LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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	5.069	330	337	351	rVB	6787541	9474570	100.00%	19.536%
2	5.463	399	404	412	rVB2	108070	158520	1.67%	0.327%
3	6.222	525	533	543	rBV	1048137	1534140	16.19%	3.163%
4	6.398	554	563	568	rBV	106465	172143	1.82%	0.355%
5	6.704	608	615	624	rBV	174676	297625	3.14%	0.614%
6	6.851	635	640	644	rBV2	132204	203608	2.15%	0.420%
7	7.057	670	675	679	rBV	110025	171535	1.81%	0.354%
8	7.110	679	684	687	rVV	58490	95912	1.01%	0.198%
9	7.145	687	690	696	rVB	129870	183546	1.94%	0.378%
10	7.251	703	708	715	rBV2	137868	269332	2.84%	0.555%
11	7.422	731	737	744	rVB	192905	287359	3.03%	0.593%
12	7.716	776	787	792	rBV	728762	1245063	13.14%	2.567%
13	7.916	816	821	828	rVB	251998	354295	3.74%	0.731%
14	8.081	841	849	859	rVB2	98311	232433	2.45%	0.479%
15	8.416	900	906	915	rVB2	101610	193135	2.04%	0.398%
16	8.622	935	941	946	rBV5	63943	102707	1.08%	0.212%
17	8.704	949	955	960	rVB3	71319	146436	1.55%	0.302%
18	8.816	969	974	978	rBV3	147511	239614	2.53%	0.494%
19	8.869	978	983	990	rVV	144584	305117	3.22%	0.629%
20	8.945	990	996	1007	rVB3	142449	284010	3.00%	0.586%
21	9.334	1053	1062	1067	rVB2	91220	169207	1.79%	0.349%
22	9.498	1085	1090	1099	rVB2	111811	209857	2.21%	0.433%
23	9.581	1099	1104	1109	rVV2	116871	211303	2.23%	0.436%
24	9.751	1127	1133	1142	rVB8	68386	152933	1.61%	0.315%
25	9.869	1148	1153	1155	rBV	81826	118055	1.25%	0.243%
26	9.910	1156	1160	1168	rVB4	148931	336119	3.55%	0.693%
27	10.122	1188	1196	1202	rBV2	188603	323034	3.41%	0.666%
28	10.239	1211	1216	1224	rVB7	74424	175164	1.85%	0.361%
29	10.310	1224	1228	1233	rBV	80106	117398	1.24%	0.242%
30	10.498	1253	1260	1265	rBV	906912	1498495	15.82%	3.090%
31	10.910	1325	1330	1335	rVB	88514	153124	1.62%	0.316%
32	11.633	1444	1453	1457	rBV4	45691	98320	1.04%	0.203%
33	11.845	1480	1489	1497	rBV	704458	1266265	13.36%	2.611%
34	12.327	1564	1571	1576	rBV7	42423	96881	1.02%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

35	12.886	1662	1666	1671	rVV	244386	340375	3.59%	0.702%
36	12.939	1671	1675	1679	rVV4	70073	105418	1.11%	0.217%
37	12.998	1681	1685	1691	rVB3	90310	127967	1.35%	0.264%
38	13.410	1748	1755	1763	rBV3	97132	159844	1.69%	0.330%
39	13.480	1763	1767	1774	rBV3	57722	102733	1.08%	0.212%
40	13.769	1811	1816	1825	rBV2	369200	714566	7.54%	1.473%
41	13.898	1834	1838	1844	rVB2	78988	101359	1.07%	0.209%
42	14.045	1858	1863	1869	rVB	340232	517966	5.47%	1.068%
43	14.139	1873	1879	1890	rVB	190135	318500	3.36%	0.657%
44	14.357	1908	1916	1921	rBV2	1335545	2070724	21.86%	4.270%
45	14.392	1921	1922	1929	rVB4	143539	184993	1.95%	0.381%
46	14.563	1945	1951	1957	rBV9	55014	96449	1.02%	0.199%
47	14.751	1978	1983	1988	rVB6	66627	106757	1.13%	0.220%
48	15.104	2038	2043	2047	rBV	145522	198514	2.10%	0.409%
49	15.257	2063	2069	2075	rBV5	69206	107592	1.14%	0.222%
50	15.351	2080	2085	2092	rVV	440868	648603	6.85%	1.337%
51	15.463	2097	2104	2111	rBV5	108045	199681	2.11%	0.412%
52	15.592	2121	2126	2128	rBV	74209	112380	1.19%	0.232%
53	15.615	2128	2130	2133	rVB	85659	100112	1.06%	0.206%
54	15.863	2166	2172	2177	rBV2	181918	333873	3.52%	0.688%
55	15.974	2182	2191	2194	rVV9	47763	98940	1.04%	0.204%
56	16.039	2194	2202	2207	rVV	364547	644894	6.81%	1.330%
57	16.086	2207	2210	2219	rVB4	109289	187415	1.98%	0.386%
58	16.380	2255	2260	2262	rBV	82817	124798	1.32%	0.257%
59	16.410	2262	2265	2270	rVB	212621	285773	3.02%	0.589%
60	17.068	2372	2377	2379	rBV	382203	552167	5.83%	1.139%
61	17.104	2379	2383	2393	rVB2	1590732	2311633	24.40%	4.767%
62	17.198	2393	2399	2404	rBV2	508515	743671	7.85%	1.533%
63	17.274	2408	2412	2419	rVV3	173360	228300	2.41%	0.471%
64	17.721	2484	2488	2492	rBV3	71563	109443	1.16%	0.226%
65	17.774	2492	2497	2503	rVV	281360	409182	4.32%	0.844%
66	17.833	2503	2507	2512	rVB	79462	123521	1.30%	0.255%
67	18.068	2542	2547	2555	rBV	242088	340844	3.60%	0.703%
68	18.145	2555	2560	2567	rVB	433094	579819	6.12%	1.196%
69	18.245	2572	2577	2580	rVV	372860	551664	5.82%	1.138%
70	18.298	2580	2586	2593	rVB	686929	1211259	12.78%	2.498%
71	18.839	2673	2678	2684	rBV	131117	185743	1.96%	0.383%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

72	18.974	2697	2701	2703	rBV	76376	95250	1.01%	0.196%
73	19.003	2703	2706	2710	rVB3	143927	169823	1.79%	0.350%
74	19.109	2716	2724	2732	rVB4	149409	269229	2.84%	0.555%
75	19.233	2737	2745	2749	rBV8	62046	141555	1.49%	0.292%
76	19.492	2784	2789	2794	rBV	595716	808876	8.54%	1.668%
77	19.550	2794	2799	2805	rBV	1480626	1811086	19.12%	3.734%
78	19.715	2823	2827	2835	rVB	122617	174741	1.84%	0.360%
79	19.792	2836	2840	2844	rBV	121376	163923	1.73%	0.338%
80	19.909	2855	2860	2863	rBV	164501	217800	2.30%	0.449%
81	19.950	2863	2867	2872	rVB	267066	327297	3.45%	0.675%
82	20.003	2872	2876	2879	rBV3	112350	150271	1.59%	0.310%
83	20.227	2910	2914	2919	rVB2	114285	130805	1.38%	0.270%
84	21.286	3089	3094	3100	rBV	2308634	2838116	29.96%	5.852%
85	21.409	3111	3115	3122	rBV	541219	718418	7.58%	1.481%
86	23.374	3443	3449	3456	rBV3	428257	803664	8.48%	1.657%
87	23.438	3457	3460	3466	rVV4	109986	196236	2.07%	0.405%
88	23.521	3466	3474	3485	rVB	1420292	2796035	29.51%	5.765%
89	24.091	3568	3571	3579	rVB3	124352	224179	2.37%	0.462%
90	24.844	3694	3699	3706	rVB7	114489	245328	2.59%	0.506%

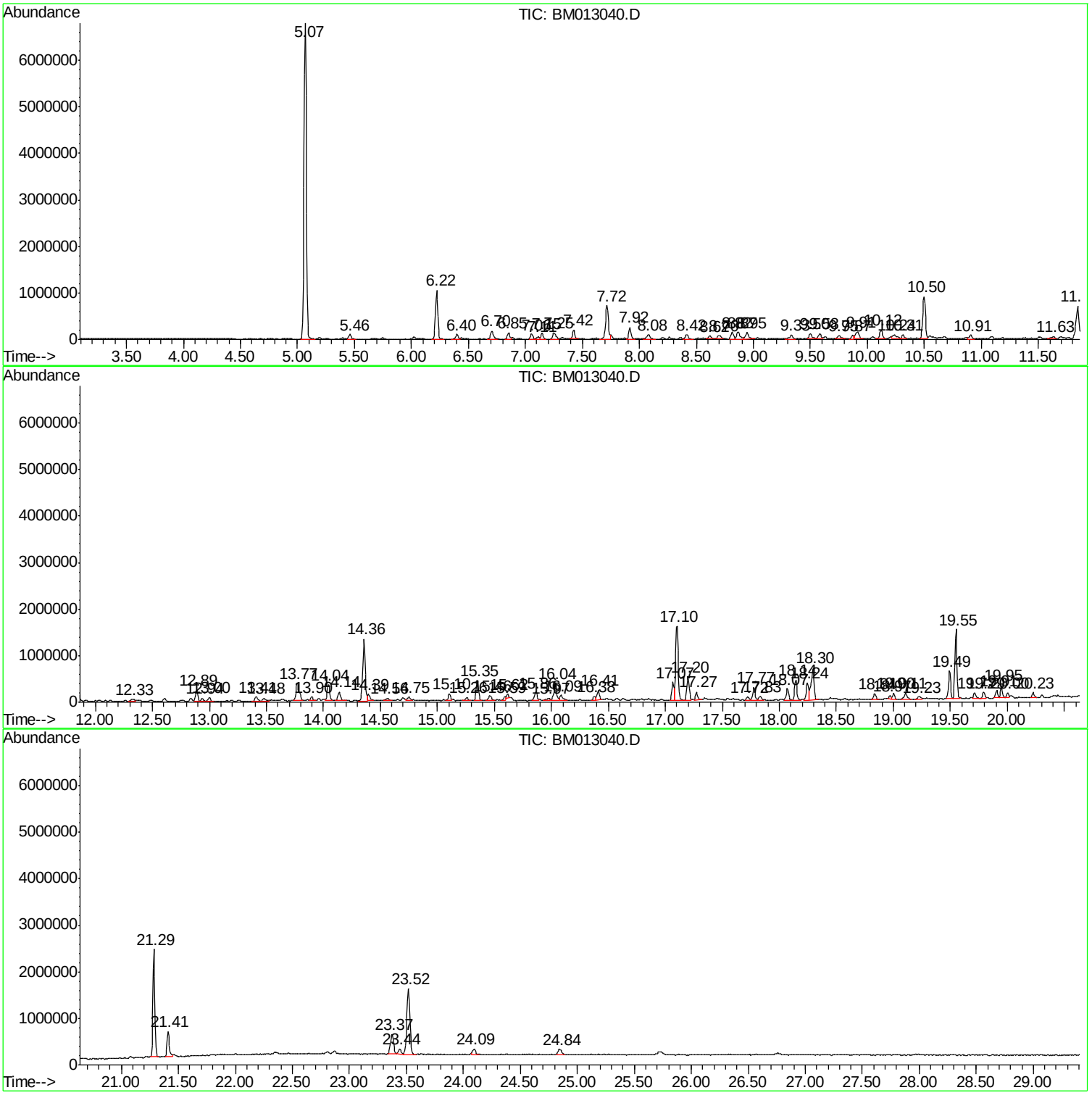
Sum of corrected areas: 48497359

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

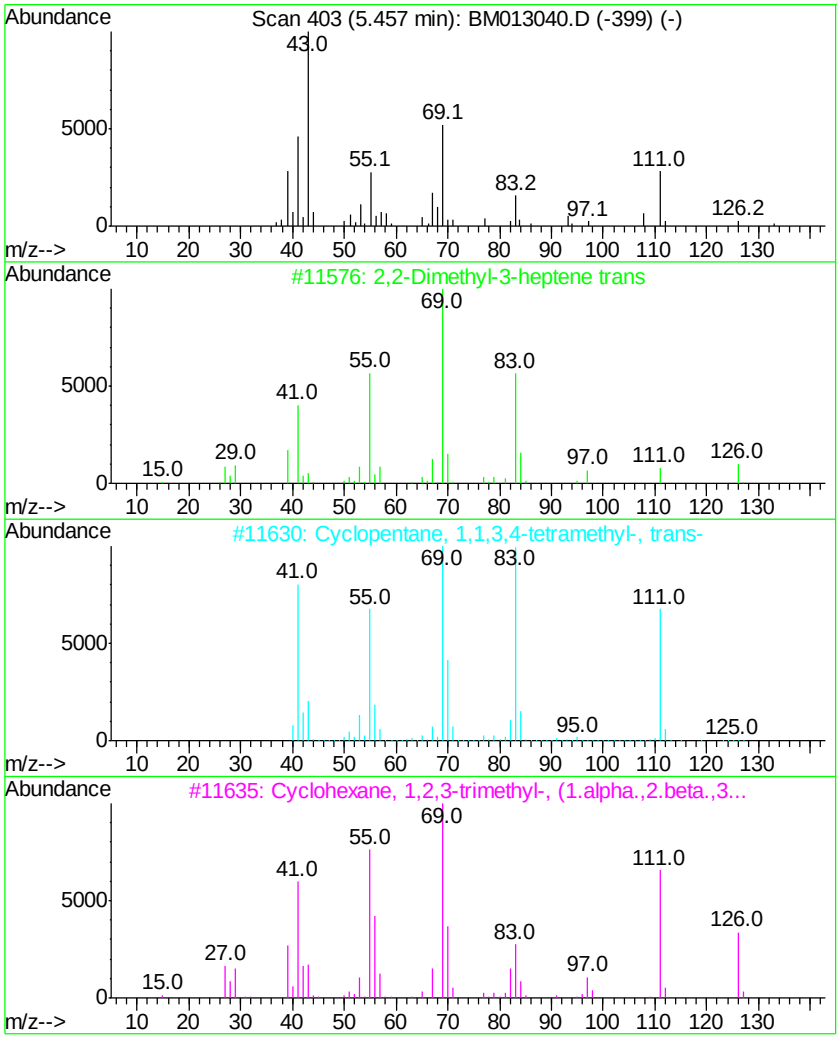
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

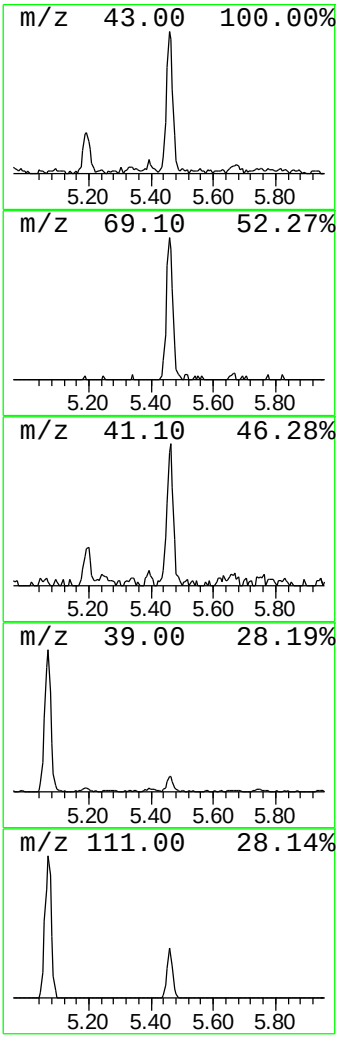
****

Peak Number 2 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	2.55 ng/ul	158520	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	35
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	32
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	32
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

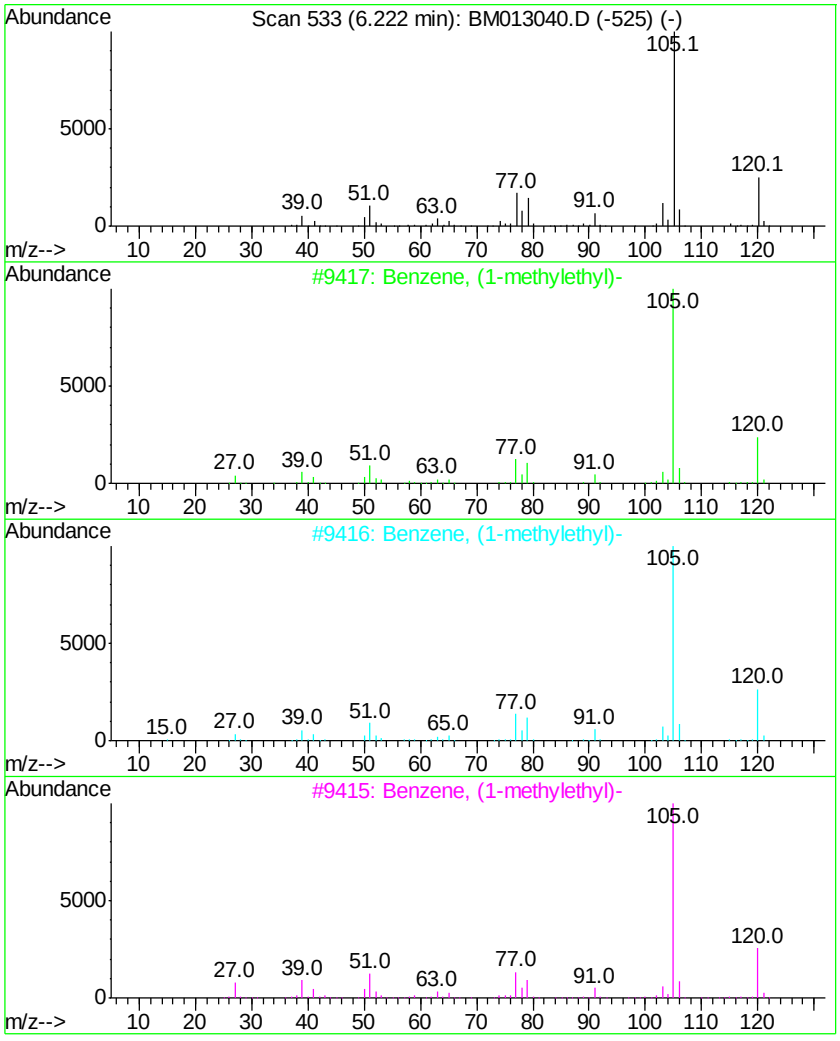
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

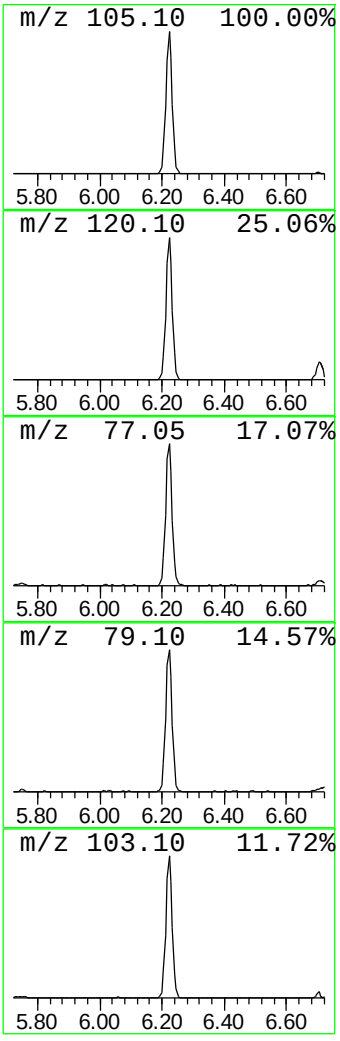
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	24.64 ng/ul	1534140	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

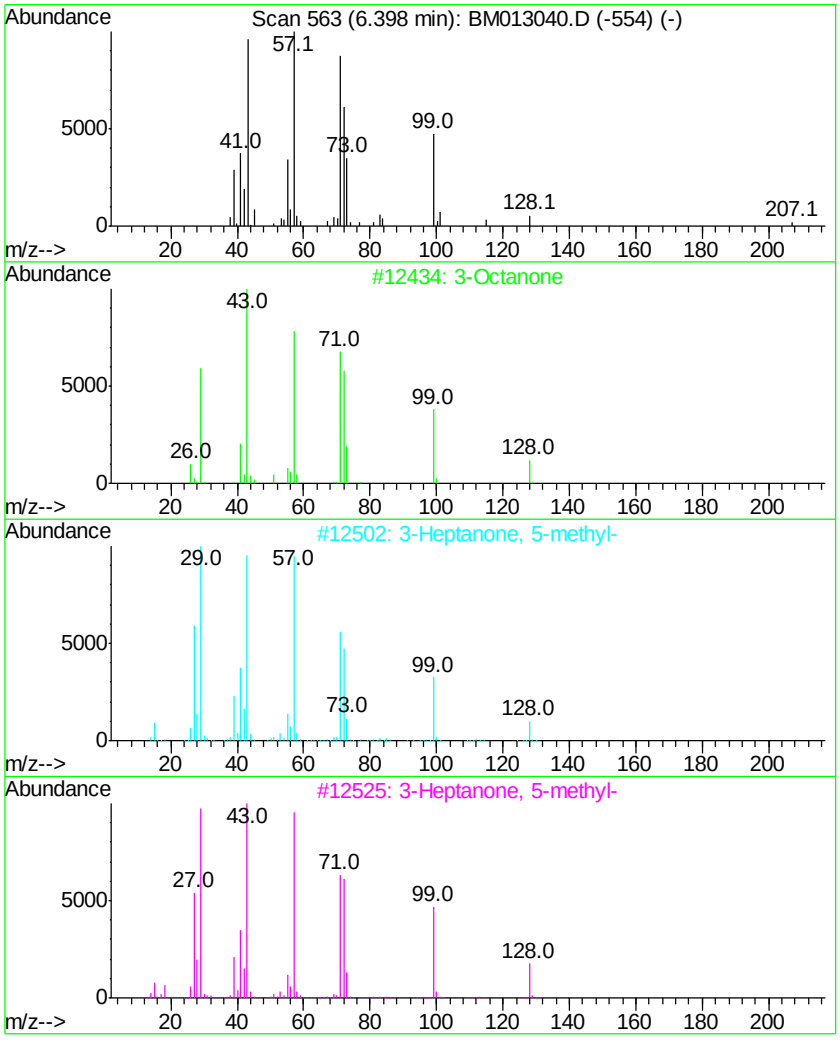
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

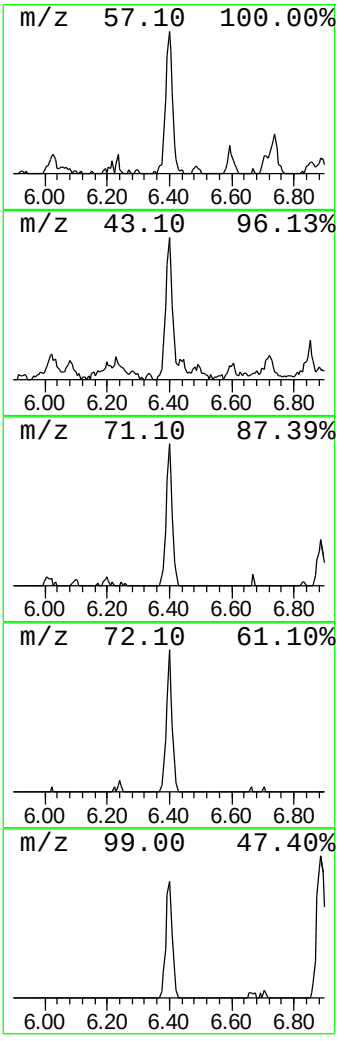
****

Peak Number 4 3-Octanone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.77 ng/ul	172143	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	80
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50
5	3-Octanone	128	C8H16O	000106-68-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

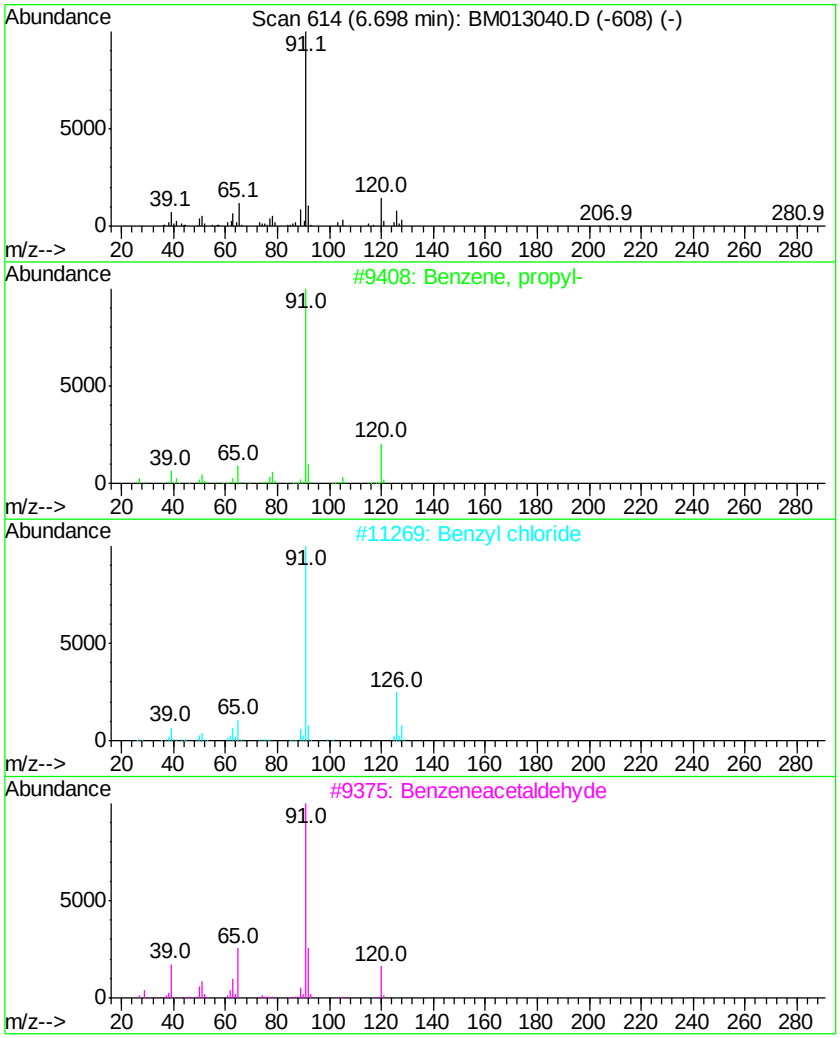
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

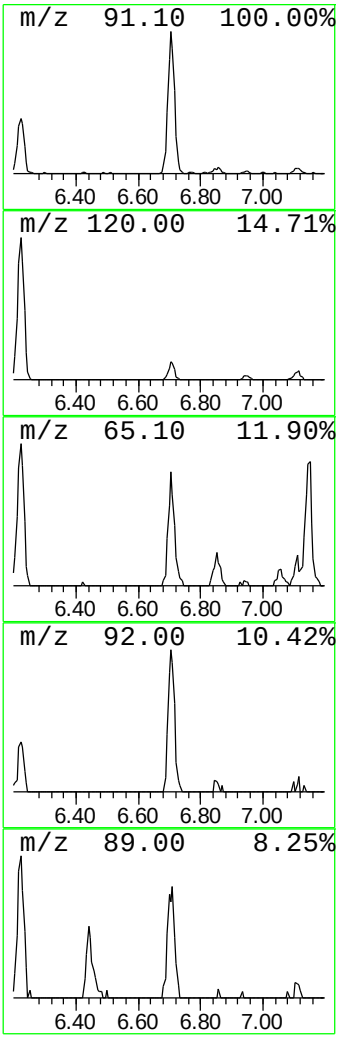
****

Peak Number 5 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	4.78 ng/ul	297625	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	68
2	Benzyl chloride	126	C7H7Cl	000100-44-7	68
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	64
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

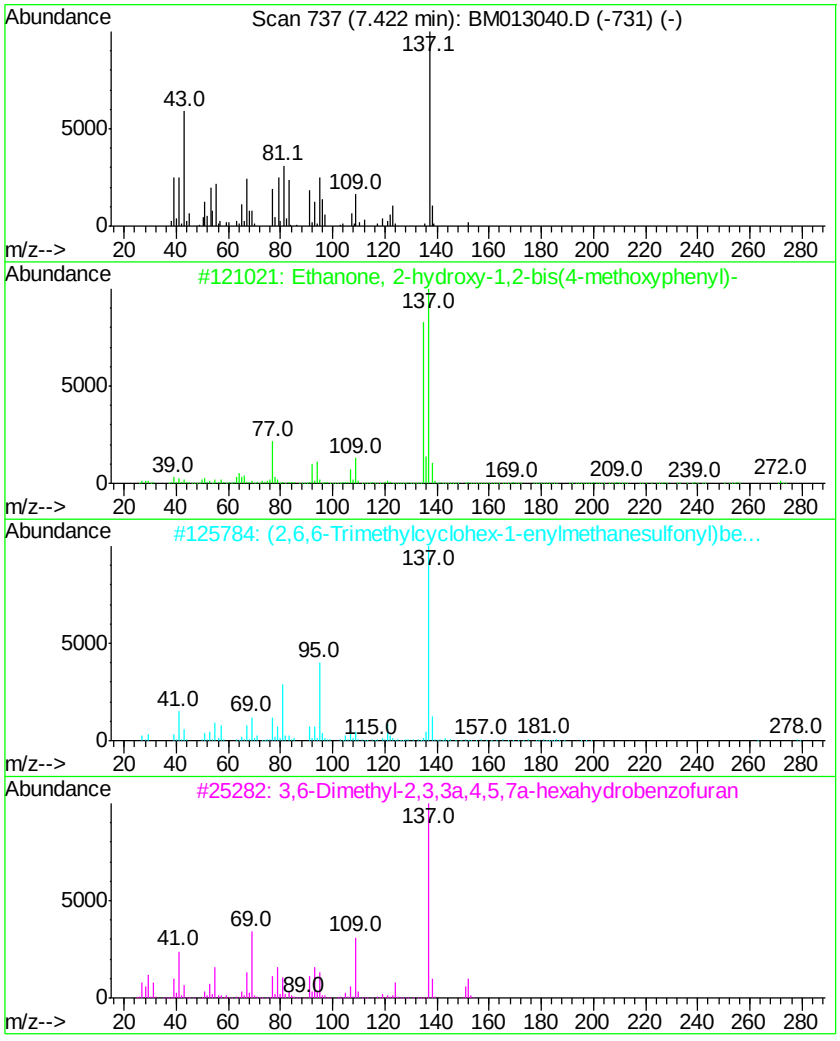
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

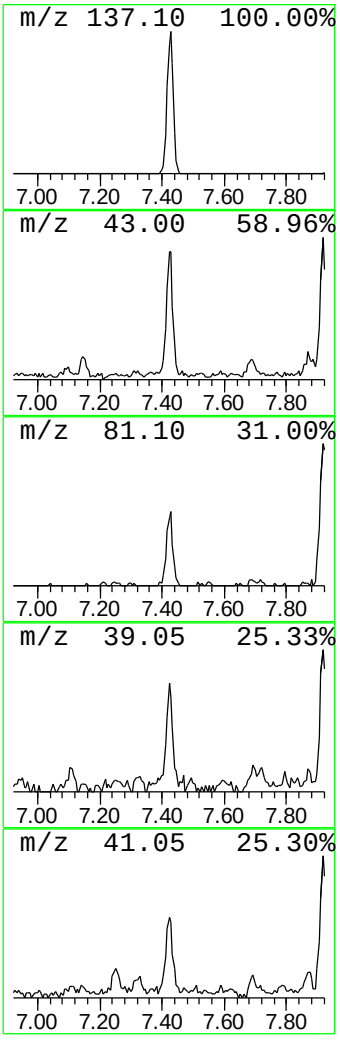
****

Peak Number 6 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.62 ng/ul	287359	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-hydroxy-1,2-bis(4-me...	272	C16H16O4	000119-52-8	43
2	(2,6,6-Trimethylcyclohex-1-enylm...	278	C16H22O2S	056691-74-8	43
3	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	42
4	Ethanone, 2-hydroxy-1,2-bis(4-me...	272	C16H16O4	000119-52-8	37
5	1,2,4-Triazolo[4,3-b][1,2,4,5]te...	137	C3H3N7	220696-99-1	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

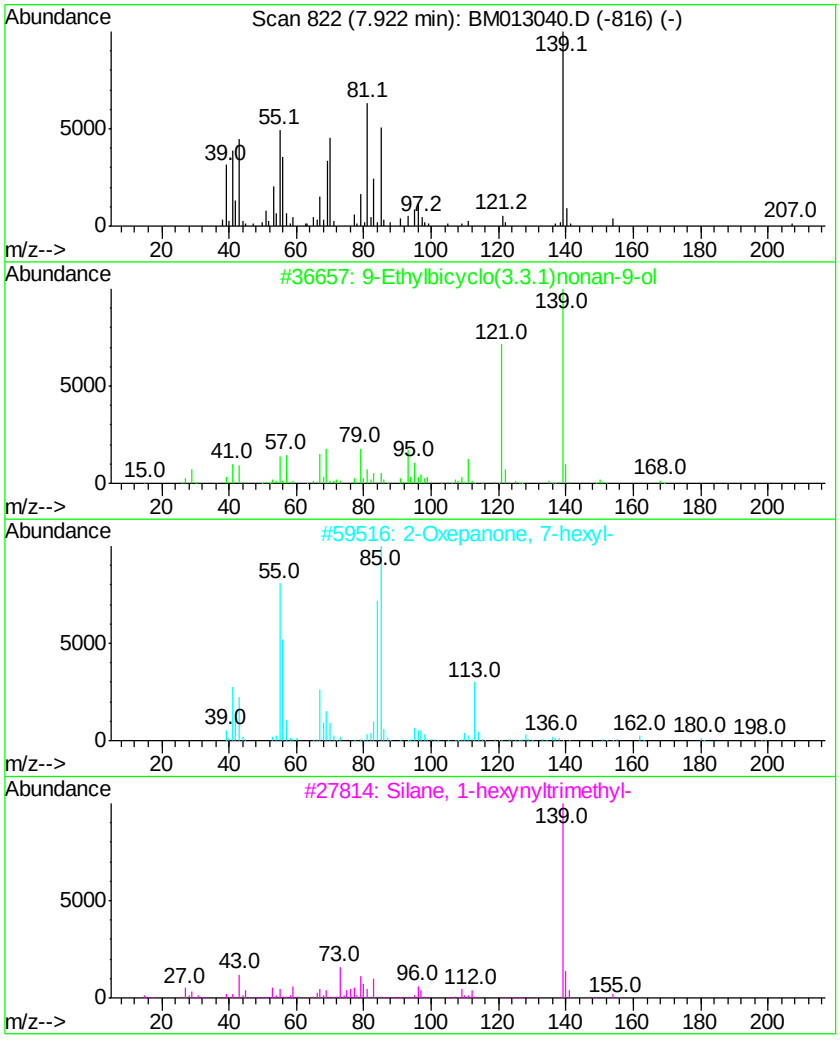
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

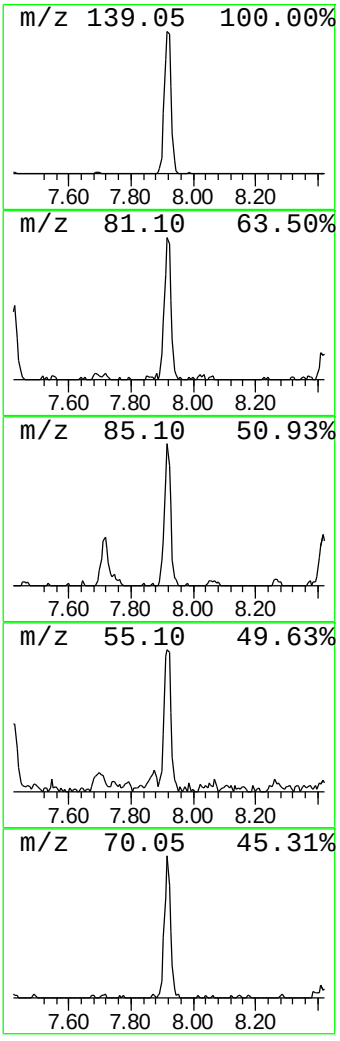
****

Peak Number 7 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.69 ng/ul	354295	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Ethylbicyclo(3.3.1)nonan-9-ol	168	C11H20O	021915-33-3	32
2	2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	27
3	Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	22
4	4-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-0	22
5	cis,trans-4-methyl-3-oxabicyclo[...	154	C10H18O	1000216-89-8	14





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

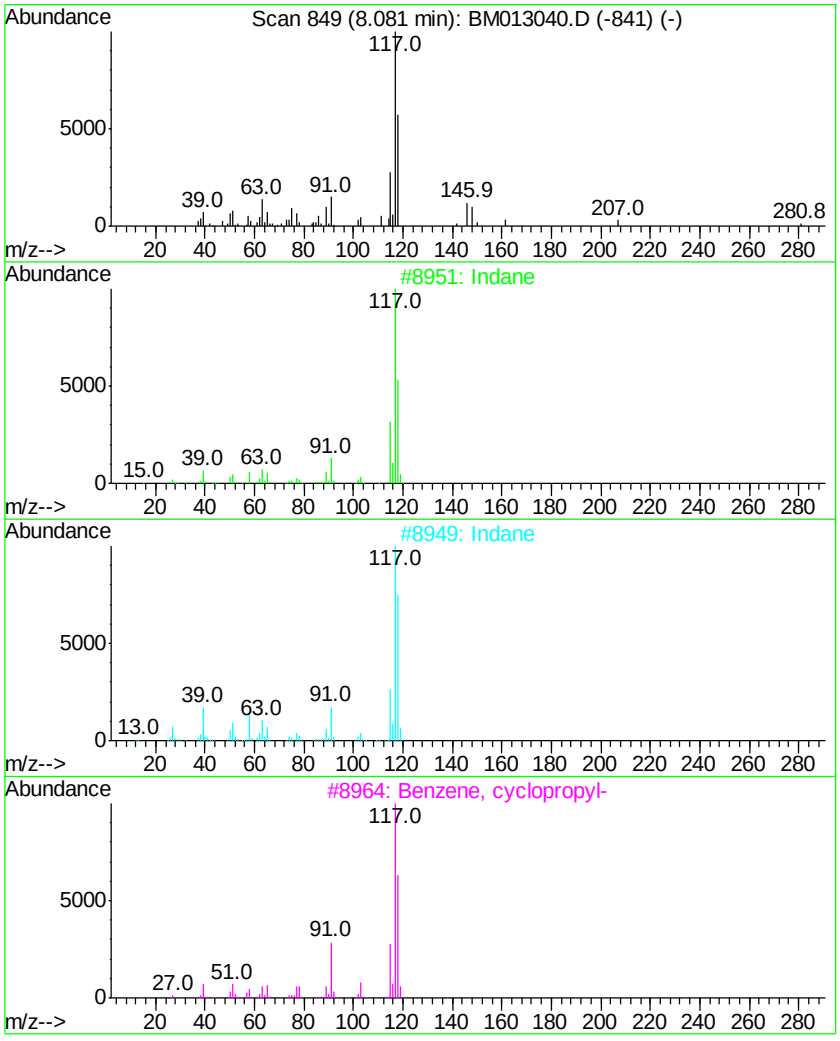
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

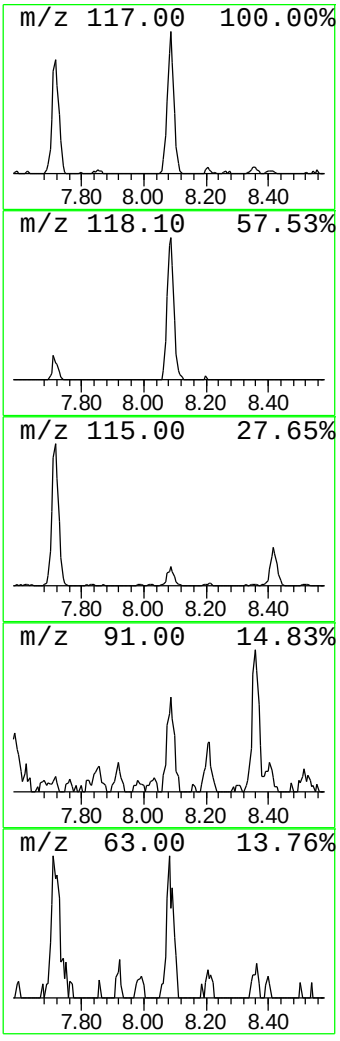
****

Peak Number 8 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	3.73 ng/ul	232433	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	62
2	Indane	118	C9H10	000496-11-7	62
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

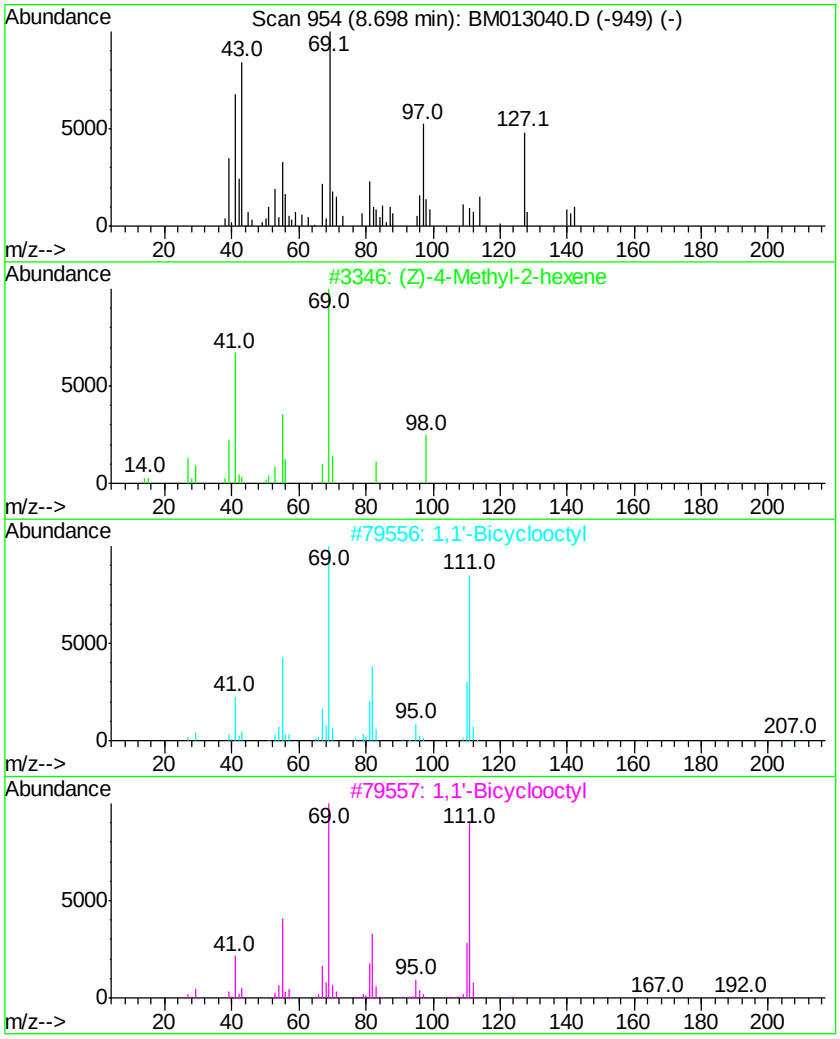
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

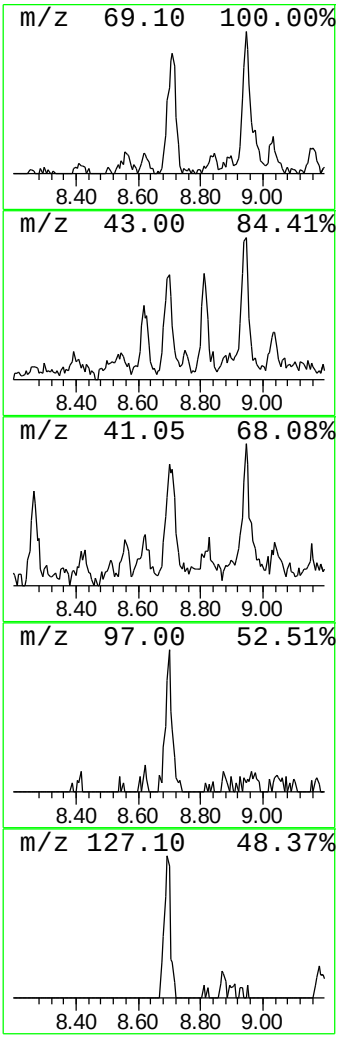
****

Peak Number 9 (DEL) Alkane: Cyclic8.70 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.35 ng/ul	146436	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	43
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43
4	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	43
5	Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	40





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

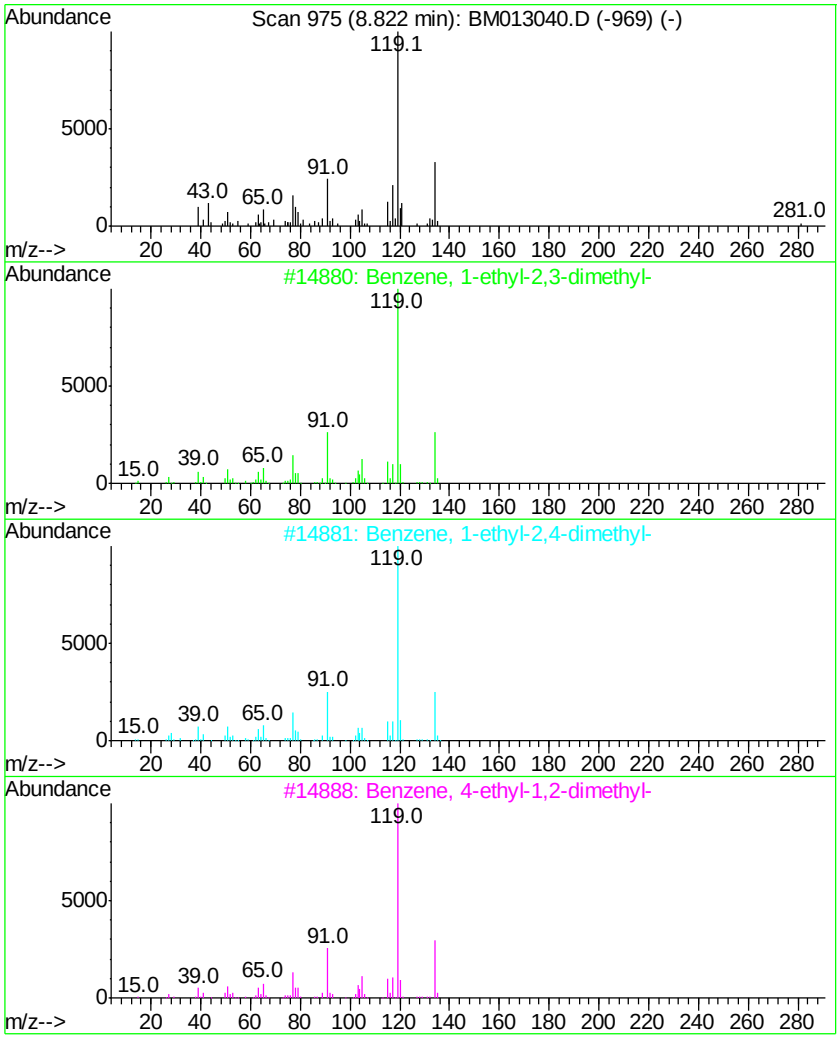
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

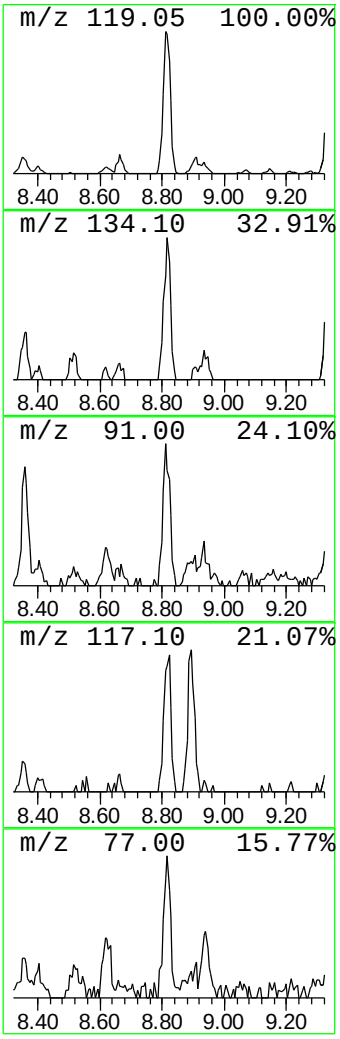
****

Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	3.85 ng/ul	239614	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

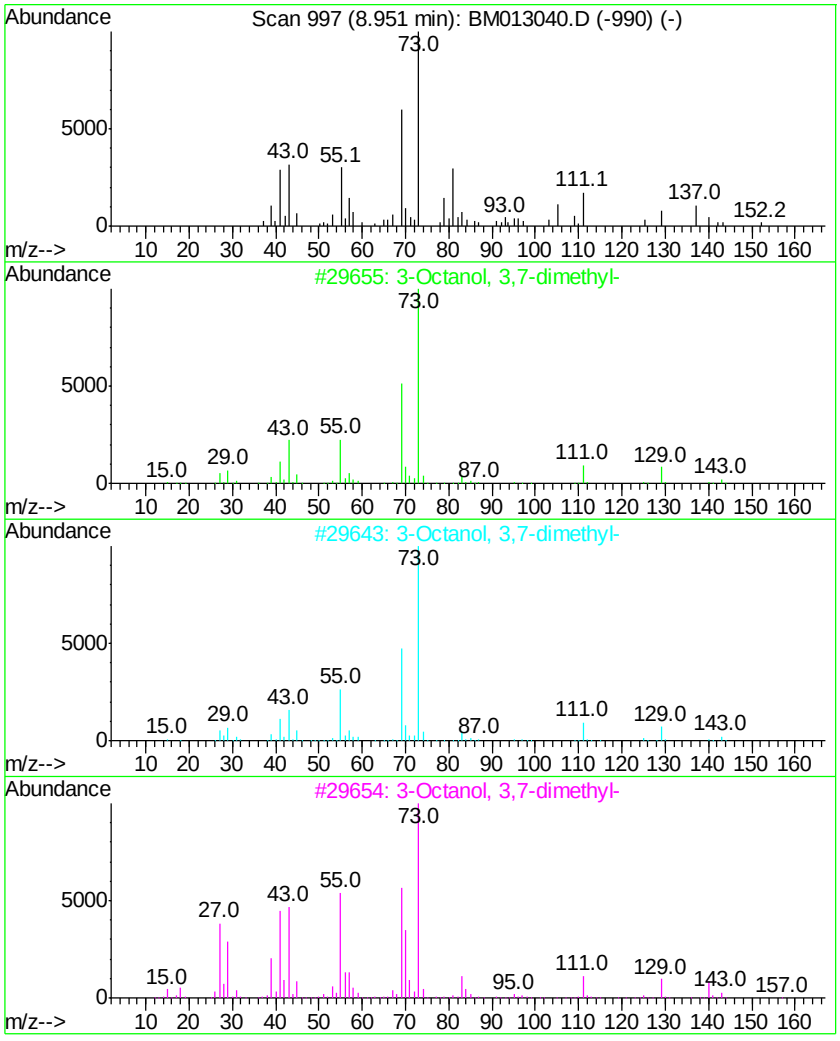
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

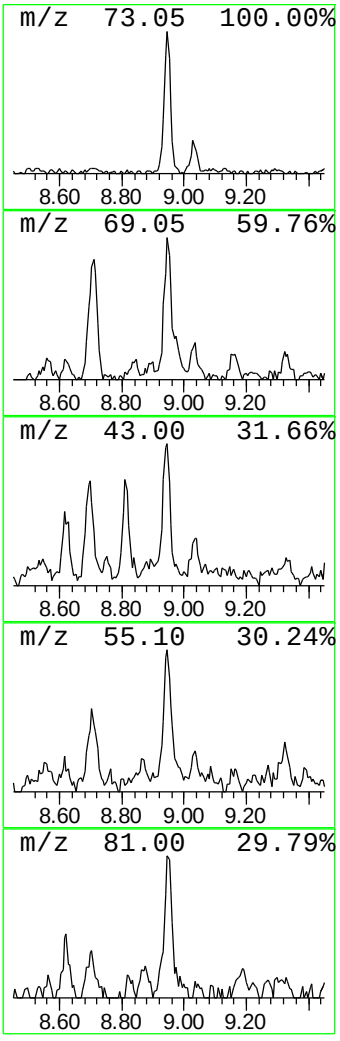
****

Peak Number 11 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	4.56 ng/ul	284010	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	35
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	25
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	23
4	2-Methyl-3-decanol	172	C11H24O	083909-79-9	17
5	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	12





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

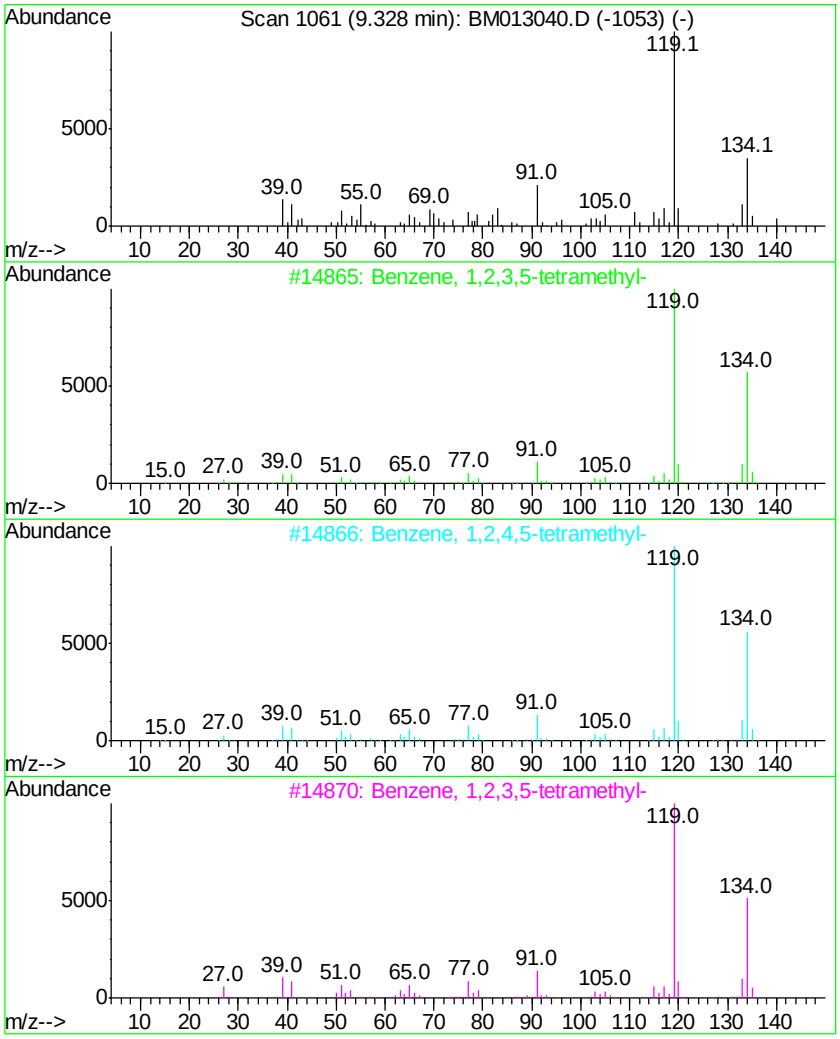
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

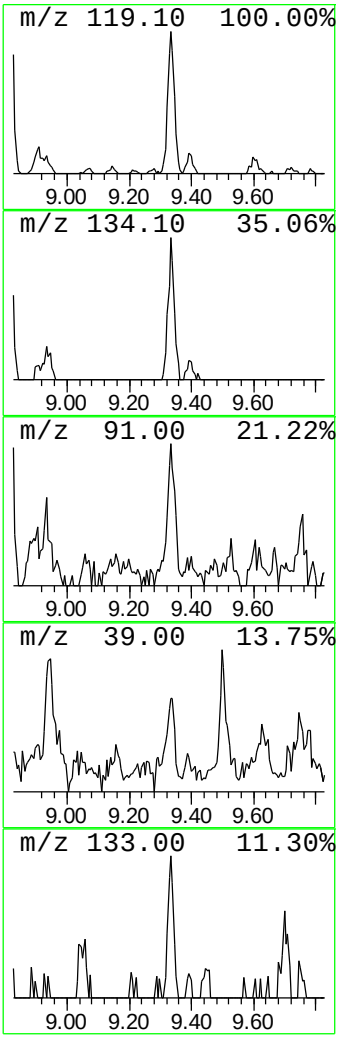
****

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.26 ng/ul	169207	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

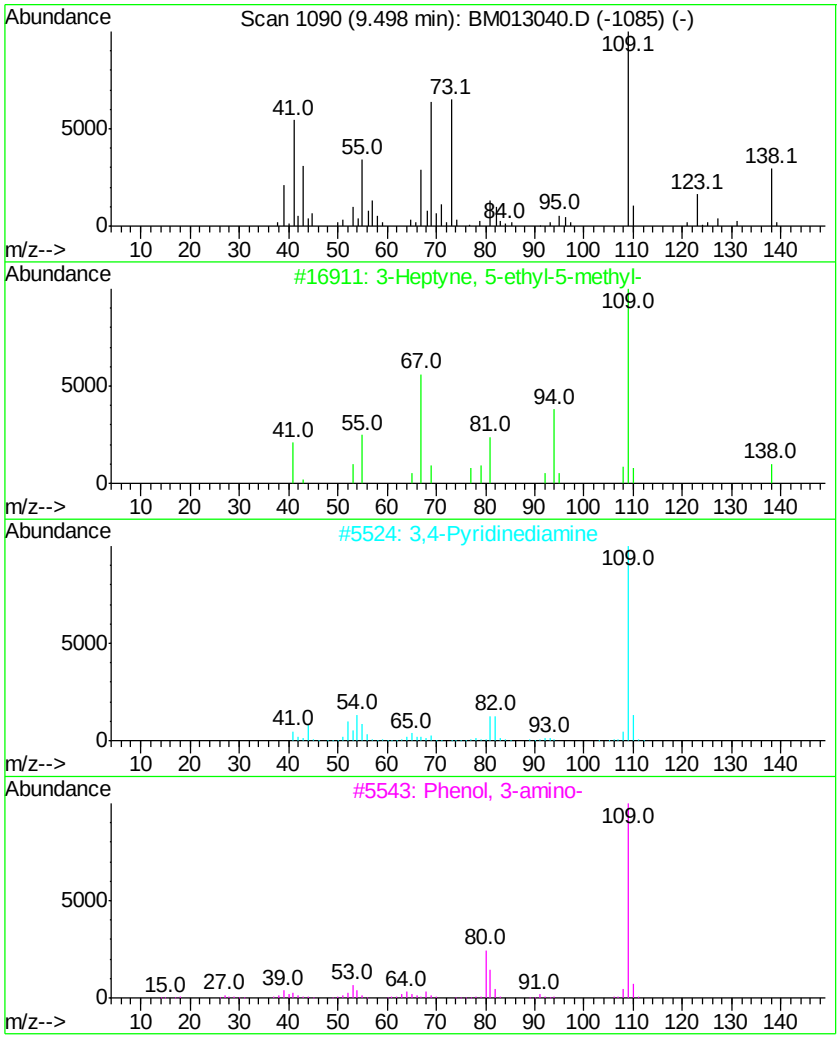
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

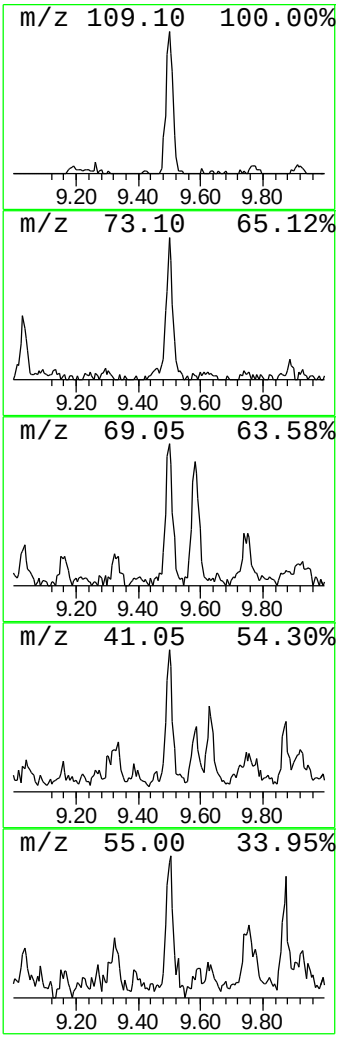
****

Peak Number 13 3-Heptyne, 5-ethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.80 ng/ul	209857	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	59
2	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	46
3	Phenol, 3-amino-	109	C6H7NO	000591-27-5	43
4	Phenol, 3-amino-	109	C6H7NO	000591-27-5	43
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

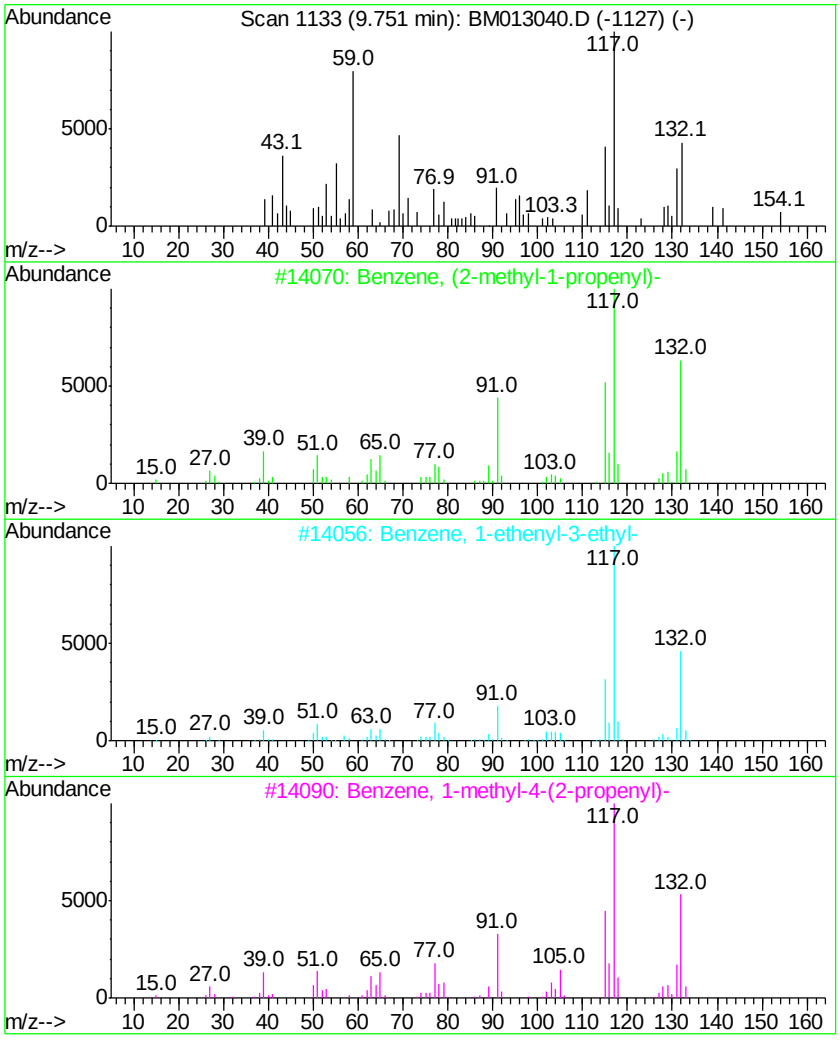
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

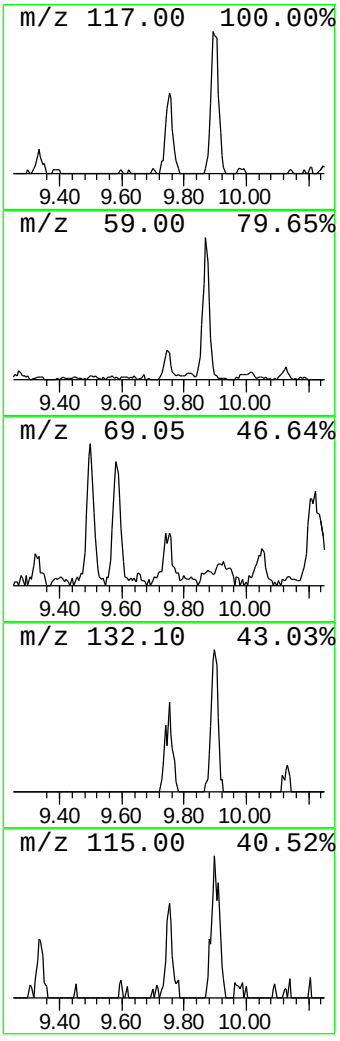
****

Peak Number 14 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.04 ng/ul	152933	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	49
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	49
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	49
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

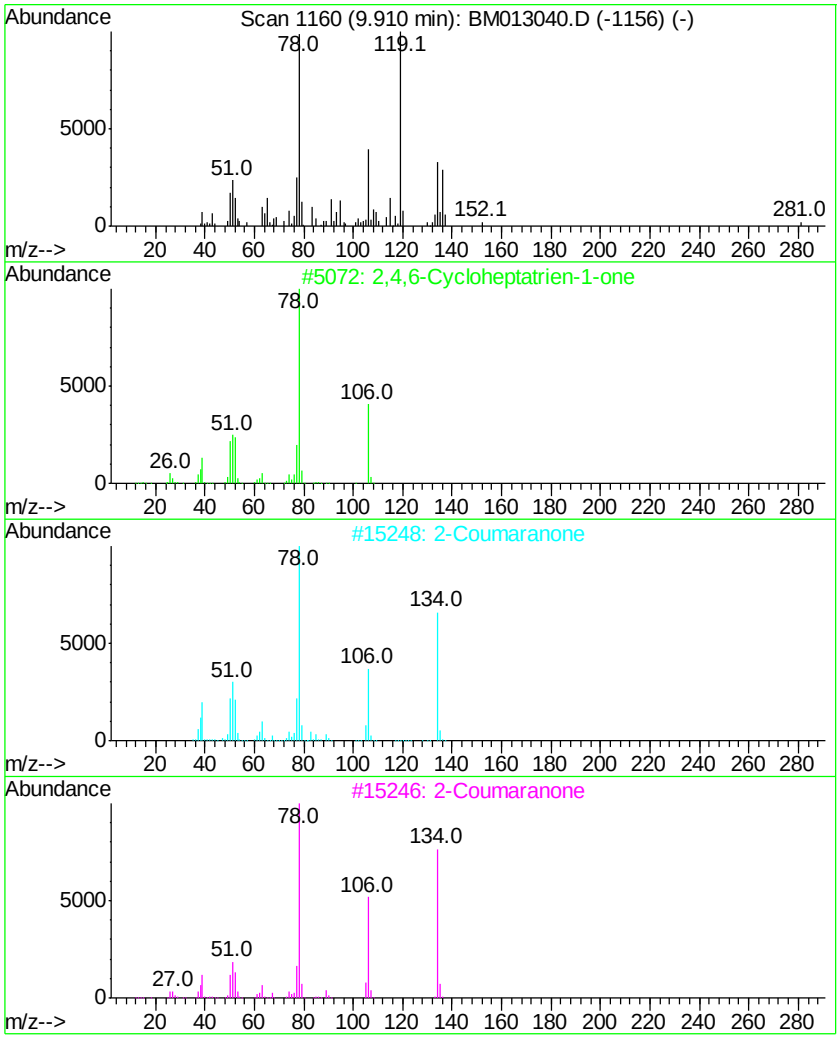
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

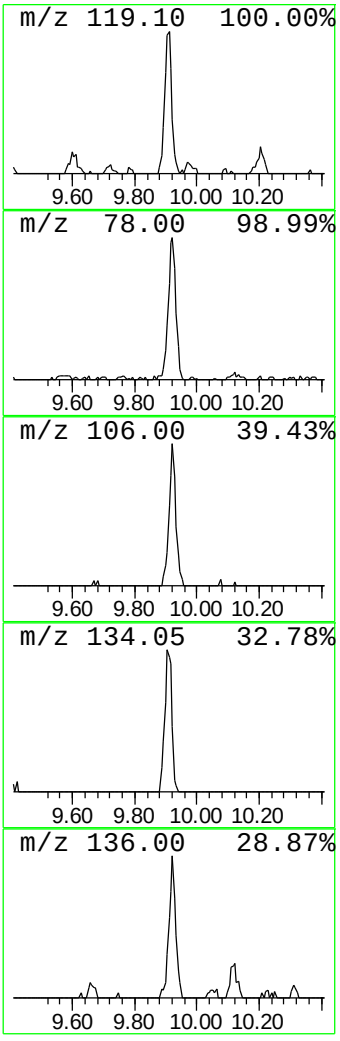
****

Peak Number 15 2,4,6-Cycloheptatrien-1-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	4.49 ng/ul	336119	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	76
2	2-Coumaranone	134	C8H6O2	000553-86-6	76
3	2-Coumaranone	134	C8H6O2	000553-86-6	76
4	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	59
5	Benzeneacetic acid, 2-hydroxy-, ...	166	C9H10O3	022446-37-3	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

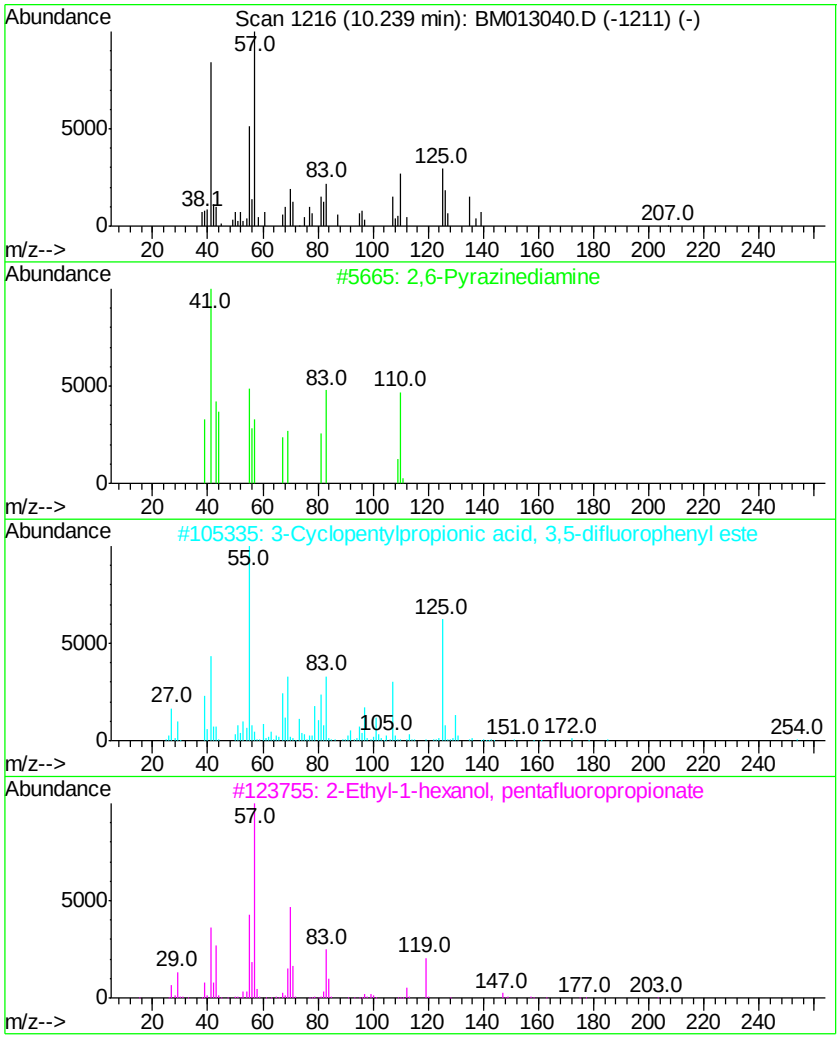
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

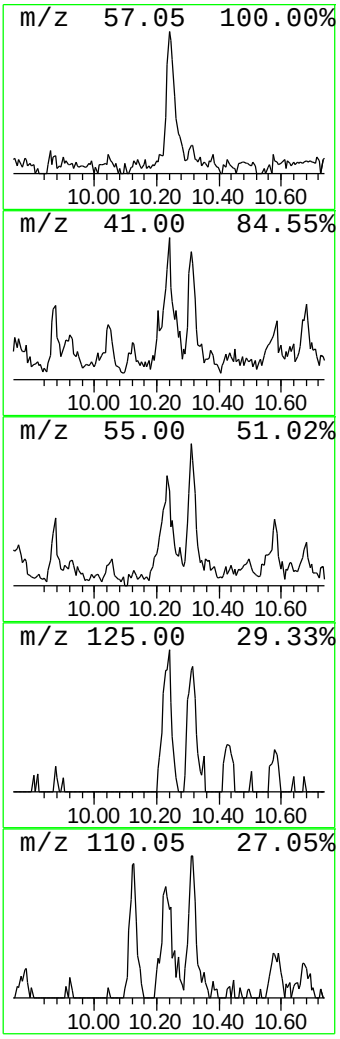
****

Peak Number 16 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.34 ng/ul	175164	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyrazinediamine	110	C4H6N4	041536-80-5	12
2	3-Cyclopentylpropionic acid, 3,5...	254	C14H16F2O2	1000293-58-5	12
3	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	10
4	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	10
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

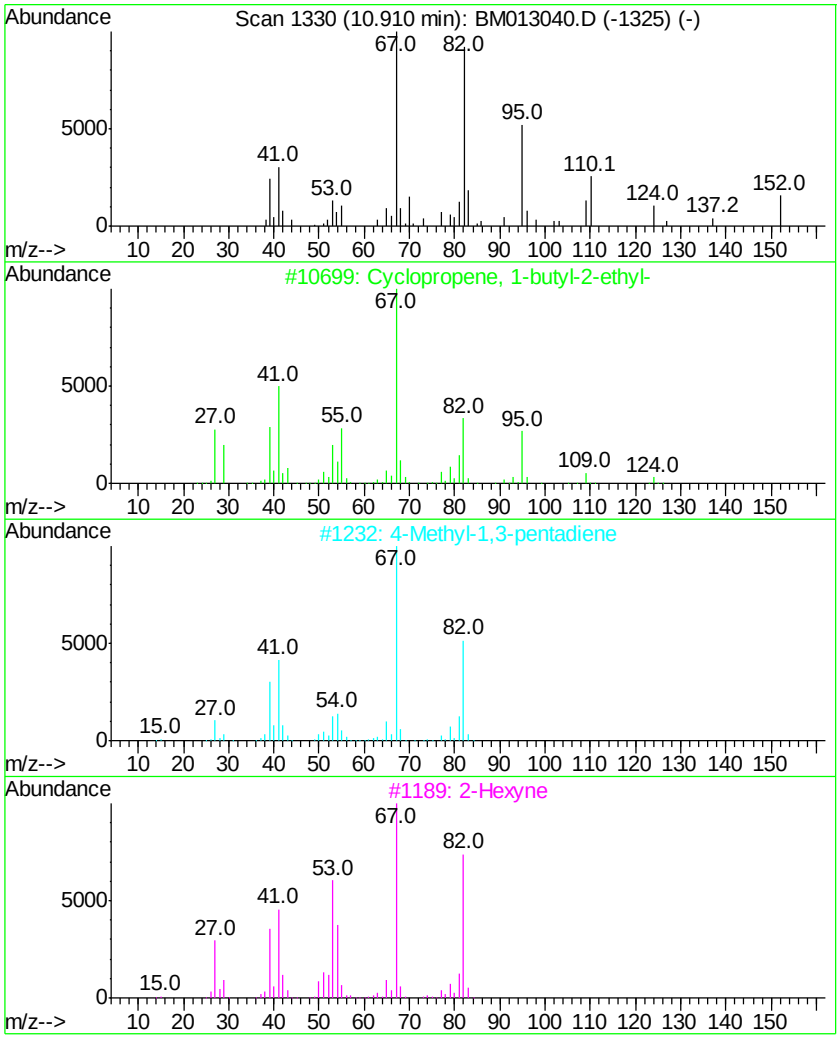
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

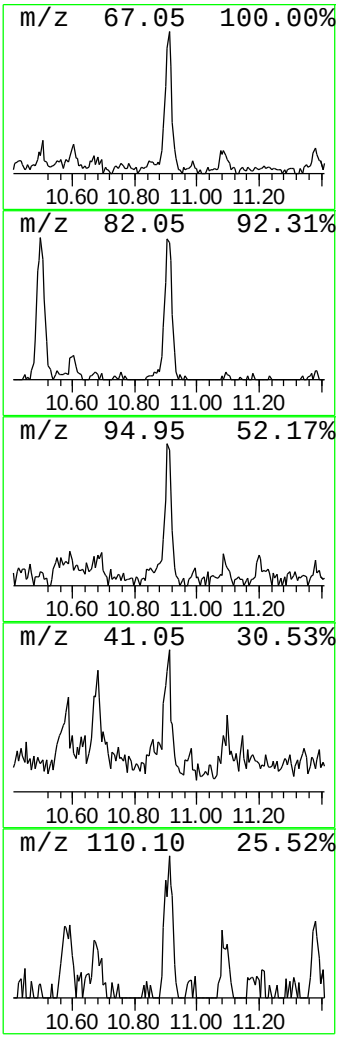
****

Peak Number 17 Cyclopropene, 1-butyl-2-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.04 ng/ul	153124	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	70
2	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49
3	2-Hexyne	82	C6H10	000764-35-2	47
4	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	47
5	(Z)-Hex-3-en-1-yl propyl carbonate	186	C10H18O3	1000372-80-5	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

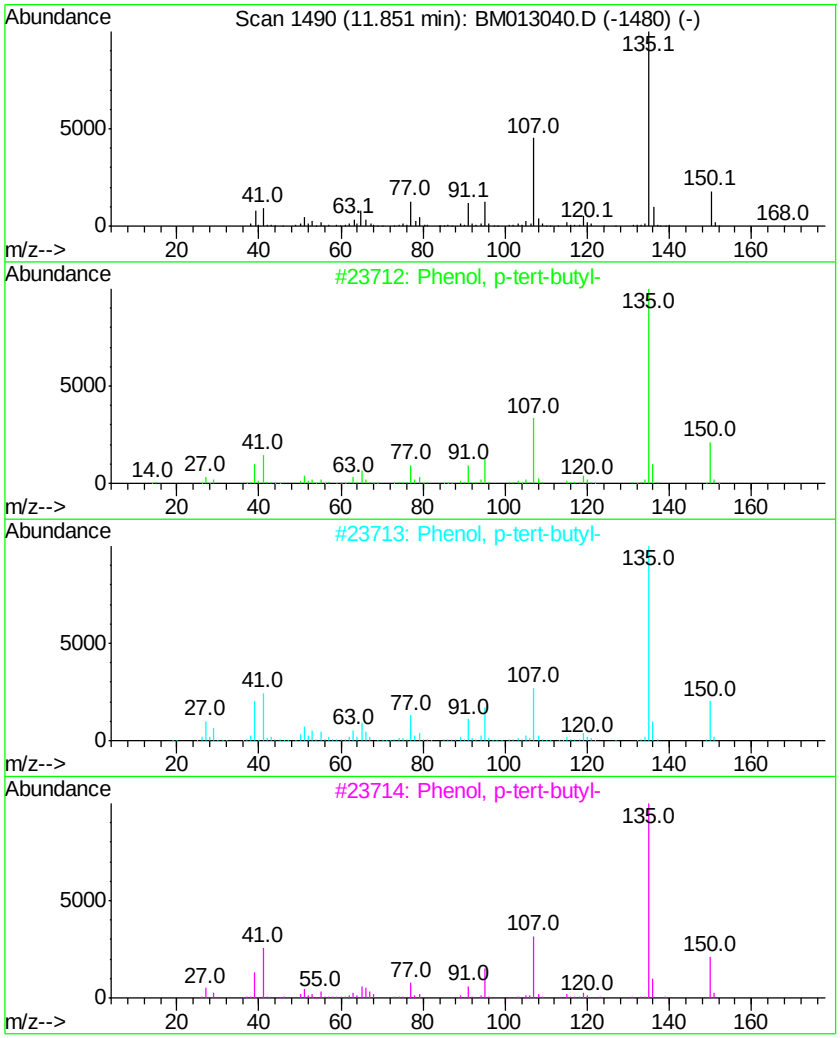
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

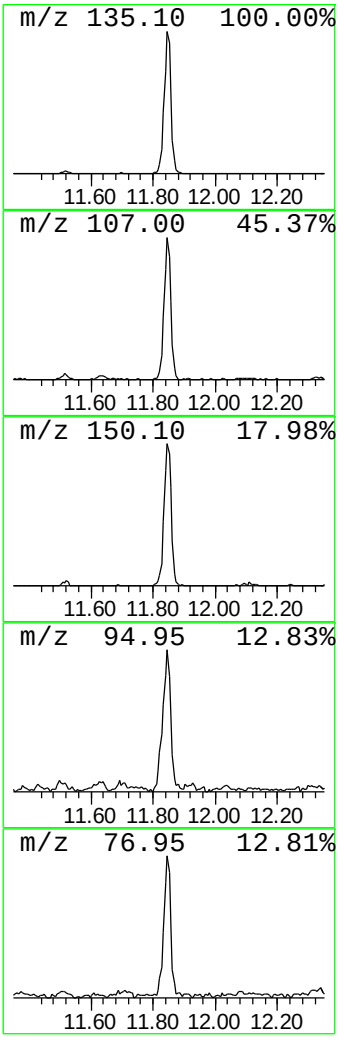
****

Peak Number 18 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.90 ng/ul	1266270	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	93
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	80
5	m-Anisic hydrazide	166	C8H10N2O2	005785-06-8	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

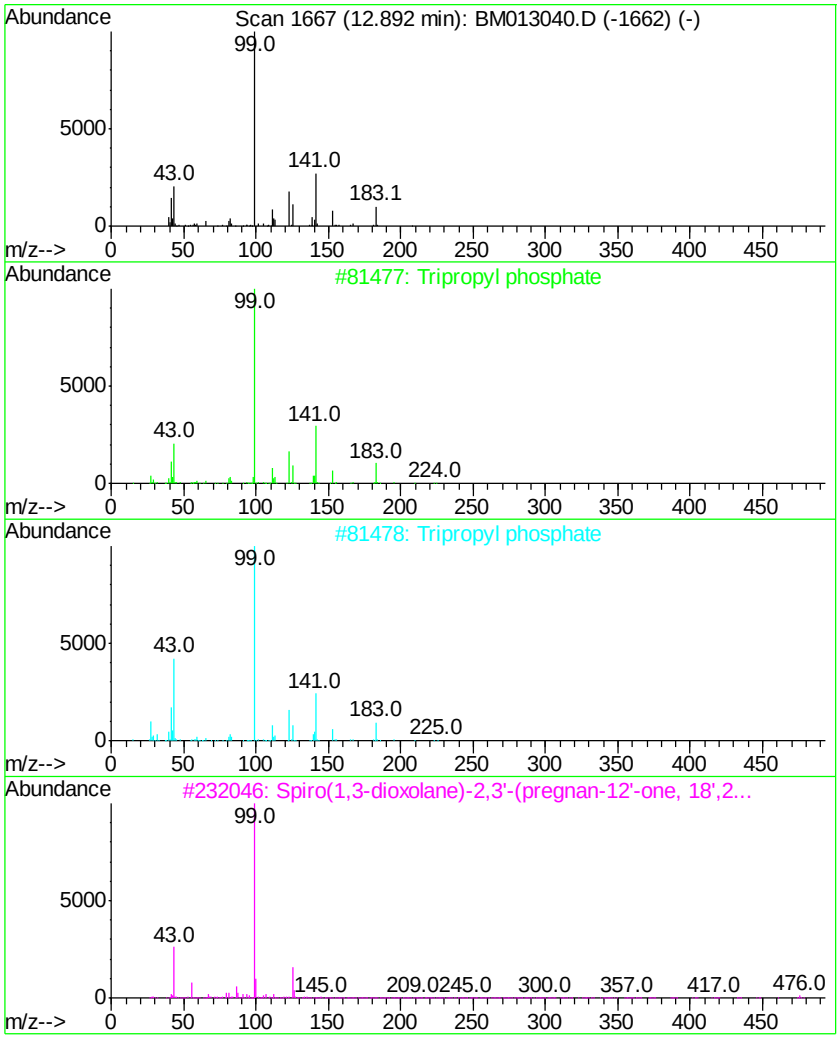
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

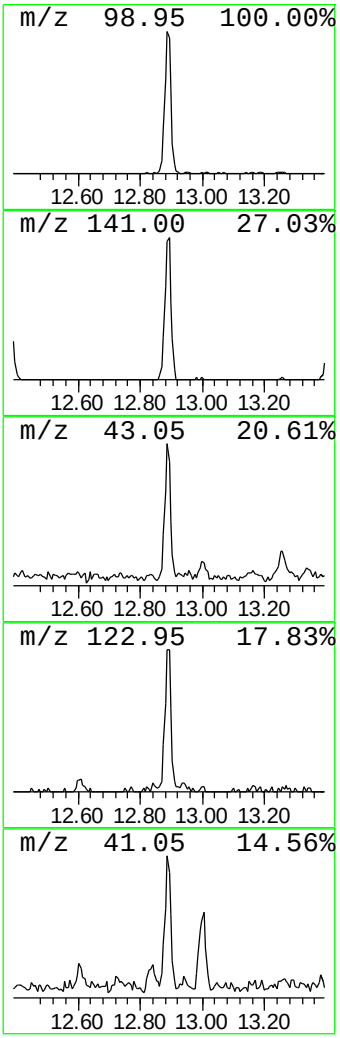
****

Peak Number 19 Tripropyl phosphate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	3.29 ng/ul	340375	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	83
3	Spiro(1,3-dioxolane)-2,3'-(pregn...	476	C27H40O7	1000194-70-1	28
4	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	9
5	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

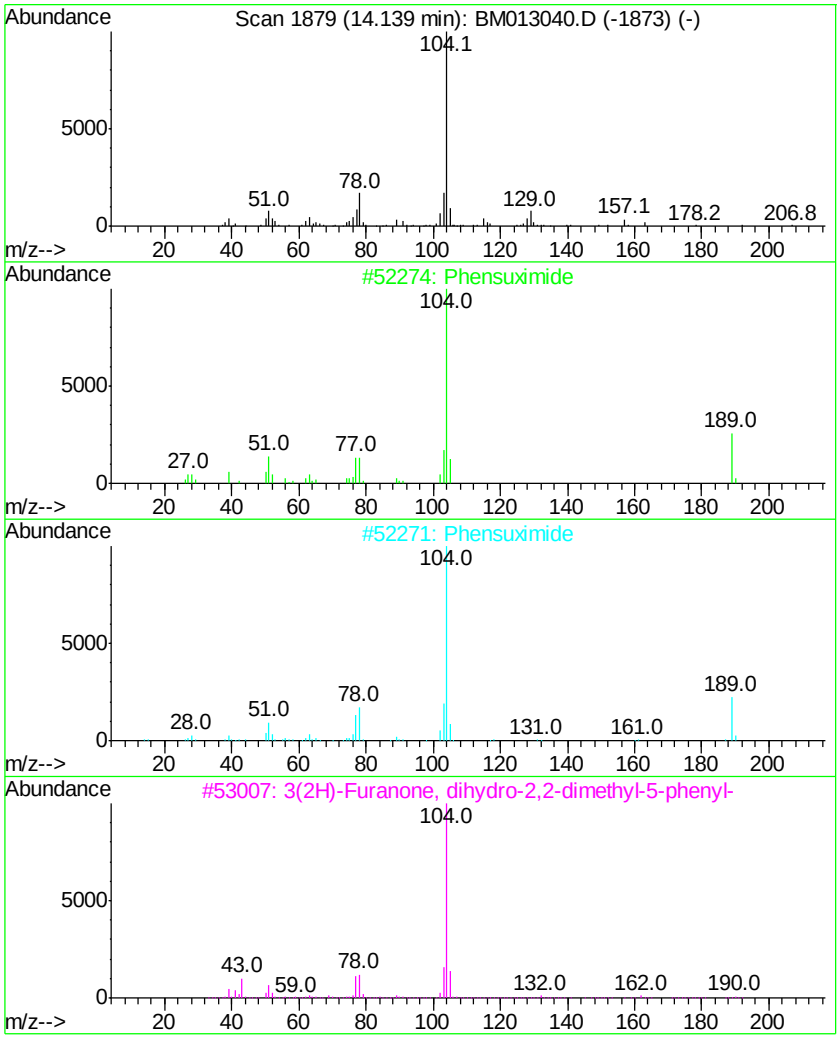
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

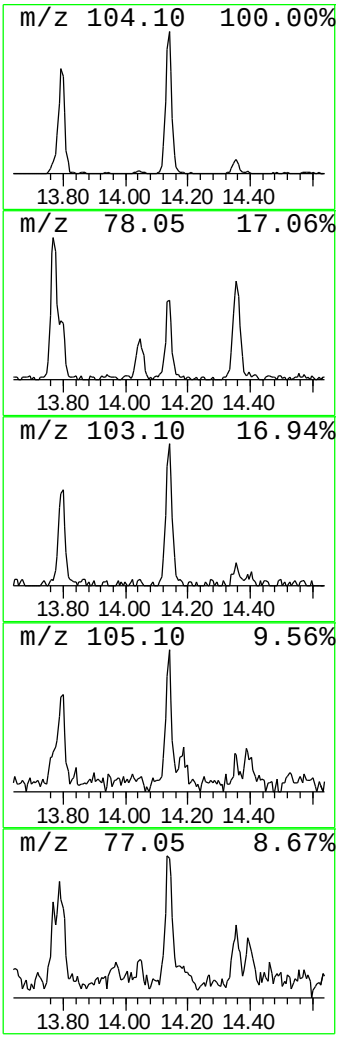
****

Peak Number 20 Phensuximide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.08 ng/ul	318500	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phensuximide	189	C11H11NO2	000086-34-0	78
2	Phensuximide	189	C11H11NO2	000086-34-0	72
3	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	72
4	Phensuximide	189	C11H11NO2	000086-34-0	72
5	Phensuximide	189	C11H11NO2	000086-34-0	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

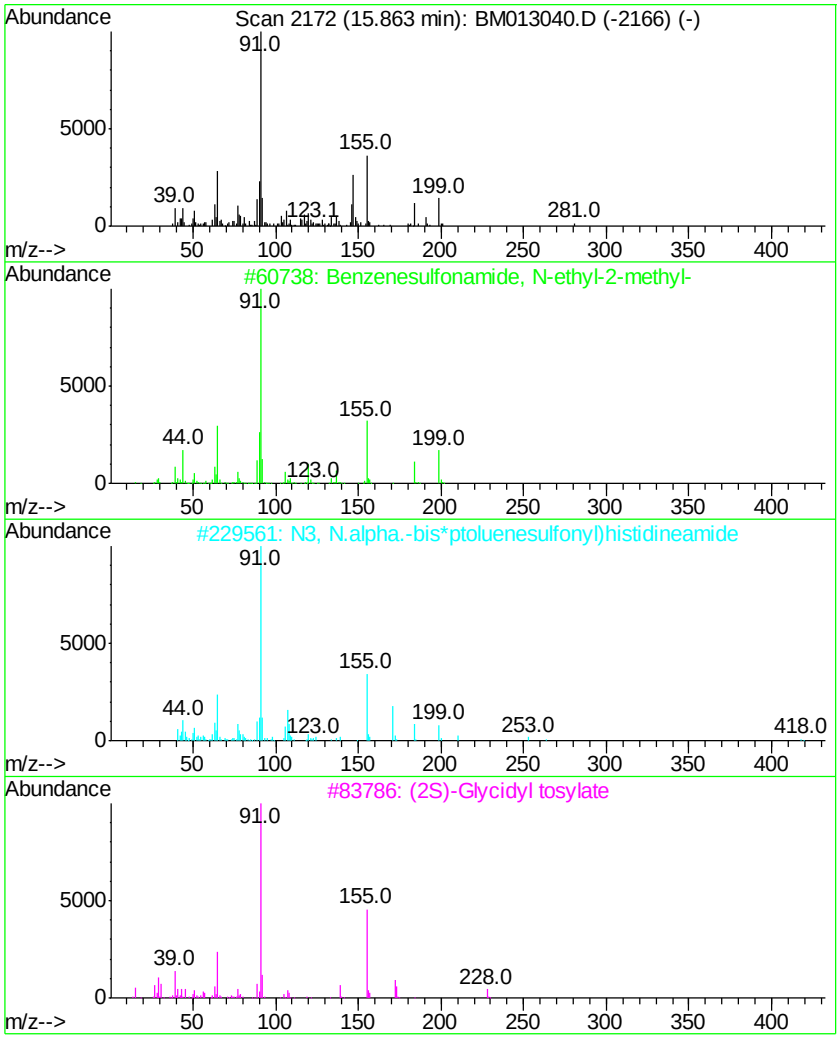
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

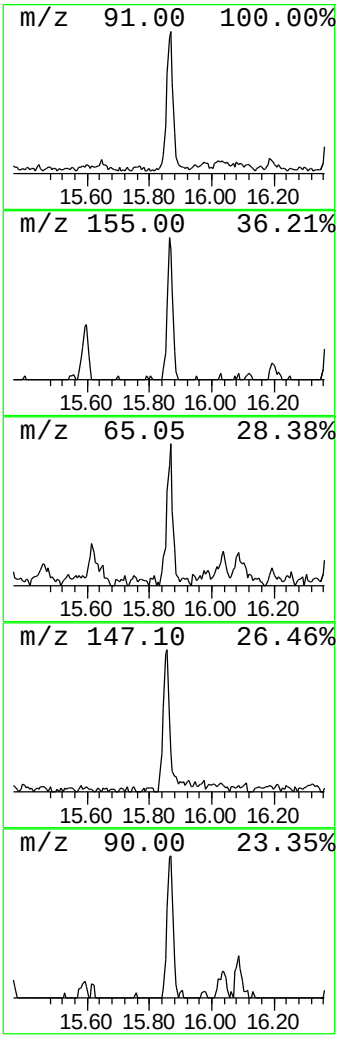
****

Peak Number 21 Benzenesulfonamide, N-ethyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.89 ng/ul	333873	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	90
2	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	53
3	(2S)-Glycidyl tosylate	228	C10H12O4S	070987-78-9	43
4	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	38
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

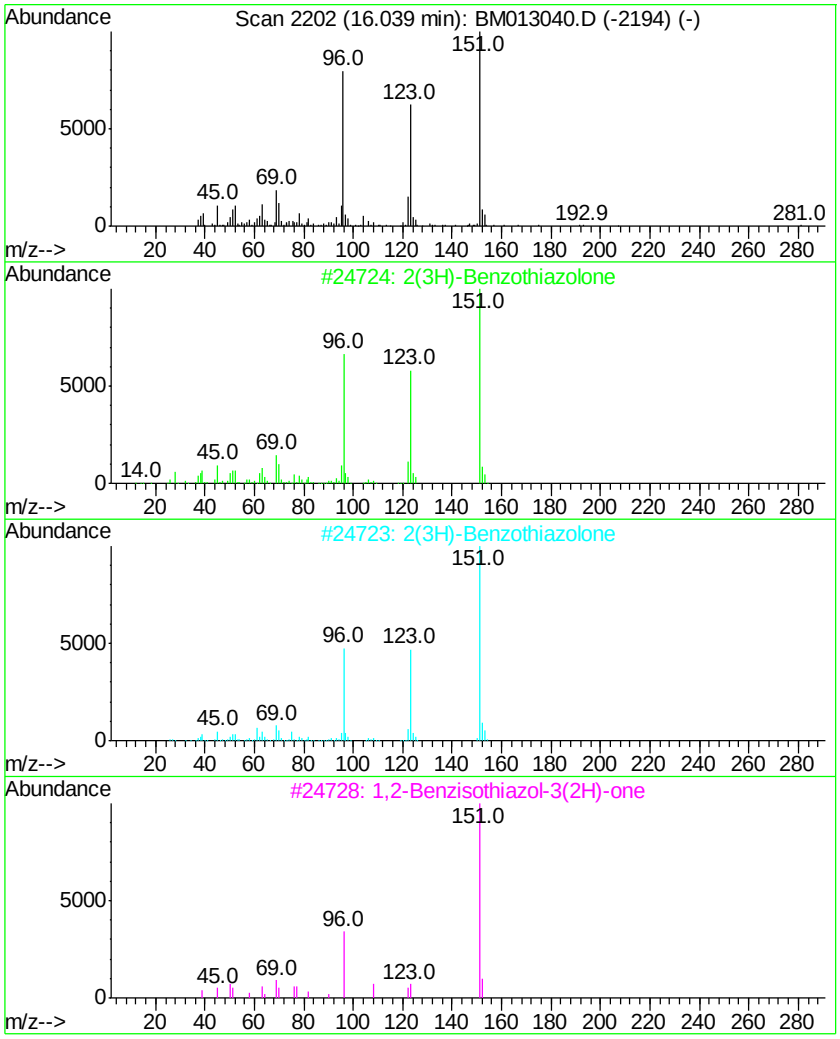
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

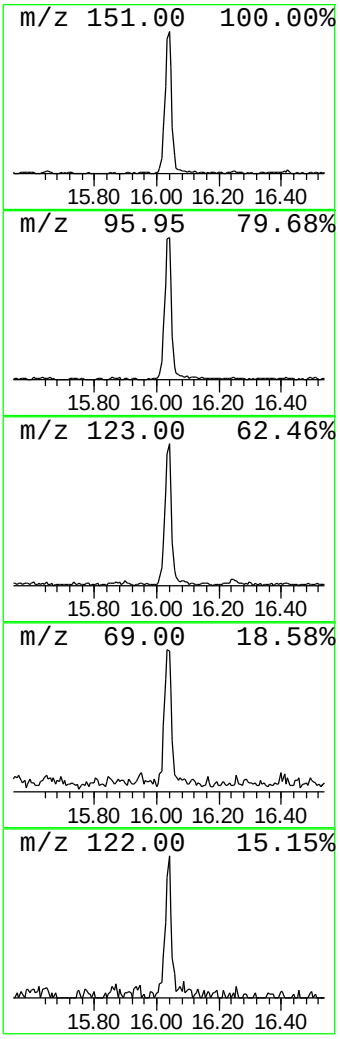
****

Peak Number 22 2(3H)-Benzothiazolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.58 ng/ul	644894	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
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	46
5	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

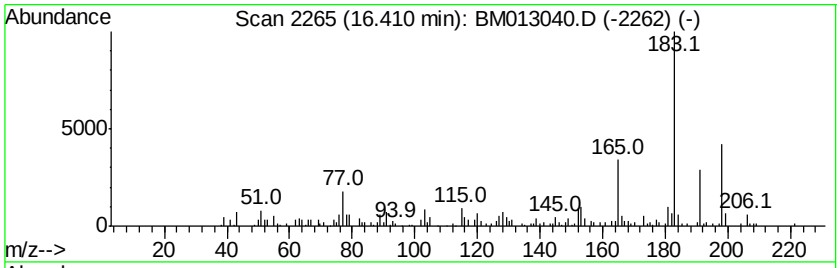
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

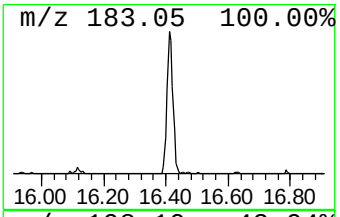
****

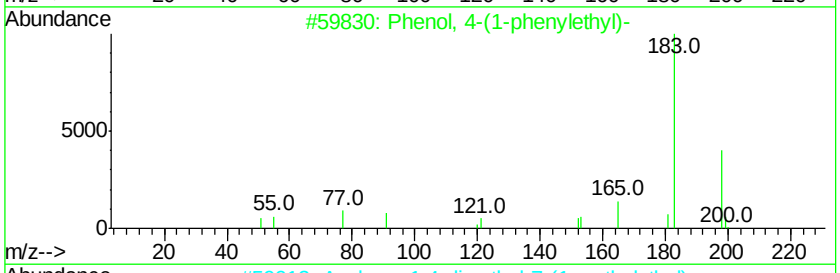
Peak Number 23 Phenol, 4-(1-phenylethyl)- Concentration Rank 25

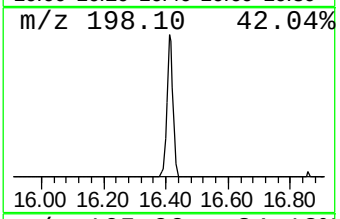
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.47 ng/ul	285773	Phenanthrene-d10	17.10

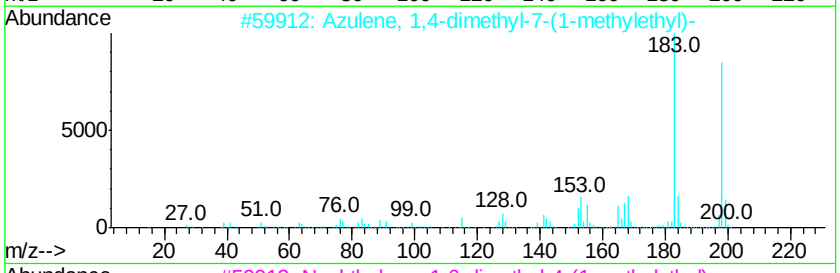
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	74
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	59
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	58
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	58
5	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	53

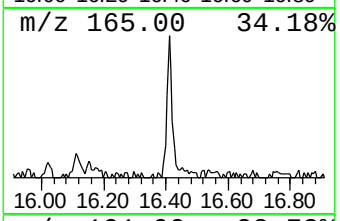


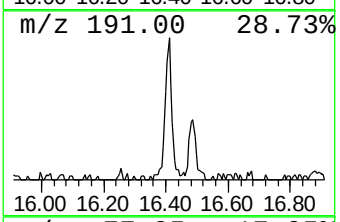


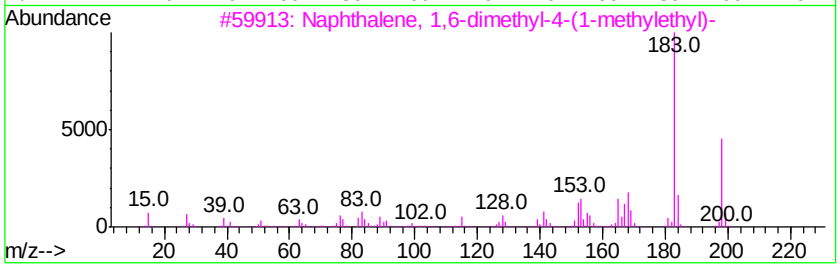


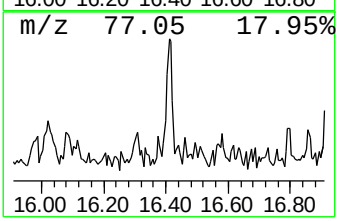












Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

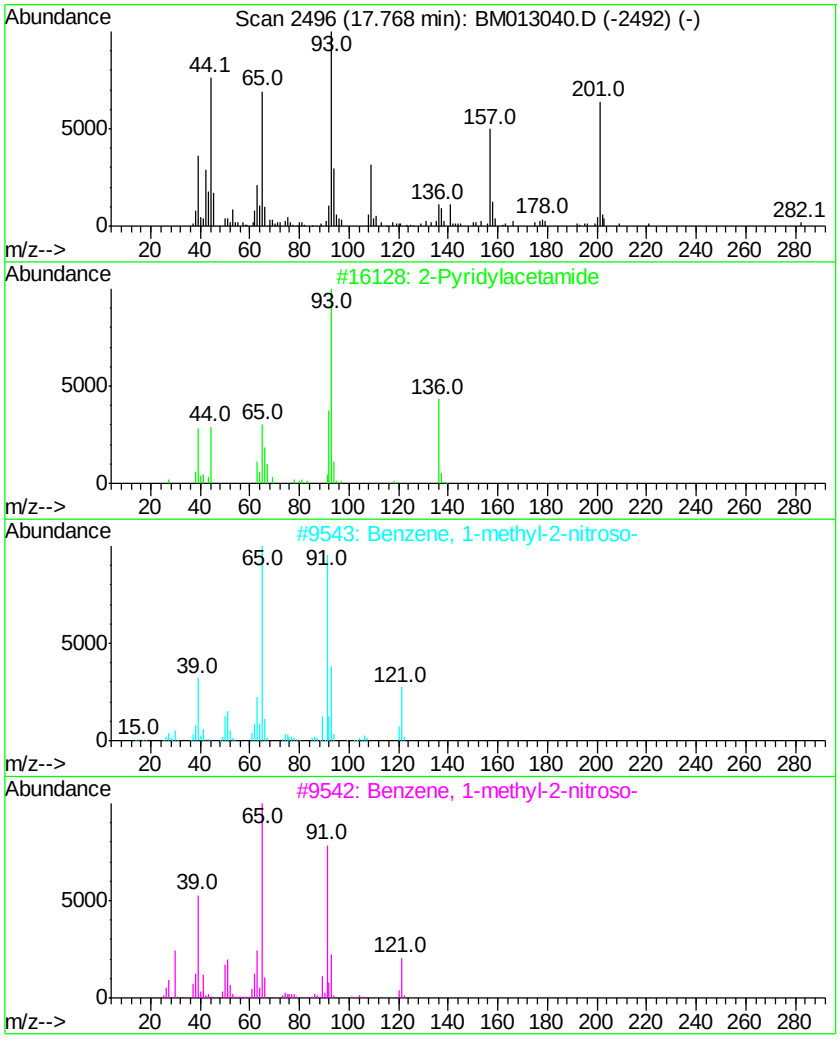
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

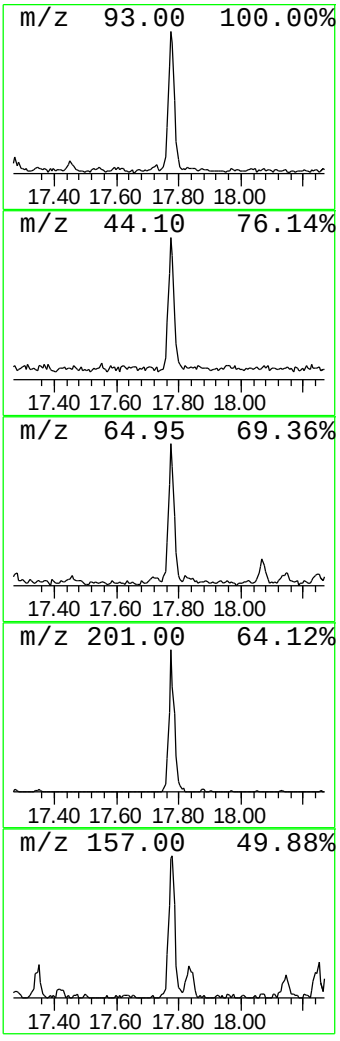
****

Peak Number 24 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.54 ng/ul	409182	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridylacetamide	136	C7H8N2O	003724-16-1	38
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	35
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	35
4	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	32
5	1,3-Benzodioxole-5-acetic acid, ...	196	C9H8O5	027738-46-1	28





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

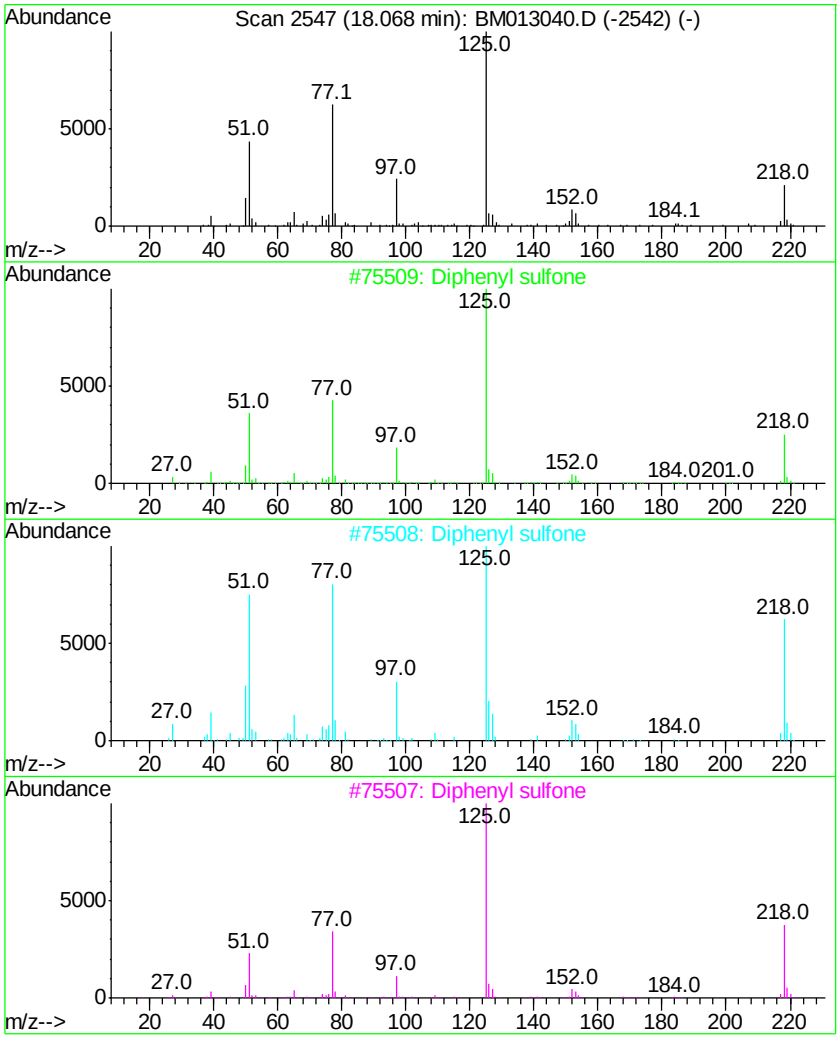
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

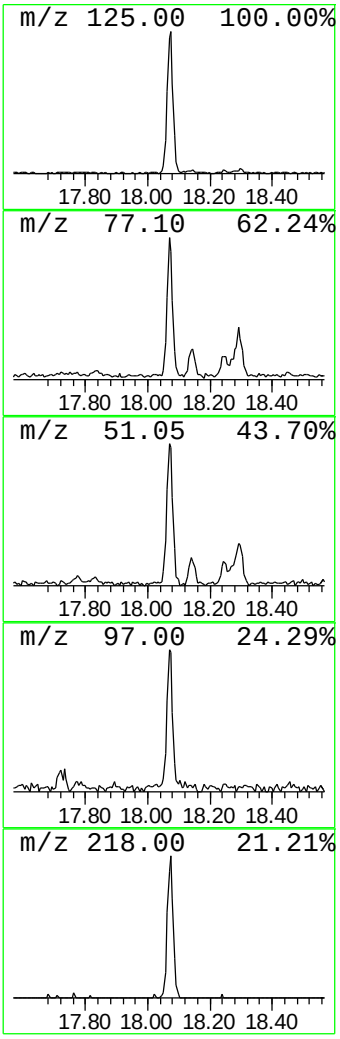
****

Peak Number 25 Diphenyl sulfone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.95 ng/ul	340844	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl sulfone	218	C12H10O2S	000127-63-9	95
2	Diphenyl sulfone	218	C12H10O2S	000127-63-9	91
3	Diphenyl sulfone	218	C12H10O2S	000127-63-9	90
4	2-Propenenitrile, 3-(phenylsulfo...	193	C9H7NO2S	001424-51-7	50
5	Benzene, (ethenylsulfonyl)-	168	C8H8O2S	005535-48-8	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

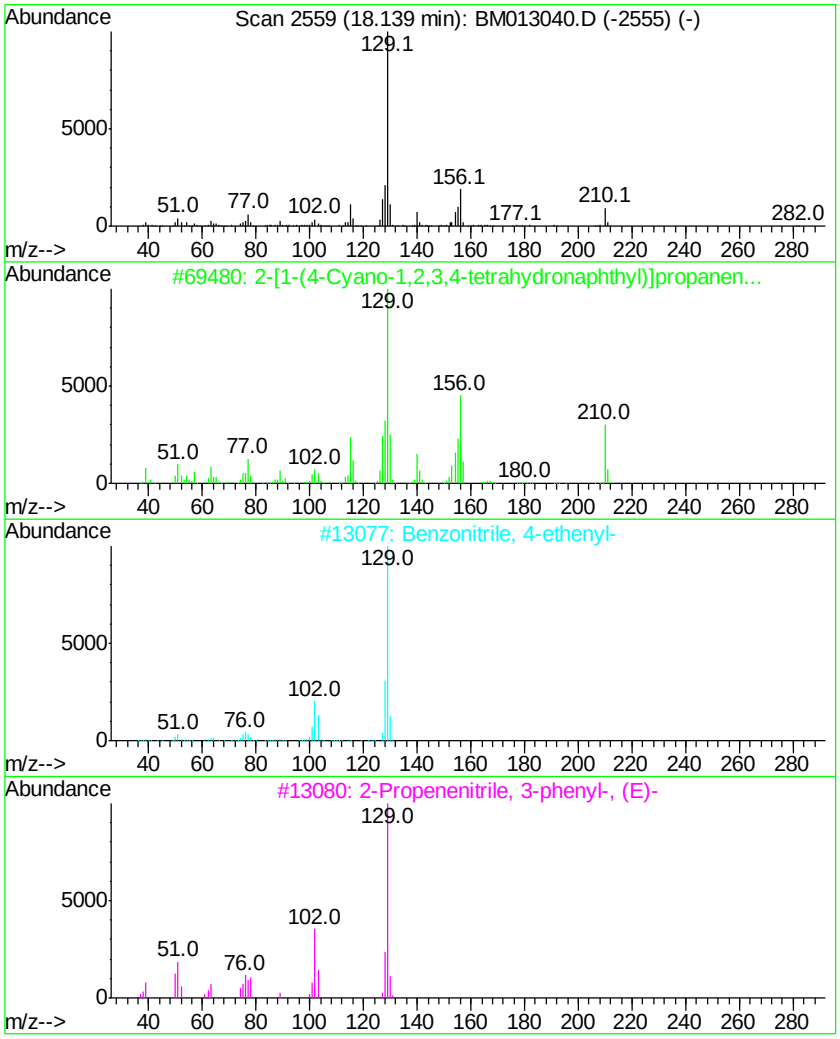
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

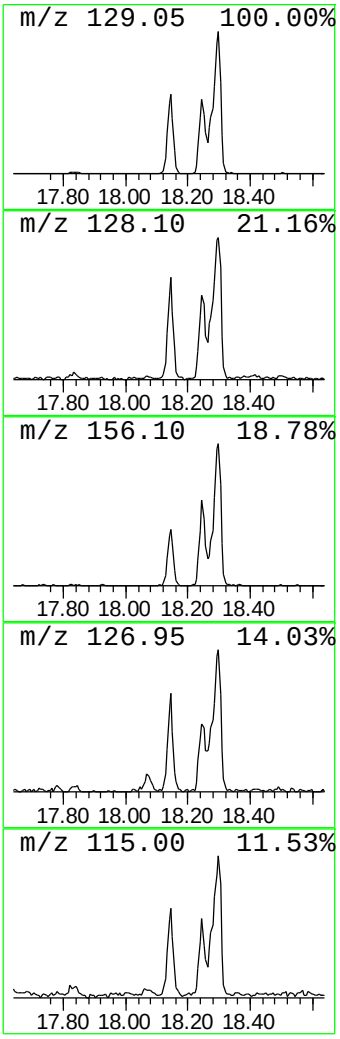
****

Peak Number 26 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.02 ng/ul	579819	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	70
2	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	42
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	42
4	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	38
5	3,5-Dimethyl-3-phenyl-3H-pyrazole	172	C11H12N2	075326-06-6	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

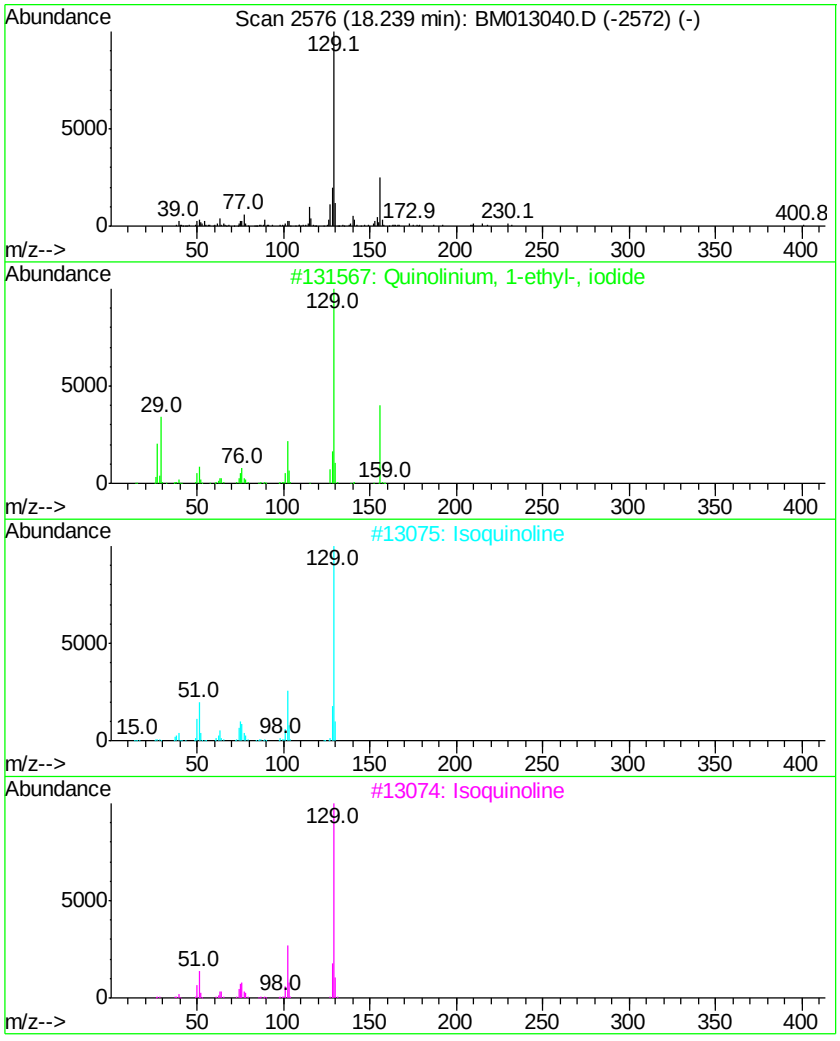
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

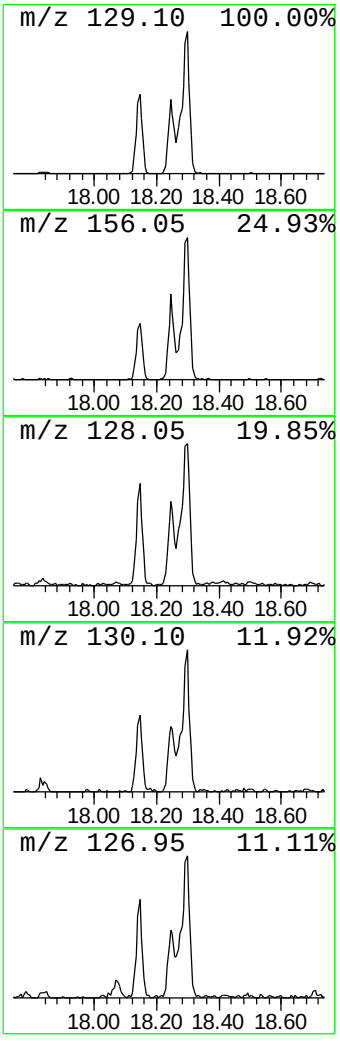
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Quinolinium, 1-ethyl-, iodide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.77 ng/ul	551664	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	59
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	Isoquinoline	129	C9H7N	000119-65-3	50
4	Quinoline	129	C9H7N	000091-22-5	50
5	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

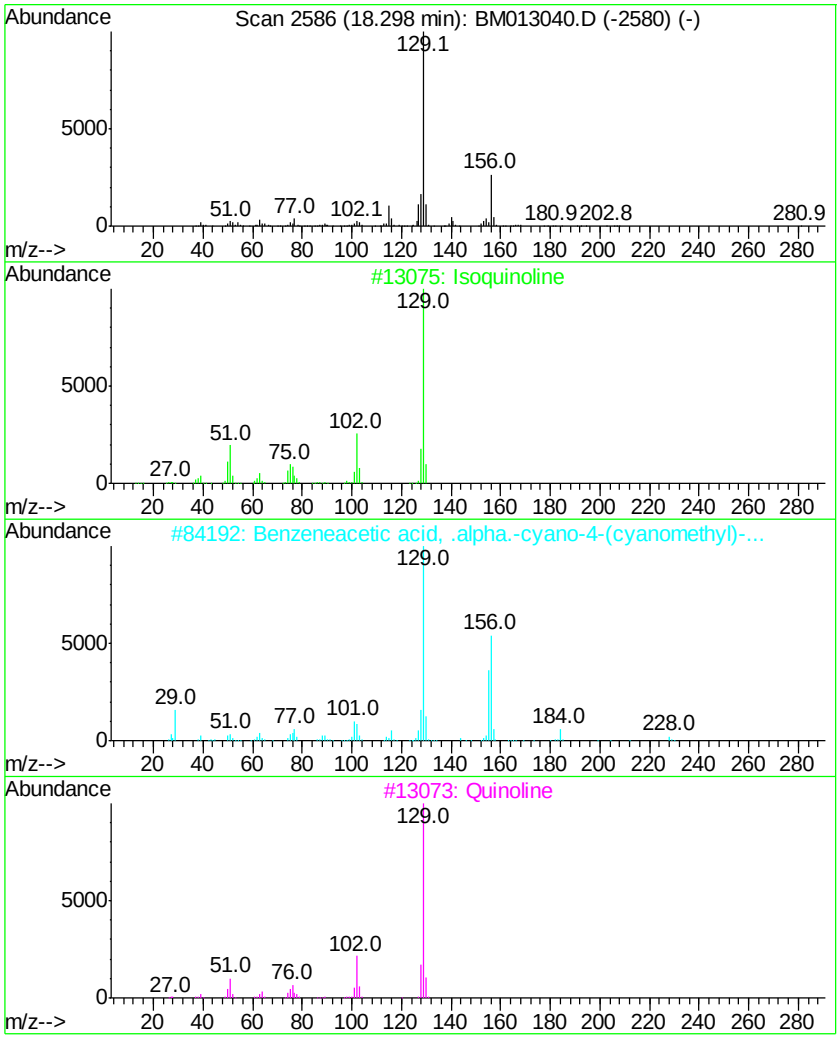
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

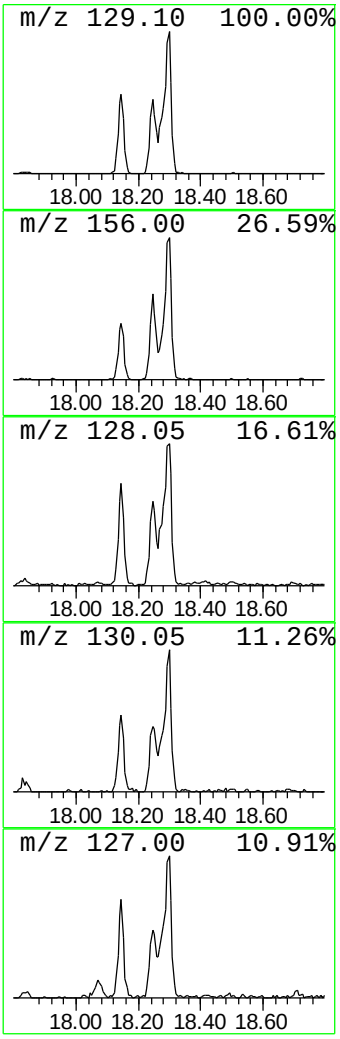
****

Peak Number 28 Isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	10.48 ng/ul	1211260	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	52
2	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	50
3	Quinoline	129	C9H7N	000091-22-5	49
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	47
5	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

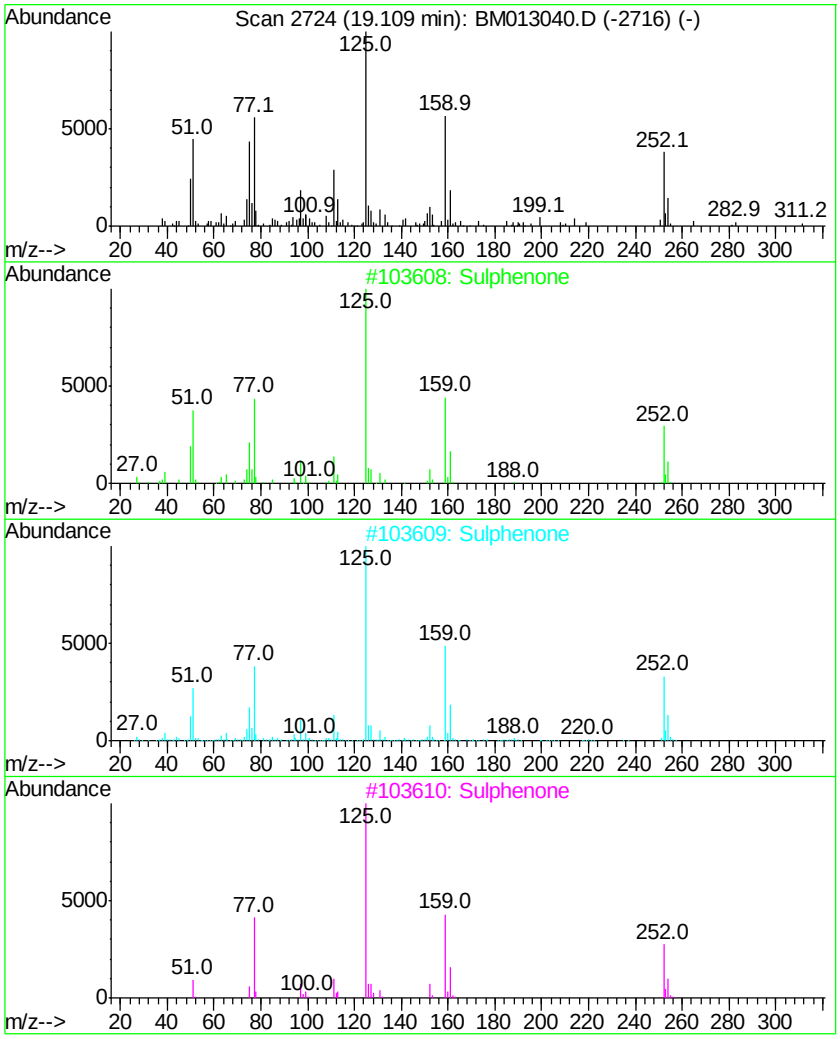
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

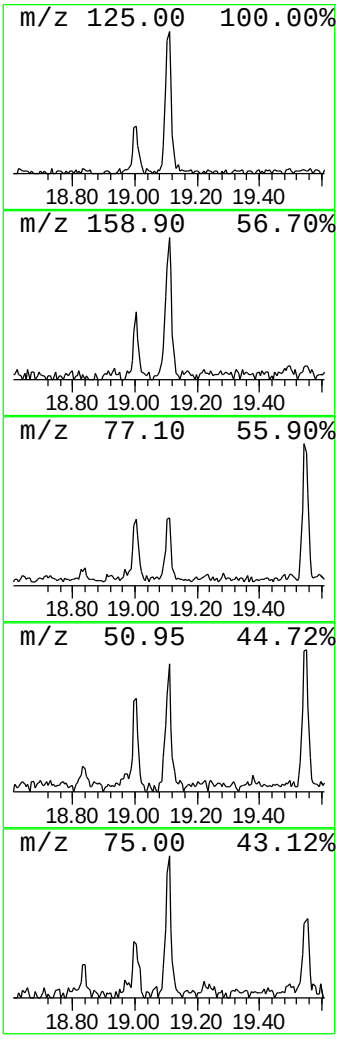
****

Peak Number 29 Sulphenone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.33 ng/ul	269229	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulphenone	252	C12H9ClO2S	000080-00-2	97
2	Sulphenone	252	C12H9ClO2S	000080-00-2	96
3	Sulphenone	252	C12H9ClO2S	000080-00-2	96
4	Sulphenone	252	C12H9ClO2S	000080-00-2	93
5	Diphenyl sulfone	218	C12H10O2S	000127-63-9	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

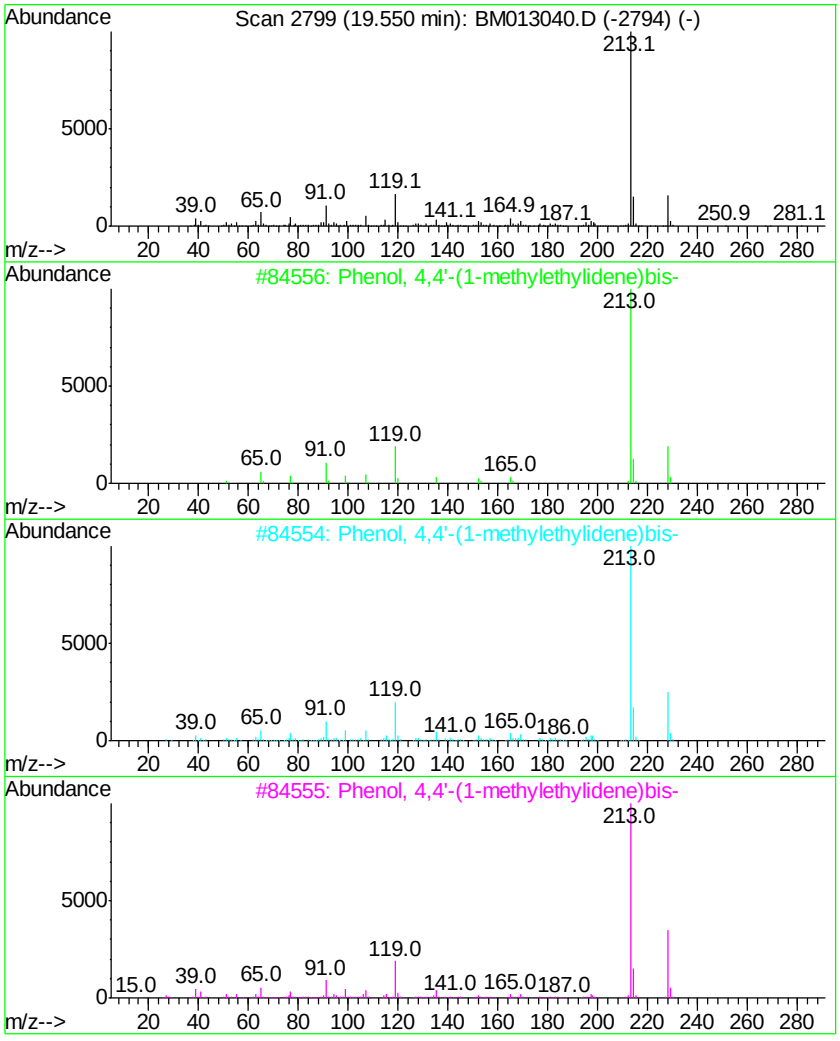
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

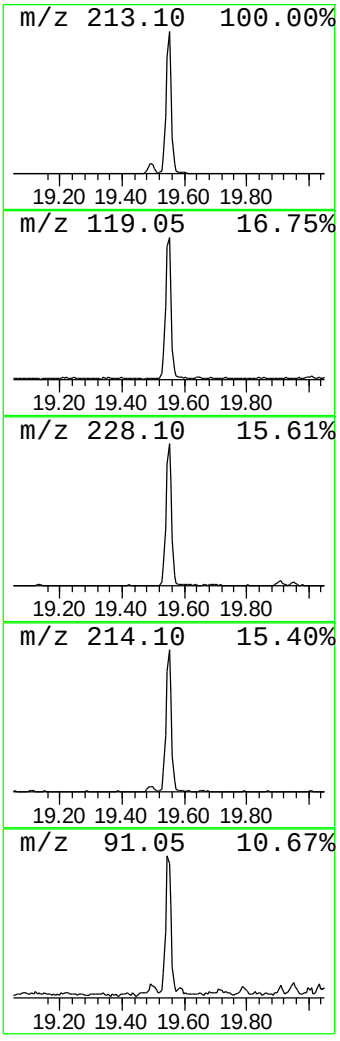
****

Peak Number 30 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	12.76 ng/ul	1811090	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50
5	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

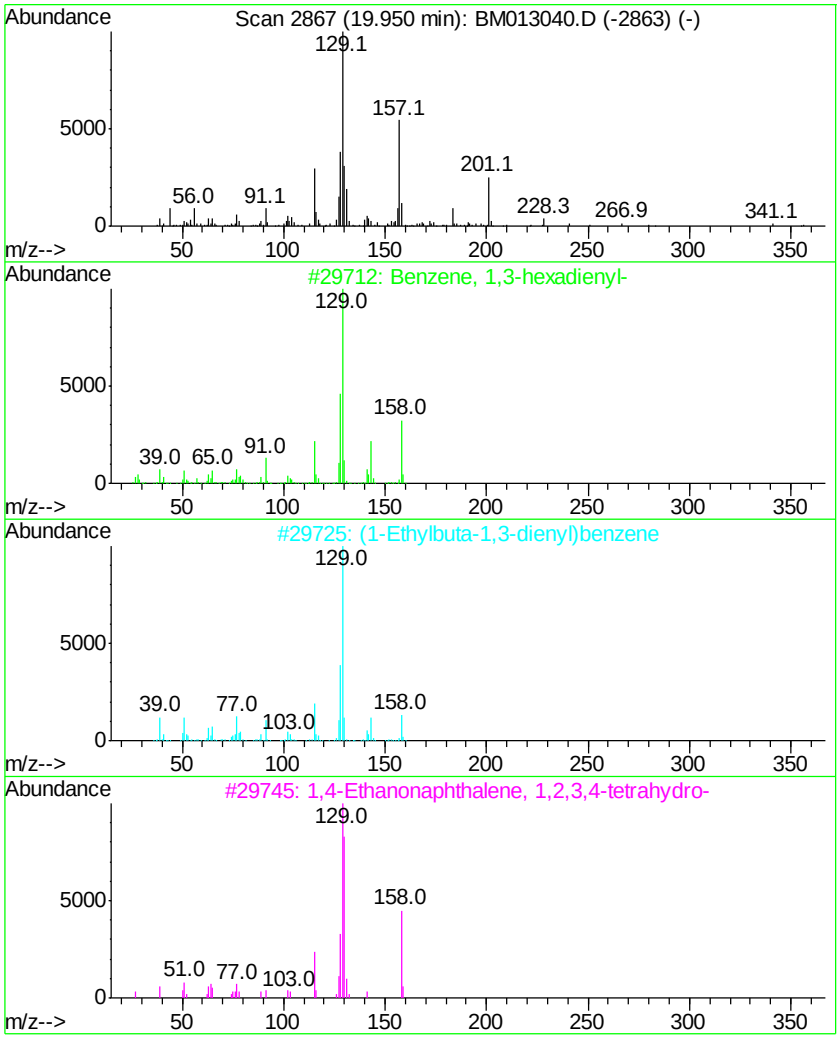
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

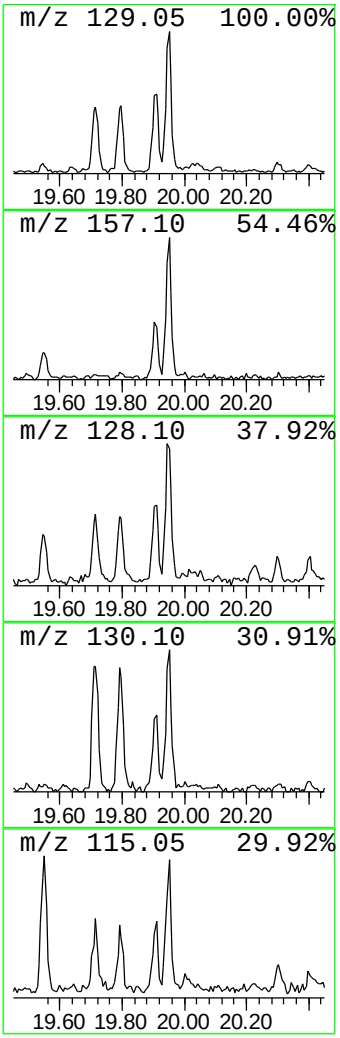
****

Peak Number 31 unknown-08 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.31 ng/ul	327297	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	49
2	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	46
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	43
4	Dimethyl 1,2-diethenylcyclo[3...	248	C14H16O4	1000222-75-3	38
5	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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

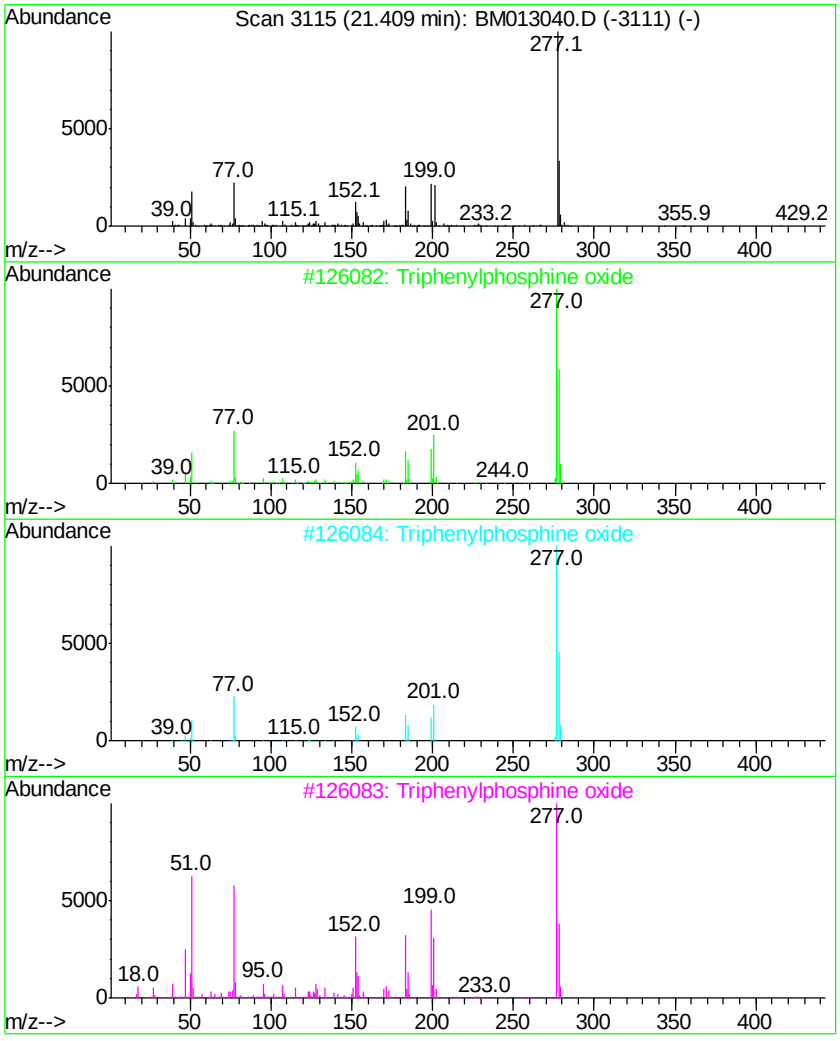
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

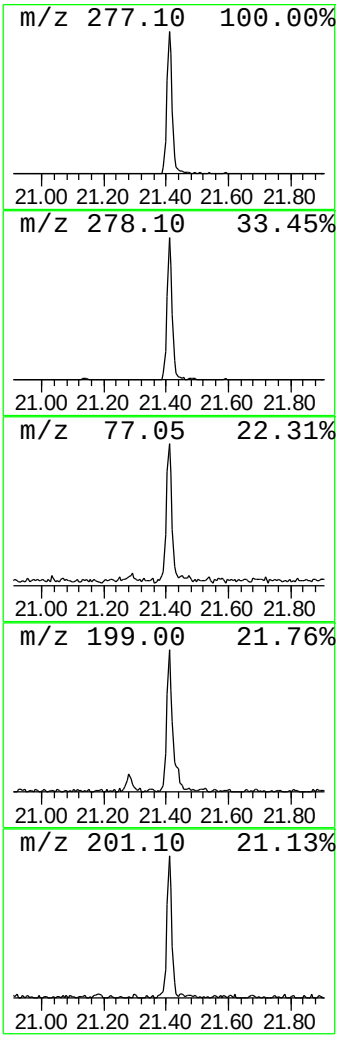
****

Peak Number 32 Triphenylphosphine oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	5.06 ng/ul	718418	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
3	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	87
4	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	60
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
Data File : BM013040.D
Acq On : 18 Nov 2017 15:09
Operator : SJ/JU
Sample : I6405-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2T0

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
unknown-01	5.46	2.5	ng/ul	158520	1	7.72	1245060	20.0
Benzene, (1-methy...	6.22	24.6	ng/ul	1534140	1	7.72	1245060	20.0
3-Octanone	6.40	2.8	ng/ul	172143	1	7.72	1245060	20.0
Benzene, propyl-	6.70	4.8	ng/ul	297625	1	7.72	1245060	20.0
unknown-02	7.42	4.6	ng/ul	287359	1	7.72	1245060	20.0
unknown-03	7.92	5.7	ng/ul	354295	1	7.72	1245060	20.0
Indane	8.08	3.7	ng/ul	232433	1	7.72	1245060	20.0
(DEL) Alkane: Cyc...	8.70	2.4	ng/ul	146436	1	7.72	1245060	20.0
Benzene, 1-ethyl-...	8.82	3.9	ng/ul	239614	1	7.72	1245060	20.0
unknown-04	8.95	4.6	ng/ul	284010	1	7.72	1245060	20.0
Benzene, 1,2,3,5-...	9.33	2.3	ng/ul	169207	2	10.50	1498500	20.0
3-Heptyne, 5-ethy...	9.50	2.8	ng/ul	209857	2	10.50	1498500	20.0
unknown-05	9.75	2.0	ng/ul	152933	2	10.50	1498500	20.0
2,4,6-Cycloheptat...	9.91	4.5	ng/ul	336119	2	10.50	1498500	20.0
unknown-06	10.24	2.3	ng/ul	175164	2	10.50	1498500	20.0
Cyclopropene, 1-b...	10.91	2.0	ng/ul	153124	2	10.50	1498500	20.0
Phenol, p-tert-bu...	11.85	16.9	ng/ul	1266270	2	10.50	1498500	20.0
Tripropyl phosphate	12.89	3.3	ng/ul	340375	3	14.36	2070720	20.0
Phensuximide	14.14	3.1	ng/ul	318500	3	14.36	2070720	20.0
Benzenesulfonamid...	15.86	2.9	ng/ul	333873	4	17.10	2311630	20.0
2(3H)-Benzothiazo...	16.04	5.6	ng/ul	644894	4	17.10	2311630	20.0
Phenol, 4-(1-phen...	16.41	2.5	ng/ul	285773	4	17.10	2311630	20.0
unknown-07	17.77	3.5	ng/ul	409182	4	17.10	2311630	20.0
Diphenyl sulfone	18.07	3.0	ng/ul	340844	4	17.10	2311630	20.0
2-[1-(4-Cyano-1,2...	18.14	5.0	ng/ul	579819	4	17.10	2311630	20.0
Quinolinium, 1-et...	18.24	4.8	ng/ul	551664	4	17.10	2311630	20.0
Isoquinoline	18.30	10.5	ng/ul	1211260	4	17.10	2311630	20.0
Sulphenone	19.11	2.3	ng/ul	269229	4	17.10	2311630	20.0
Phenol, 4,4'-(1-m...	19.55	12.8	ng/ul	1811090	5	21.29	2838120	20.0
unknown-08	19.95	2.3	ng/ul	327297	5	21.29	2838120	20.0
Triphenylphosphin...	21.41	5.1	ng/ul	718418	5	21.29	2838120	20.0