LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014464.D
Acq On : 02 Mar 2018 16:31
Operator : SJ/JU
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

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-BM021418.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	3.093	15	18	21	rVB3	21644	27049	1.01%	0.082%
2	3.581	99	101	107	rBV5	16685	27067	1.01%	0.082%
3	4.669	282	286	289	rBV2	39077	62282	2.33%	0.188%
4	4.698	289	291	295	rVB4	32680	34636	1.30%	0.105%
5	6.734	631	637	648	rBV	477683	896908	33.54%	2.714%
6	6.869	652	660	671	rVB	385208	630783	23.59%	1.909%
7	7.063	686	693	704	rBV	579881	950811	35.56%	2.878%
8	7.516	764	770	780	rBV	481100	779101	29.14%	2.358%
9	8.257	889	896	907	rBV	596383	1085224	40.59%	3.284%
10	8.681	961	968	979	rBV	555726	981492	36.71%	2.970%
11	9.045	1024	1030	1033	rBV3	29849	43861	1.64%	0.133%
12	9.398	1082	1090	1101	rBV	463670	855274	31.99%	2.588%
13	9.945	1176	1183	1200	rBV2	595466	1246099	46.60%	3.771%
14	10.292	1233	1242	1247	rBV	631322	1068811	39.97%	3.235%
15	10.339	1247	1250	1256	rVB2	64541	103051	3.85%	0.312%
16	10.457	1262	1270	1281	rBV	470913	1004356	37.56%	3.040%
17	12.980	1696	1699	1704	rBV4	28993	43102	1.61%	0.130%
18	13.604	1799	1805	1810	rBV	1219888	1759523	65.81%	5.325%
19	13.651	1810	1813	1818	rVB	218248	286451	10.71%	0.867%
20	13.874	1842	1851	1862	rBV	1373714	2128519	79.61%	6.442%
21	14.074	1879	1885	1893	rBV2	78172	131315	4.91%	0.397%
22	14.180	1896	1903	1910	rBV2	835943	1323924	49.51%	4.007%
23	14.492	1950	1956	1968	rBV3	229815	660496	24.70%	1.999%
24	14.698	1989	1991	1996	rVB6	22085	28519	1.07%	0.086%
25	15.033	2042	2048	2054	rBV3	107777	164917	6.17%	0.499%
26	15.186	2068	2074	2081	rBV	1551061	2270953	84.93%	6.873%
27	15.368	2102	2105	2109	rBV5	37613	53555	2.00%	0.162%
28	15.433	2111	2116	2117	rBV4	24475	36595	1.37%	0.111%
29	15.545	2129	2135	2140	rVB8	25235	41313	1.55%	0.125%
30	15.904	2192	2196	2204	rBV4	75732	153822	5.75%	0.466%
31	16.251	2251	2255	2261	rBV9	25008	54648	2.04%	0.165%
32	16.698	2324	2331	2334	rBV7	57791	104818	3.92%	0.317%
33	16.945	2368	2373	2378	rBV	1015780	1523525	56.98%	4.611%
34	16.992	2378	2381	2385	rVV	386274	507003	18.96%	1.534%

LSC Area Percent Report

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Acq On : 02 Mar 2018 16:31
Operator : SJ/JU
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

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-BM021418.M
Title : SVOA CALIBRATION

35	17.051	2385	2391	2401	rVV2	1647648	2502233	93.58%	7.573%
36	17.827	2520	2523	2524	rBV2	57932	62919	2.35%	0.190%
37	17.856	2524	2528	2529	rBV4	104514	122292	4.57%	0.370%
38	18.021	2551	2556	2560	rBV3	100574	169574	6.34%	0.513%
39	18.333	2606	2609	2614	rVB3	47405	67122	2.51%	0.203%
40	18.392	2617	2619	2622	rVV4	50502	50935	1.90%	0.154%
41	18.562	2645	2648	2653	rVB5	98131	131183	4.91%	0.397%
42	19.021	2722	2726	2732	rBV	809695	1054658	39.44%	3.192%
43	19.362	2779	2784	2787	rBV	1876277	2673827	100.00%	8.092%
44	19.392	2787	2789	2797	rVB	739107	804248	30.08%	2.434%
45	19.803	2856	2859	2863	rVB	317736	347009	12.98%	1.050%
46	20.339	2947	2950	2953	rBV	241087	271385	10.15%	0.821%
47	20.868	3037	3040	3049	rVB3	449745	526491	19.69%	1.593%
48	21.168	3085	3091	3094	rBV2	1024146	1738124	65.01%	5.260%
49	23.221	3435	3440	3444	rBV2	839763	1449675	54.22%	4.387%

Sum of corrected areas: 33041478

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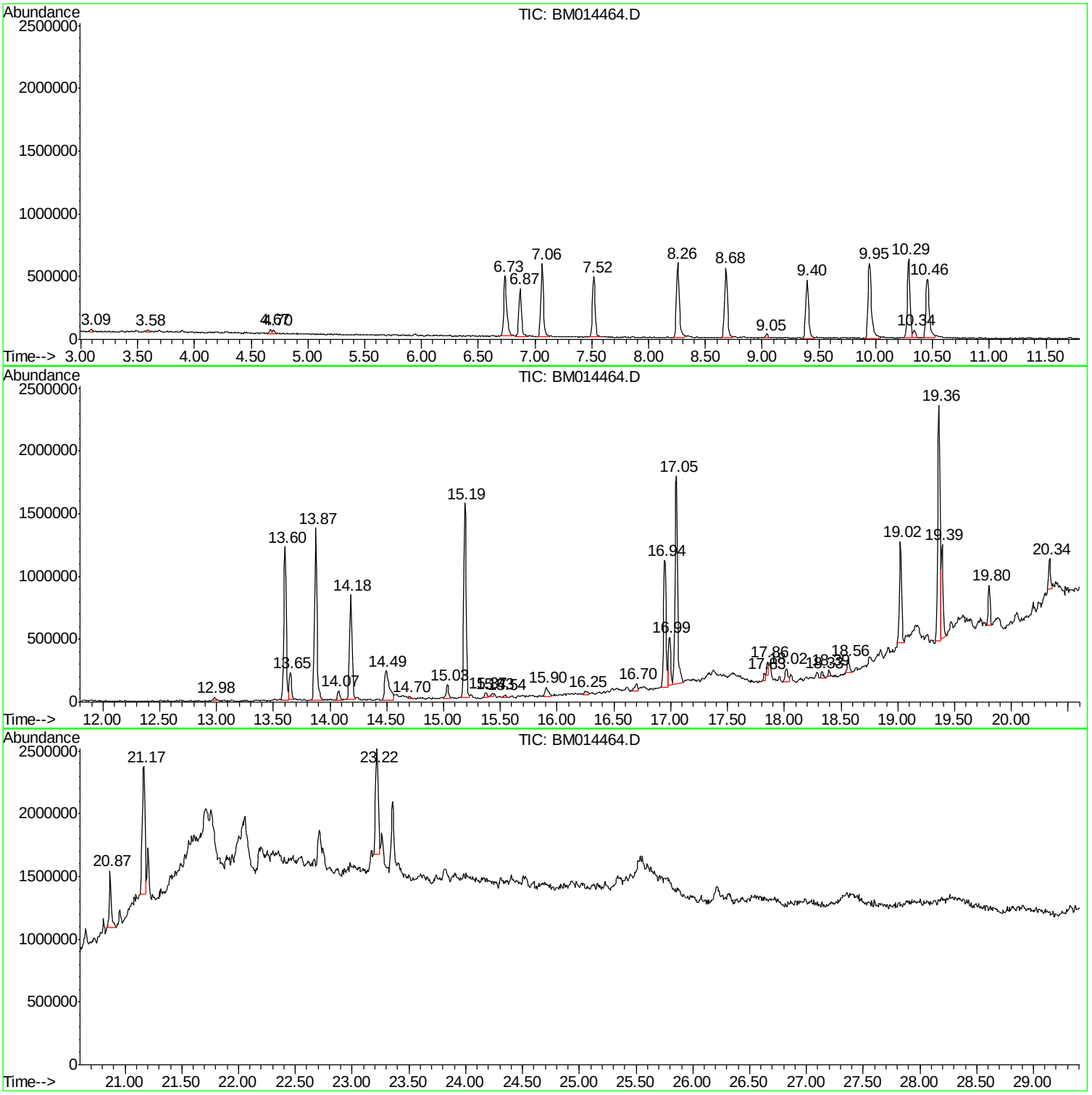
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM014464.D
Acq On : 02 Mar 2018 16:31
Operator : SJ/JU
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

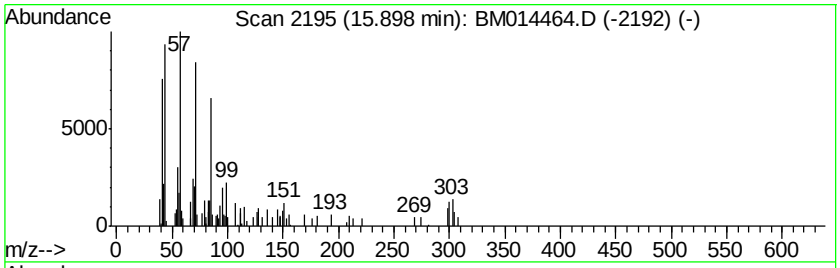
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

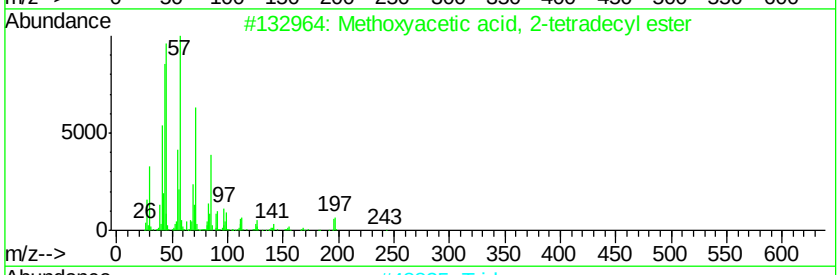
****

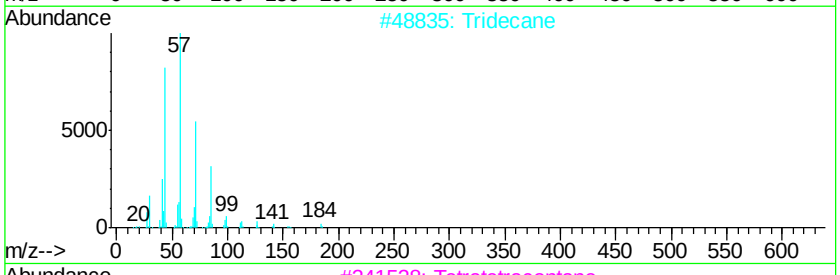
Peak Number 2 Methoxyacetic acid, 2-tetra... Concentration Rank 6

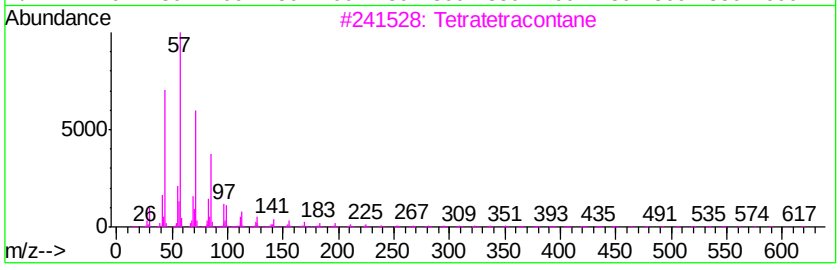
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.02 ng/ul	153822	Phenanthrene-d10	16.95

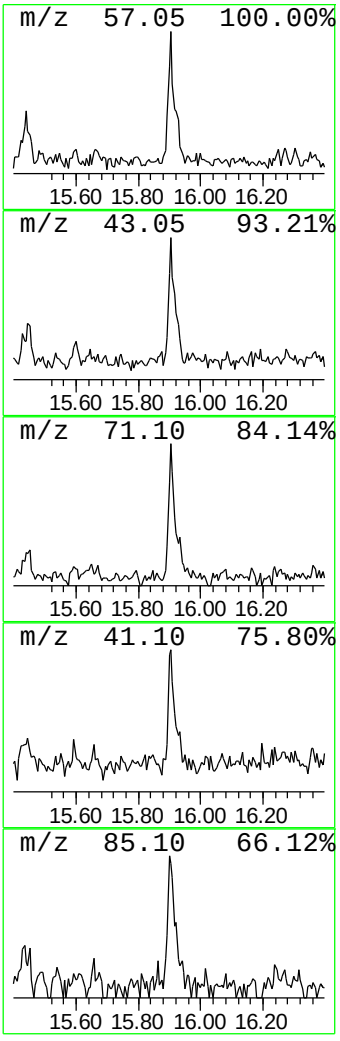
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	68
2	Tridecane	184	C13H28	000629-50-5	68
3	Tetratetracontane	619	C44H90	007098-22-8	68
4	Tetratetracontane	619	C44H90	007098-22-8	68
5	Hexatriacontane	507	C36H74	000630-06-8	64











Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014464.D
Acq On : 02 Mar 2018 16:31
Operator : SJ/JU
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

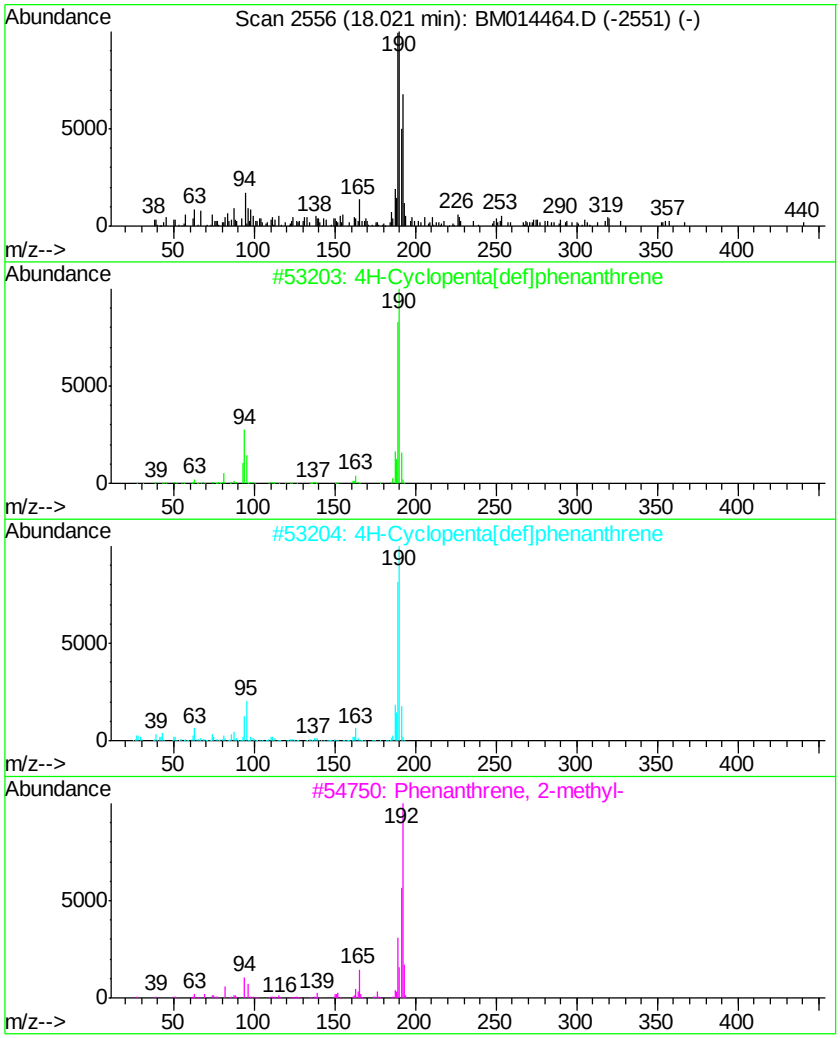
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

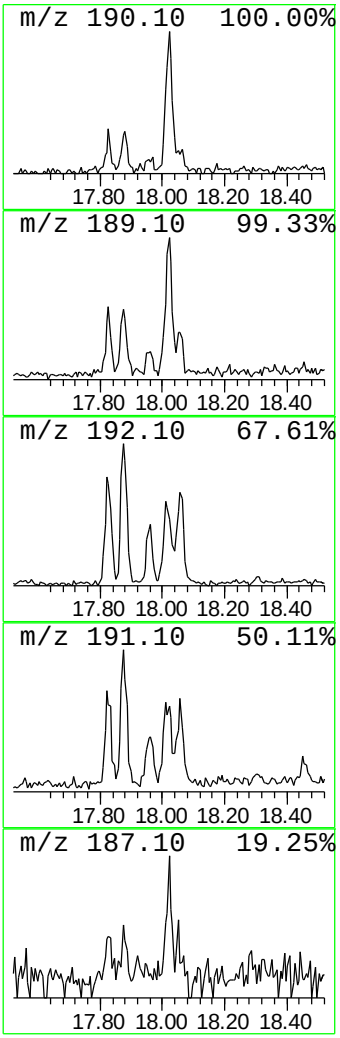
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.23 ng/ul	169574	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	20





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
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Acq On : 02 Mar 2018 16:31
Operator : SJ/JU
Sample : J1678-18RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

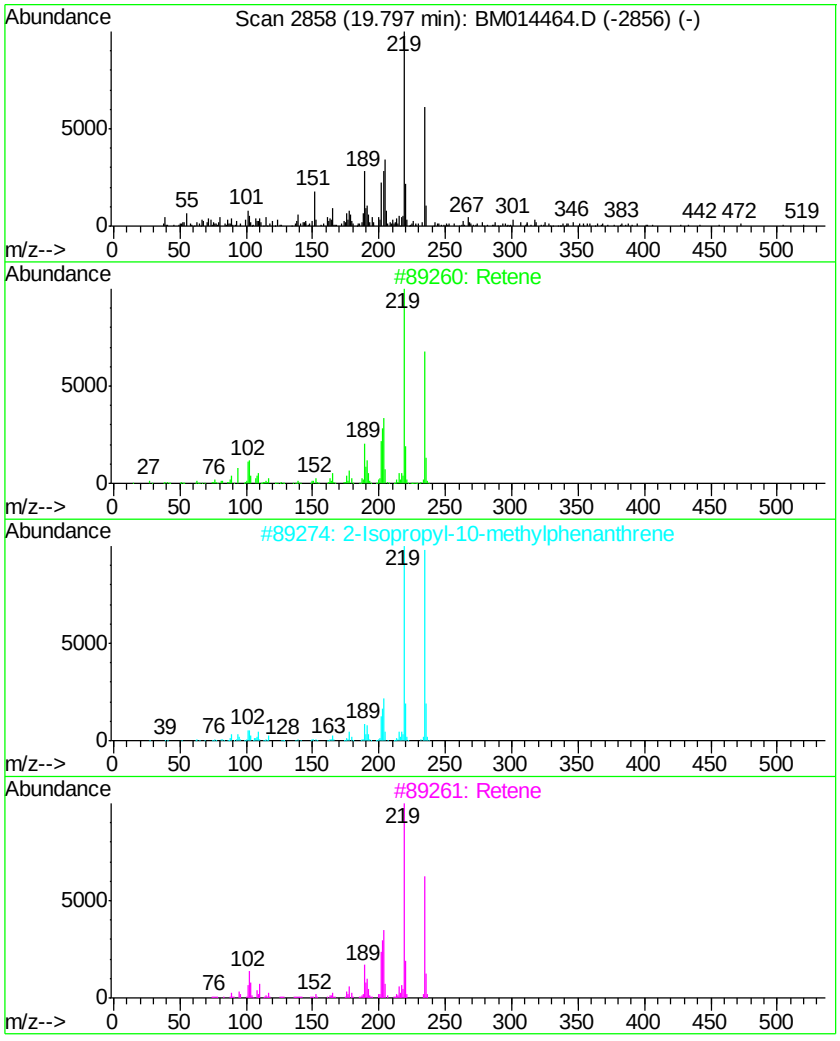
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

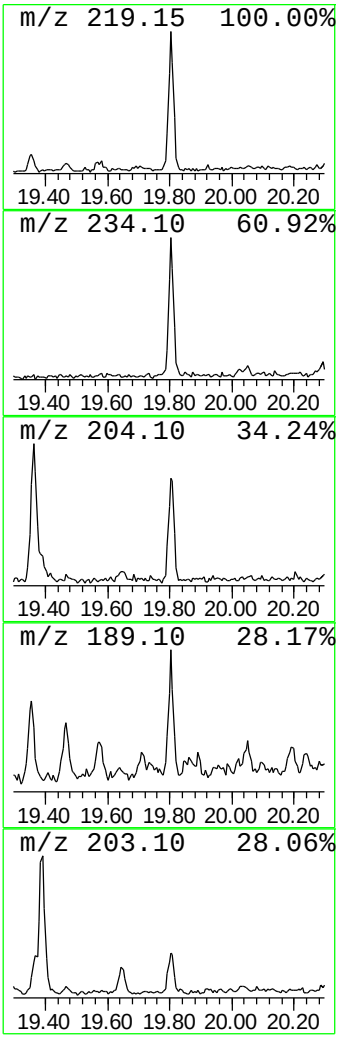
****

Peak Number 4 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.99 ng/ul	347009	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	96
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Retene	234	C18H18	000483-65-8	93
4	Retene	234	C18H18	000483-65-8	91
5	Retene	234	C18H18	000483-65-8	83





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Instrument : BNA_M
ClientSampleId : BE5W6RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

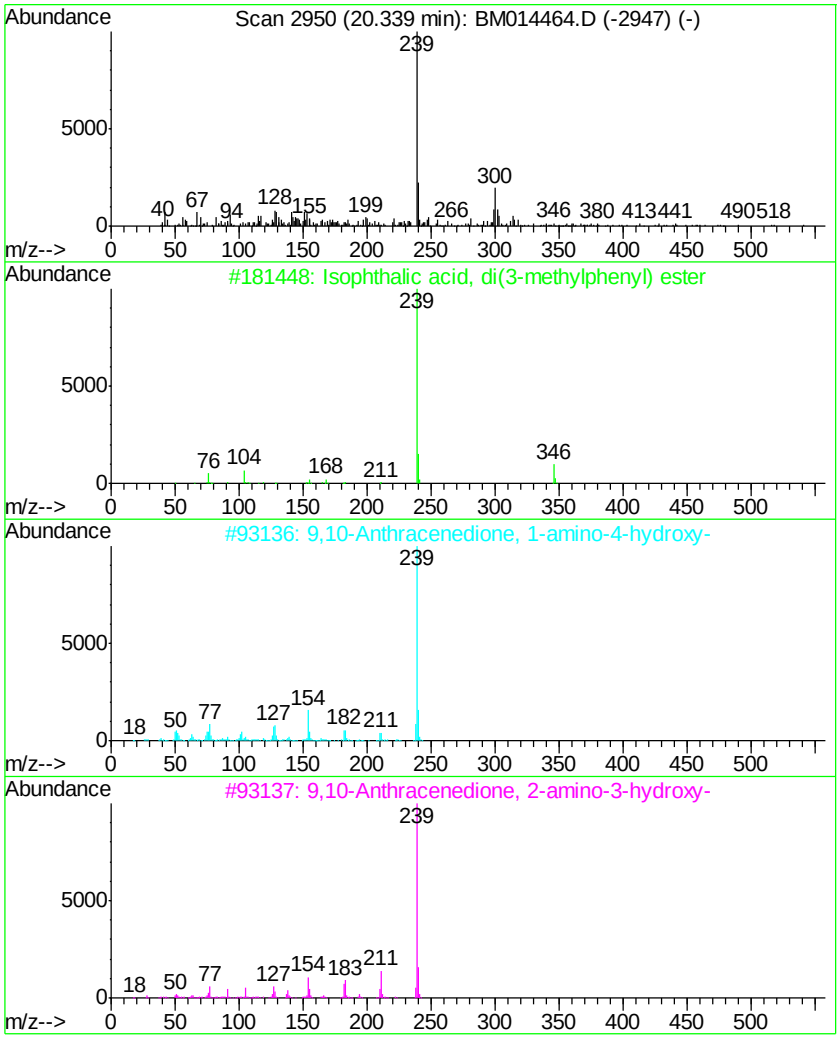
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

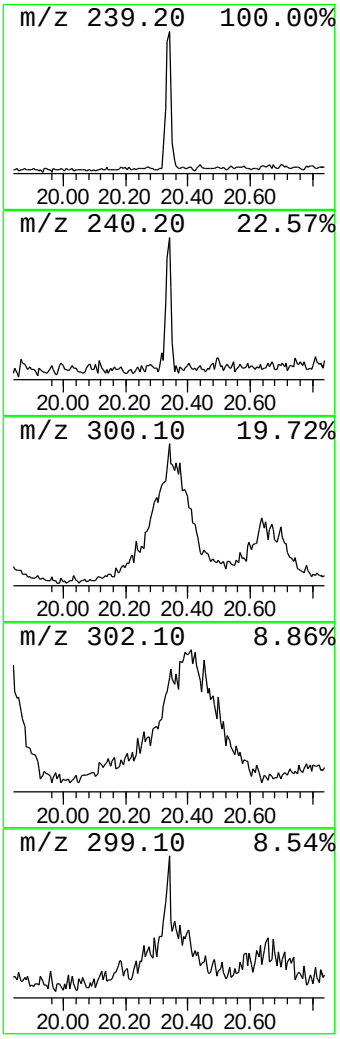
****

Peak Number 5 Isophthalic acid, di(3-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.12 ng/ul	271385	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, di(3-methylphe...	346	C22H18O4	1000344-52-3	53
2	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	50
3	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	42
4	5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	42
5	Phthalic acid, 4-bromophenyl 3-m...	410	C21H15BrO4	1000315-67-3	42





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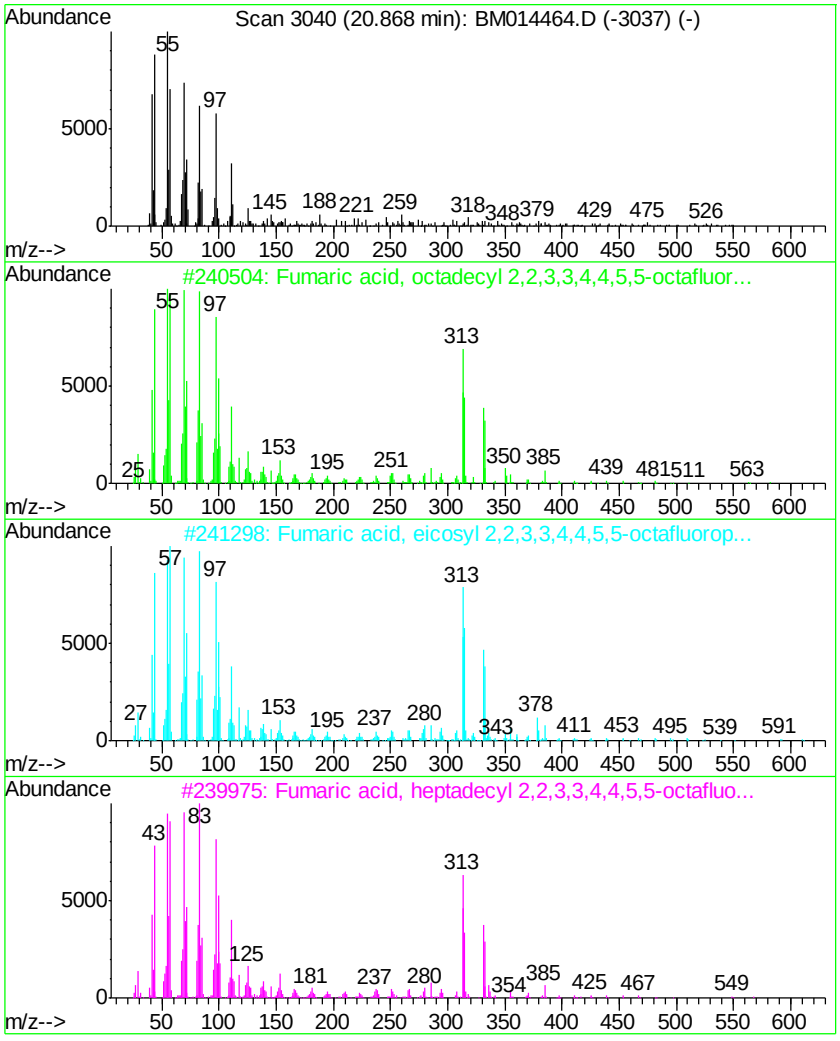
Quant Title : SVOA CALIBRATION

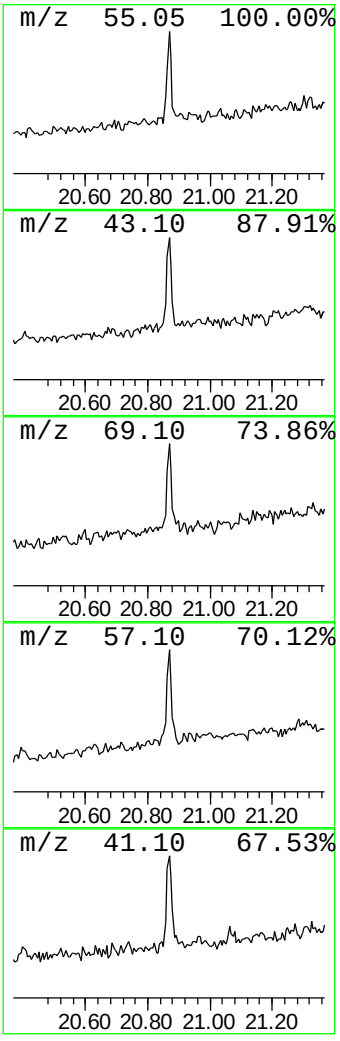
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fumaric acid, octadecyl 2,2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.06 ng/ul	526491	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, octadecyl 2,2,3,3,...	582	C27H42F8O4	1000348-79-4	98
2	Fumaric acid, eicosyl 2,2,3,3,4,...	610	C29H46F8O4	1000348-79-6	91
3	Fumaric acid, heptadecyl 2,2,3,3...	568	C26H40F8O4	1000348-79-3	91
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methoxyacetic aci...	15.90	2.0	ng/ul	153822	4	16.95	1523530	20.0
4H-Cyclopenta[def...	18.02	2.2	ng/ul	169574	4	16.95	1523530	20.0
Retene	19.80	4.0	ng/ul	347009	5	21.17	1738120	20.0
Isophthalic acid,...	20.34	3.1	ng/ul	271385	5	21.17	1738120	20.0
Fumaric acid, oct...	20.87	6.1	ng/ul	526491	5	21.17	1738120	20.0