LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090816\
Data File : BM007461.D
Acq On : 08 Sep 2016 19:16
Operator : UM/SJ
Sample : H4692-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3C4

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\SOM02.2-EPA-BM082316.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	6.963	737	744	756	rVB	180368	308153	3.17%	0.381%
2	7.122	765	771	783	rBV	646311	1042956	10.74%	1.288%
3	7.328	799	806	815	rBV	704988	1168049	12.02%	1.443%
4	7.792	877	885	892	rBV	851231	1411874	14.53%	1.744%
5	8.492	996	1004	1014	rBV	598900	988101	10.17%	1.220%
6	8.881	1063	1070	1075	rBV	444112	720545	7.42%	0.890%
7	8.945	1075	1081	1095	rVB	933748	1559444	16.05%	1.926%
8	9.663	1194	1203	1214	rBV	821090	1421982	14.64%	1.756%
9	10.198	1287	1294	1314	rBV	1088659	1972784	20.31%	2.437%
10	10.575	1351	1358	1365	rBV	1295938	2219389	22.85%	2.741%
11	10.875	1402	1409	1417	rVB2	65473	109901	1.13%	0.136%
12	11.369	1487	1493	1506	rVB3	68227	135541	1.40%	0.167%
13	11.886	1576	1581	1590	rBV	74174	139208	1.43%	0.172%
14	12.698	1714	1719	1725	rVB3	72711	124390	1.28%	0.154%
15	12.769	1725	1731	1741	rBV	191571	333615	3.43%	0.412%
16	13.022	1768	1774	1785	rBV	115444	172520	1.78%	0.213%
17	13.833	1905	1912	1918	rBV	2676075	3778442	38.89%	4.667%
18	14.116	1949	1960	1975	rBV	2816396	4271816	43.97%	5.277%
19	14.421	2005	2012	2023	rBV2	2264554	3486988	35.89%	4.307%
20	14.639	2041	2049	2067	rBV	184770	447467	4.61%	0.553%
21	15.163	2133	2138	2143	rVV2	103696	136696	1.41%	0.169%
22	15.216	2143	2147	2149	rVV	71102	97621	1.00%	0.121%
23	15.239	2149	2151	2157	rVB	136495	168569	1.74%	0.208%
24	15.416	2174	2181	2194	rBV	3773633	5565040	57.29%	6.874%
25	15.539	2196	2202	2214	rVV	1363630	2041000	21.01%	2.521%
26	15.780	2236	2243	2252	rBV	316369	502091	5.17%	0.620%
27	17.168	2472	2479	2488	rBV2	3170236	4736659	48.76%	5.851%
28	17.268	2489	2496	2508	rVV	4455087	6605226	67.99%	8.159%
29	17.686	2556	2567	2573	rBV	293466	399708	4.11%	0.494%
30	17.833	2586	2592	2601	rBV	528879	707834	7.29%	0.874%
31	19.556	2878	2885	2897	rBV	5877519	8522430	87.73%	10.527%
32	21.345	3184	3189	3202	rBV	5421543	7148224	73.58%	8.829%
33	22.392	3362	3367	3380	rBV	627764	967984	9.96%	1.196%
34	23.474	3543	3551	3566	rVB2	5137245	9714521	100.00%	11.999%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3C4

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\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

35	23.621	3568	3576	3586	rVB	3702533	7276810	74.91%	8.988%
36	24.121	3658	3661	3668	rVB2	137691	242419	2.50%	0.299%
37	24.874	3785	3789	3796	rVB2	157133	312739	3.22%	0.386%

Sum of corrected areas: 80958736

LSC Report - Integrated Chromatogram

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Misc :
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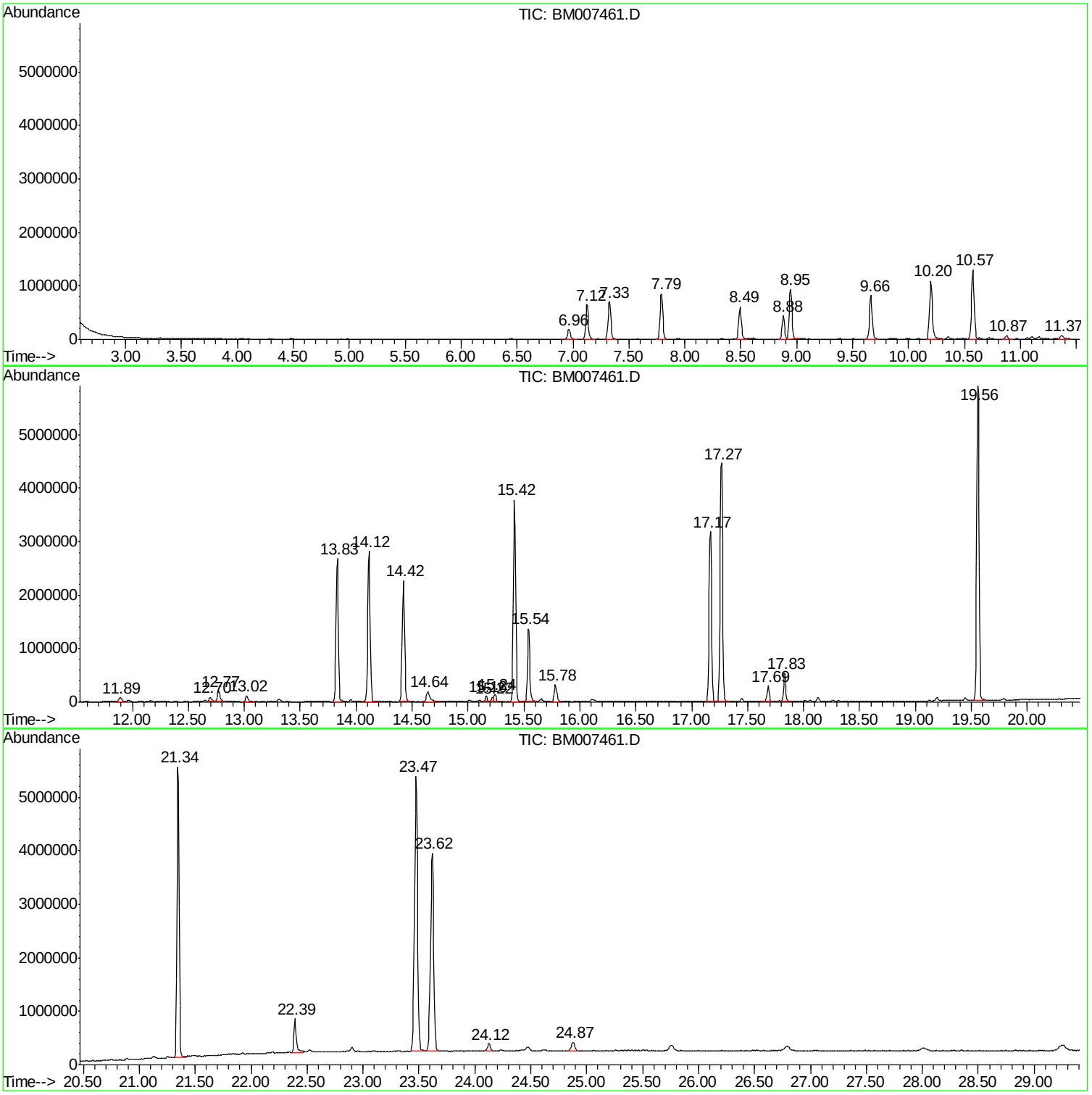
Instrument : BNA_M
ClientSampleId : BD3C4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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ClientSampleId : BD3C4

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Quant Title : SVOA CALIBRATION

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

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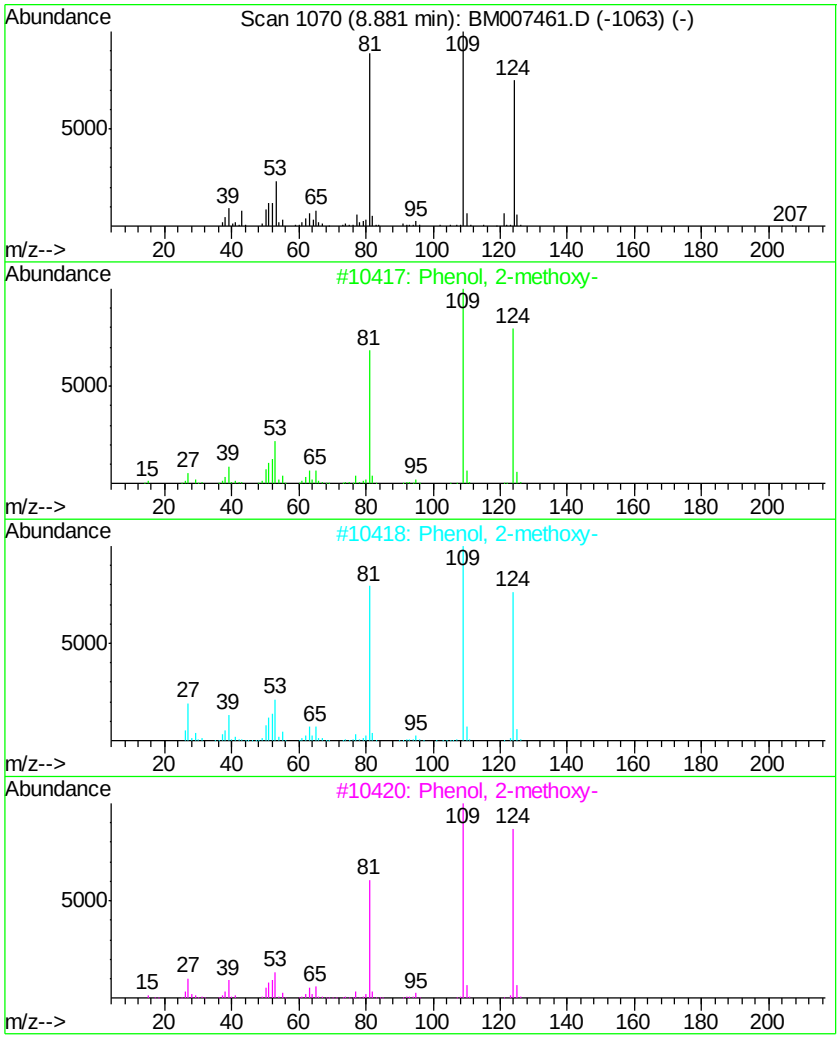
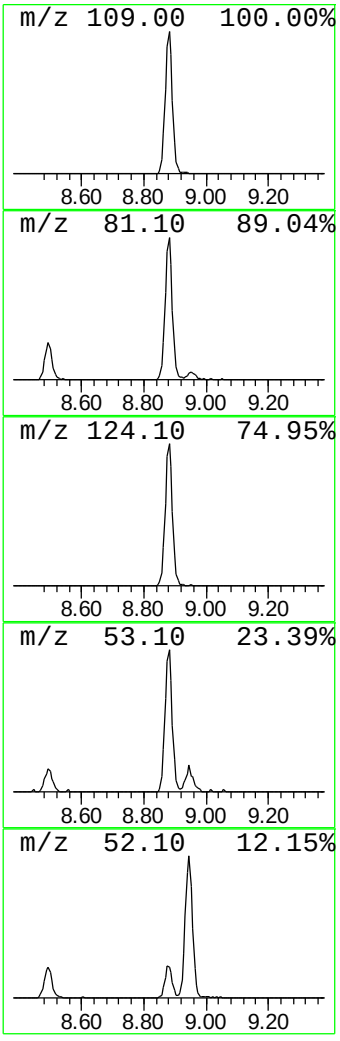
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	10.21 ng/ul	720545	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Mequinol	124	C7H8O2	000150-76-5	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BD3C4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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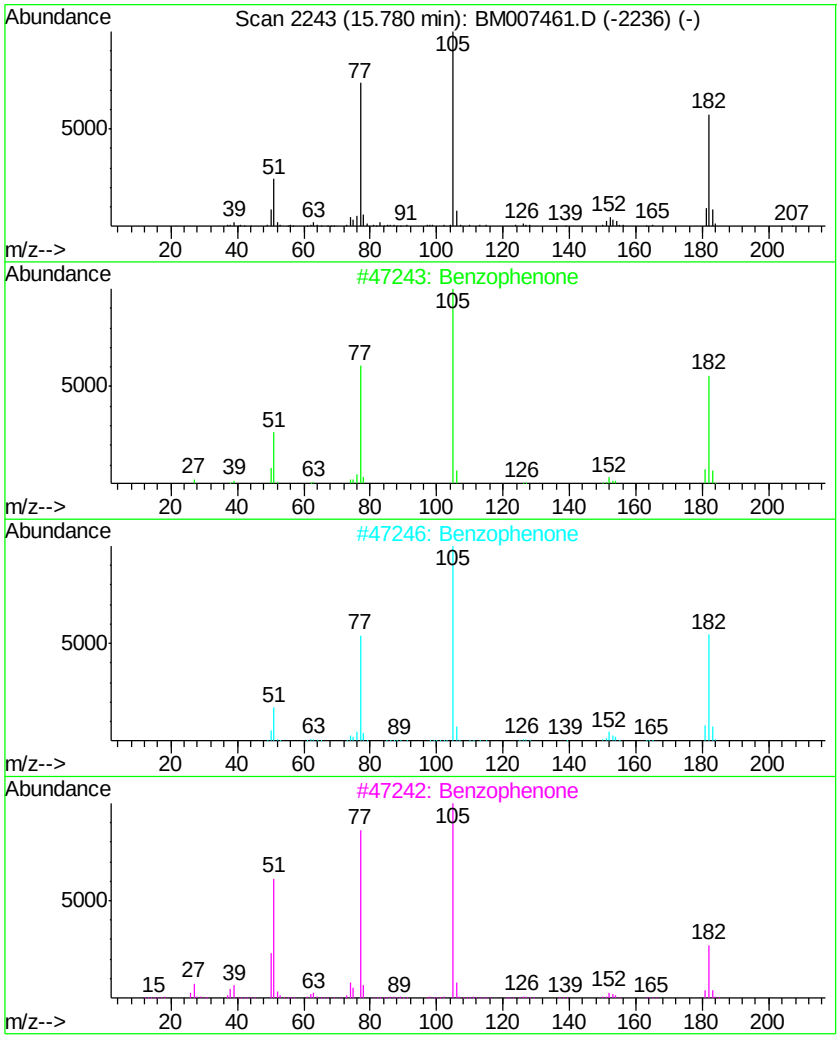
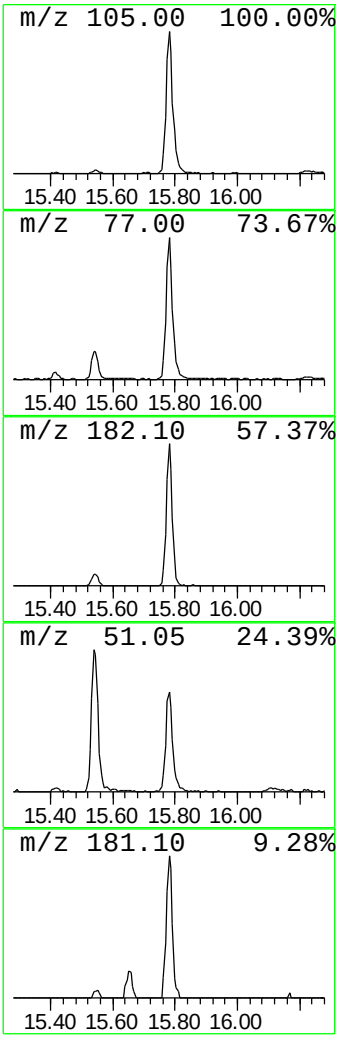
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.88 ng/ul	502091	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	90





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Sample : H4692-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3C4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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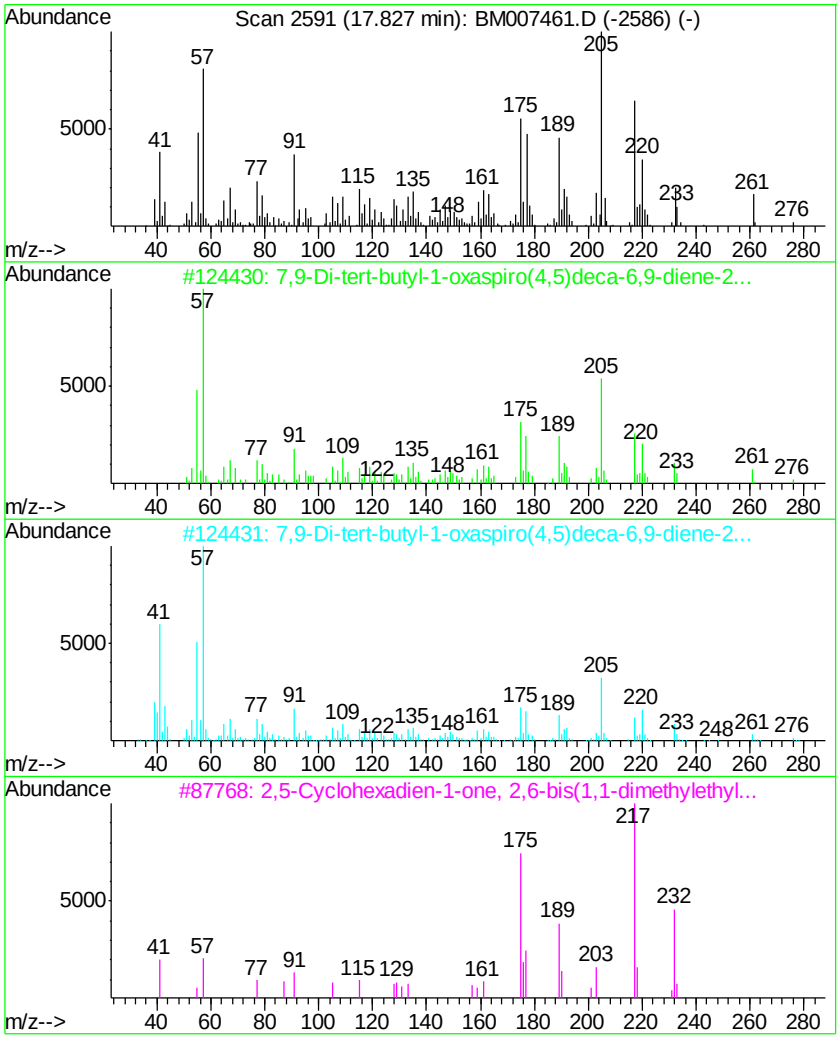
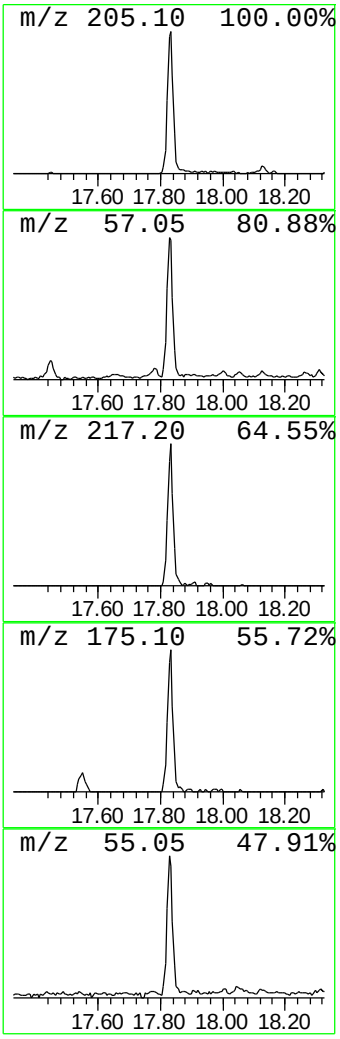
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.99 ng/ul	707834	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3C4

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

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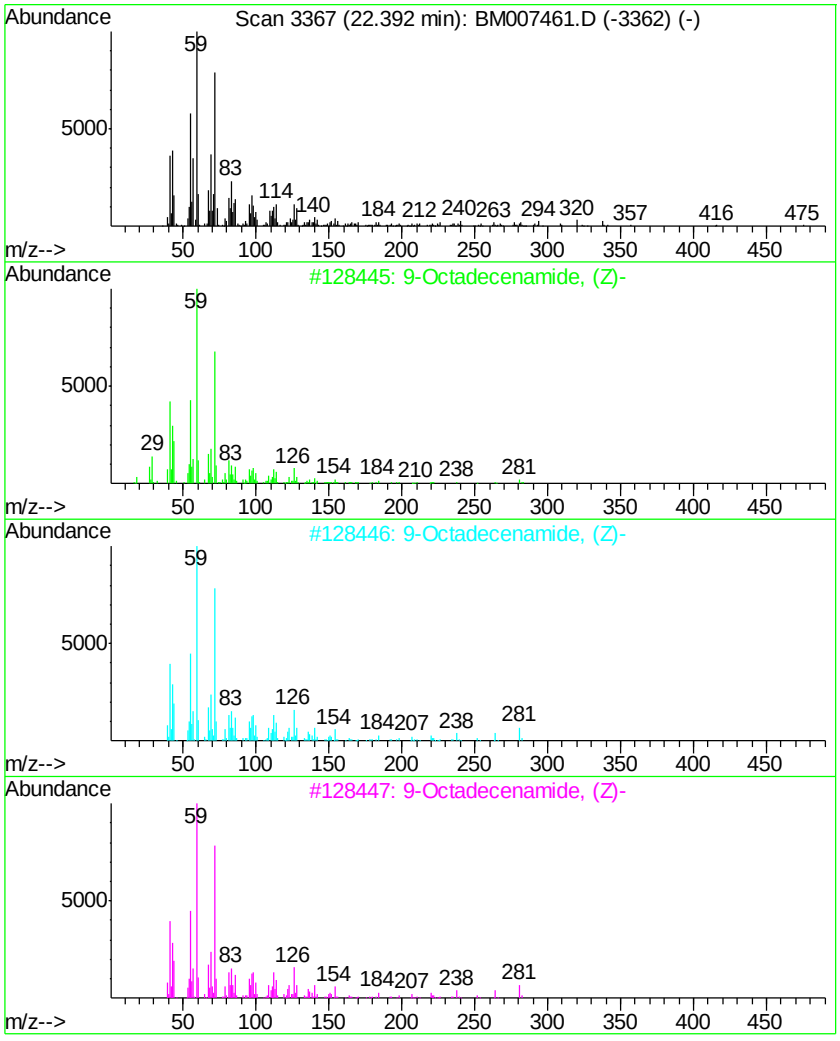
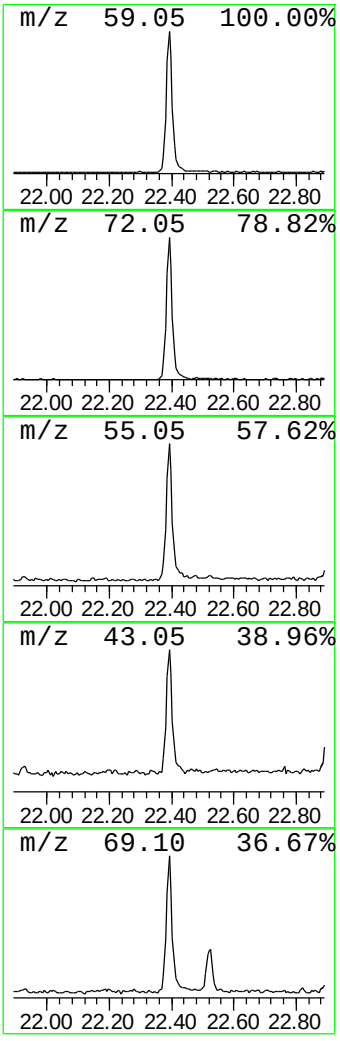
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.71 ng/ul	967984	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	80





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
Phenol, 2-methoxy-	8.88	10.2	ng/ul	720545	1	7.79	1411870	20.0
Benzophenone	15.78	2.9	ng/ul	502091	3	14.42	3486990	20.0
7,9-Di-tert-butyl...	17.83	3.0	ng/ul	707834	4	17.17	4736660	20.0
9-Octadecenamide,...	22.39	2.7	ng/ul	967984	5	21.34	7148220	20.0