LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010187.D
Acq On : 02 May 2022 23:43
Operator : CG/JU
Sample : N2615-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH0A6

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-BP042122.M
Title : SVOA CALIBRATION

Signal : TIC: BP010187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	43	46	50	rBV	29722	34371	0.81%	0.079%
2	3.640	91	94	103	rVB	20848	34857	0.82%	0.080%
3	3.781	115	118	126	rBV	144223	220261	5.19%	0.504%
4	4.105	169	173	177	rVB3	10328	15277	0.36%	0.035%
5	5.022	326	329	334	rVB2	4105	5837	0.14%	0.013%
6	6.934	647	654	657	rBV9	3144	7483	0.18%	0.017%
7	7.087	673	680	689	rBV	134442	231102	5.45%	0.529%
8	7.246	698	707	718	rBV	581506	973168	22.95%	2.227%
9	7.328	718	721	732	rVB2	10904	24698	0.58%	0.057%
10	7.451	736	742	754	rVV	570316	918529	21.66%	2.102%
11	7.557	757	760	769	rVB8	4373	7773	0.18%	0.018%
12	7.922	814	822	830	rBV	625840	1018848	24.03%	2.331%
13	7.998	832	835	839	rVB3	6880	10215	0.24%	0.023%
14	8.628	936	942	957	rBV	427174	734313	17.32%	1.680%
15	9.081	1011	1019	1029	rBV	763807	1317681	31.07%	3.015%
16	9.204	1037	1040	1043	rBV5	5330	7900	0.19%	0.018%
17	9.245	1045	1047	1055	rVB8	8263	13228	0.31%	0.030%
18	9.528	1088	1095	1101	rBV3	11691	21875	0.52%	0.050%
19	9.804	1135	1142	1155	rBV	626737	1065427	25.12%	2.438%
20	10.345	1227	1234	1250	rBV	813466	1431334	33.75%	3.275%
21	10.728	1290	1299	1312	rBV	879912	1531926	36.12%	3.505%
22	10.857	1314	1321	1335	rBV	702585	1344366	31.70%	3.076%
23	12.157	1536	1542	1547	rBV5	7791	14204	0.33%	0.033%
24	12.316	1562	1569	1576	rBV2	16630	33066	0.78%	0.076%
25	13.045	1690	1693	1699	rVB8	2992	5305	0.13%	0.012%
26	13.169	1711	1714	1718	rBV6	4606	5892	0.14%	0.013%
27	13.292	1732	1735	1739	rBV6	2620	4432	0.10%	0.010%
28	13.386	1746	1751	1758	rBV2	14873	21954	0.52%	0.050%
29	13.457	1758	1763	1769	rVV3	15461	28628	0.68%	0.066%
30	13.534	1771	1776	1781	rVB8	4463	9399	0.22%	0.022%
31	13.769	1811	1816	1821	rBV9	4611	8009	0.19%	0.018%
32	13.863	1828	1832	1834	rBV5	2979	4629	0.11%	0.011%
33	13.963	1842	1849	1862	rBV	1790988	2635047	62.14%	6.030%
34	14.245	1888	1897	1917	rBV	1929709	2925377	68.98%	6.694%
35	14.386	1917	1921	1927	rVV5	8092	15028	0.35%	0.034%
36	14.557	1943	1950	1965	rBV	1362456	2038129	48.06%	4.664%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Title : SVOA CALIBRATION

37	14.757	1978	1984	2002	rBV2	66728	181415	4.28%	0.415%
38	14.969	2016	2020	2031	rVB	71136	110008	2.59%	0.252%
39	15.363	2083	2087	2089	rBV4	8881	11931	0.28%	0.027%
40	15.545	2112	2118	2132	rBV	2470180	3743438	88.27%	8.566%
41	15.663	2132	2138	2155	rVV	833812	1260861	29.73%	2.885%
42	15.786	2155	2159	2168	rVB2	33286	55361	1.31%	0.127%
43	16.110	2208	2214	2218	rBV9	3967	6827	0.16%	0.016%
44	16.233	2231	2235	2237	rBV4	3145	5363	0.13%	0.012%
45	16.333	2248	2252	2256	rVB4	10371	16081	0.38%	0.037%
46	16.451	2266	2272	2277	rVB10	6334	13051	0.31%	0.030%
47	16.916	2346	2351	2356	rBV9	2707	5692	0.13%	0.013%
48	16.980	2360	2362	2366	rVB4	5113	6296	0.15%	0.014%
49	17.074	2372	2378	2380	rBV7	5856	10525	0.25%	0.024%
50	17.233	2400	2405	2409	rVB8	6670	9185	0.22%	0.021%
51	17.304	2409	2417	2427	rBV	1473662	2197263	51.81%	5.028%
52	17.404	2427	2434	2450	rVV2	2718214	4116994	97.08%	9.421%
53	17.692	2476	2483	2492	rBV3	68971	106907	2.52%	0.245%
54	17.851	2507	2510	2514	rVB6	4632	5400	0.13%	0.012%
55	17.974	2526	2531	2541	rBV	315421	394561	9.30%	0.903%
56	18.186	2564	2567	2574	rBV5	15228	22833	0.54%	0.052%
57	18.257	2576	2579	2583	rVB5	6108	10055	0.24%	0.023%
58	18.598	2634	2637	2641	rBV5	20042	25420	0.60%	0.058%
59	18.916	2689	2691	2694	rBV4	4292	6234	0.15%	0.014%
60	19.016	2705	2708	2714	rVB7	14898	18702	0.44%	0.043%
61	19.074	2714	2718	2719	rBV3	31825	35833	0.84%	0.082%
62	19.104	2719	2723	2735	rVV	854517	1000777	23.60%	2.290%
63	19.233	2737	2745	2749	rVV2	161341	243780	5.75%	0.558%
64	19.280	2750	2753	2758	rVV	31175	51051	1.20%	0.117%
65	19.321	2758	2760	2765	rVB5	13078	17159	0.40%	0.039%
66	19.633	2807	2813	2831	rBV	3083680	4240762	100.00%	9.704%
67	21.092	3057	3061	3070	rBV	155449	219798	5.18%	0.503%
68	21.386	3106	3111	3123	rBV	1263071	1752939	41.34%	4.011%
69	23.674	3492	3500	3515	rBV2	1667128	3398921	80.15%	7.778%
70	23.827	3520	3526	3544	rVB2	787376	1680365	39.62%	3.845%

Sum of corrected areas: 43701356

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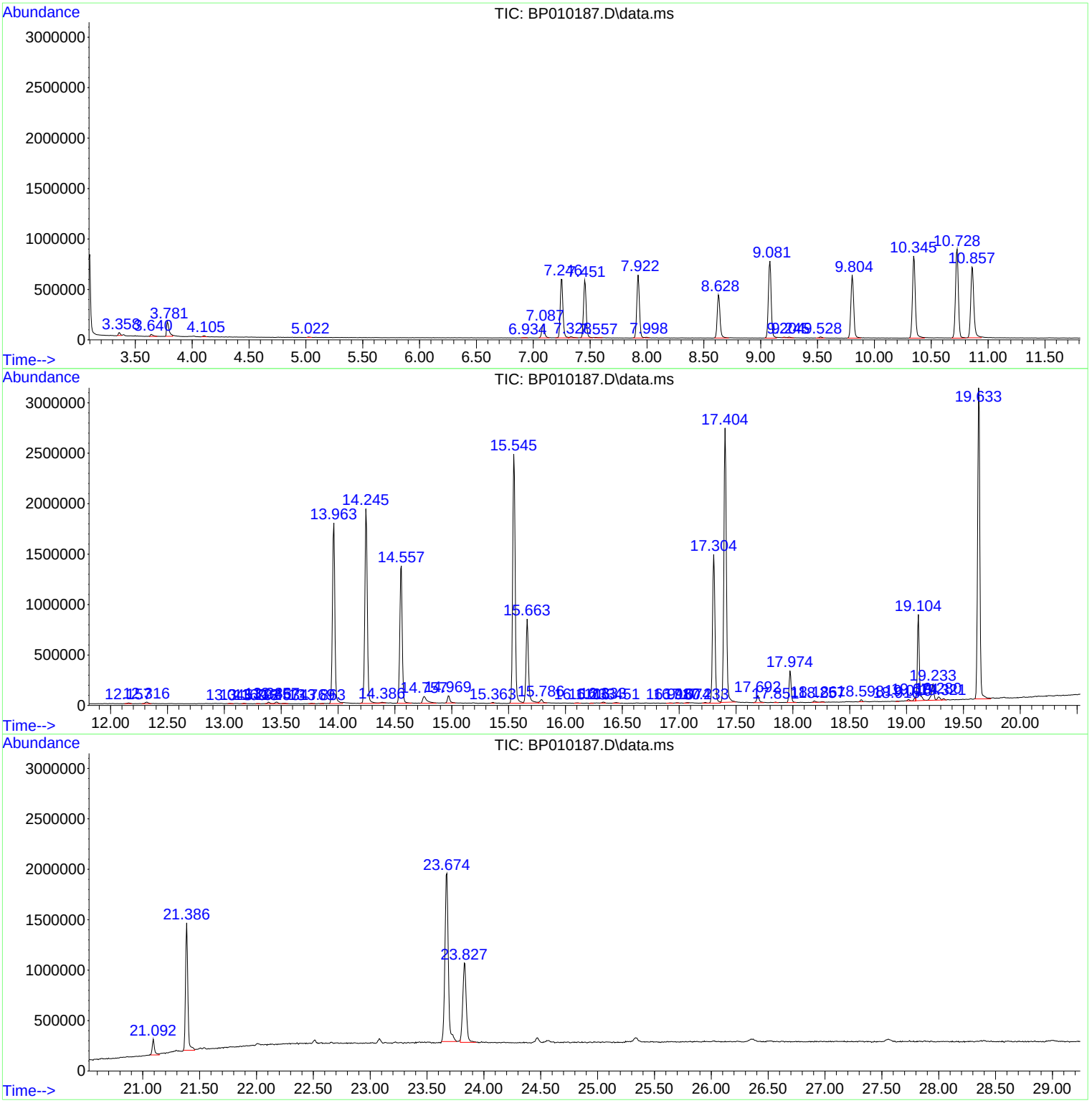
Instrument :
BNA_P
ClientSampleId :
BH0A6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

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



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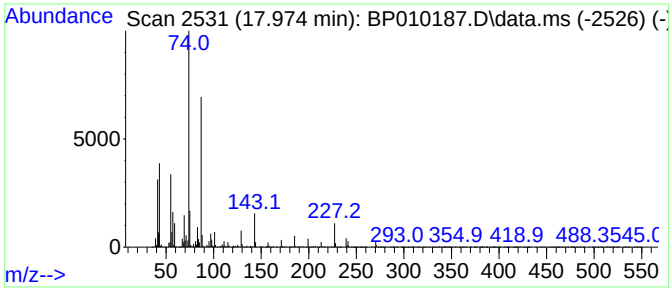
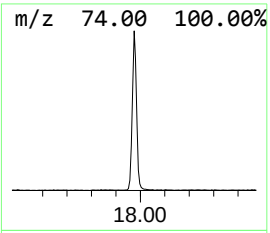
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

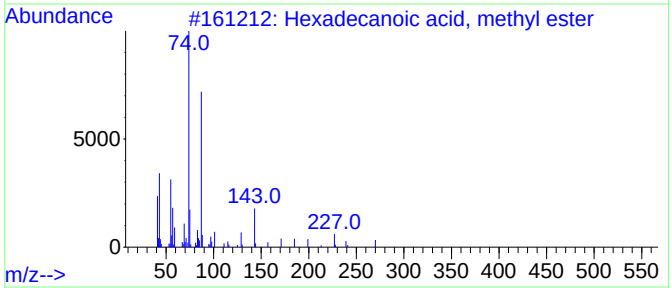
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 2

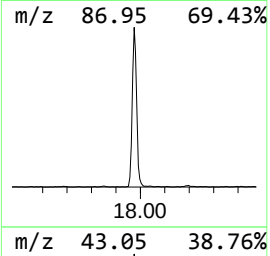
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	3.59 ng/ul	394561	Phenanthrene-d10	17.304

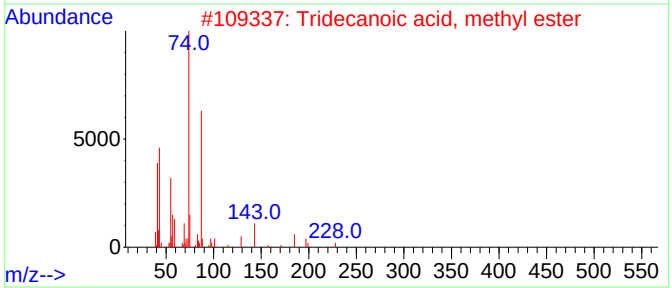
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91

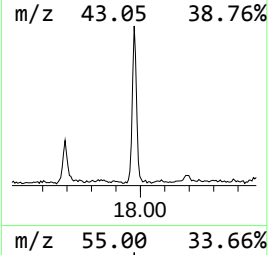


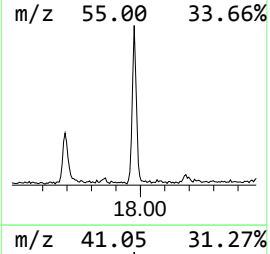


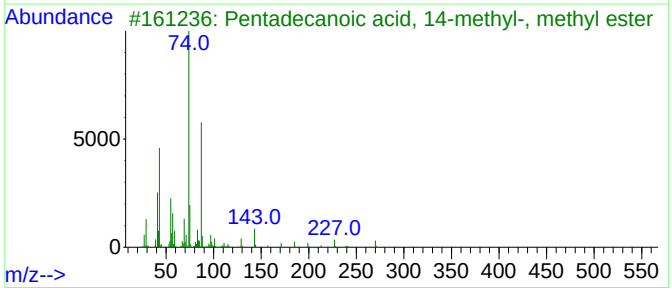


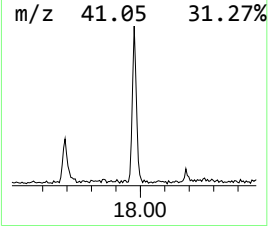












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ClientSampleId :
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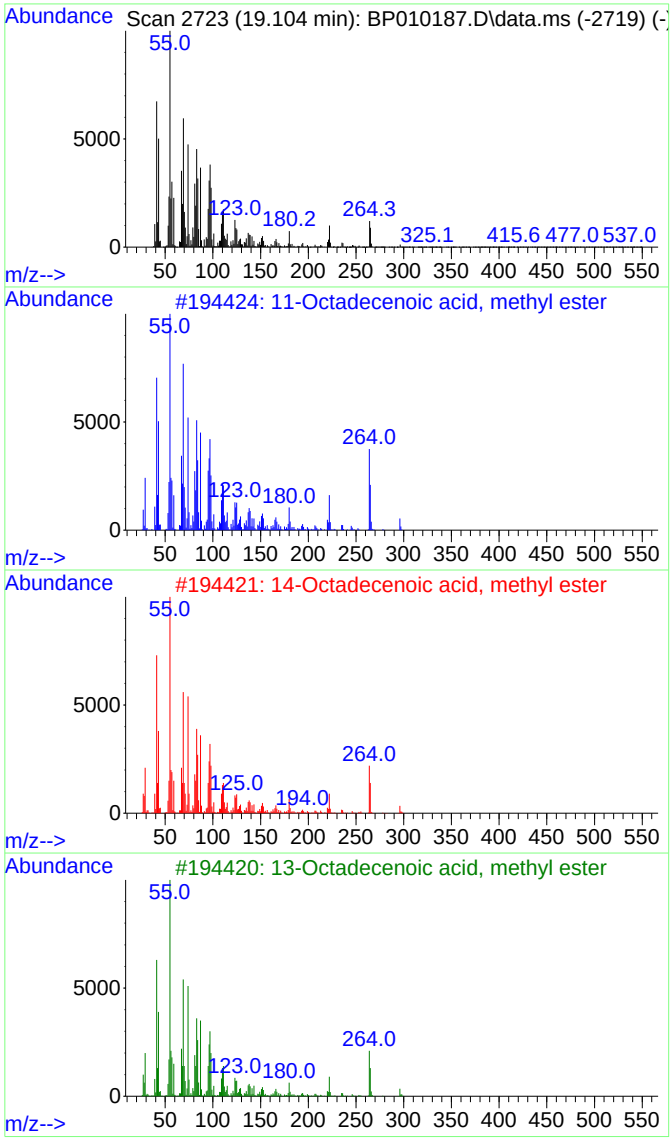
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

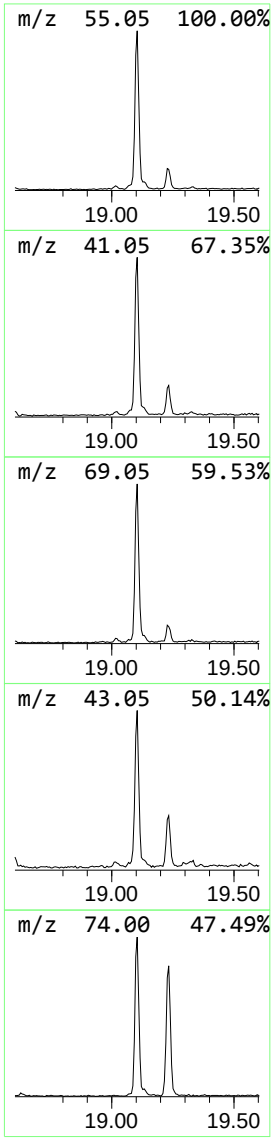
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	9.11 ng/ul	1000780	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99





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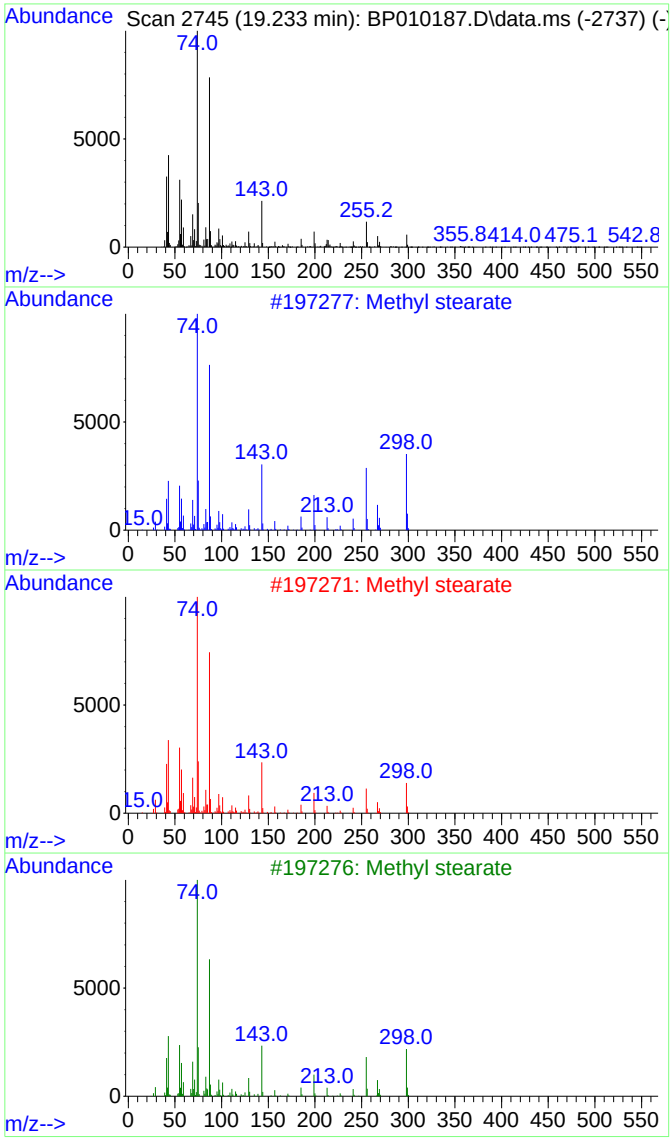
Quant Title : SVOA CALIBRATION

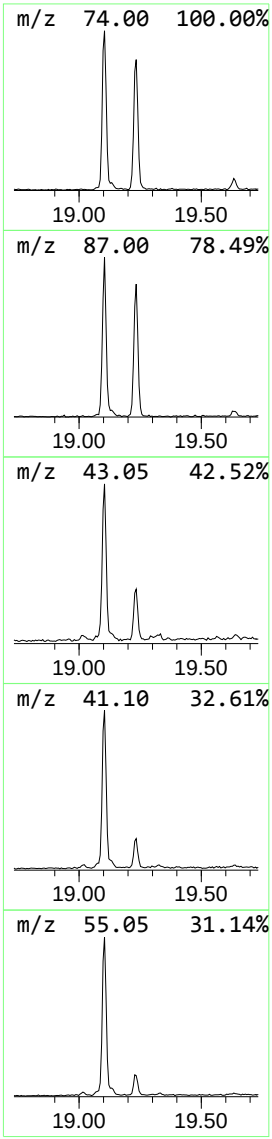
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.22 ng/ul	243780	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl stearate	298	C19H38O2	000112-61-8	98
3	Methyl stearate	298	C19H38O2	000112-61-8	98
4	Methyl stearate	298	C19H38O2	000112-61-8	98
5	Methyl stearate	298	C19H38O2	000112-61-8	97





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BNA_P
ClientSampleId :
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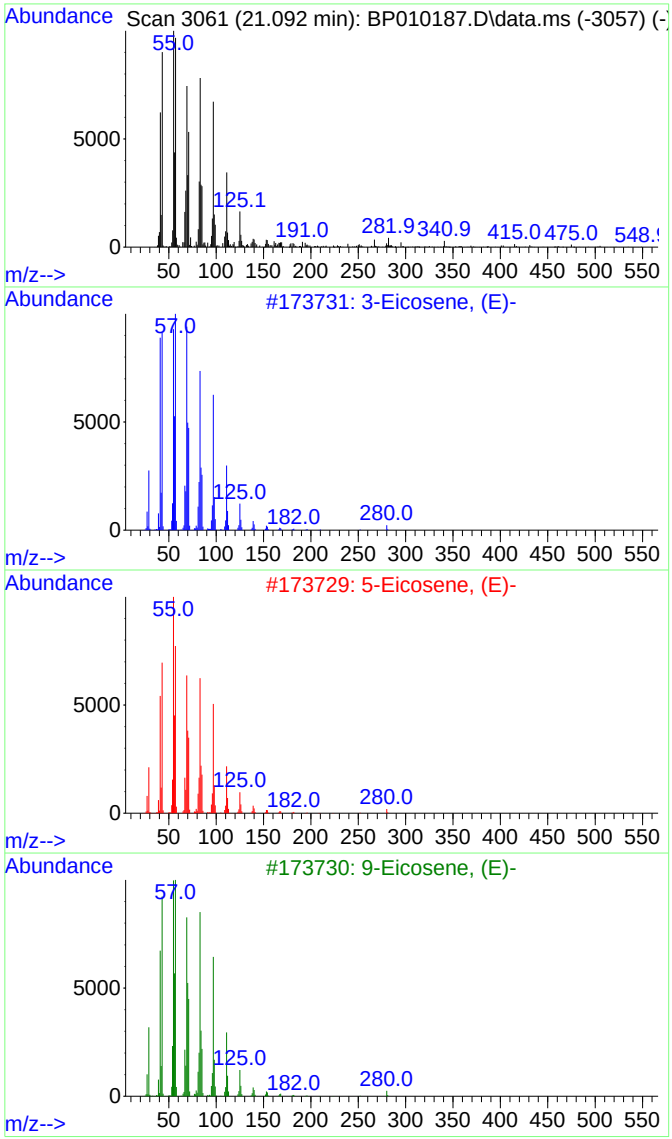
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION

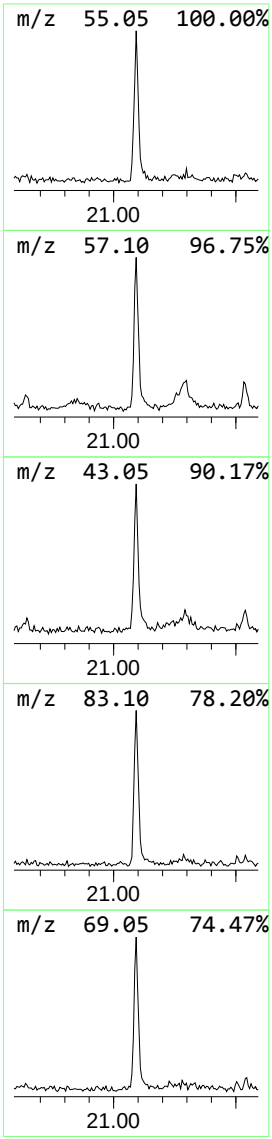
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.51 ng/ul	219798	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.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
Hexadecanoic ac...	17.974	3.6	ng/ul	394561	4	17.304	2197260	20.0
11-Octadecenoic...	19.104	9.1	ng/ul	1000780	4	17.304	2197260	20.0
Methyl stearate	19.233	2.2	ng/ul	243780	4	17.304	2197260	20.0
(DEL) Alkane: S...	21.092	2.5	ng/ul	219798	5	21.386	1752940	20.0