LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

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_P\METHODS\SFAM-EPA-BP081021.M
Title : SVOA CALIBRATION

Signal : TIC: BP006644.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.640	91	94	107	rBV	247270	382305	6.38%	0.509%
2	3.740	107	111	117	rVB	164274	213652	3.57%	0.284%
3	6.899	643	648	655	rVB	494967	744459	12.42%	0.991%
4	7.063	671	676	689	rVB	404770	649786	10.84%	0.865%
5	7.252	702	708	718	rVB	530964	843899	14.08%	1.124%
6	7.346	720	724	733	rVB3	66566	145447	2.43%	0.194%
7	7.716	781	787	794	rVB	803900	1241397	20.72%	1.653%
8	8.434	903	909	915	rBV	503050	807240	13.47%	1.075%
9	8.875	977	984	991	rBV	517901	837889	13.98%	1.116%
10	8.946	992	996	1003	rVB	85584	122786	2.05%	0.163%
11	9.593	1099	1106	1118	rBV	417199	721265	12.04%	0.960%
12	10.128	1188	1197	1207	rVB	615188	1036058	17.29%	1.380%
13	10.299	1219	1226	1234	rBV	652883	1061487	17.71%	1.413%
14	10.499	1252	1260	1266	rBV	1113352	2023193	33.76%	2.694%
15	10.552	1266	1269	1276	rVB	156290	234899	3.92%	0.313%
16	10.652	1278	1286	1296	rBV2	253778	542484	9.05%	0.722%
17	11.540	1431	1437	1441	rBV	71943	114008	1.90%	0.152%
18	11.940	1498	1505	1513	rVV	147122	211328	3.53%	0.281%
19	12.169	1537	1544	1550	rVB	173194	284474	4.75%	0.379%
20	12.387	1575	1581	1587	rVV	86759	136611	2.28%	0.182%
21	13.193	1710	1718	1723	rBV	227318	326831	5.45%	0.435%
22	13.269	1725	1731	1739	rVV	124196	209735	3.50%	0.279%
23	13.534	1774	1776	1781	rVV3	61529	82949	1.38%	0.110%
24	13.675	1795	1800	1805	rVV2	88894	148281	2.47%	0.197%
25	13.728	1805	1809	1812	rVV	74003	100425	1.68%	0.134%
26	13.775	1812	1817	1825	rVV	1012919	1441457	24.06%	1.919%
27	13.910	1834	1840	1844	rBV2	47765	92336	1.54%	0.123%
28	14.045	1856	1863	1879	rVB2	1181541	2128550	35.52%	2.834%
29	14.269	1893	1901	1906	rVB	198909	262628	4.38%	0.350%
30	14.357	1906	1916	1922	rBV	1598697	2426239	40.49%	3.231%
31	14.569	1947	1952	1961	rVV	516657	764352	12.76%	1.018%
32	14.757	1980	1984	1993	rVV	111418	203759	3.40%	0.271%
33	14.981	2014	2022	2026	rBV4	38572	86222	1.44%	0.115%
34	15.151	2045	2051	2059	rVV5	33127	85156	1.42%	0.113%
35	15.228	2059	2064	2068	rVV	211680	266586	4.45%	0.355%
36	15.351	2078	2085	2091	rVV	1494526	2128885	35.53%	2.835%

LSC Area Percent Report

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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

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_P\METHODS\SFAM-EPA-BP081021.M
Title : SVOA CALIBRATION

37	15.481	2102	2107	2113	rVV	373569	519411	8.67%	0.692%
38	15.634	2129	2133	2138	rVV3	48977	81773	1.36%	0.109%
39	15.704	2138	2145	2152	rVV2	79148	161894	2.70%	0.216%
40	15.851	2166	2170	2178	rVB3	61297	137473	2.29%	0.183%
41	15.939	2178	2185	2190	rBV4	46411	86389	1.44%	0.115%
42	16.092	2205	2211	2218	rBV	268385	410944	6.86%	0.547%
43	16.769	2321	2326	2333	rVB2	120953	201113	3.36%	0.268%
44	16.839	2333	2338	2342	rBV2	64385	116634	1.95%	0.155%
45	16.886	2342	2346	2351	rVV	232887	305504	5.10%	0.407%
46	16.934	2351	2354	2362	rVB3	55445	91463	1.53%	0.122%
47	17.116	2378	2385	2388	rBV	1784118	2607060	43.51%	3.471%
48	17.151	2388	2391	2396	rVV	616688	831072	13.87%	1.107%
49	17.210	2396	2401	2405	rVV2	1522708	2108654	35.19%	2.808%
50	17.245	2405	2407	2412	rVB	200946	227947	3.80%	0.304%
51	17.304	2412	2417	2422	rBV3	54227	97535	1.63%	0.130%
52	17.428	2434	2438	2445	rVV	117778	170714	2.85%	0.227%
53	17.522	2450	2454	2457	rVV	71026	107709	1.80%	0.143%
54	17.633	2468	2473	2477	rVV2	230583	313384	5.23%	0.417%
55	17.698	2480	2484	2492	rVB	79548	126737	2.11%	0.169%
56	17.804	2497	2502	2505	rBV2	177072	221247	3.69%	0.295%
57	17.986	2525	2533	2536	rVV	169678	311690	5.20%	0.415%
58	18.028	2536	2540	2548	rVV2	584846	919344	15.34%	1.224%
59	18.110	2549	2554	2558	rVV2	76794	143456	2.39%	0.191%
60	18.163	2559	2563	2568	rVV3	216647	382818	6.39%	0.510%
61	18.210	2568	2571	2576	rVB	151788	190929	3.19%	0.254%
62	18.304	2581	2587	2594	rBV2	259591	451617	7.54%	0.601%
63	18.475	2611	2616	2619	rBV	228002	288510	4.81%	0.384%
64	18.510	2619	2622	2633	rVB2	122840	212450	3.55%	0.283%
65	18.757	2661	2664	2668	rBV	73560	85045	1.42%	0.113%
66	18.880	2679	2685	2688	rBV2	197614	322916	5.39%	0.430%
67	18.922	2688	2692	2693	rBV	274845	315634	5.27%	0.420%
68	18.939	2693	2695	2698	rVB	318488	315306	5.26%	0.420%
69	19.010	2703	2707	2714	rVB	125581	210329	3.51%	0.280%
70	19.075	2714	2718	2720	rBV	96187	110496	1.84%	0.147%
71	19.133	2722	2728	2733	rVV	1797962	2458045	41.02%	3.273%
72	19.198	2736	2739	2742	rVV	92042	104811	1.75%	0.140%
73	19.275	2747	2752	2756	rVB2	140842	262404	4.38%	0.349%
74	19.457	2778	2783	2785	rBV	2167595	2837318	47.35%	3.778%
75	19.486	2785	2788	2796	rVV	1881606	2451546	40.91%	3.264%
76	19.557	2796	2800	2806	rVB2	130384	204569	3.41%	0.272%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

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_P\METHODS\SFAM-EPA-BP081021.M
Title : SVOA CALIBRATION

77	19.663	2814	2818	2823	rVB	92030	140023	2.34%	0.186%
78	19.798	2836	2841	2851	rBV6	189716	491447	8.20%	0.654%
79	19.933	2859	2864	2866	rBV4	152065	266135	4.44%	0.354%
80	19.969	2866	2870	2873	rVV2	337922	478565	7.99%	0.637%
81	20.004	2873	2876	2879	rVB	201198	201912	3.37%	0.269%
82	20.069	2883	2887	2890	rBV	251101	331688	5.54%	0.442%
83	20.122	2891	2896	2900	rVB3	208052	331922	5.54%	0.442%
84	20.486	2955	2958	2961	rBV	152215	157009	2.62%	0.209%
85	20.698	2991	2994	3000	rVB	348617	463120	7.73%	0.617%
86	20.904	3026	3029	3031	rBV	162497	182550	3.05%	0.243%
87	20.939	3031	3035	3041	rVV3	775357	1102852	18.40%	1.468%
88	20.992	3041	3044	3050	rVB	270641	353912	5.91%	0.471%
89	21.139	3066	3069	3072	rVB	480076	457608	7.64%	0.609%
90	21.210	3075	3081	3085	rVV3	2670289	5076070	84.71%	6.759%
91	21.251	3085	3088	3094	rVB	1511536	1932192	32.24%	2.573%
92	21.369	3104	3108	3113	rBV2	265962	440247	7.35%	0.586%
93	21.827	3182	3186	3194	rBV3	392151	818729	13.66%	1.090%
94	22.839	3350	3358	3373	rBV2	1854466	5992332	100.00%	7.979%
95	23.327	3436	3441	3445	rBV	688154	1199080	20.01%	1.597%
96	23.380	3445	3450	3454	rVV2	1125983	2079843	34.71%	2.769%
97	23.427	3454	3458	3467	rVB	1136322	2222720	37.09%	2.960%
98	23.527	3469	3475	3481	rBV2	1356428	2684451	44.80%	3.574%
99	24.145	3576	3580	3588	rVB	451701	832579	13.89%	1.109%
100	25.910	3874	3880	3892	rVB2	772670	2253282	37.60%	3.000%

Sum of corrected areas: 75103216

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006644.D
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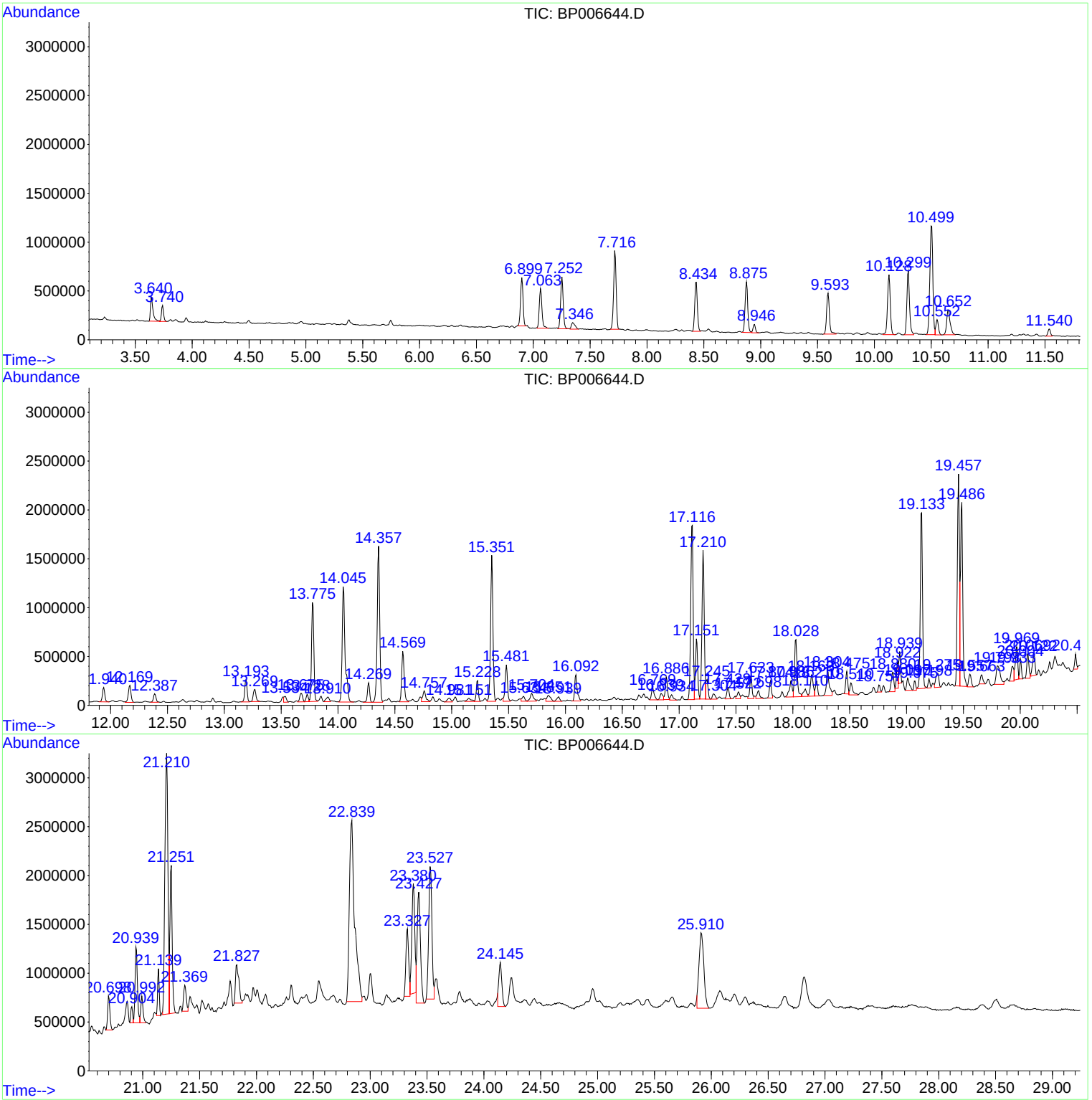
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
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Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

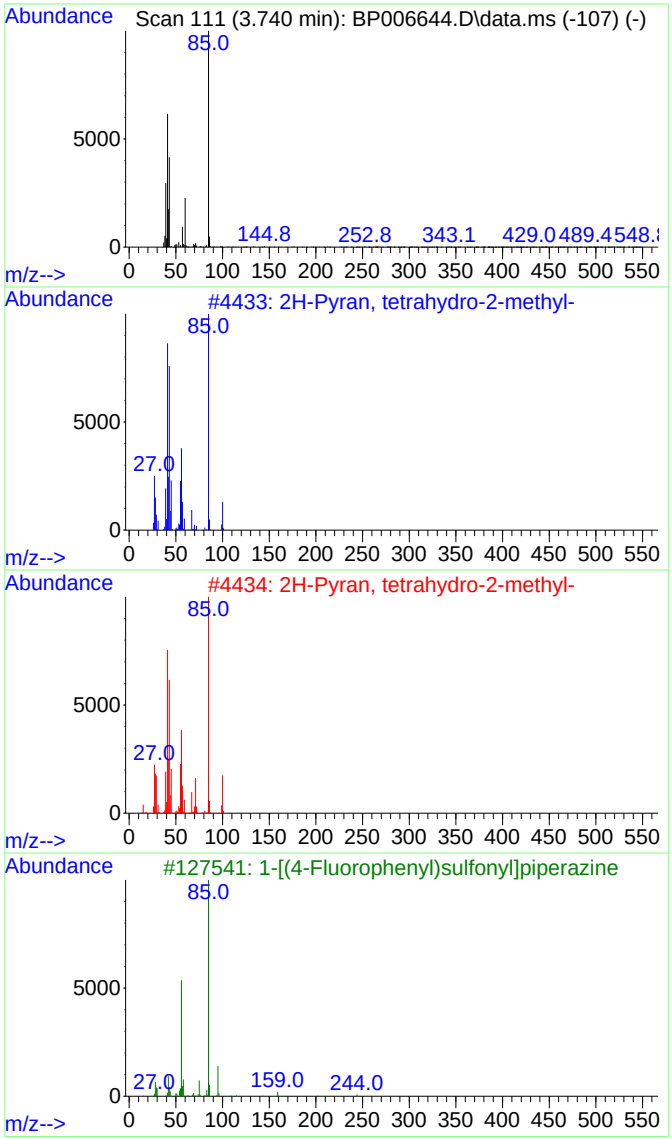
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

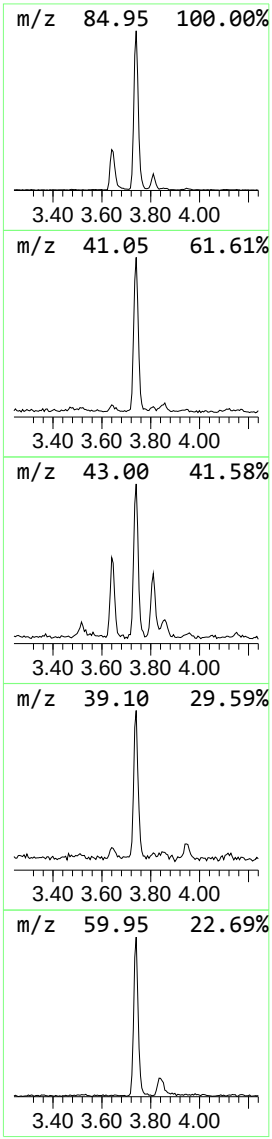
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.740	3.44 ng/ul	213652	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	1-[(4-Fluorophenyl)sulfonyl]pipe...	244	C10H13FN2O2S	1000486-20-7	33
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	9





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Data File : BP006644.D
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Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C8

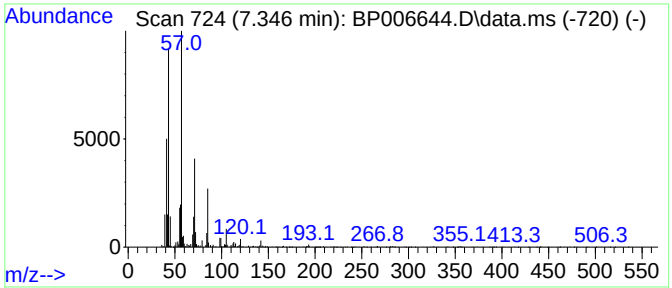
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

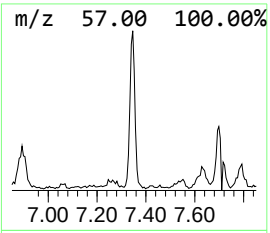
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

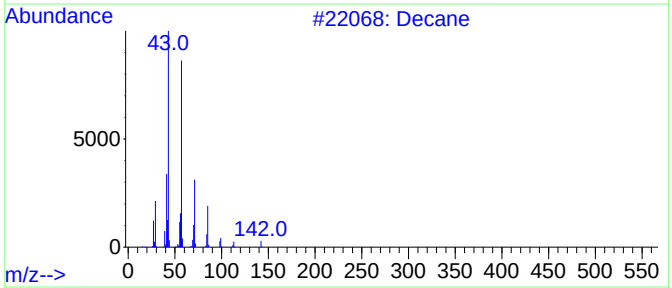
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

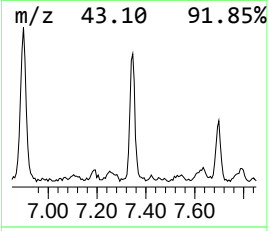
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.350	2.34 ng/ul	145447	1,4-Dichlorobenzene-d4	7.716

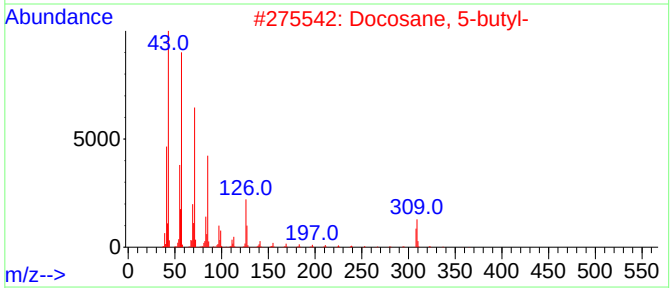
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
5	Undecane	156	C11H24	001120-21-4	78

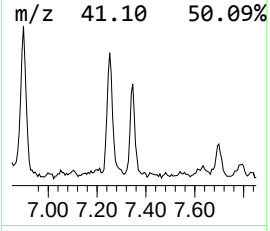


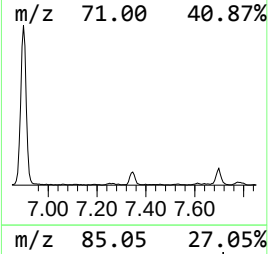


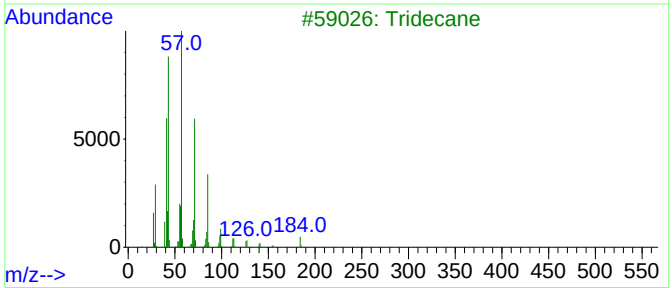


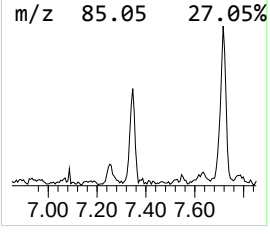












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Misc :
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Instrument : BNA_P
ClientSampleId : C00C8

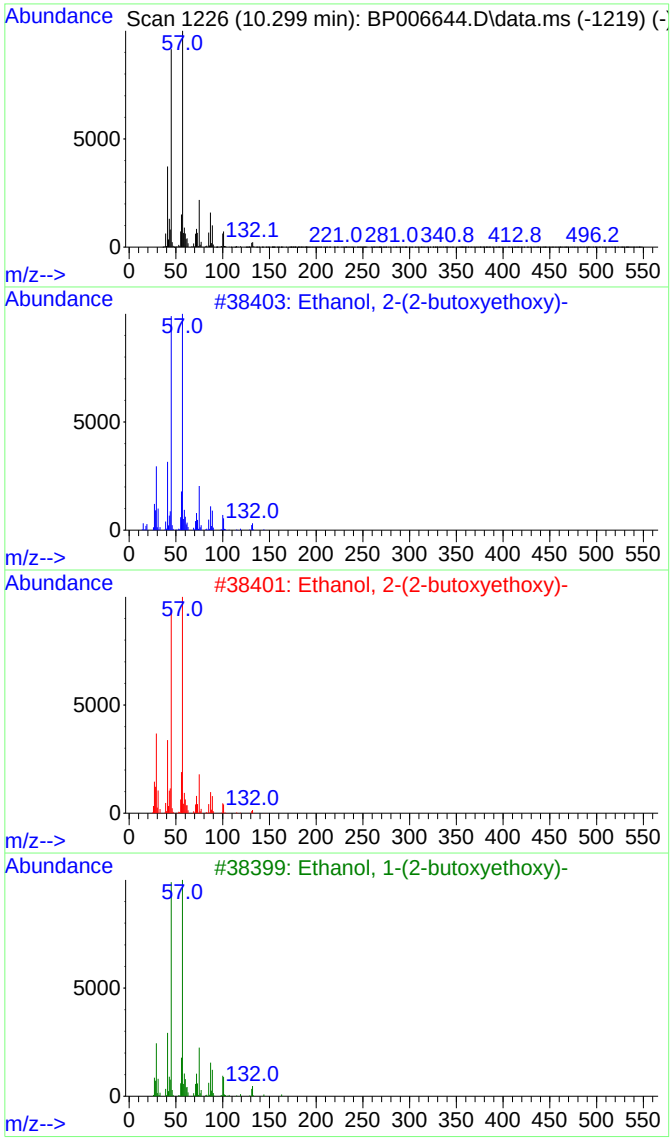
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

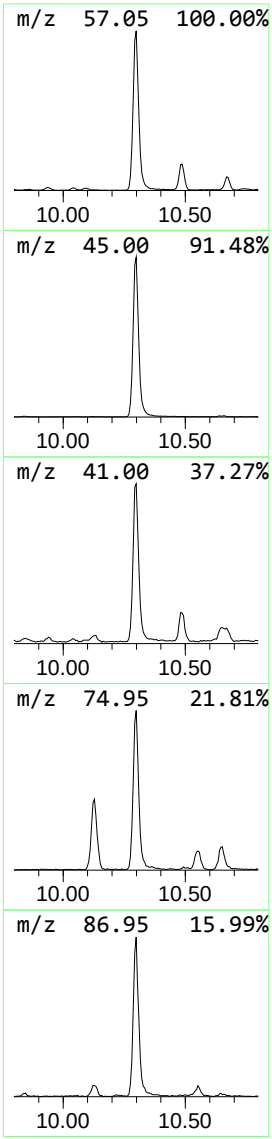
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.300	10.49 ng/ul	1061490	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83





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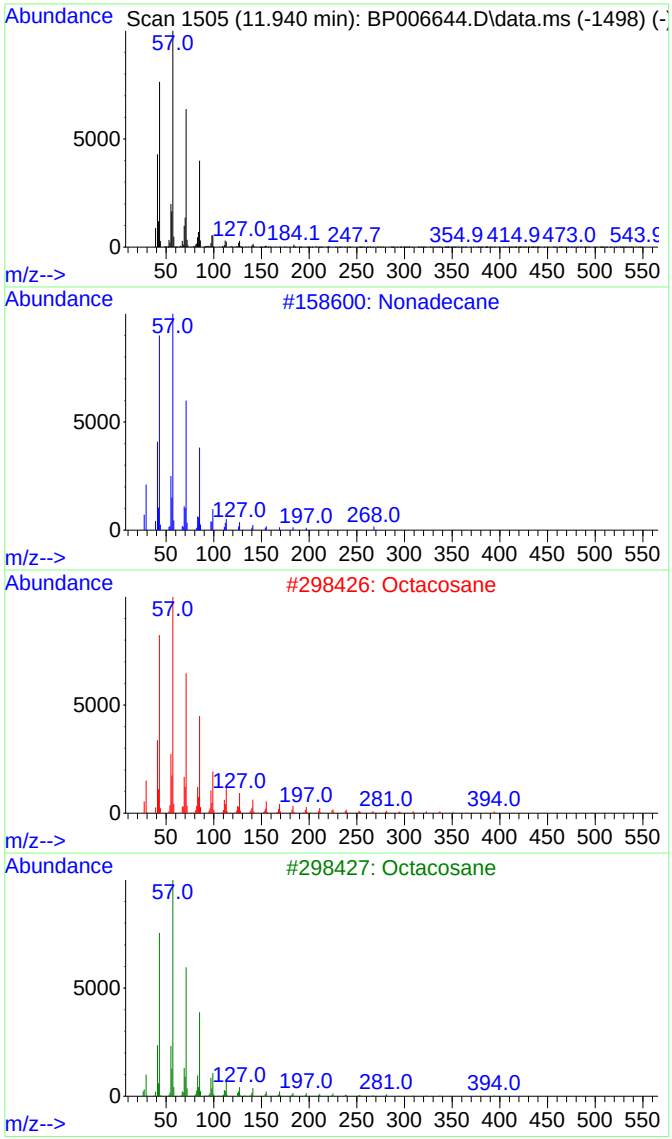
Quant Title : SVOA CALIBRATION

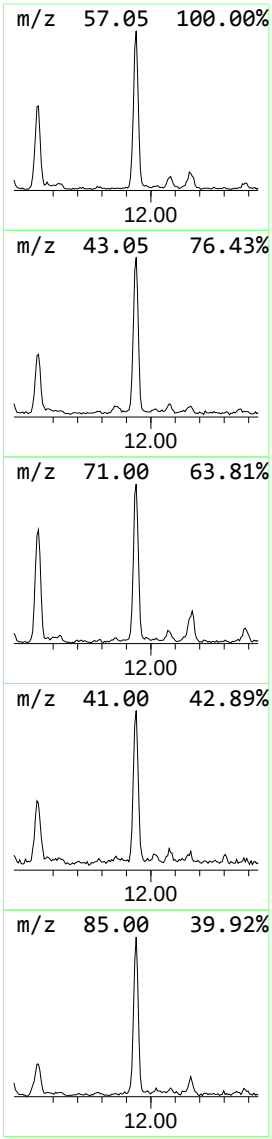
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	2.09 ng/ul	211328	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78





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Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

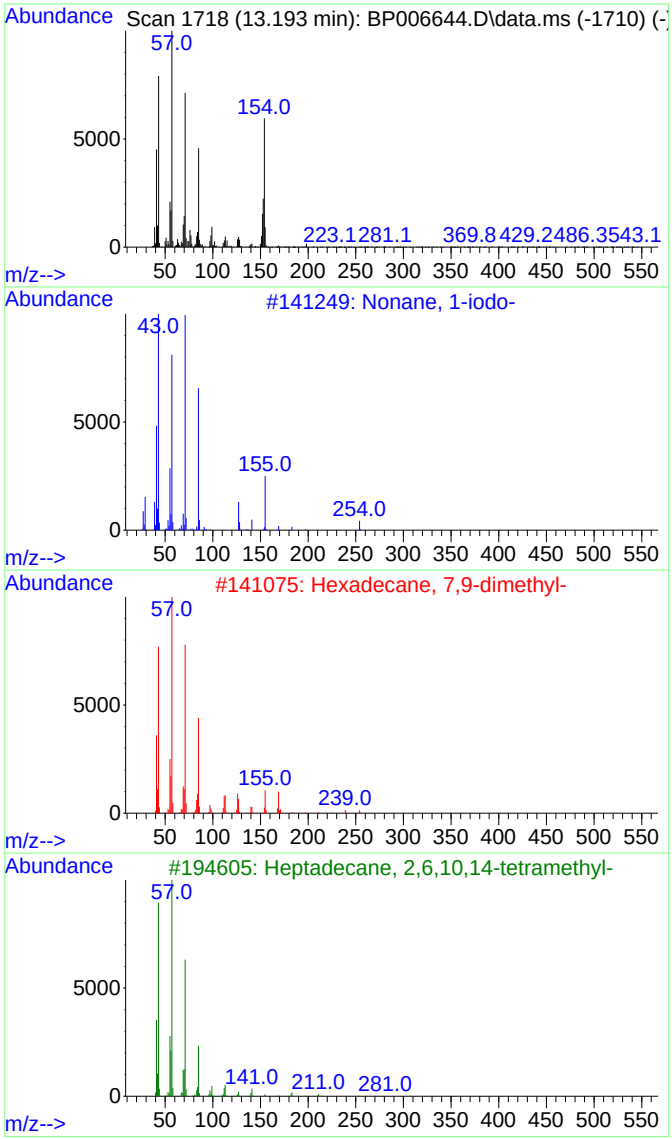
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

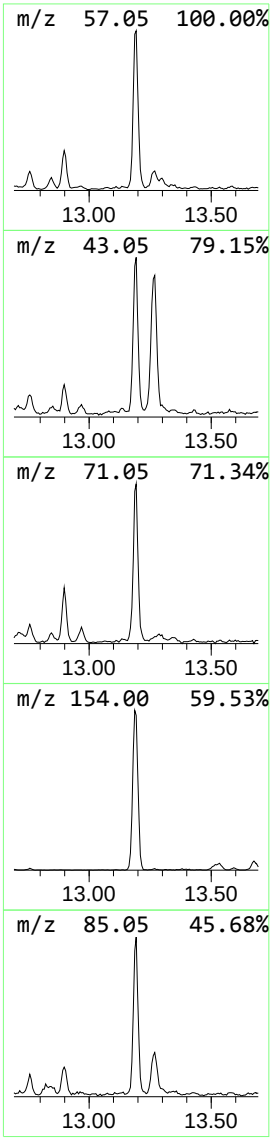
****

Peak Number 5 Nonane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	2.69 ng/ul	326831	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 1-iodo-	254	C9H19I	004282-42-2	86
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	51
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	49
5	Hexadecane	226	C16H34	000544-76-3	46





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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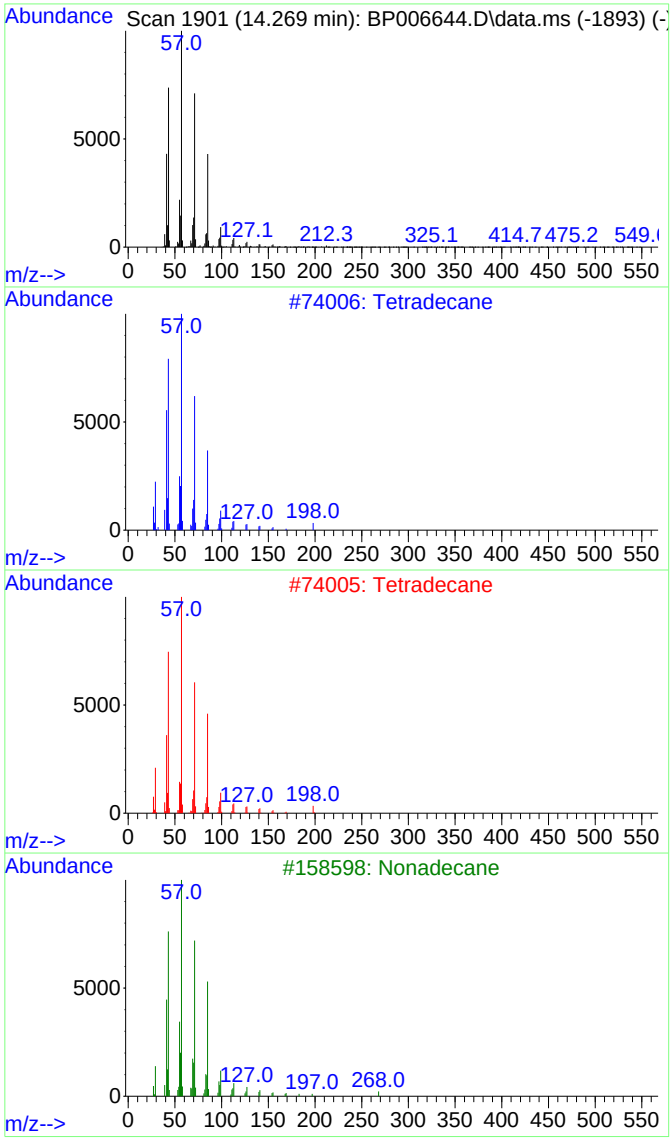
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

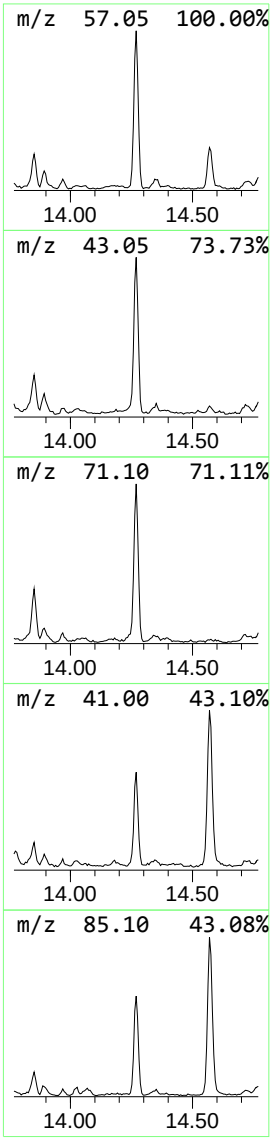
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	2.16 ng/ul	262628	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Nonadecane	268	C19H40	000629-92-5	94
4	Tetradecane	198	C14H30	000629-59-4	93
5	Nonadecane	268	C19H40	000629-92-5	91





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

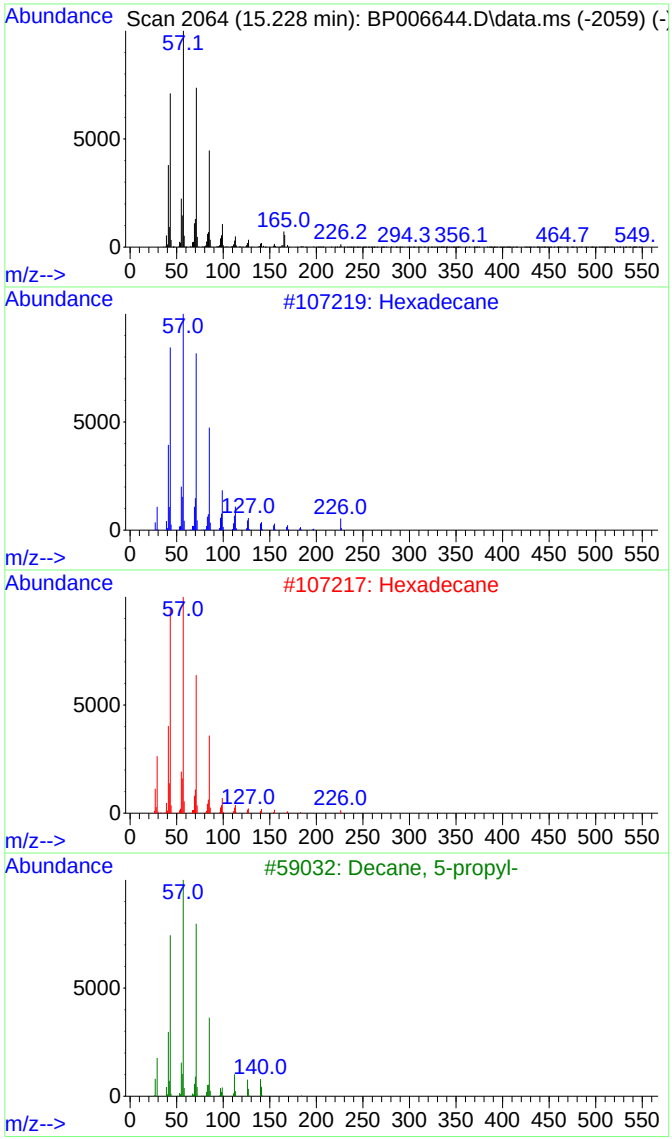
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

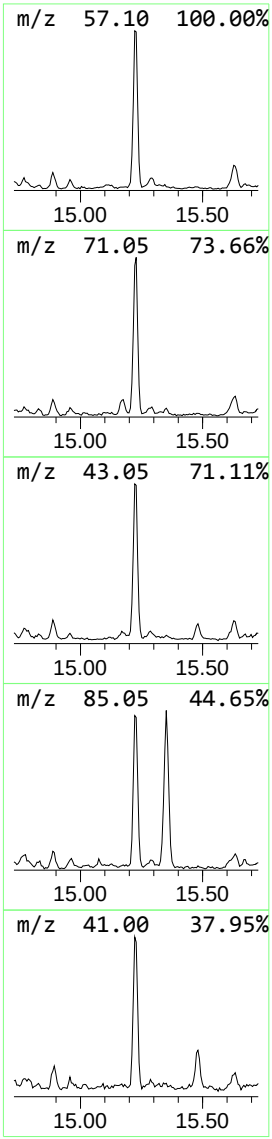
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.230	2.20 ng/ul	266586	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

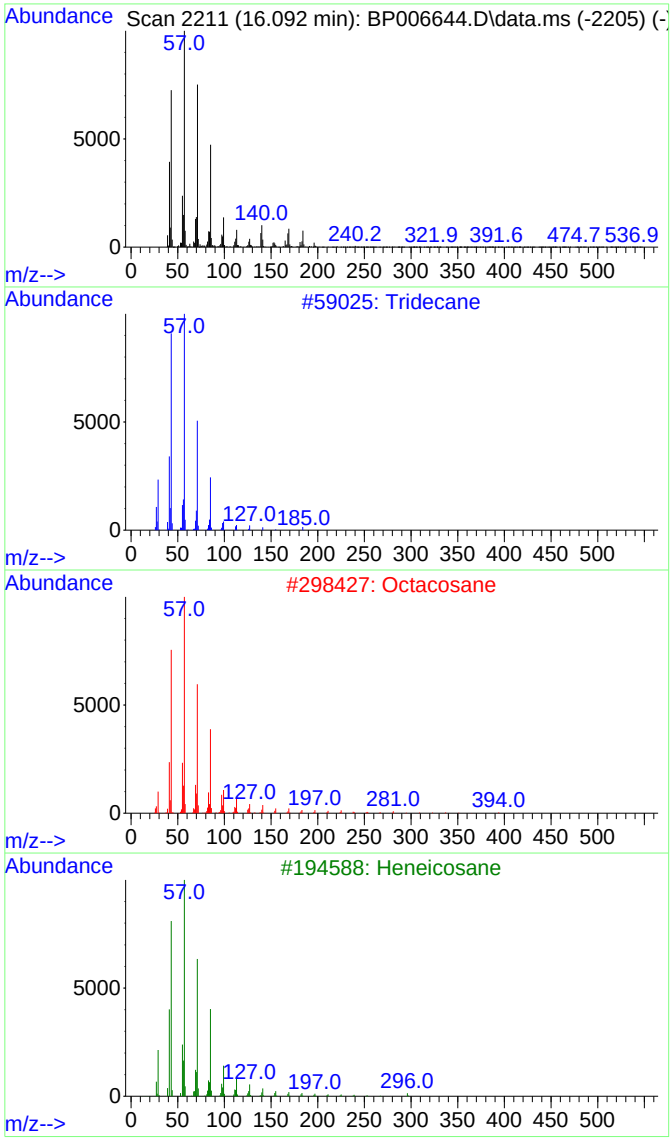
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

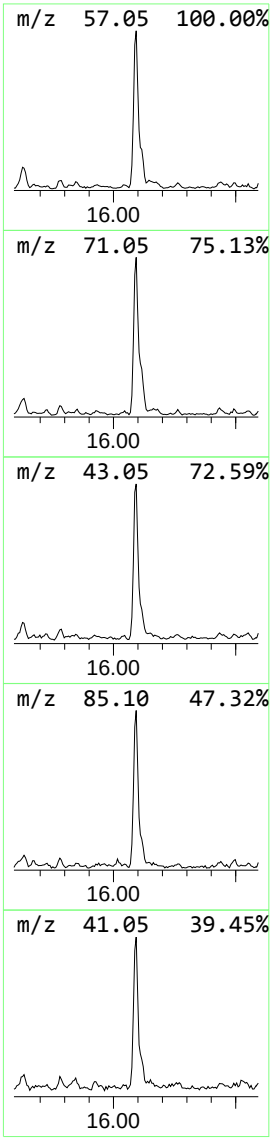
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.090	3.15 ng/ul	410944	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexatriacontane	507	C36H74	000630-06-8	81





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

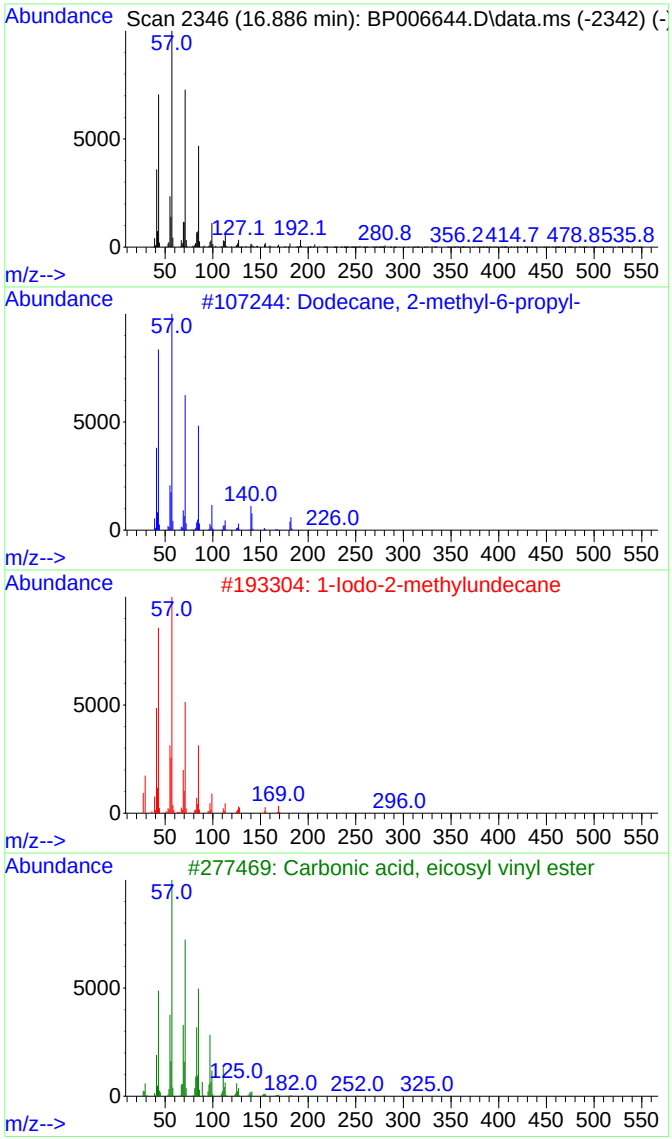
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

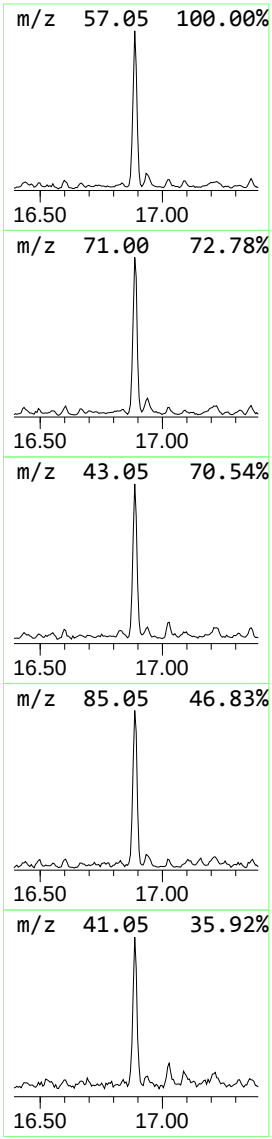
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.890	2.34 ng/ul	305504	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

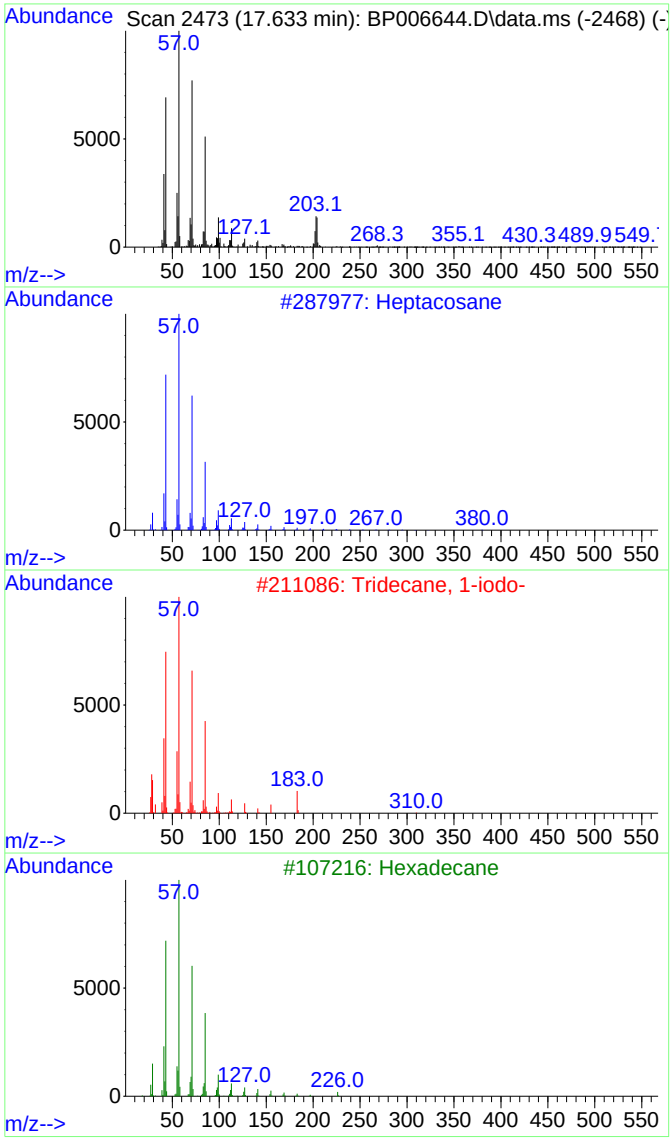
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

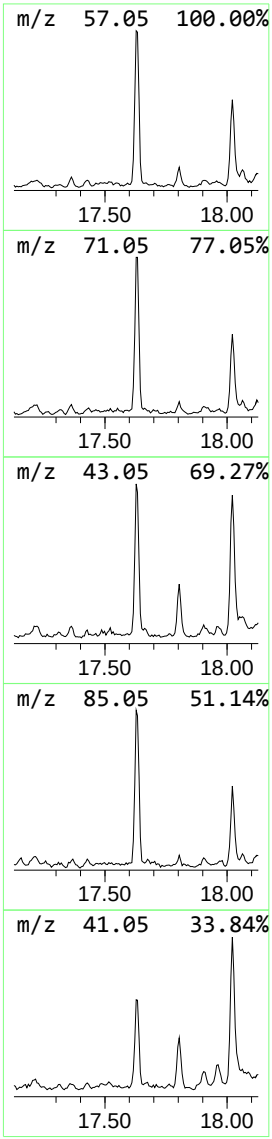
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.630	2.40 ng/ul	313384	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Octacosane	394	C28H58	000630-02-4	80





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

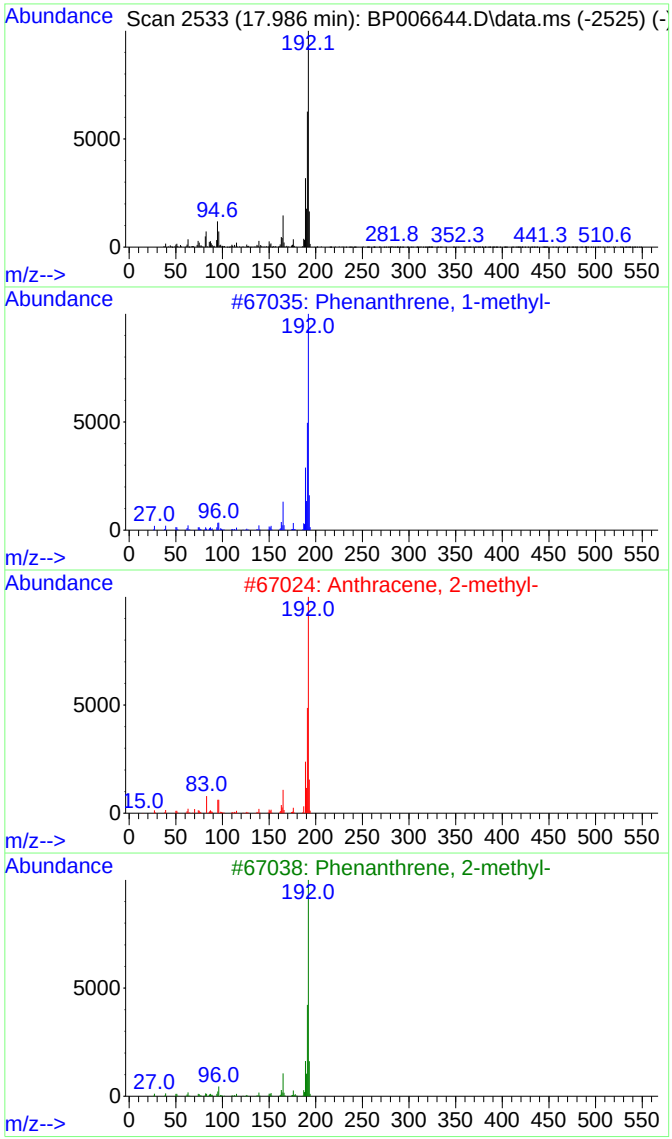
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

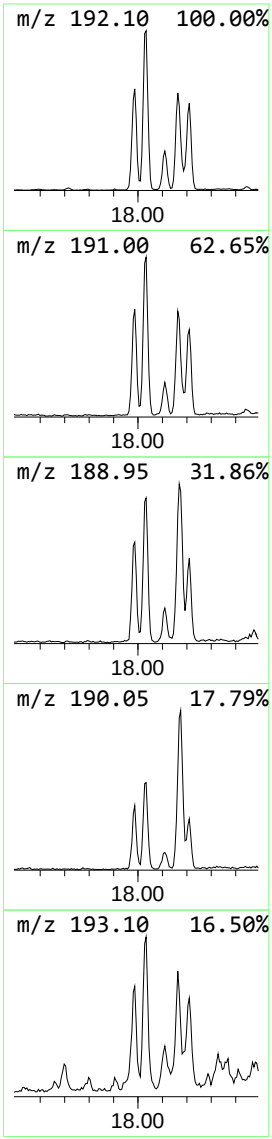
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.990	2.39 ng/ul	311690	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

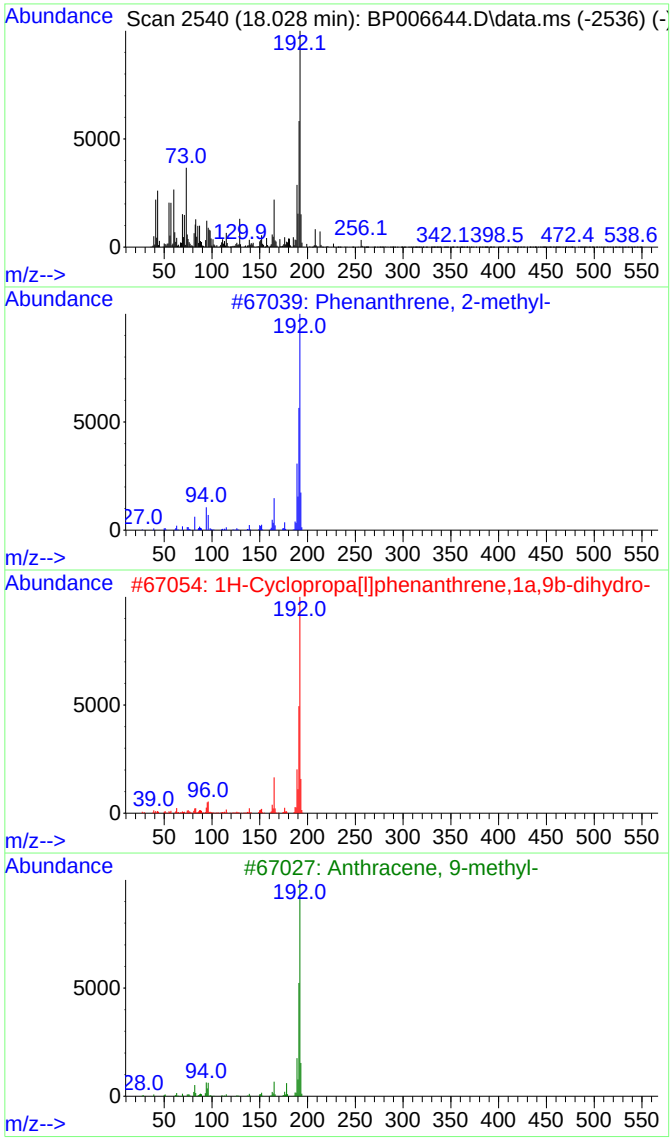
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

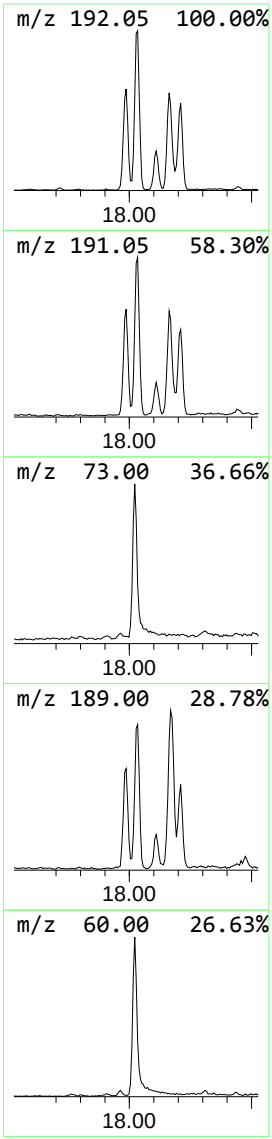
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	7.05 ng/ul	919344	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00C8

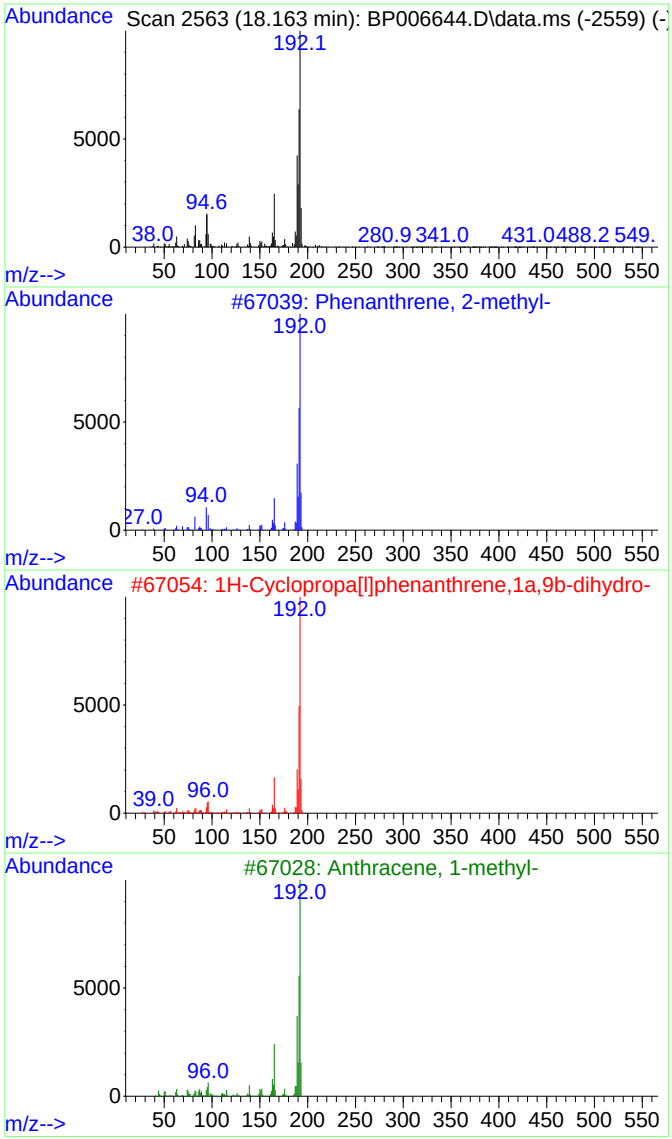
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

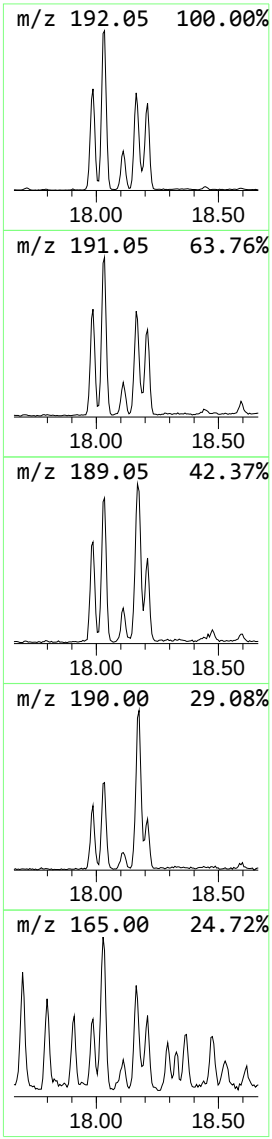
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	2.94 ng/ul	382818	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

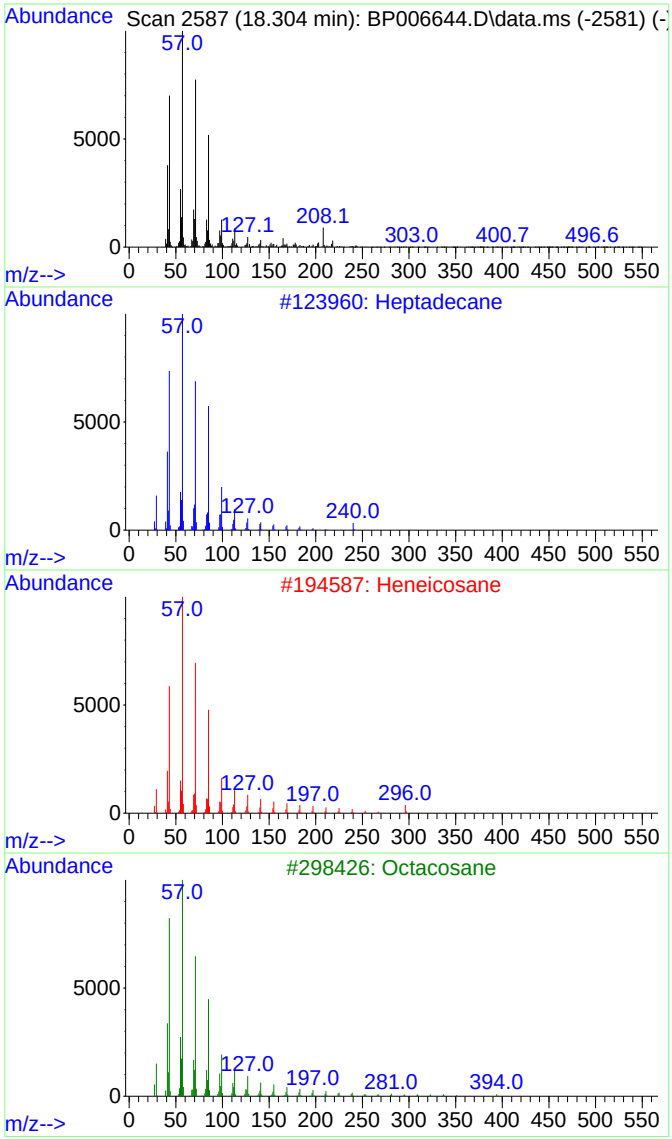
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

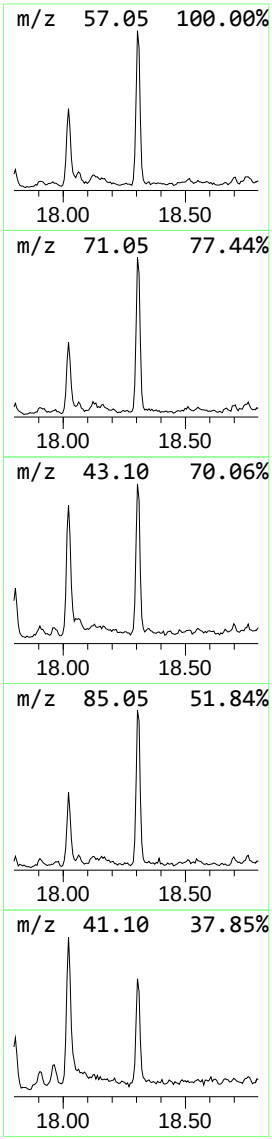
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.300	3.46 ng/ul	451617	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetracosane	338	C24H50	000646-31-1	86





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

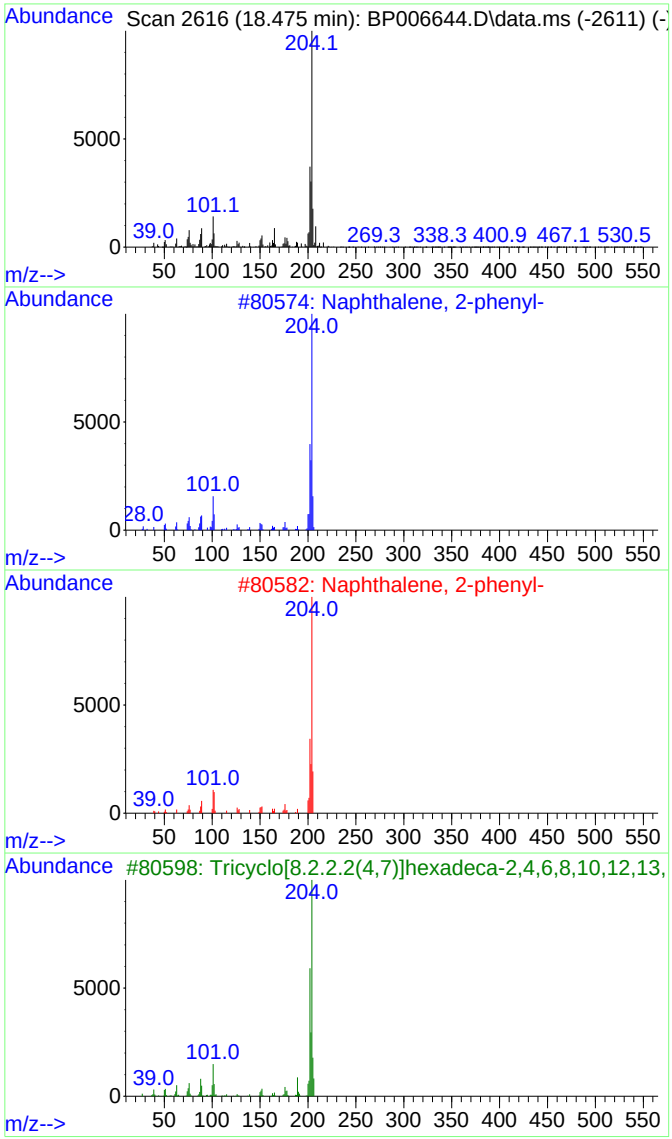
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

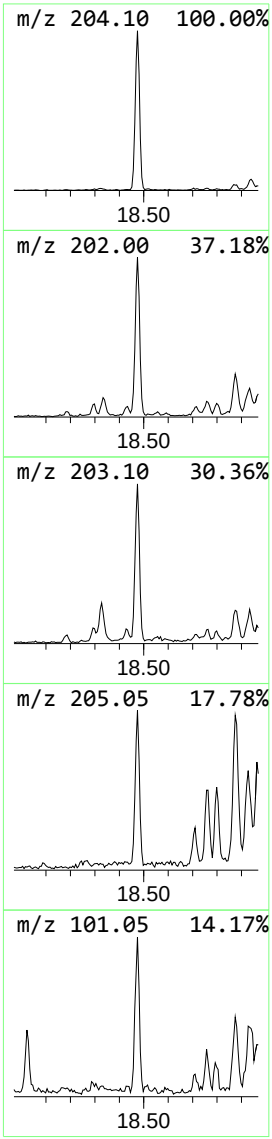
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	2.21 ng/ul	288510	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

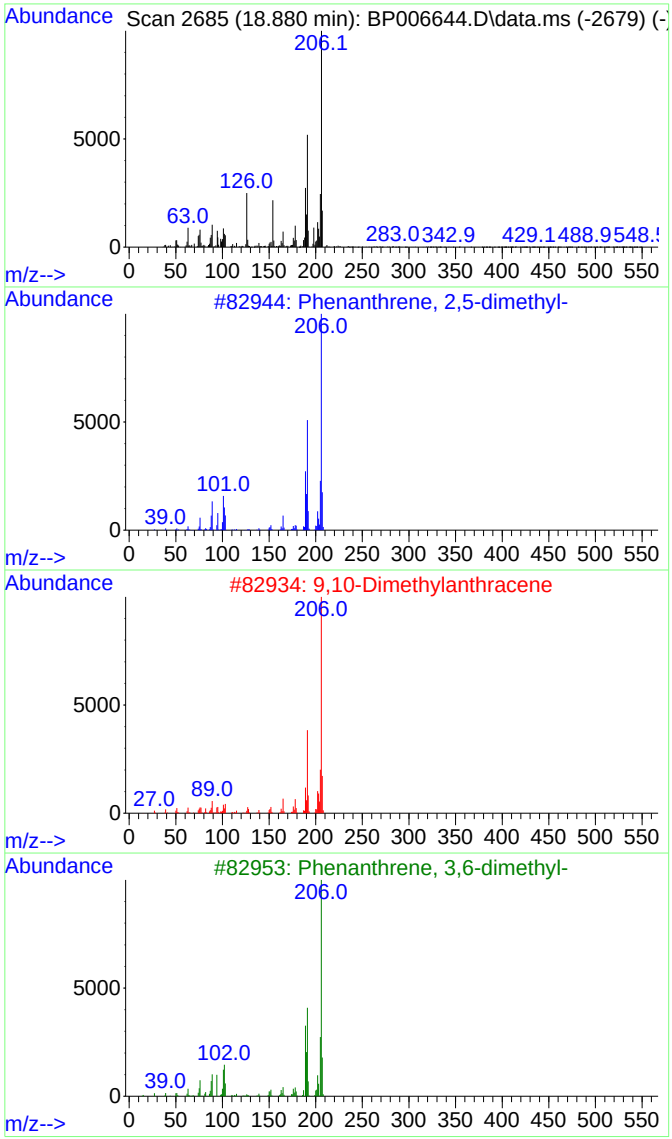
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

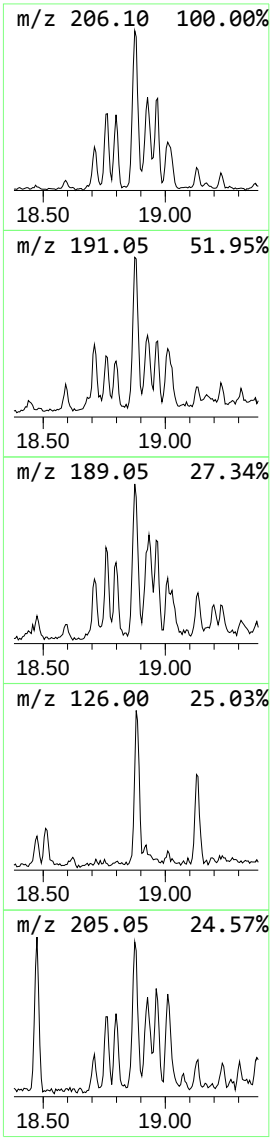
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	2.48 ng/ul	322916	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86





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Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

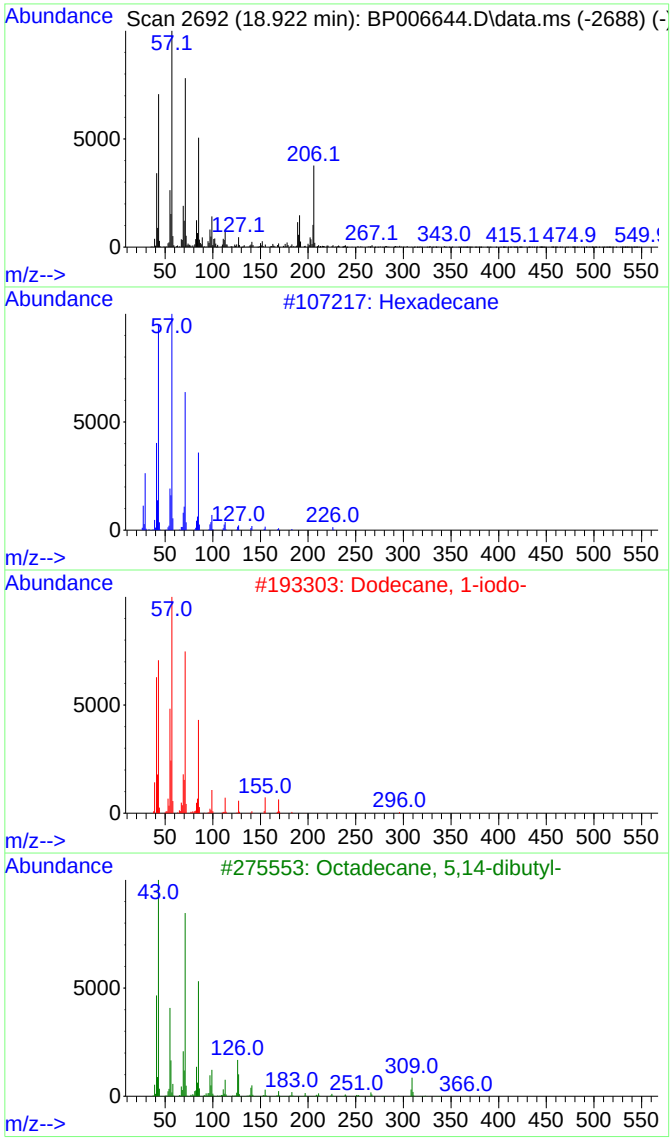
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

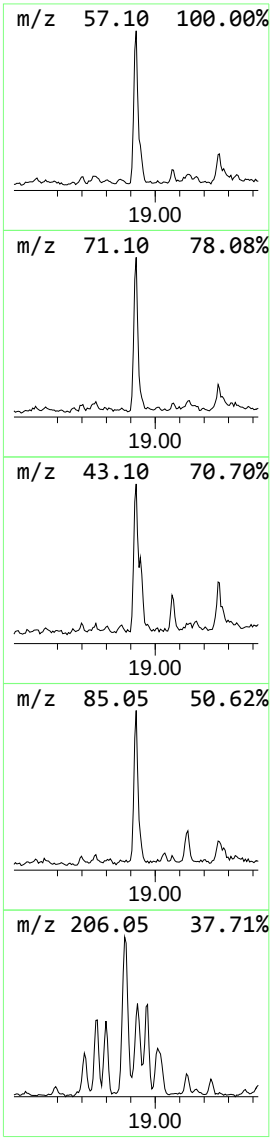
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.920	2.42 ng/ul	315634	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	78
4	Heptacosane	380	C27H56	000593-49-7	70
5	Nonadecane	268	C19H40	000629-92-5	58





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

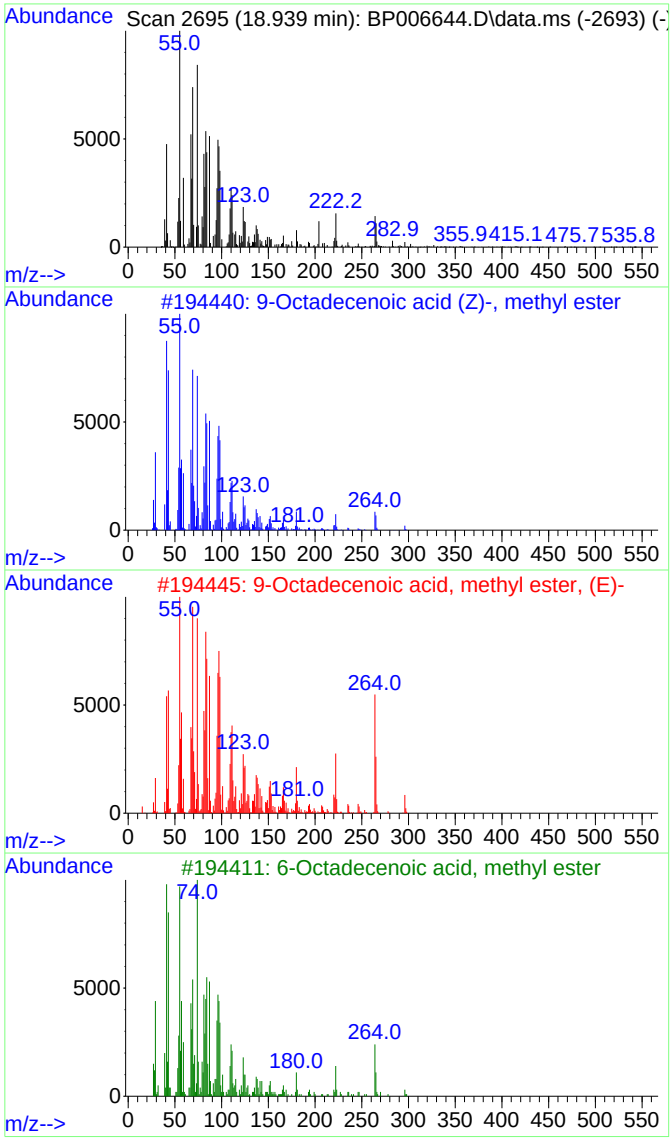
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

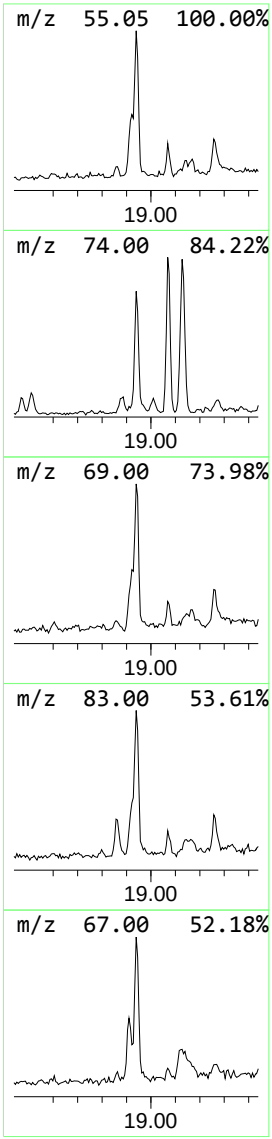
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.940	2.42 ng/ul	315306	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	97
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96





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Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

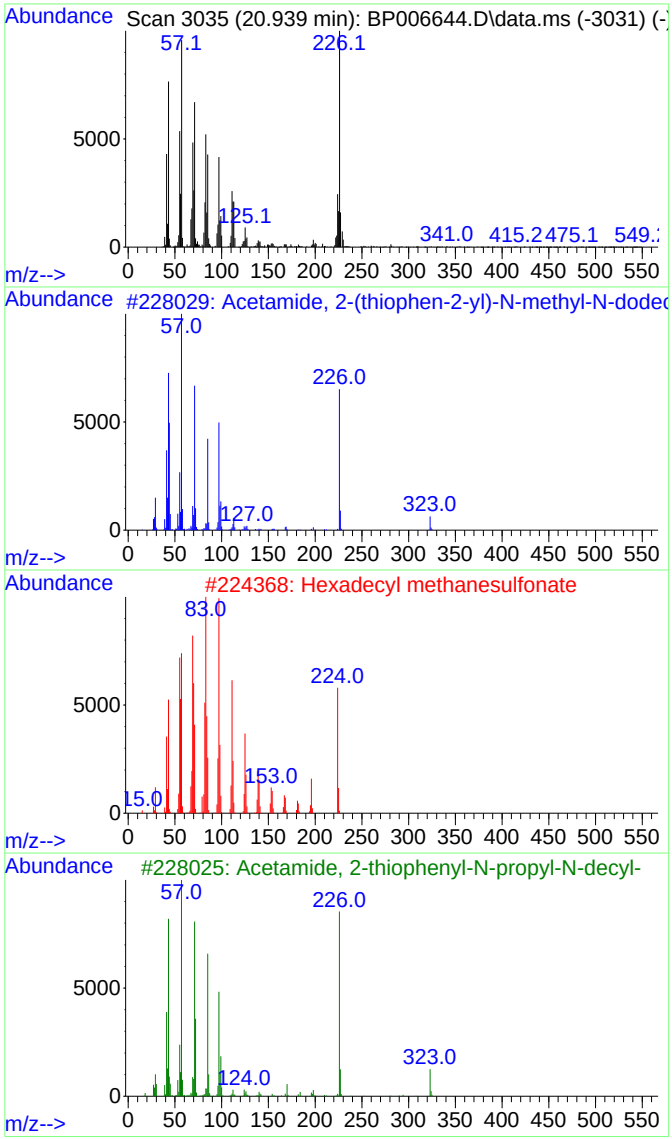
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

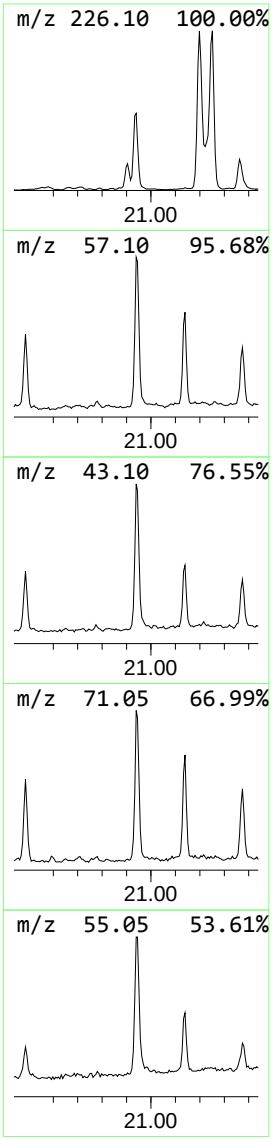
****

Peak Number 19 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.940	4.35 ng/ul	1102850	Chrysene-d12	21.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-(thiophen-2-yl)-N-m...	323	C19H33NOS	1000421-20-9	38
2	Hexadecyl methanesulfonate	320	C17H36O3S	020779-14-0	35
3	Acetamide, 2-thiophenyl-N-propyl...	323	C19H33NOS	1000437-58-2	32
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	22
5	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	14





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Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

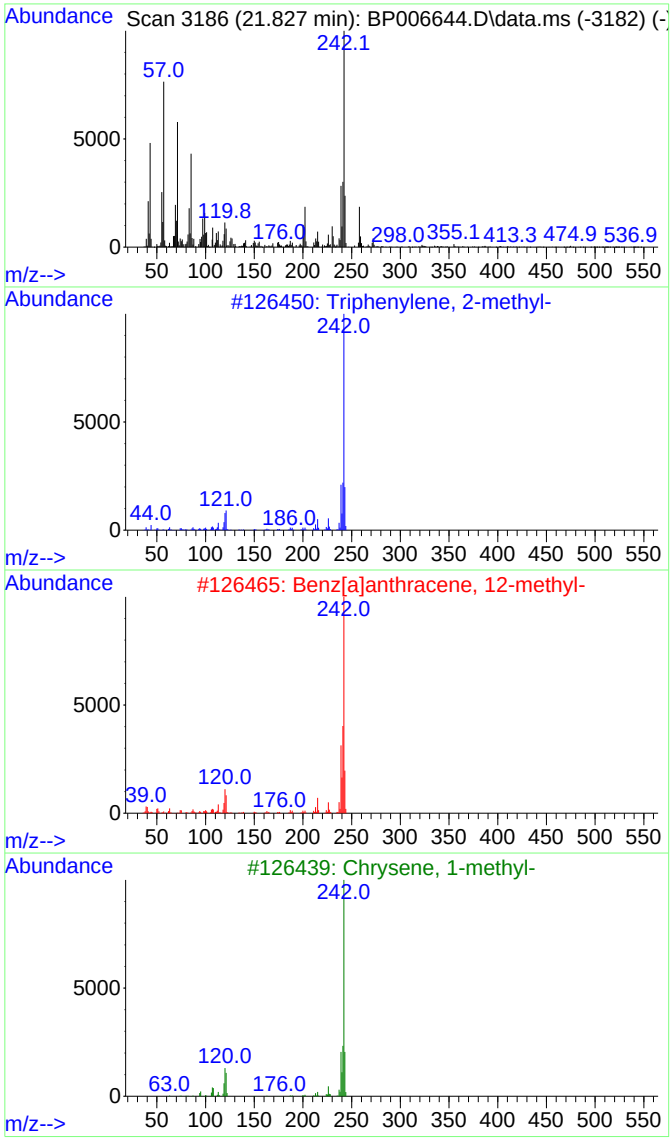
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

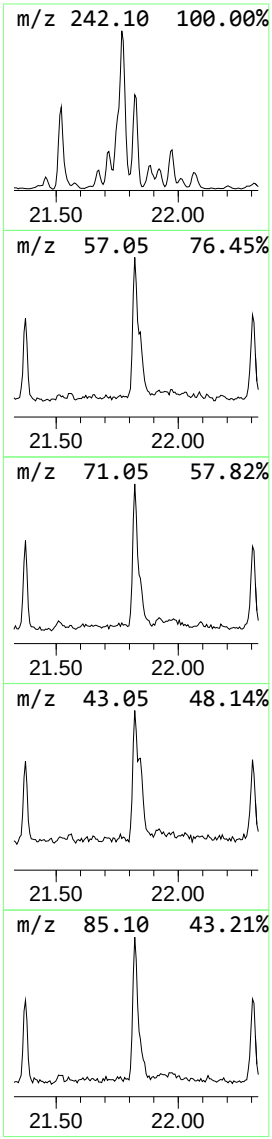
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Triphenylene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.830	3.23 ng/ul	818729	Chrysene-d12	21.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	80
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	64
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	64
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	64





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Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

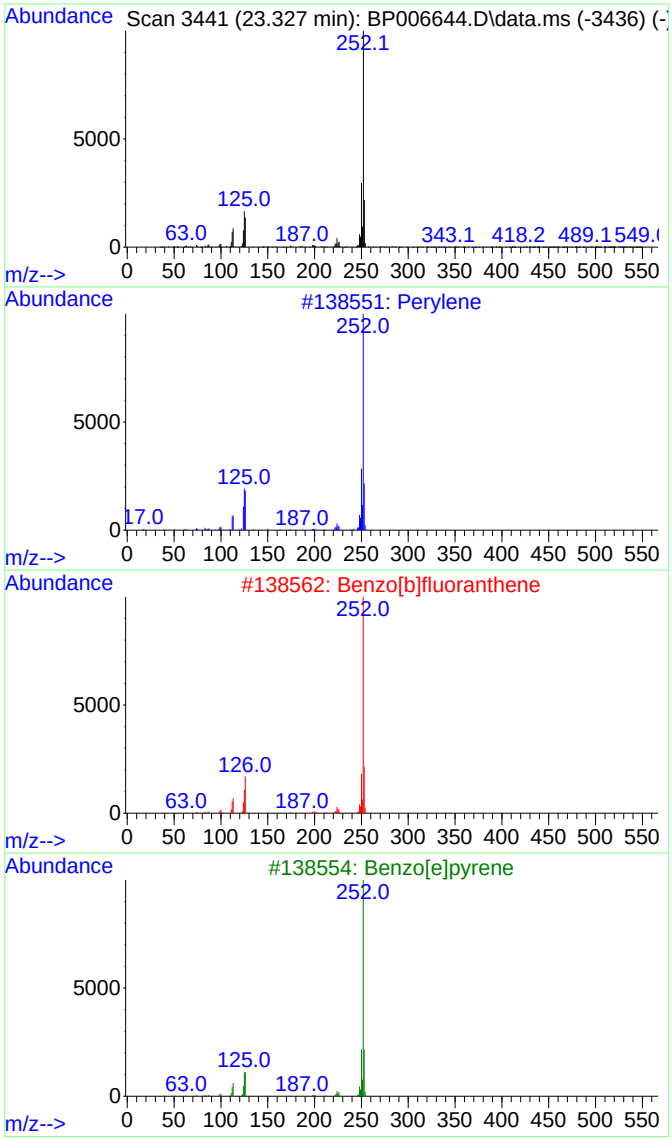
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

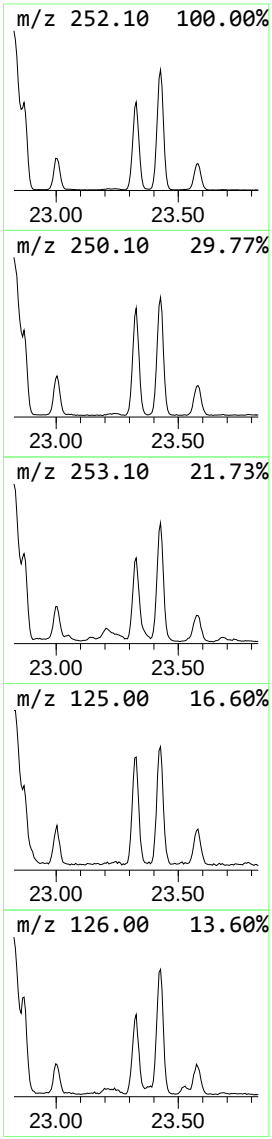
****

Peak Number 21 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.330	8.93 ng/ul	1199080	Perylene-d12	23.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





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Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

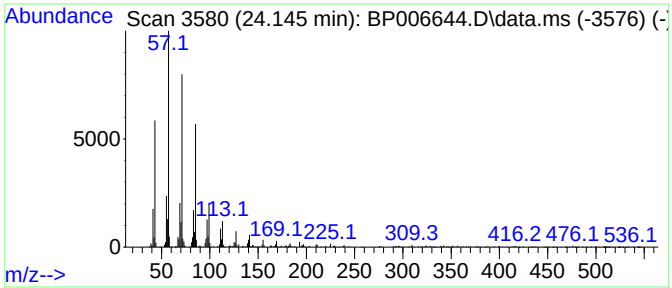
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

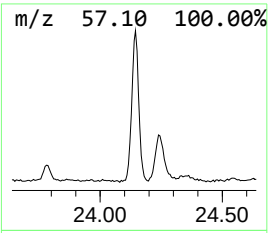
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

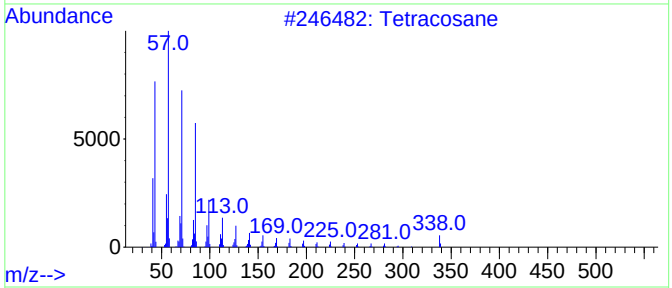
****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

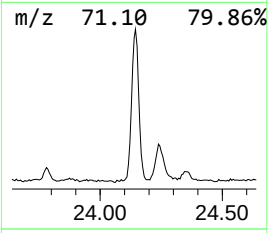
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.140	6.20 ng/ul	832579	Perylene-d12	23.527

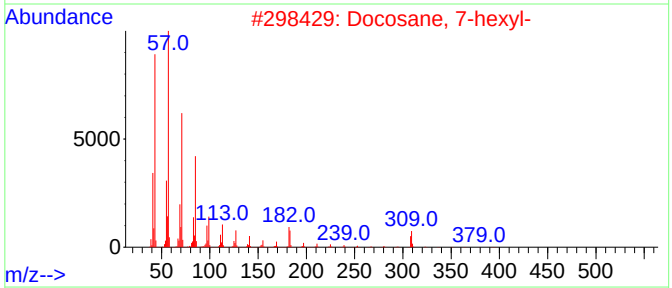
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91

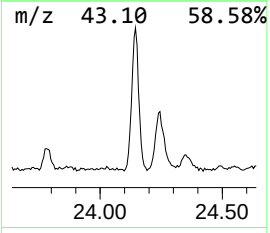


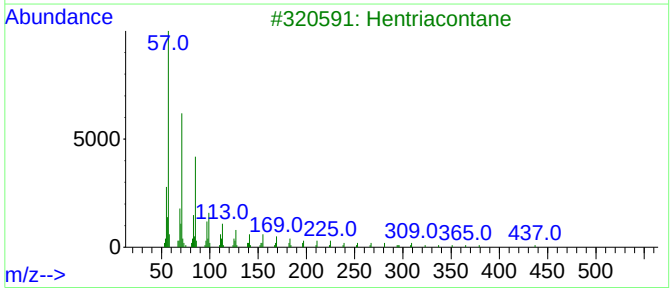


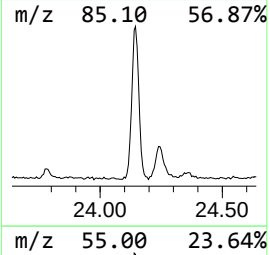


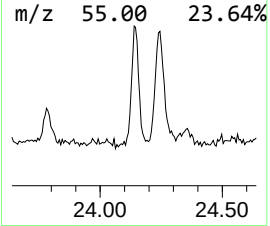












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
Data File : BP006644.D
Acq On : 11 Aug 2021 03:33
Operator : CG/JU
Sample : M3182-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00C8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.740	3.4	ng/ul	213652	1	7.716	1241400	20.0
(DEL) Alkane: S...	7.350	2.3	ng/ul	145447	1	7.716	1241400	20.0
Ethanol, 2-(2-b...	10.300	10.5	ng/ul	1061490	2	10.505	2023190	20.0
(DEL) Alkane: S...	11.940	2.1	ng/ul	211328	2	10.505	2023190	20.0
Nonane, 1-iodo-	13.190	2.7	ng/ul	326831	3	14.357	2426240	20.0
(DEL) Alkane: S...	14.270	2.2	ng/ul	262628	3	14.357	2426240	20.0
(DEL) Alkane: S...	15.230	2.2	ng/ul	266586	3	14.357	2426240	20.0
(DEL) Alkane: S...	16.090	3.1	ng/ul	410944	4	17.116	2607060	20.0
(DEL) Alkane: S...	16.890	2.3	ng/ul	305504	4	17.116	2607060	20.0
(DEL) Alkane: S...	17.630	2.4	ng/ul	313384	4	17.116	2607060	20.0
Phenanthrene, 1...	17.990	2.4	ng/ul	311690	4	17.116	2607060	20.0
Phenanthrene, 2...	18.030	7.0	ng/ul	919344	4	17.116	2607060	20.0
1H-Cyclopropa[l...	18.160	2.9	ng/ul	382818	4	17.116	2607060	20.0
(DEL) Alkane: S...	18.300	3.5	ng/ul	451617	4	17.116	2607060	20.0
Naphthalene, 2-...	18.470	2.2	ng/ul	288510	4	17.116	2607060	20.0
Phenanthrene, 2...	18.880	2.5	ng/ul	322916	4	17.116	2607060	20.0
(DEL) Alkane: S...	18.920	2.4	ng/ul	315634	4	17.116	2607060	20.0
9-Octadecenoic ...	18.940	2.4	ng/ul	315306	4	17.116	2607060	20.0
unknown-02	20.940	4.3	ng/ul	1102850	5	21.216	5076070	20.0
Triphenylene, 2...	21.830	3.2	ng/ul	818729	5	21.216	5076070	20.0
Perylene	23.330	8.9	ng/ul	1199080	6	23.527	2684450	20.0
(DEL) Alkane: S...	24.140	6.2	ng/ul	832579	6	23.527	2684450	20.0