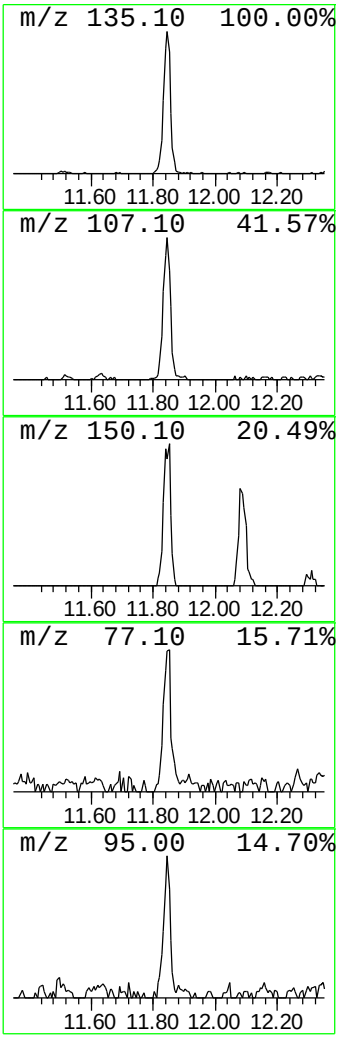
Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.83 ng/ul	299300	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, m-tert-butyl-	150	C10H14O	000585-34-2	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87





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Quant Title : SVOA CALIBRATION

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

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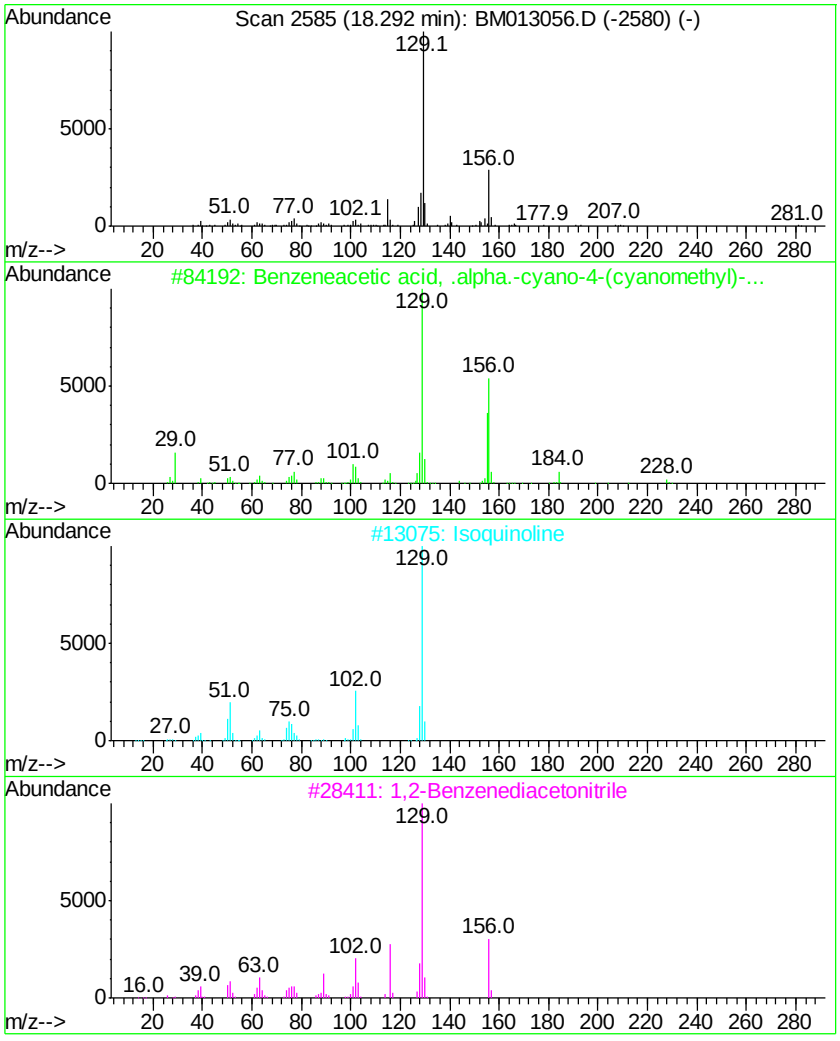
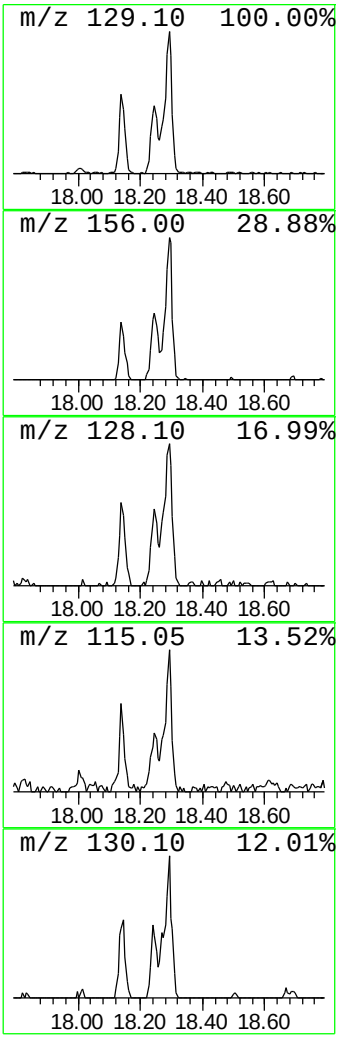
Peak Number 7 Benzeneacetic acid, .alpha.... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.54 ng/ul	445755	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	56
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	50
4	Quinoline	129	C9H7N	000091-22-5	47
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	42





Tentatively Identified Compound (LSC) summary

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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, 1,3-dime...	5.39	10.1	ng/ul	781372	1	7.72	1550920	20.0
Benzene, (1-methy...	6.22	8.4	ng/ul	655264	1	7.72	1550920	20.0
1-Hexanol, 2-ethyl-	7.78	3.3	ng/ul	256225	1	7.72	1550920	20.0
Phenol, p-tert-bu...	11.85	2.8	ng/ul	299300	2	10.50	2115480	20.0
Benzeneacetic aci...	18.29	2.5	ng/ul	445755	4	17.10	3508080	20.0