LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013081.D
Acq On : 22 Nov 2017 12:35
Operator : SJ/JU
Sample : I6526-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z9

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	24	27	38	rBV	56489	91949	1.32%	0.122%
2	5.451	396	402	407	rBV3	82279	151319	2.17%	0.201%
3	6.216	527	532	538	rVB	56440	87083	1.25%	0.116%
4	6.892	642	647	654	rVB	344210	518831	7.45%	0.689%
5	7.051	668	674	681	rBV	966978	1498907	21.51%	1.991%
6	7.251	700	708	716	rBV	1153207	1826357	26.21%	2.426%
7	7.422	731	737	744	rVB	224083	326696	4.69%	0.434%
8	7.710	774	786	798	rBV	894919	1518854	21.80%	2.018%
9	7.916	816	821	830	rVB	122022	187151	2.69%	0.249%
10	8.081	841	849	858	rVB3	64825	125411	1.80%	0.167%
11	8.422	899	907	916	rBV	981277	1541703	22.13%	2.048%
12	8.616	935	940	945	rBV3	64645	99198	1.42%	0.132%
13	8.816	966	974	976	rBV	67527	109082	1.57%	0.145%
14	8.863	976	982	990	rVV	1342597	2279909	32.72%	3.029%
15	8.934	990	994	1006	rVB5	73450	144954	2.08%	0.193%
16	9.328	1053	1061	1066	rVB	55425	100417	1.44%	0.133%
17	9.498	1085	1090	1093	rBV2	46118	70075	1.01%	0.093%
18	9.581	1098	1104	1110	rBV	1159947	1894169	27.19%	2.516%
19	9.910	1147	1160	1169	rBV7	45256	117398	1.68%	0.156%
20	10.116	1187	1195	1205	rBV	1699317	2878059	41.31%	3.823%
21	10.239	1212	1216	1224	rVB3	62718	113319	1.63%	0.151%
22	10.492	1252	1259	1267	rBV	1251868	2125691	30.51%	2.824%
23	10.633	1276	1283	1291	rBV2	125270	242545	3.48%	0.322%
24	11.086	1355	1360	1366	rBV4	62543	106594	1.53%	0.142%
25	11.710	1458	1466	1471	rBV10	33421	72420	1.04%	0.096%
26	11.845	1479	1489	1496	rBV	240792	427670	6.14%	0.568%
27	12.886	1661	1666	1670	rVB2	49750	76006	1.09%	0.101%
28	12.992	1680	1684	1690	rVB	128662	168365	2.42%	0.224%
29	13.263	1723	1730	1737	rBV8	26692	77296	1.11%	0.103%
30	13.769	1807	1816	1824	rBV	3195245	4483422	64.35%	5.956%
31	14.045	1856	1863	1870	rVB	3490846	5141612	73.79%	6.830%
32	14.139	1873	1879	1884	rBV	42468	72956	1.05%	0.097%
33	14.351	1906	1915	1929	rBV2	1810847	2997379	43.02%	3.982%
34	14.568	1944	1952	1960	rBV	318884	534621	7.67%	0.710%

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Misc :
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Instrument : BNA_M
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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	15.104	2038	2043	2047	rBV	69999	100155	1.44%	0.133%
36	15.351	2078	2085	2093	rVV	4363619	6188495	88.82%	8.221%
37	15.468	2097	2105	2113	rBV	1285531	1887719	27.09%	2.508%
38	15.615	2120	2130	2141	rVB	1539104	2202236	31.61%	2.926%
39	15.862	2167	2172	2179	rBV4	132629	229162	3.29%	0.304%
40	16.033	2194	2201	2208	rBV2	188013	335777	4.82%	0.446%
41	16.568	2287	2292	2296	rBV2	59626	84902	1.22%	0.113%
42	17.098	2372	2382	2390	rBV2	2381984	3490380	50.10%	4.637%
43	17.198	2392	2399	2406	rVV2	4698853	6664119	95.65%	8.853%
44	17.451	2438	2442	2447	rBV7	35664	71034	1.02%	0.094%
45	17.721	2484	2488	2492	rBV3	62599	80638	1.16%	0.107%
46	17.780	2493	2498	2503	rVB4	74513	103669	1.49%	0.138%
47	18.004	2532	2536	2544	rBV2	267524	439545	6.31%	0.584%
48	18.139	2555	2559	2565	rVB	137587	205407	2.95%	0.273%
49	18.245	2572	2577	2579	rBV	120266	170936	2.45%	0.227%
50	18.292	2579	2585	2594	rVB	228355	411559	5.91%	0.547%
51	18.692	2648	2653	2658	rBV9	36926	76010	1.09%	0.101%
52	18.998	2702	2705	2710	rVB2	83544	108191	1.55%	0.144%
53	19.215	2739	2742	2747	rVB7	66113	109461	1.57%	0.145%
54	19.292	2751	2755	2765	rVV	461798	630162	9.04%	0.837%
55	19.492	2783	2789	2794	rBV	5095661	6967521	100.00%	9.256%
56	19.545	2794	2798	2807	rVB	429963	627961	9.01%	0.834%
57	19.745	2829	2832	2835	rVB3	87253	95736	1.37%	0.127%
58	19.950	2863	2867	2871	rVB	64367	78583	1.13%	0.104%
59	19.997	2872	2875	2879	rBV6	63019	74077	1.06%	0.098%
60	20.539	2963	2967	2972	rBV3	115201	151550	2.18%	0.201%
61	20.621	2977	2981	2986	rBV	133777	201330	2.89%	0.267%
62	21.162	3069	3073	3076	rBV	206968	227384	3.26%	0.302%
63	21.197	3076	3079	3087	rVB6	133957	167518	2.40%	0.223%
64	21.280	3088	3093	3099	rVV	2508945	3202222	45.96%	4.254%
65	21.409	3111	3115	3123	rBV3	202255	372952	5.35%	0.495%
66	21.803	3179	3182	3185	rVB5	88741	100510	1.44%	0.134%
67	23.374	3442	3449	3456	rBV2	2562369	4800665	68.90%	6.377%
68	23.515	3466	3473	3481	rVB	1281859	2411208	34.61%	3.203%

Sum of corrected areas: 75276192

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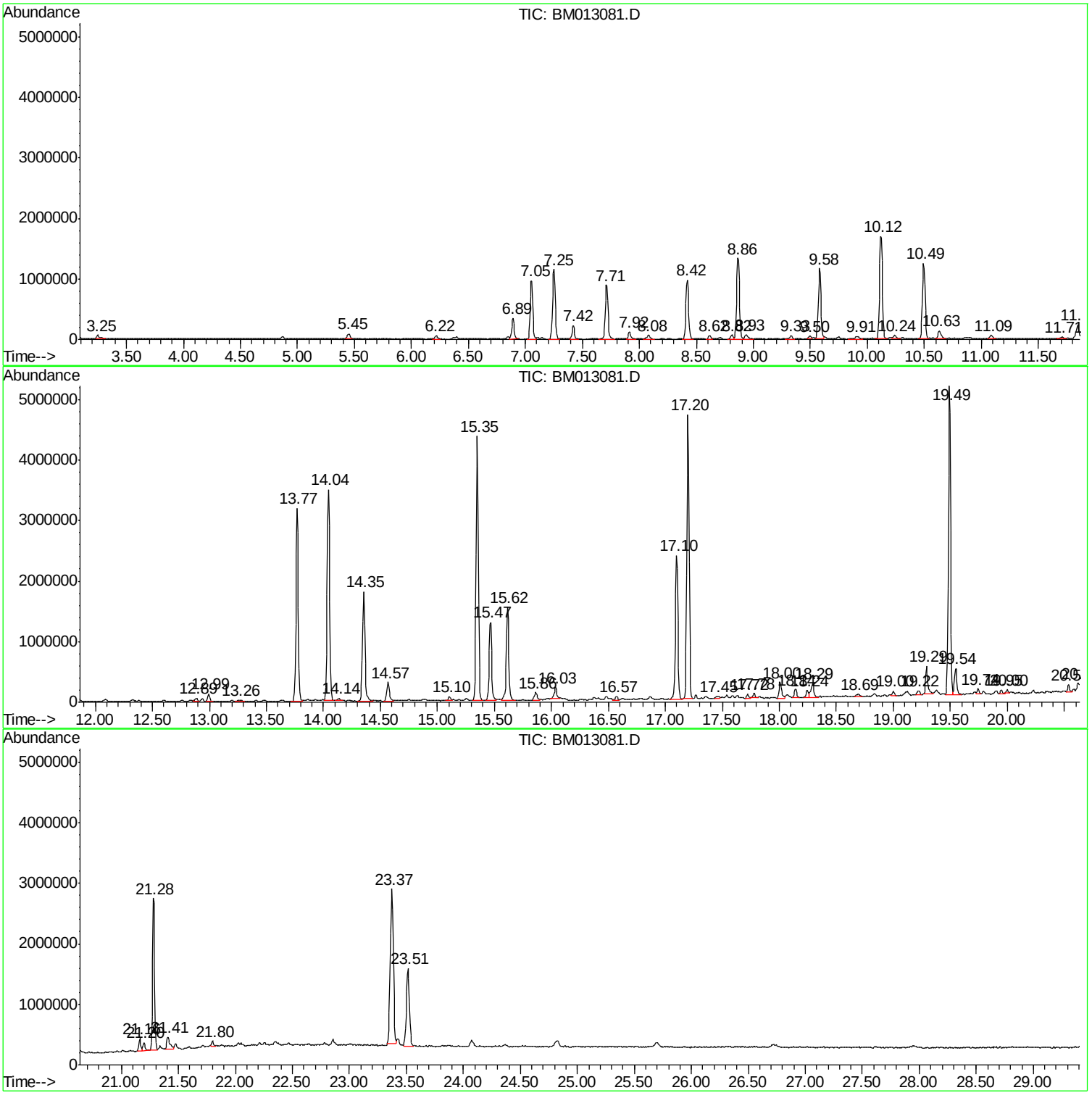
Instrument : BNA_M
ClientSampleId : BE2Z9

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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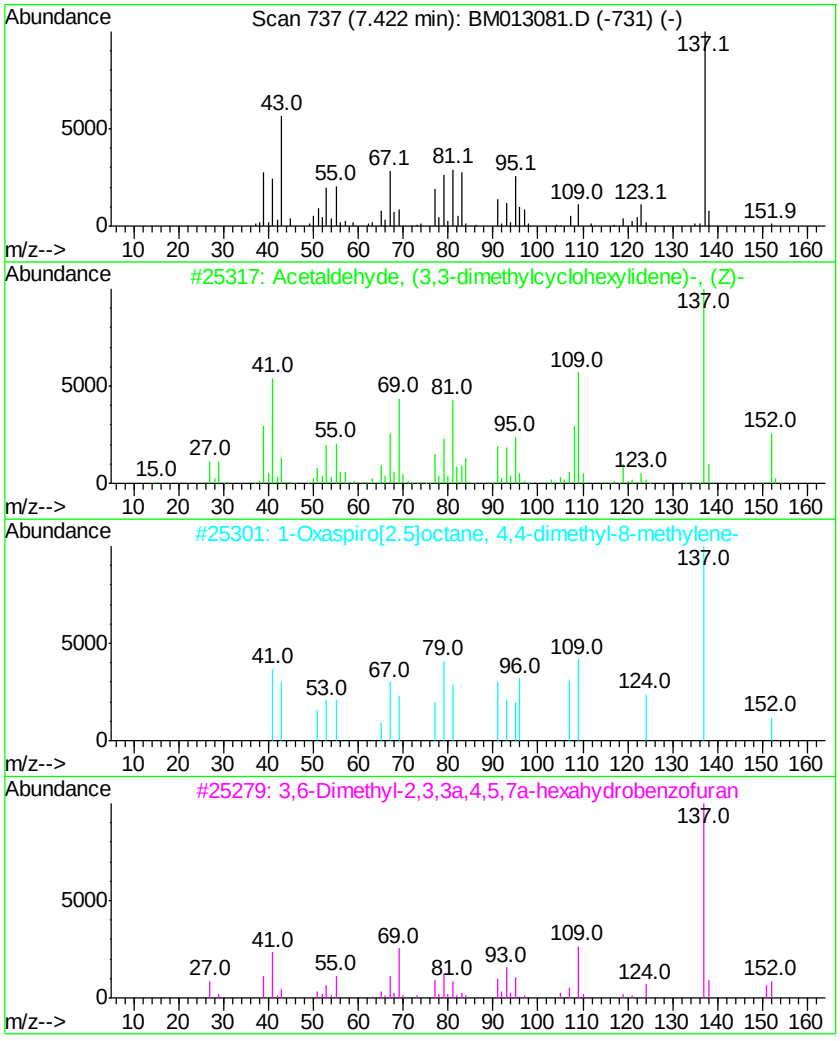
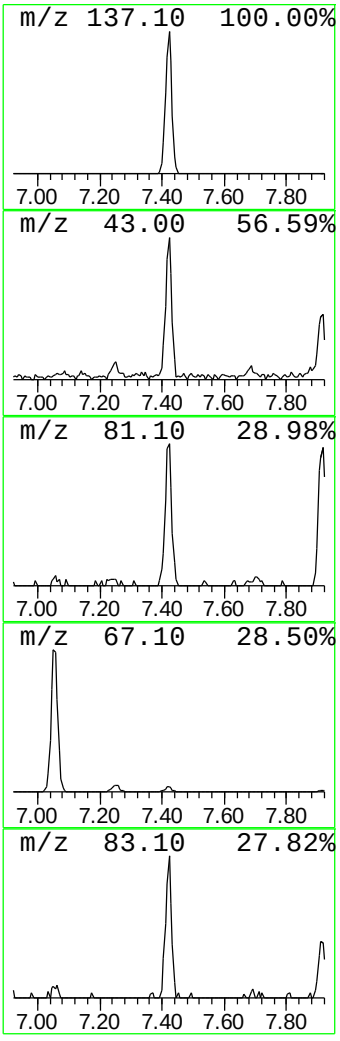
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.30 ng/ul	326696	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	42
2	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	40
3	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	37
4	1,3-Benzodioxol-5-amine	137	C7H7NO2	014268-66-7	35
5	s-Triazolo[2,3-a]-s-triazin-5(6H...	137	C4H3N5O	001489-03-8	35





Library Search Compound Report

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Sample : I6526-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z9

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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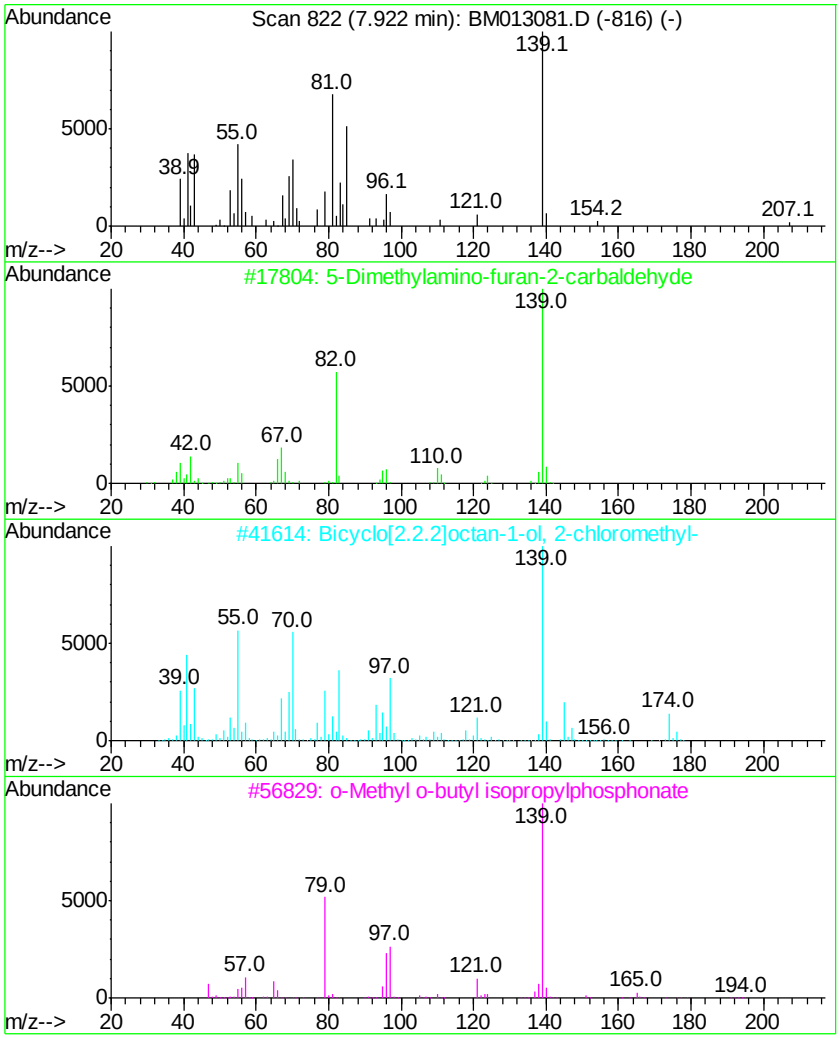
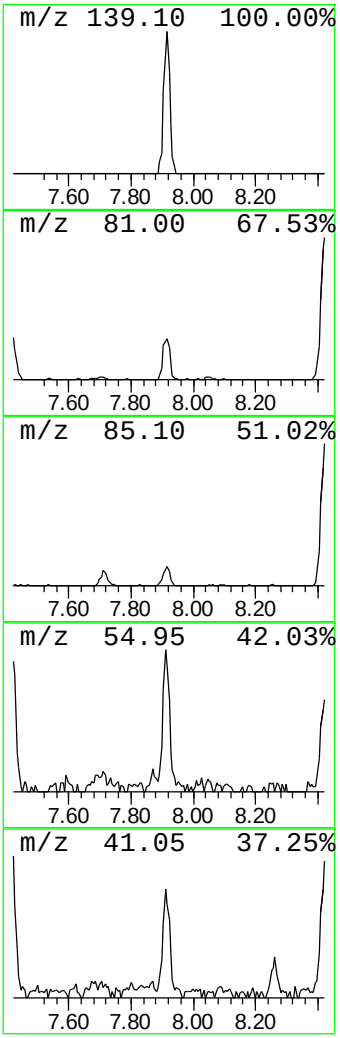
Peak Number 2 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.46 ng/ul	187151	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	38
2	Bicyclo[2.2.2]octan-1-ol, 2-chlo...	174	C9H15ClO	274689-99-5	35
3	o-Methyl o-butyl isopropylphosph...	194	C8H19O3P	1000275-51-3	35
4	2,2-Dimethyl-4-ethynyltetrahydro...	154	C9H14O2	015775-89-0	32
5	2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220	C11H21ClO2	002009-84-9	27





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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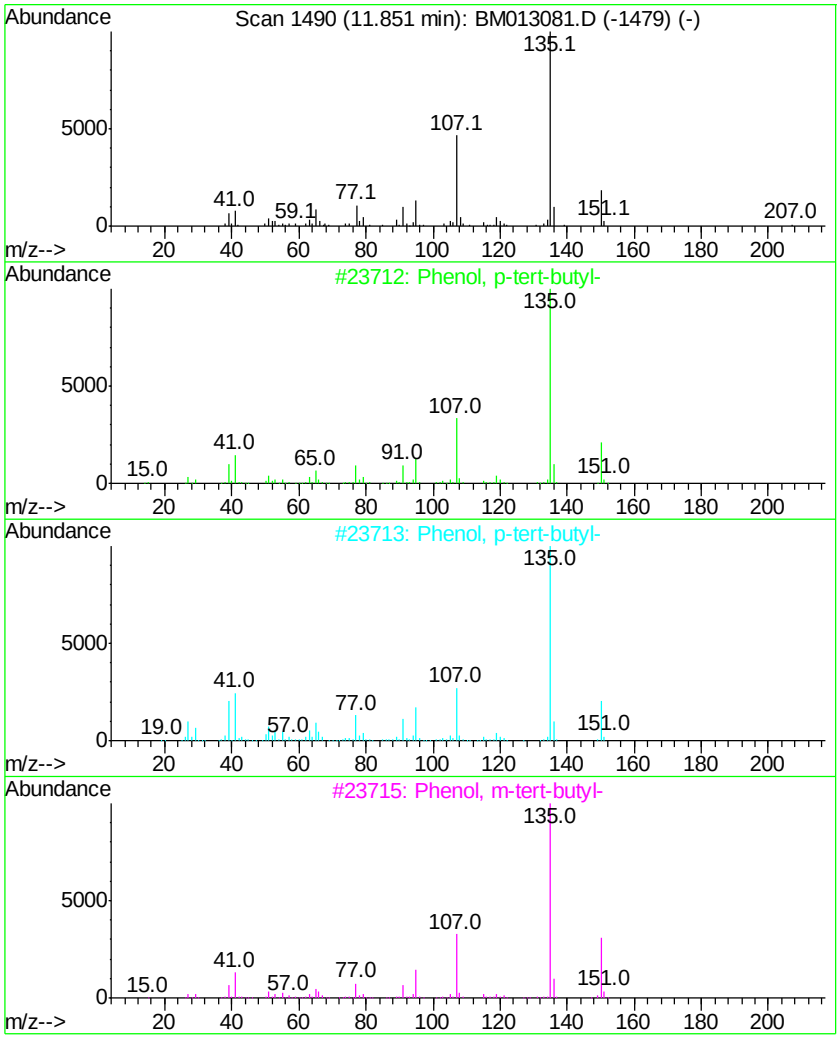
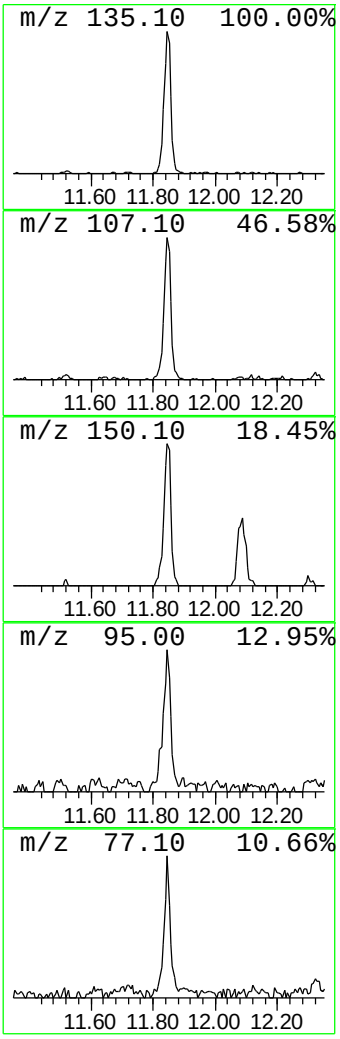
Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.02 ng/ul	427670	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	87





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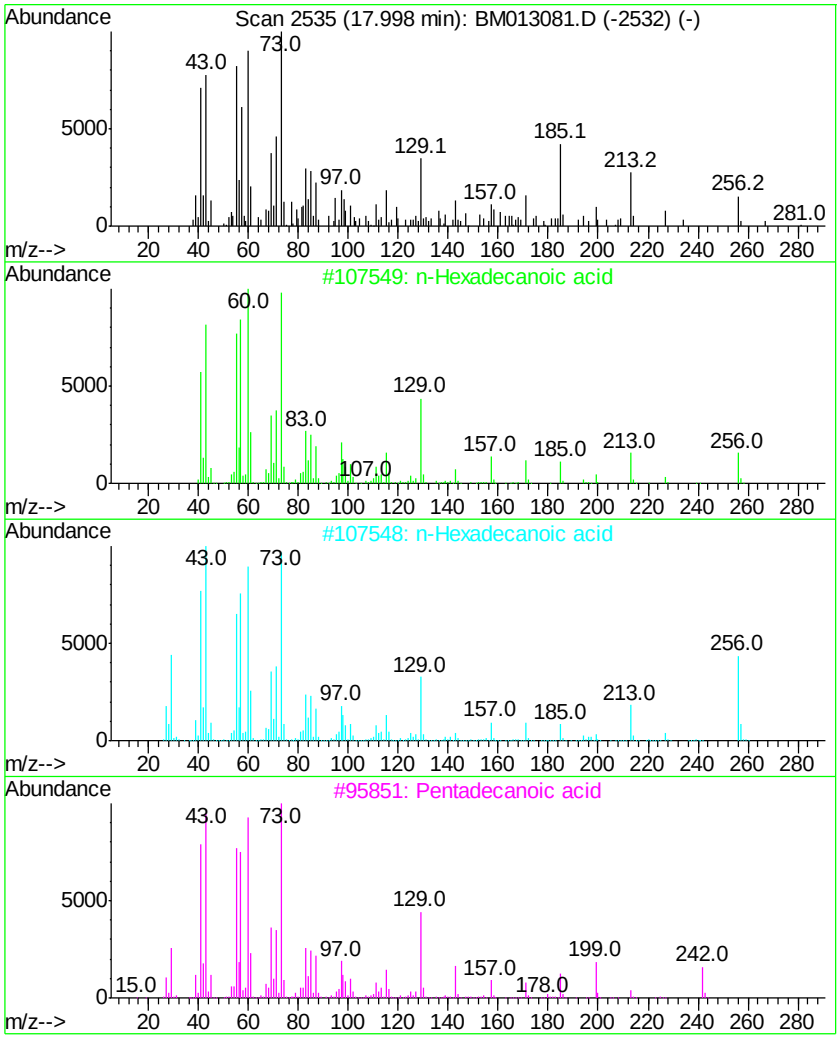
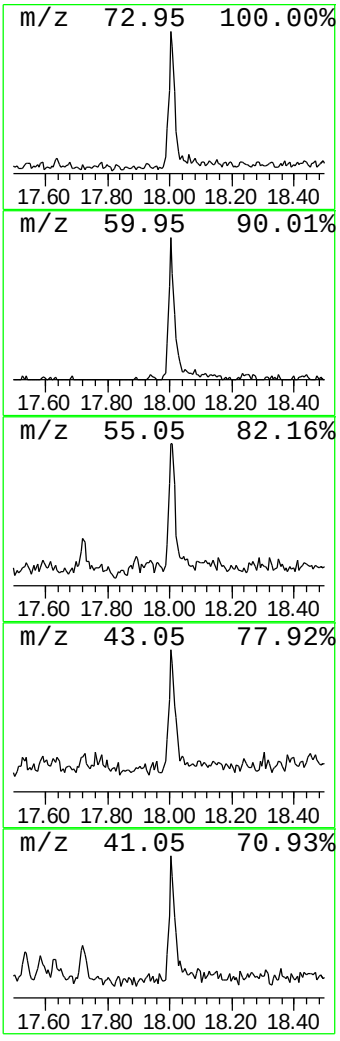
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.52 ng/ul	439545	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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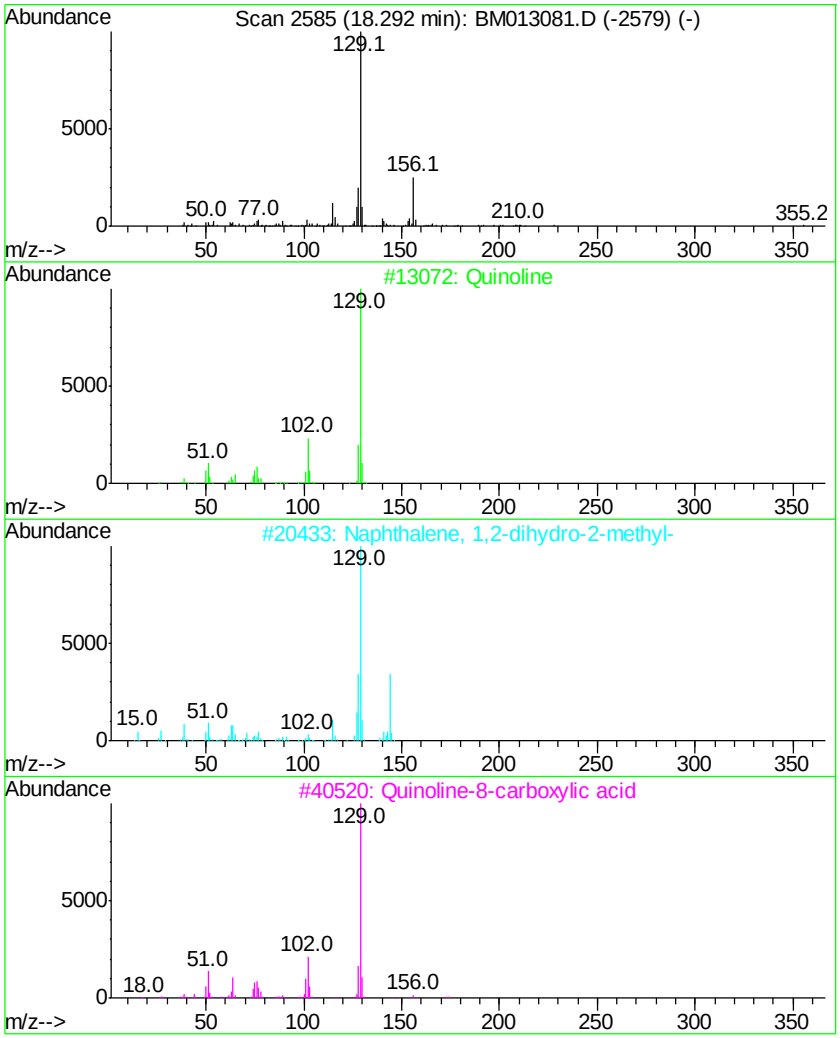
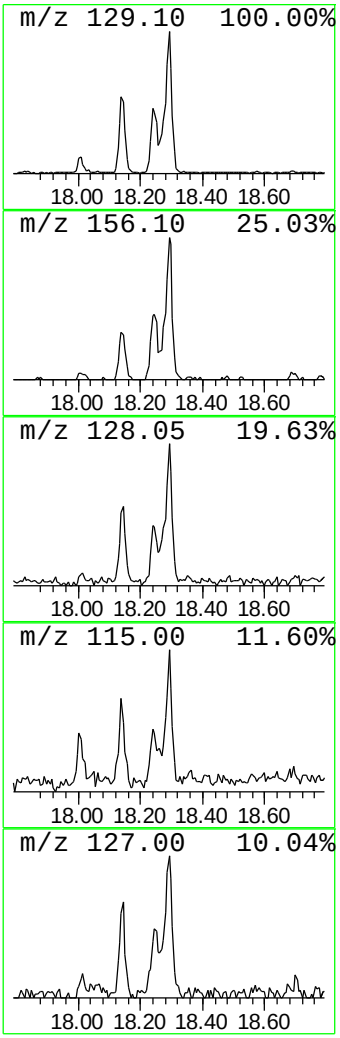
Peak Number 5 Quinoline Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.36 ng/ul	411559	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	50
2	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	43
3	Quinoline-8-carboxylic acid	173	C10H7NO2	000086-59-9	40
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	40
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	38





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Quant Title : SVOA CALIBRATION

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

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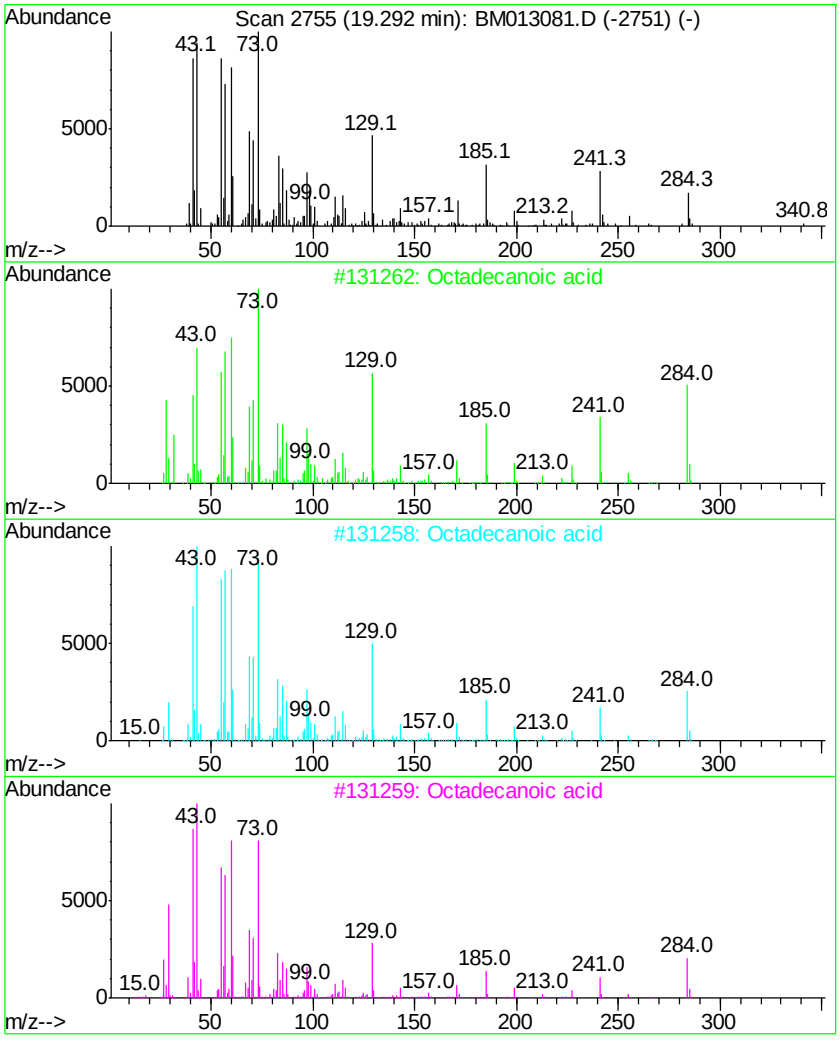
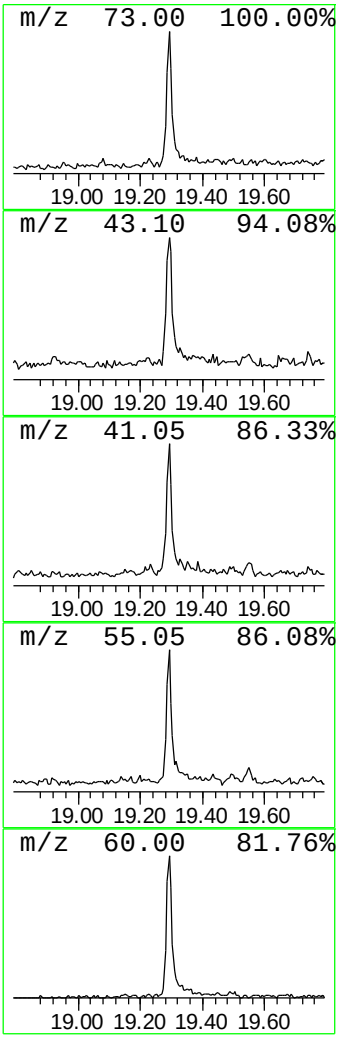
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.94 ng/ul	630162	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Sample : I6526-02
Misc :
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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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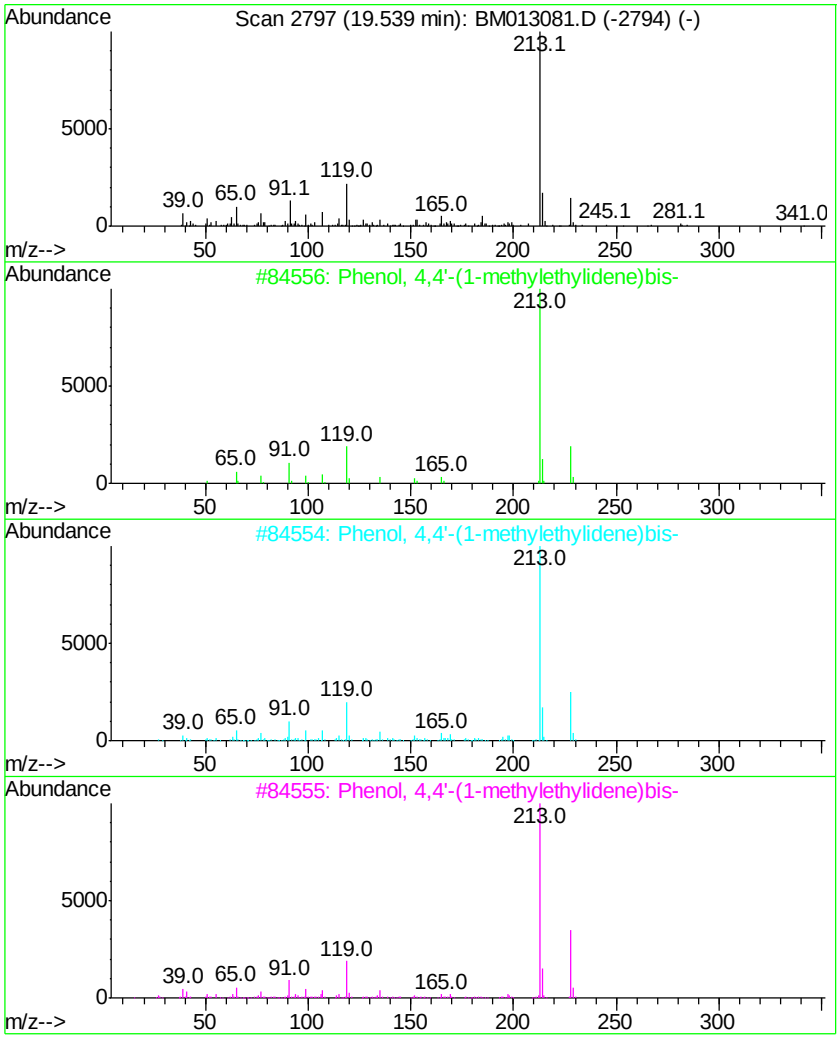
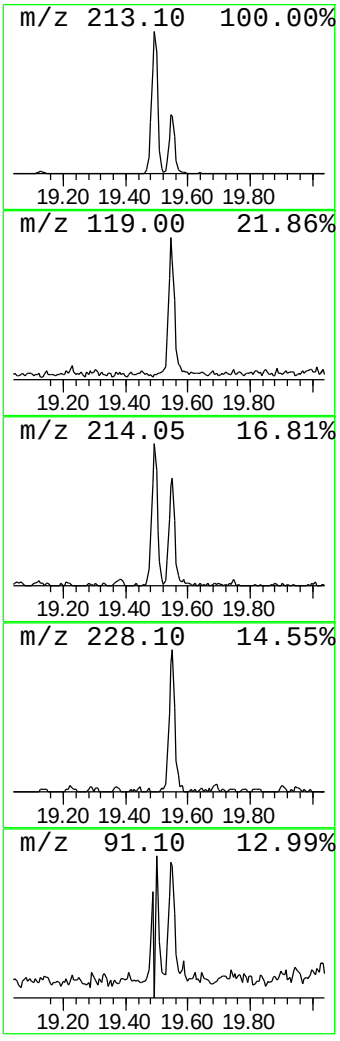
Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.92 ng/ul	627961	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	92
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013081.D
Acq On : 22 Nov 2017 12:35
Operator : SJ/JU
Sample : I6526-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z9

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

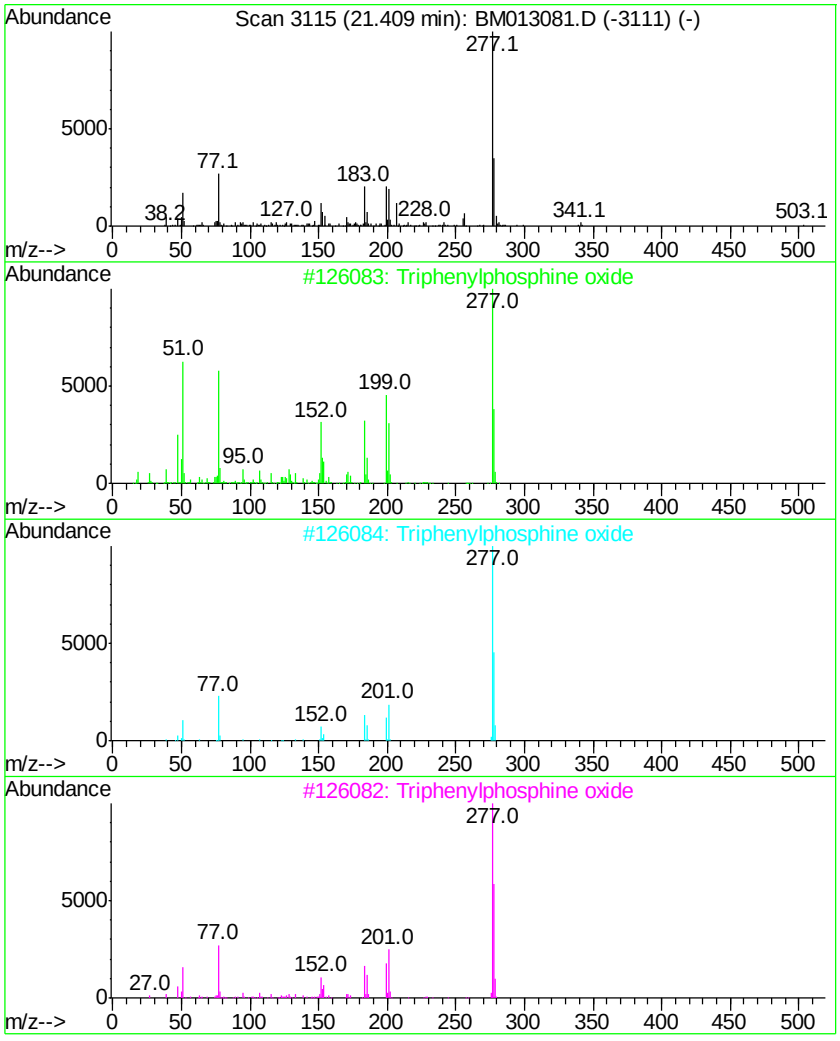
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

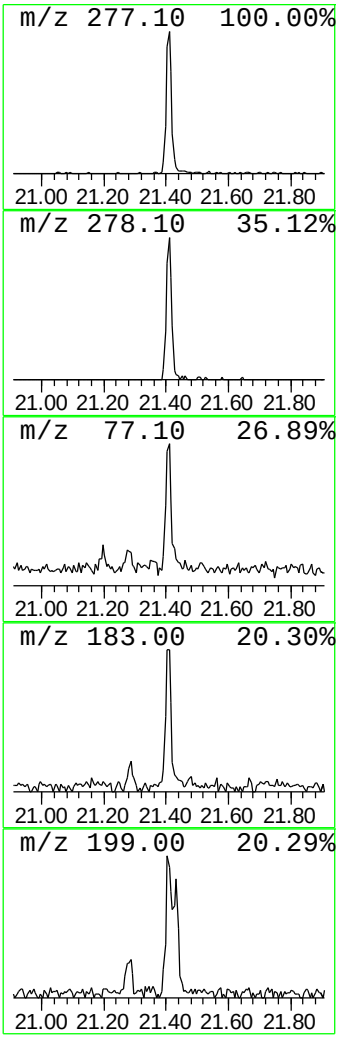
****

Peak Number 8 Triphenylphosphine oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.33 ng/ul	372952	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	60
3	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	46
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013081.D
Acq On : 22 Nov 2017 12:35
Operator : SJ/JU
Sample : I6526-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z9

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	7.42	4.3	ng/ul	326696	1	7.72	1518850	20.0
unknown-02	7.92	2.5	ng/ul	187151	1	7.72	1518850	20.0
Phenol, p-tert-bu...	11.85	4.0	ng/ul	427670	2	10.49	2125690	20.0
n-Hexadecanoic acid	18.00	2.5	ng/ul	439545	4	17.10	3490380	20.0
Quinoline	18.29	2.4	ng/ul	411559	4	17.10	3490380	20.0
Octadecanoic acid	19.29	3.9	ng/ul	630162	5	21.28	3202220	20.0
Phenol, 4,4'-(1-m...	19.54	3.9	ng/ul	627961	5	21.28	3202220	20.0
Triphenylphosphin...	21.41	2.3	ng/ul	372952	5	21.28	3202220	20.0