LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029934.D
Acq On : 11 May 2021 09:23
Operator : CG/JU
Sample : M2197-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARF9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	6.740	651	655	668	rVB3	132286	295039	5.71%	0.692%
2	6.899	677	682	699	rVB	422765	794870	15.39%	1.865%
3	7.087	708	714	728	rVB	527564	907940	17.58%	2.130%
4	7.546	787	792	812	rVB	543279	975989	18.90%	2.290%
5	8.263	909	914	927	rBV	368955	683507	13.24%	1.604%
6	8.705	983	989	1001	rBV	598315	1025107	19.85%	2.405%
7	9.422	1104	1111	1122	rBV	491089	868089	16.81%	2.037%
8	9.957	1195	1202	1219	rBV	629663	1261439	24.43%	2.960%
9	10.322	1257	1264	1275	rBV	843022	1390984	26.94%	3.264%
10	10.487	1286	1292	1304	rBV4	30226	78420	1.52%	0.184%
11	11.487	1456	1462	1470	rVB6	8072	15698	0.30%	0.037%
12	11.934	1533	1538	1547	rVB2	8598	16811	0.33%	0.039%
13	13.028	1720	1724	1728	rBV3	10344	17651	0.34%	0.041%
14	13.104	1732	1737	1742	rVV	24824	42421	0.82%	0.100%
15	13.616	1818	1824	1830	rBV	1678498	2371318	45.92%	5.564%
16	13.663	1830	1832	1841	rVV	82362	119134	2.31%	0.280%
17	13.734	1843	1844	1854	rVB9	6523	9808	0.19%	0.023%
18	13.887	1863	1870	1881	rBV	1826147	2672183	51.75%	6.270%
19	14.075	1897	1902	1906	rBV2	21722	34520	0.67%	0.081%
20	14.110	1906	1908	1913	rVB4	7996	11006	0.21%	0.026%
21	14.198	1913	1923	1935	rBV	1320206	1913779	37.06%	4.490%
22	14.328	1940	1945	1949	rVB7	2964	5895	0.11%	0.014%
23	14.457	1959	1967	1975	rBV3	42153	129394	2.51%	0.304%
24	14.510	1975	1976	1983	rVB6	7920	16345	0.32%	0.038%
25	14.734	2011	2014	2018	rVB4	5349	7910	0.15%	0.019%
26	14.863	2034	2036	2042	rVB7	4848	6941	0.13%	0.016%
27	15.069	2067	2071	2073	rBV4	5190	6787	0.13%	0.016%
28	15.104	2073	2077	2082	rVV3	12399	16903	0.33%	0.040%
29	15.192	2086	2092	2109	rBV	2364389	3477060	67.34%	8.158%
30	15.334	2110	2116	2130	rBV	789349	1163786	22.54%	2.731%
31	15.434	2130	2133	2139	rVB	25531	41117	0.80%	0.096%
32	15.581	2154	2158	2164	rVB9	4973	8368	0.16%	0.020%
33	15.722	2179	2182	2184	rBV4	4818	6096	0.12%	0.014%
34	15.875	2202	2208	2213	rBV8	6210	11835	0.23%	0.028%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : YARF9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Title : SVOA CALIBRATION

35	15.957	2215	2222	2224	rVV5	10507	19588	0.38%	0.046%
36	15.981	2224	2226	2232	rVV4	12869	18531	0.36%	0.043%
37	16.039	2232	2236	2242	rVB6	8851	12127	0.23%	0.028%
38	16.180	2257	2260	2265	rBV	13892	18785	0.36%	0.044%
39	16.269	2270	2275	2279	rVB7	5400	8662	0.17%	0.020%
40	16.422	2297	2301	2305	rBV6	4509	7535	0.15%	0.018%
41	16.557	2320	2324	2329	rVB6	5071	8497	0.16%	0.020%
42	16.622	2331	2335	2339	rVB7	5325	8115	0.16%	0.019%
43	16.722	2349	2352	2356	rBV4	8063	12520	0.24%	0.029%
44	16.945	2383	2390	2400	rBV	1522771	2170426	42.03%	5.093%
45	17.045	2400	2407	2426	rVV	3031409	4328160	83.82%	10.155%
46	17.233	2436	2439	2445	rVB6	15862	30406	0.59%	0.071%
47	17.369	2458	2462	2466	rBV3	28224	40019	0.78%	0.094%
48	17.451	2473	2476	2481	rVB7	11580	14710	0.28%	0.035%
49	17.516	2483	2487	2494	rVB5	24650	35521	0.69%	0.083%
50	17.745	2522	2526	2530	rBV7	9124	11865	0.23%	0.028%
51	17.851	2536	2544	2547	rBV	203484	317221	6.14%	0.744%
52	17.880	2547	2549	2560	rVB	152183	240432	4.66%	0.564%
53	18.045	2574	2577	2583	rVB8	8119	14996	0.29%	0.035%
54	18.251	2609	2612	2618	rBV7	16907	26032	0.50%	0.061%
55	18.533	2658	2660	2665	rVB6	14107	16566	0.32%	0.039%
56	18.974	2732	2735	2740	rVB	33080	42041	0.81%	0.099%
57	19.092	2752	2755	2759	rBV4	16091	20127	0.39%	0.047%
58	19.139	2759	2763	2770	rBV	123187	203051	3.93%	0.476%
59	19.227	2775	2778	2782	rVB	35909	50824	0.98%	0.119%
60	19.339	2791	2797	2812	rBV	3829036	5163634	100.00%	12.116%
61	19.463	2815	2818	2824	rVB3	54357	79368	1.54%	0.186%
62	20.857	3051	3055	3064	rBV	299543	540068	10.46%	1.267%
63	21.133	3097	3102	3108	rBV	1596009	2116126	40.98%	4.965%
64	22.639	3355	3358	3364	rVB	163747	217742	4.22%	0.511%
65	23.151	3438	3445	3455	rVB2	2204643	4242838	82.17%	9.955%
66	23.286	3462	3468	3477	rVB2	1021146	1839056	35.62%	4.315%
67	23.792	3550	3554	3561	rVB	192125	339626	6.58%	0.797%

Sum of corrected areas: 42619365

LSC Report - Integrated Chromatogram

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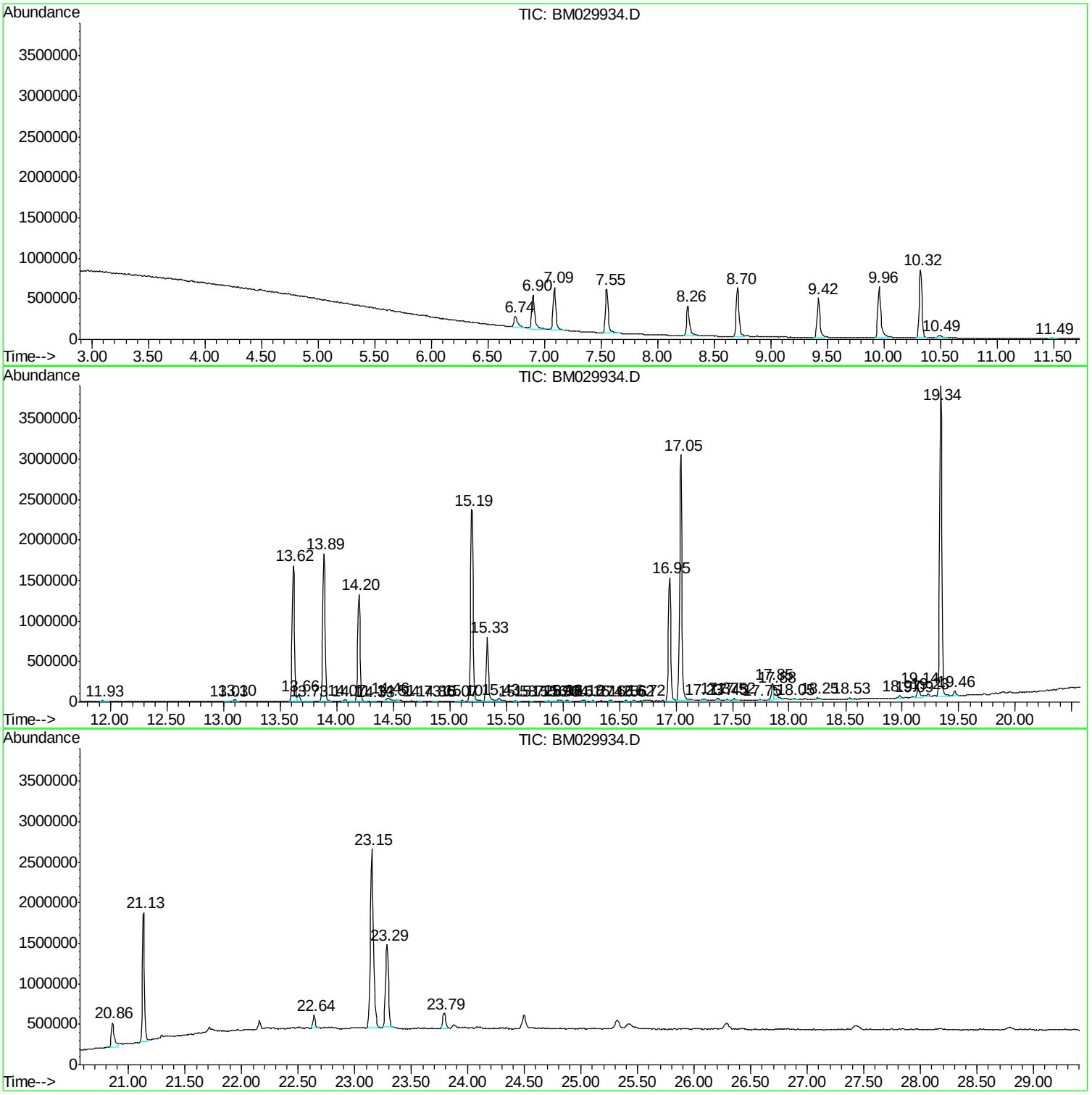
Sample : M2197-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
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Instrument : BNA_M
ClientSampleId : YARF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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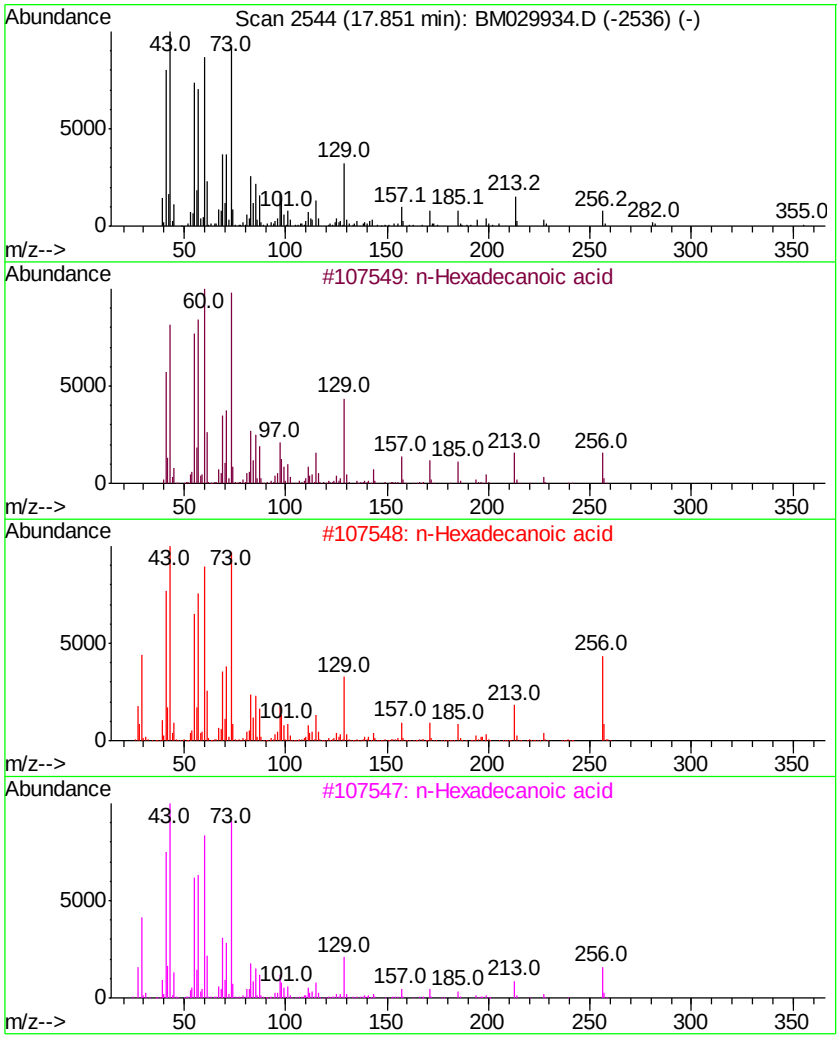
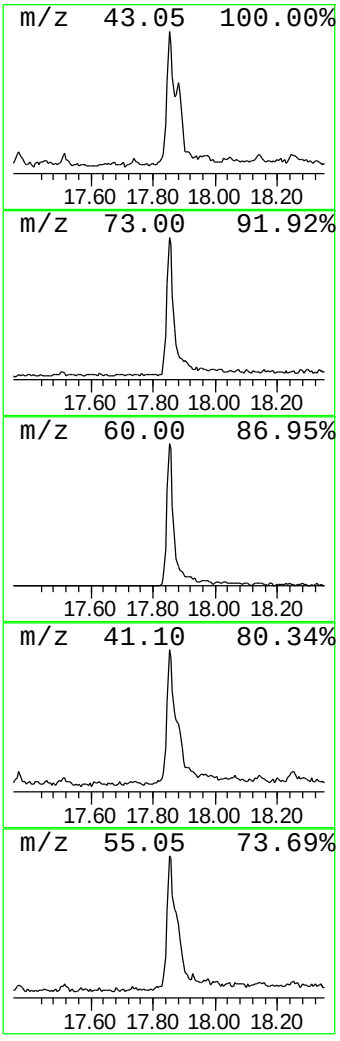
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.92 ng/ul	317221	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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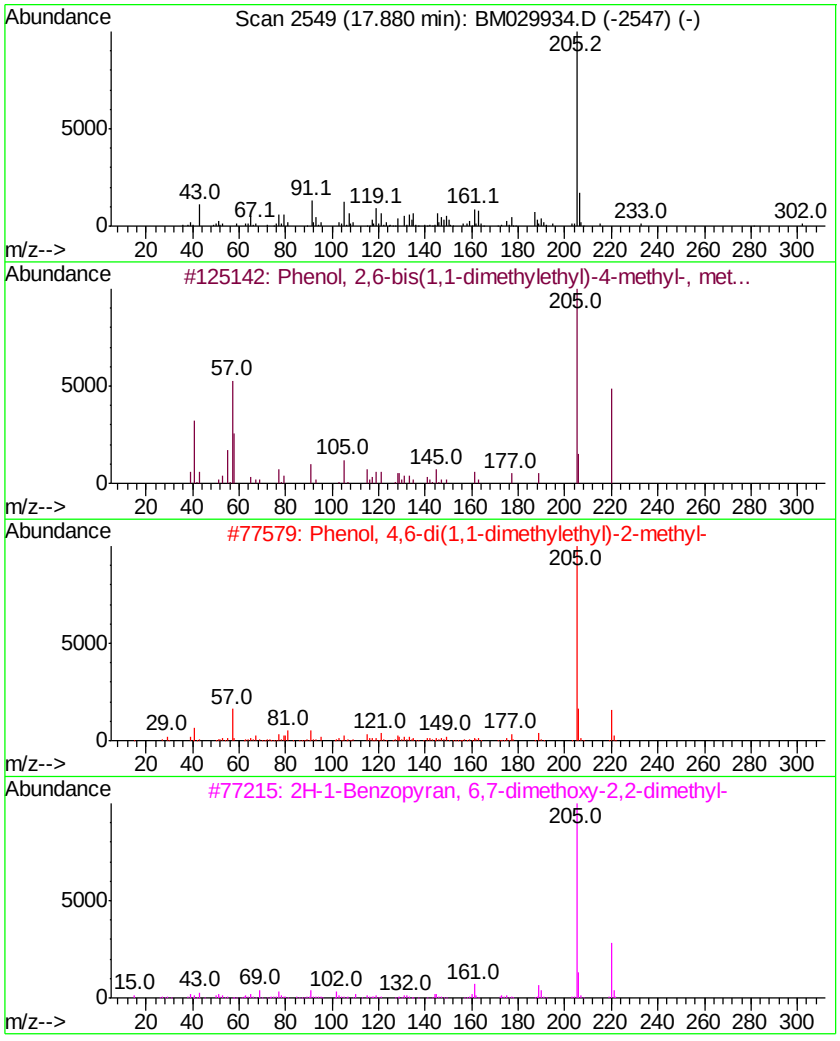
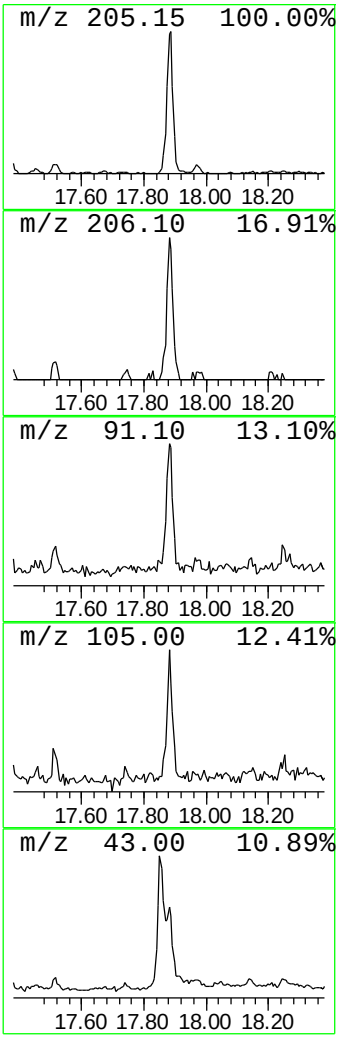
Peak Number 2 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.22 ng/ul	240432	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	277	C17H27NO2	001918-11-2	72
2	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	64
3	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	64
4	2-Isobenzazol, 1,3-dioxo-2-methy...	205	C10H7NO4	114252-71-0	64
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	64





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Quant Title : SVOA CALIBRATION

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

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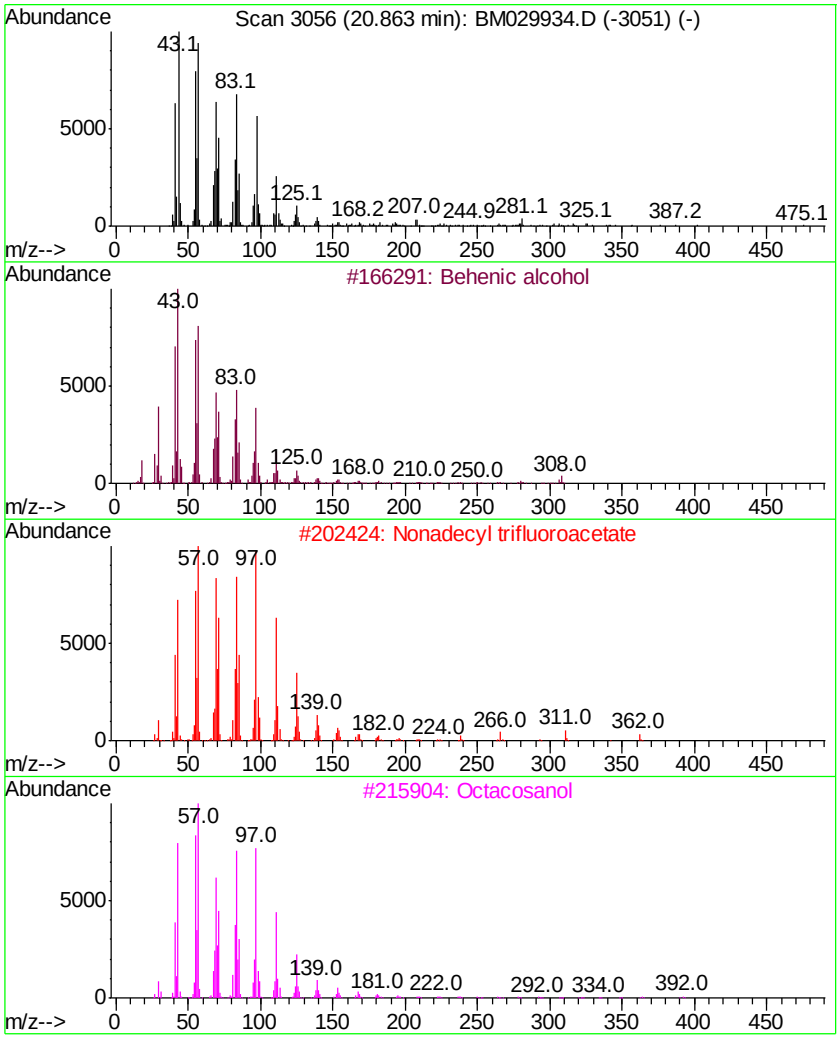
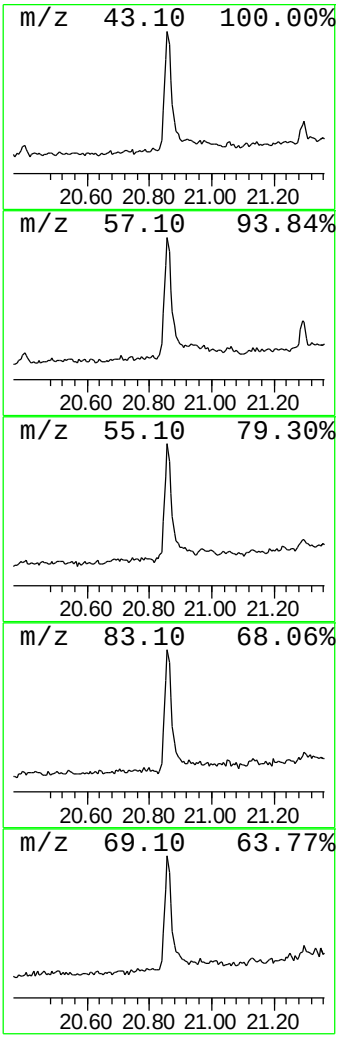
Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.10 ng/ul	540068	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Quant Title : SVOA CALIBRATION

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

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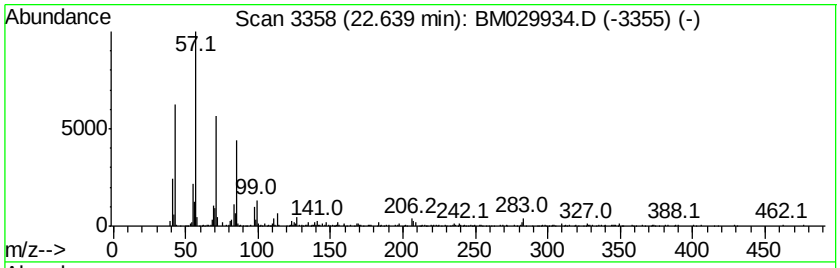
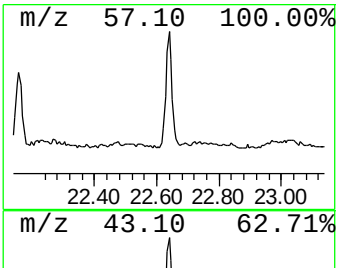
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.37 ng/ul	217742	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octadecane	254	C18H38	000593-45-3	92
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





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ClientSampleId : YARF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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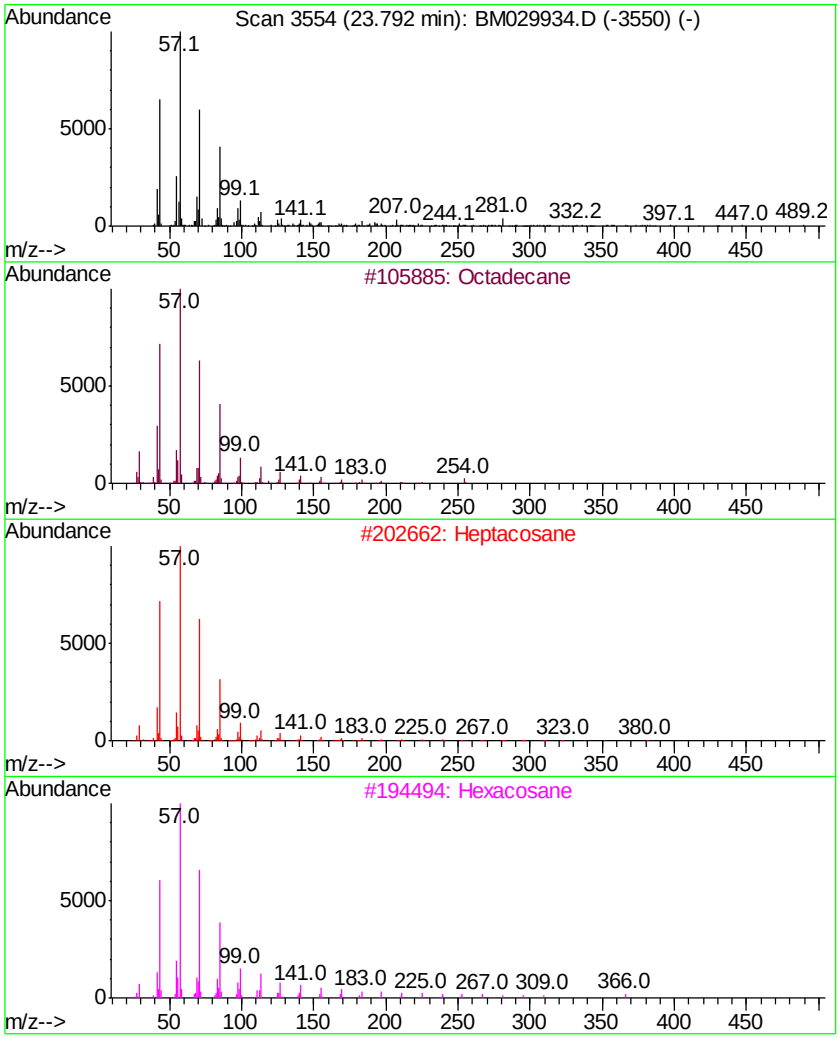
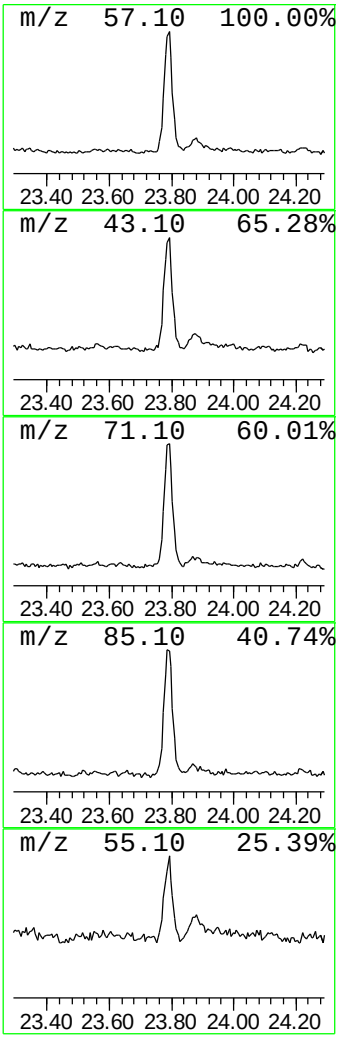
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.69 ng/ul	339626	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.85	2.9	ng/ul	317221	4	16.95	2170430	20.0
Phenol, 2,6-bis(1...	17.88	2.2	ng/ul	240432	4	16.95	2170430	20.0
Behenic alcohol	20.86	5.1	ng/ul	540068	5	21.13	2116130	20.0
(DEL) Alkane: Str...	22.64	2.4	ng/ul	217742	6	23.29	1839060	20.0
(DEL) Alkane: Str...	23.79	3.7	ng/ul	339626	6	23.29	1839060	20.0