LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

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\SOM-EPA-BM102319MA.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	3.164	27	30	35	rVB	94100	125493	1.01%	0.069%
2	3.793	134	137	147	rVB	92254	159632	1.28%	0.088%
3	6.816	644	651	666	rVB2	1667718	3043466	24.42%	1.670%
4	6.981	672	679	695	rBV	1709517	2831360	22.72%	1.553%
5	7.175	705	712	724	rVV	2123227	3392716	27.22%	1.861%
6	7.287	727	731	737	rVB4	28093	54717	0.44%	0.030%
7	7.640	784	791	798	rVB	2167519	3475087	27.88%	1.907%
8	8.346	903	911	925	rBV	1871520	2961670	23.76%	1.625%
9	8.787	974	986	995	rBV	2249406	3711887	29.78%	2.037%
10	8.969	1012	1017	1024	rVB7	22862	45703	0.37%	0.025%
11	9.263	1062	1067	1072	rVB2	55438	86466	0.69%	0.047%
12	9.504	1097	1108	1116	rBV	1676498	2735901	21.95%	1.501%
13	10.040	1191	1199	1209	rBV	2681811	4426676	35.52%	2.429%
14	10.416	1255	1263	1269	rBV	3176504	5287660	42.43%	2.901%
15	10.469	1269	1272	1278	rVB	72259	113191	0.91%	0.062%
16	10.551	1278	1286	1300	rBV	846822	1512148	12.13%	0.830%
17	12.016	1527	1535	1542	rBV2	52084	97757	0.78%	0.054%
18	12.087	1542	1547	1555	rBV	56108	92584	0.74%	0.051%
19	12.310	1580	1585	1593	rVB2	44063	71899	0.58%	0.039%
20	13.134	1718	1725	1729	rBV4	26247	52268	0.42%	0.029%
21	13.616	1799	1807	1811	rVB2	79824	131025	1.05%	0.072%
22	13.704	1816	1822	1826	rVV	4504304	6342209	50.89%	3.480%
23	13.745	1826	1829	1836	rVV	1723245	2371404	19.03%	1.301%
24	13.975	1860	1868	1881	rBV	5989262	8868377	71.16%	4.866%
25	14.286	1914	1921	1929	rBV	4736125	7100051	56.97%	3.896%
26	14.486	1949	1955	1965	rBV	471665	745846	5.98%	0.409%
27	14.633	1975	1980	1985	rBV3	59341	105780	0.85%	0.058%
28	14.710	1985	1993	1999	rVV3	319206	564762	4.53%	0.310%
29	14.910	2021	2027	2033	rVV3	20967	40832	0.33%	0.022%
30	15.116	2059	2062	2066	rVV5	33967	42749	0.34%	0.023%
31	15.175	2066	2072	2076	rVB2	39185	54571	0.44%	0.030%
32	15.280	2083	2090	2096	rBV	7377357	10344555	83.00%	5.676%
33	15.333	2096	2099	2105	rVB2	58769	82423	0.66%	0.045%
34	15.404	2105	2111	2119	rBV	1400475	1979695	15.88%	1.086%

LSC Area Percent Report

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Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

35	15.522	2125	2131	2135	rBV	87380	120312	0.97%	0.066%
36	15.633	2145	2150	2155	rBV	38494	60635	0.49%	0.033%
37	15.780	2171	2175	2182	rVB2	52373	100493	0.81%	0.055%
38	15.869	2184	2190	2197	rVB7	21195	47413	0.38%	0.026%
39	16.033	2215	2218	2220	rVV3	38180	49180	0.39%	0.027%
40	16.063	2220	2223	2228	rVB5	52372	72461	0.58%	0.040%
41	16.580	2306	2311	2314	rBV3	54152	88457	0.71%	0.049%
42	16.616	2314	2317	2320	rVV2	33659	46851	0.38%	0.026%
43	16.686	2324	2329	2338	rVB	125066	228051	1.83%	0.125%
44	16.774	2338	2344	2348	rBV3	51813	105998	0.85%	0.058%
45	16.822	2348	2352	2354	rVV3	44956	65935	0.53%	0.036%
46	16.845	2354	2356	2361	rVB	66363	83425	0.67%	0.046%
47	17.027	2381	2387	2391	rBV2	5041051	7419389	59.53%	4.071%
48	17.069	2391	2394	2399	rVV	1594303	2226690	17.87%	1.222%
49	17.127	2399	2404	2415	rVV2	7114933	10079818	80.88%	5.530%
50	17.227	2417	2421	2426	rVB6	60222	99352	0.80%	0.055%
51	17.433	2447	2456	2460	rBV	136603	244631	1.96%	0.134%
52	17.480	2460	2464	2470	rVV5	33595	70984	0.57%	0.039%
53	17.557	2473	2477	2481	rVV2	82276	120152	0.96%	0.066%
54	17.616	2483	2487	2497	rVB7	44706	83346	0.67%	0.046%
55	17.904	2531	2536	2540	rBV	226825	334062	2.68%	0.183%
56	17.951	2540	2544	2551	rVV	503592	743488	5.97%	0.408%
57	18.033	2554	2558	2563	rVV3	69957	126844	1.02%	0.070%
58	18.098	2563	2569	2573	rVV2	240183	445795	3.58%	0.245%
59	18.133	2573	2575	2581	rVB	159711	208434	1.67%	0.114%
60	18.257	2593	2596	2600	rVB4	57157	74551	0.60%	0.041%
61	18.410	2617	2622	2625	rBV	248477	363057	2.91%	0.199%
62	18.445	2625	2628	2633	rVB	208228	273224	2.19%	0.150%
63	18.663	2661	2665	2669	rBV2	56409	66872	0.54%	0.037%
64	18.715	2670	2674	2676	rBV	70643	80141	0.64%	0.044%
65	18.751	2677	2680	2684	rVB	67266	82445	0.66%	0.045%
66	18.827	2688	2693	2699	rBV	219865	378736	3.04%	0.208%
67	18.892	2700	2704	2707	rBV3	108068	150493	1.21%	0.083%
68	18.968	2713	2717	2726	rVB	201404	315210	2.53%	0.173%
69	19.092	2728	2738	2744	rBV	4463677	6104637	48.98%	3.349%
70	19.163	2747	2750	2753	rBV2	48076	58701	0.47%	0.032%
71	19.239	2760	2763	2767	rVB2	75454	96675	0.78%	0.053%

LSC Area Percent Report

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Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

72	19.427	2789	2795	2798	rBV	8744077	12463256	100.00%	6.838%
73	19.451	2798	2799	2808	rVV	3329141	3640064	29.21%	1.997%
74	19.527	2809	2812	2820	rVB2	171468	294854	2.37%	0.162%
75	19.639	2827	2831	2836	rBV	256940	309833	2.49%	0.170%
76	19.792	2850	2857	2862	rBV2	255377	668521	5.36%	0.367%
77	19.921	2874	2879	2882	rBV4	216955	417950	3.35%	0.229%
78	20.010	2891	2894	2898	rBV	204487	230010	1.85%	0.126%
79	20.110	2906	2911	2917	rBV2	348085	576012	4.62%	0.316%
80	20.251	2932	2935	2939	rBV	132943	170521	1.37%	0.094%
81	20.298	2939	2943	2948	rBV3	136640	248861	2.00%	0.137%
82	20.509	2976	2979	2984	rVB3	179819	183013	1.47%	0.100%
83	20.698	3008	3011	3019	rVB	480536	644934	5.17%	0.354%
84	20.862	3035	3039	3043	rBV2	294899	448400	3.60%	0.246%
85	20.904	3043	3046	3049	rBV	309948	360911	2.90%	0.198%
86	20.962	3050	3056	3061	rBV3	2776120	4365554	35.03%	2.395%
87	21.215	3093	3099	3103	rBV2	6066229	10529185	84.48%	5.777%
88	21.257	3103	3106	3114	rVB	2097898	2767820	22.21%	1.519%
89	21.409	3129	3132	3140	rVB4	392101	478856	3.84%	0.263%
90	21.839	3201	3205	3216	rVB2	1982457	3480938	27.93%	1.910%
91	22.298	3280	3283	3287	rVB	471739	553761	4.44%	0.304%
92	22.762	3357	3362	3365	rBV	1603962	3146331	25.24%	1.726%
93	22.798	3365	3368	3372	rVV	2074936	3562969	28.59%	1.955%
94	22.839	3372	3375	3385	rVB2	2211811	3486465	27.97%	1.913%
95	23.227	3437	3441	3444	rBV	712186	1183251	9.49%	0.649%
96	23.280	3444	3450	3455	rVV	4800852	8250388	66.20%	4.527%
97	23.415	3467	3473	3479	rBV	3660659	6535572	52.44%	3.586%
98	24.003	3568	3573	3579	rVB	1107675	1981851	15.90%	1.087%
99	24.080	3581	3586	3598	rVB	1719002	3564628	28.60%	1.956%
100	25.609	3840	3846	3858	rVB3	1204211	3344658	26.84%	1.835%

Sum of corrected areas: 182258865

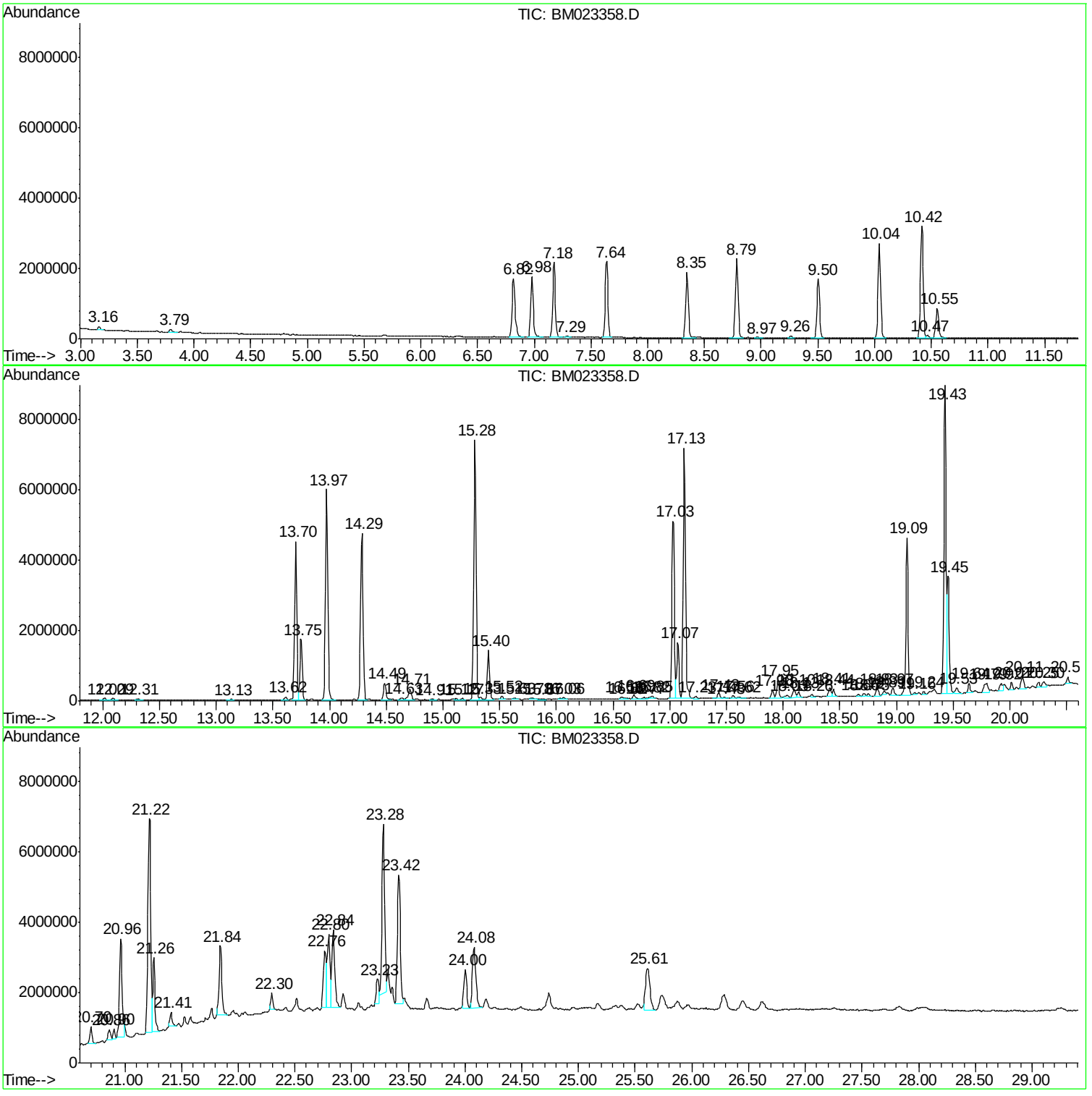
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
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Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

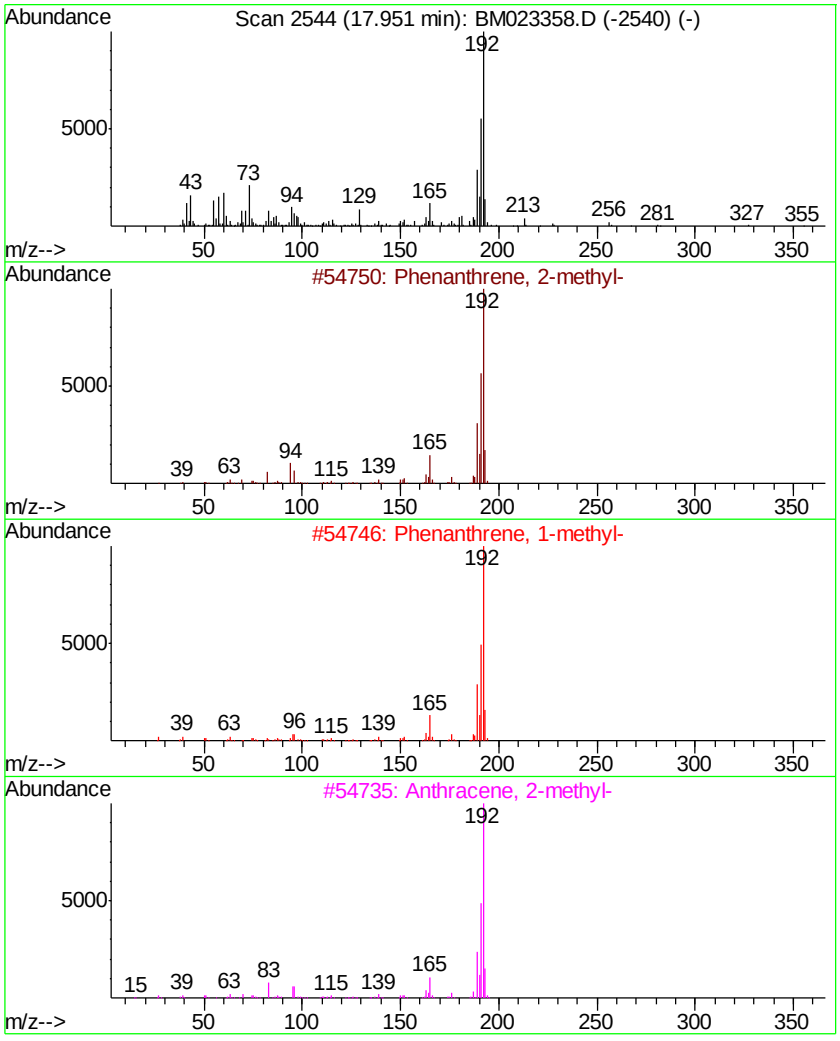
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

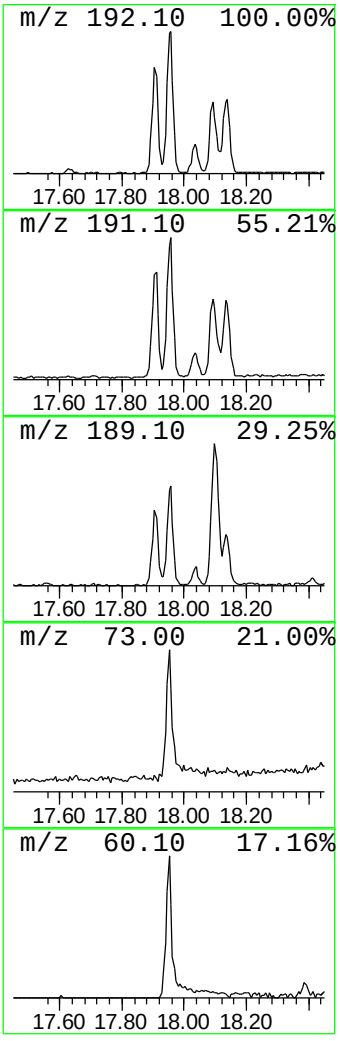
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.00 ng/ul	743488	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

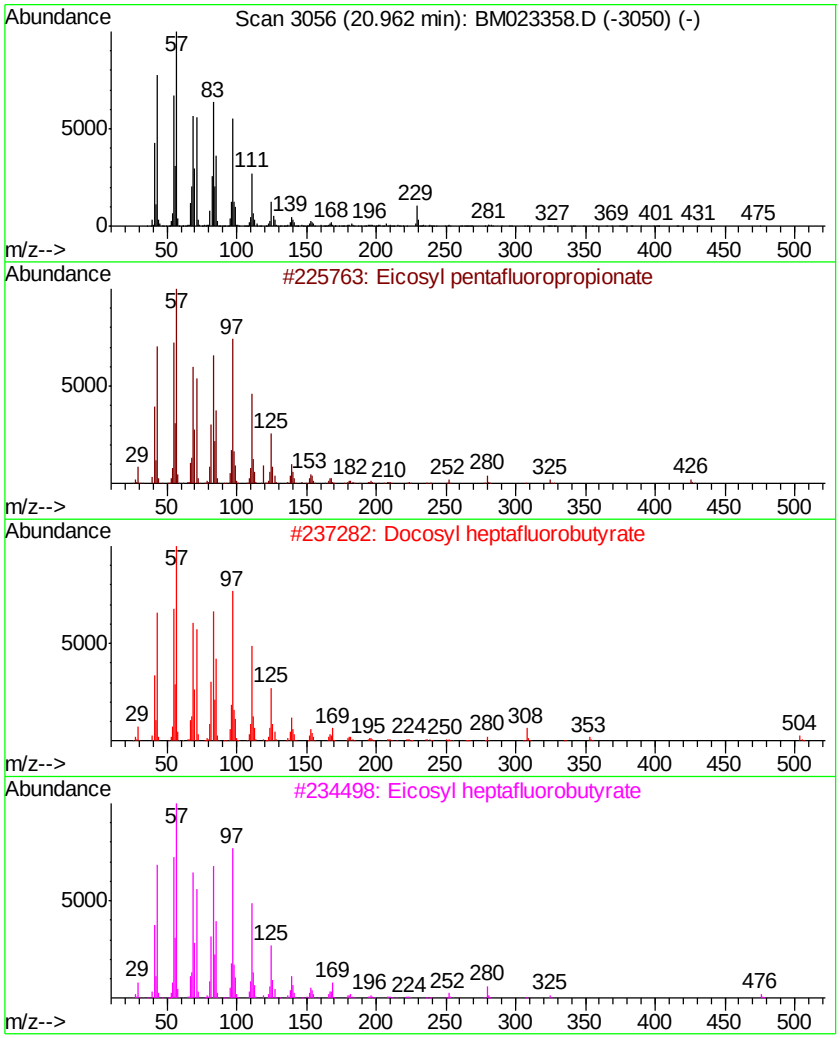
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

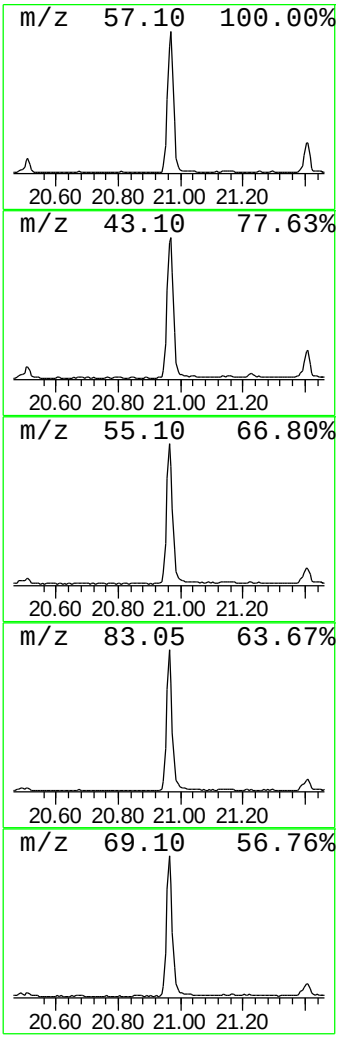
****

Peak Number 2 Eicosyl pentafluoropropionate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	8.29 ng/ul	4365550	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
2	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	91
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





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Instrument : BNA_M
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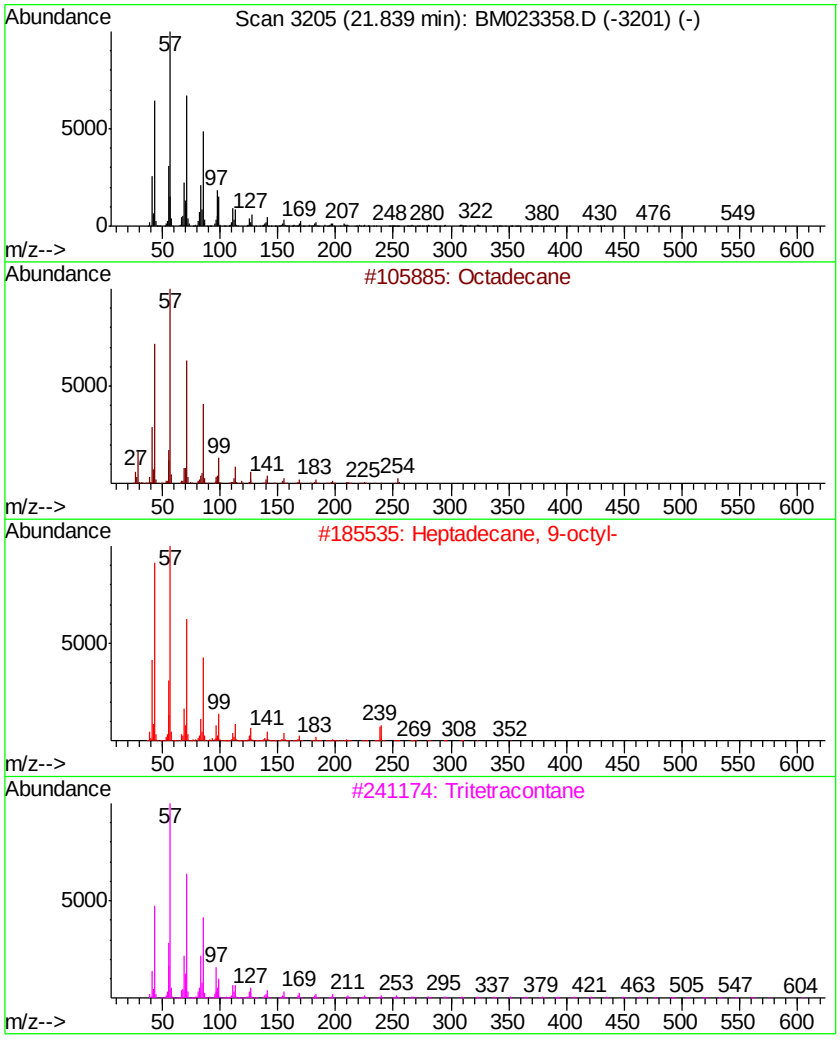
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

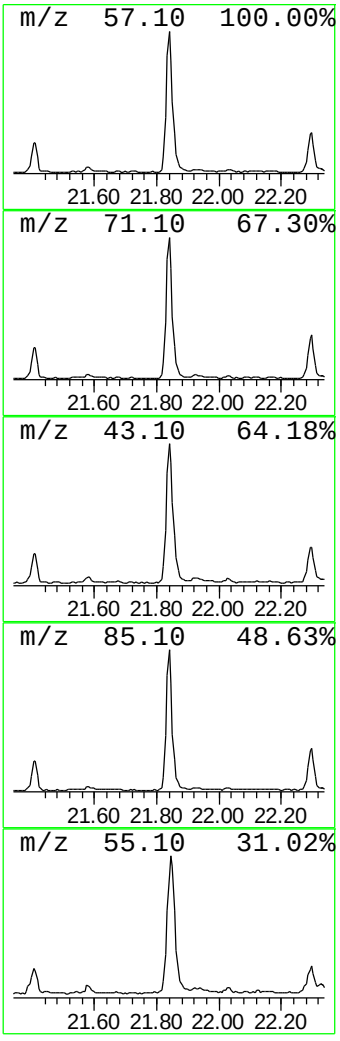
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	6.61 ng/ul	3480940	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90





Library Search Compound Report

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Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

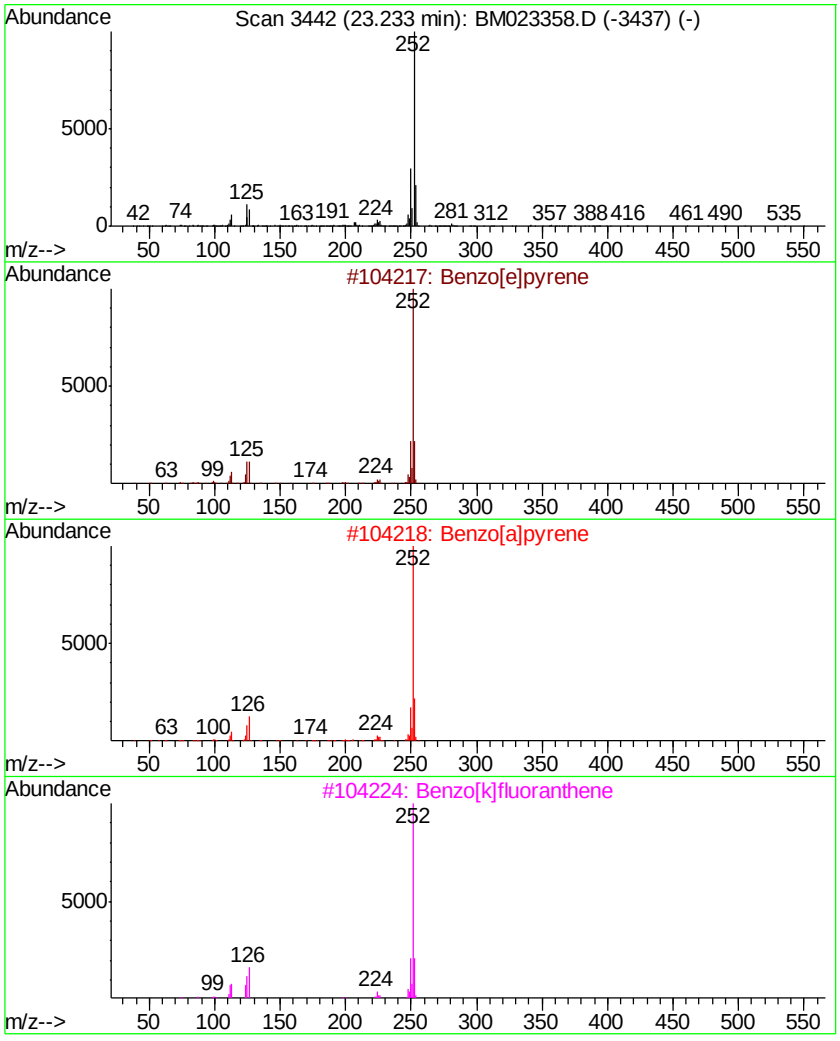
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

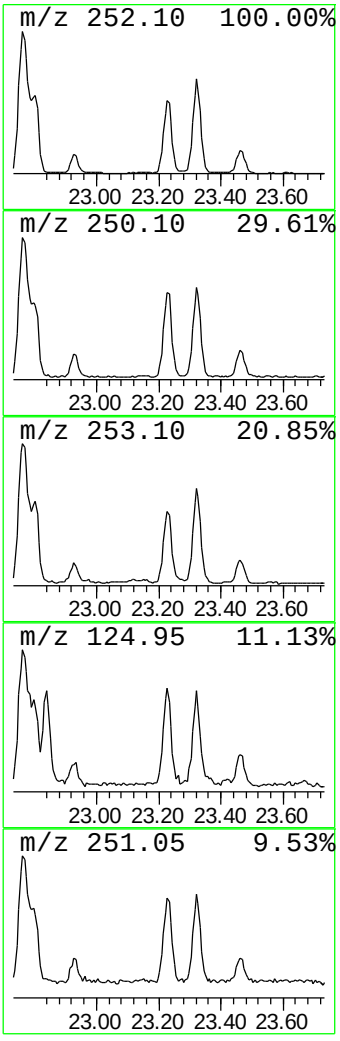
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.62 ng/ul	1183250	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

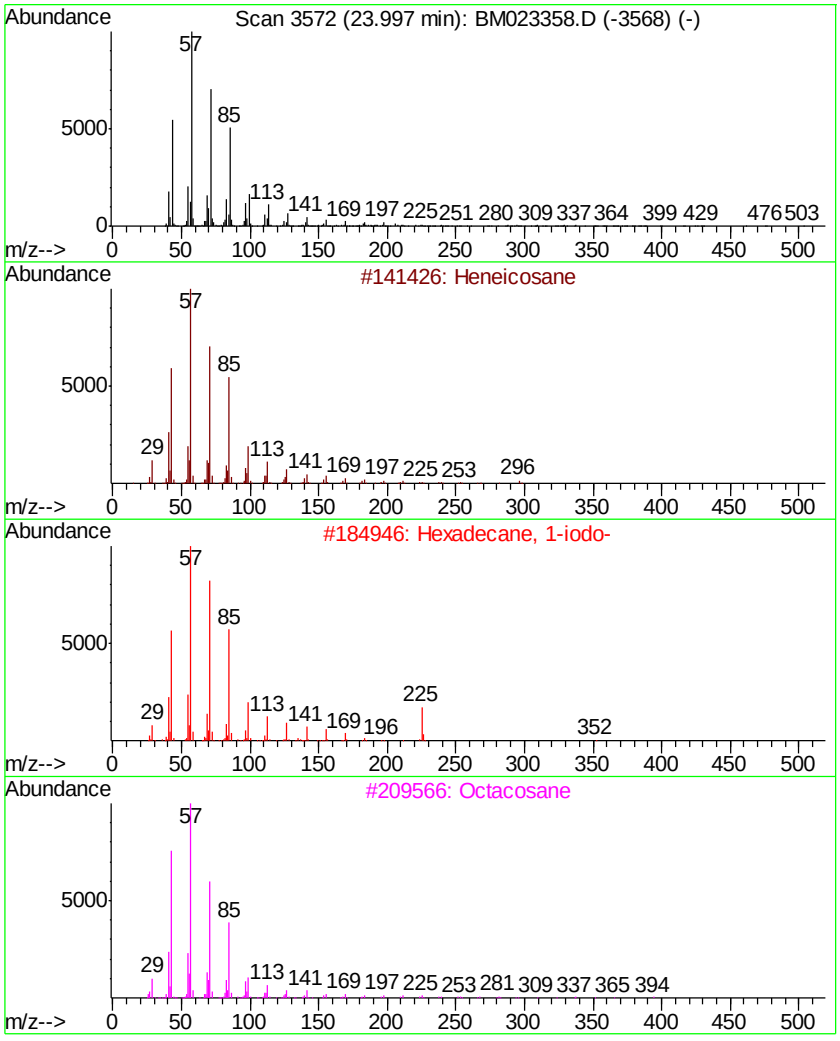
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

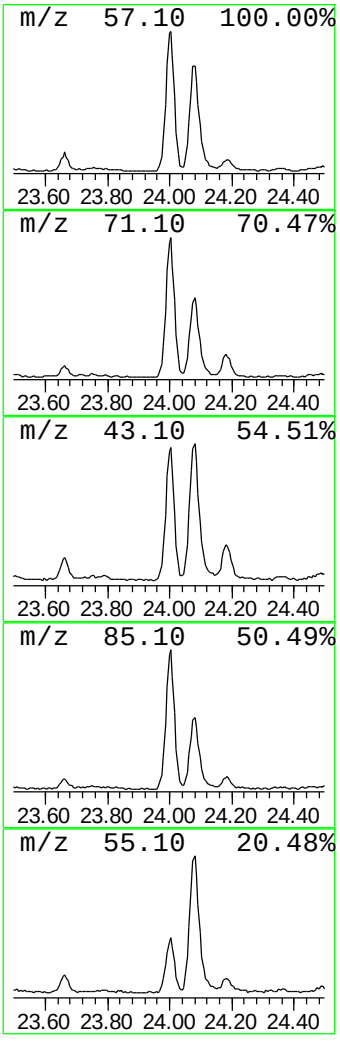
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	6.06 ng/ul	1981850	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3	Octacosane	394	C28H58	000630-02-4	95
4	Tetracosane	338	C24H50	000646-31-1	94
5	Hexacosane	366	C26H54	000630-01-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

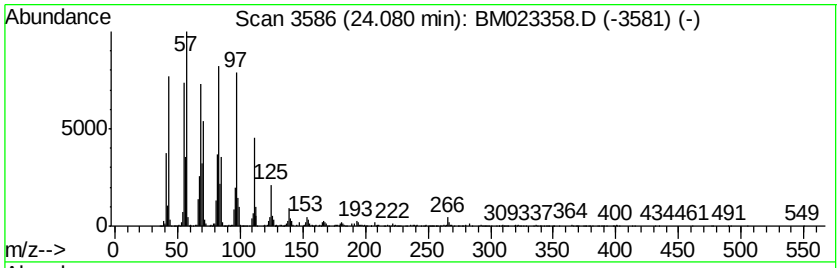
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

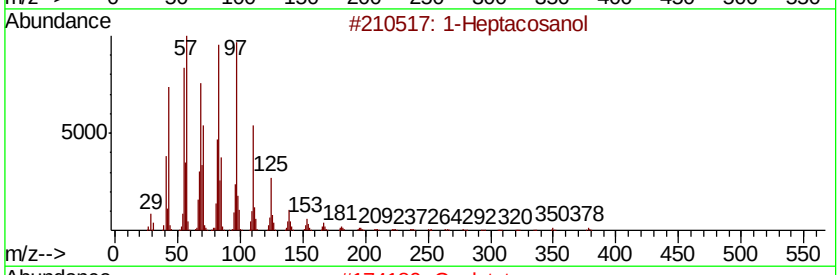
****

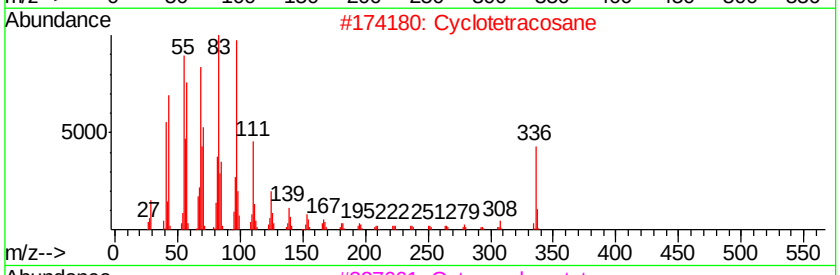
Peak Number 6 1-Heptacosanol Concentration Rank 1

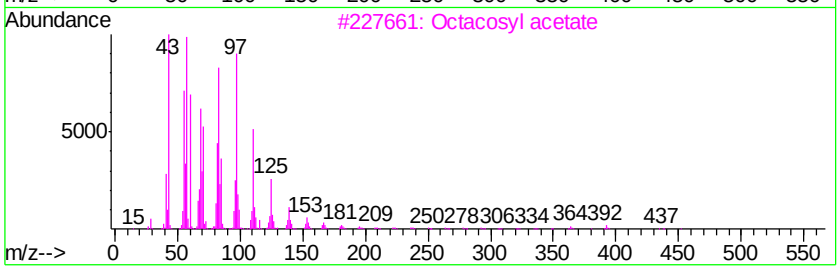
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	10.91 ng/ul	3564630	Perylene-d12	23.42

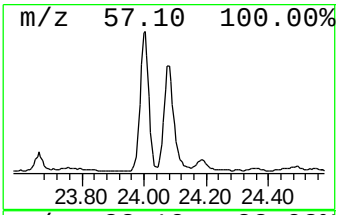
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Octacosyl acetate	452	C30H60O2	018206-97-8	94
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	94

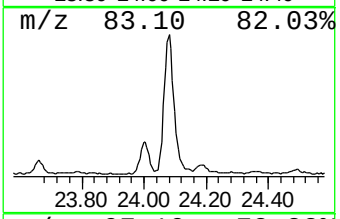


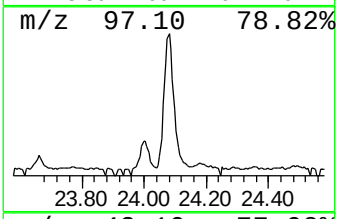


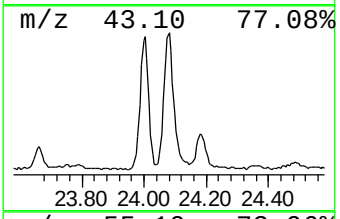


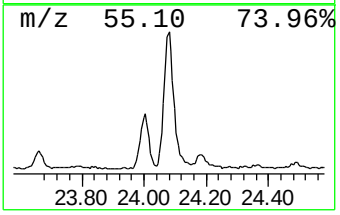












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023358.D
Acq On : 24 Oct 2019 00:58
Operator : JU
Sample : K5378-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Phenanthrene, 2-m...	17.95	2.0	ng/ul	743488	4	17.03	7419390	20.0
Eicosyl pentafluo...	20.96	8.3	ng/ul	4365550	5	21.22	10529200	20.0
(DEL) Alkane: Str...	21.84	6.6	ng/ul	3480940	5	21.22	10529200	20.0
Benzo[e]pyrene	23.23	3.6	ng/ul	1183250	6	23.42	6535570	20.0
(DEL) Alkane: Str...	24.00	6.1	ng/ul	1981850	6	23.42	6535570	20.0
1-Heptacosanol	24.08	10.9	ng/ul	3564630	6	23.42	6535570	20.0