LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022522.D
Acq On : 22 Oct 2024 02:58
Operator : RC/JU
Sample : P4414-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F86

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	41	rVB	17929	23032	0.75%	0.073%
2	3.611	102	106	118	rBV	252006	375878	12.31%	1.194%
3	3.928	156	160	164	rVB	9302	12594	0.41%	0.040%
4	6.375	570	576	581	rVB6	4681	8102	0.27%	0.026%
5	6.816	646	651	652	rBV4	4439	6050	0.20%	0.019%
6	6.858	652	658	672	rVV	351876	632816	20.73%	2.010%
7	7.005	672	683	695	rVV	275986	437660	14.34%	1.390%
8	7.111	699	701	706	rVB6	2541	3164	0.10%	0.010%
9	7.205	711	717	728	rVV	352883	591085	19.37%	1.877%
10	7.663	787	795	803	rBV	373239	599416	19.64%	1.904%
11	7.734	803	807	813	rVB3	7994	13633	0.45%	0.043%
12	7.911	835	837	843	rVB6	1920	3645	0.12%	0.012%
13	8.363	906	914	933	rBV	463576	813146	26.64%	2.582%
14	8.734	972	977	980	rBV6	2158	3593	0.12%	0.011%
15	8.799	980	988	998	rBV	352780	599217	19.63%	1.903%
16	8.958	1012	1015	1020	rVB7	2485	3917	0.13%	0.012%
17	9.210	1052	1058	1065	rVB2	13970	21903	0.72%	0.070%
18	9.358	1077	1083	1092	rBV2	43526	69456	2.28%	0.221%
19	9.516	1102	1110	1122	rBV	323871	546950	17.92%	1.737%
20	9.863	1164	1169	1173	rBV2	5719	8889	0.29%	0.028%
21	10.052	1191	1201	1217	rBV	460399	885134	29.00%	2.811%
22	10.422	1256	1264	1271	rBV	502500	856733	28.07%	2.721%
23	10.557	1279	1287	1306	rBV	407253	734774	24.07%	2.333%
24	10.963	1350	1356	1365	rBV6	10108	21893	0.72%	0.070%
25	11.228	1396	1401	1405	rBV8	2321	4776	0.16%	0.015%
26	11.687	1474	1479	1485	rVB5	5676	9253	0.30%	0.029%
27	11.834	1499	1504	1507	rBV7	2724	3681	0.12%	0.012%
28	11.916	1515	1518	1521	rBV5	2544	3964	0.13%	0.013%
29	12.004	1526	1533	1540	rVV	9098	17964	0.59%	0.057%
30	13.087	1712	1717	1724	rBV3	6532	11492	0.38%	0.036%
31	13.204	1733	1737	1740	rBV5	2334	4354	0.14%	0.014%
32	13.228	1740	1741	1748	rVB7	3482	4095	0.13%	0.013%
33	13.587	1797	1802	1810	rBV10	8165	14026	0.46%	0.045%
34	13.675	1810	1817	1827	rBV	935783	1340121	43.91%	4.256%
35	13.798	1834	1838	1845	rVB9	2980	6990	0.23%	0.022%
36	13.963	1857	1866	1877	rBV	997883	1584834	51.92%	5.033%

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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

37	14.110	1885	1891	1895	rBV9	6702	12273	0.40%	0.039%
38	14.175	1899	1902	1907	rVB7	3735	5038	0.17%	0.016%
39	14.269	1909	1918	1925	rBV	918080	1305217	42.76%	4.145%
40	14.340	1925	1930	1935	rVV5	12586	23618	0.77%	0.075%
41	14.393	1935	1939	1943	rVB7	4804	7160	0.23%	0.023%
42	14.510	1951	1959	1970	rBV	300145	589591	19.32%	1.872%
43	14.645	1978	1982	1983	rBV4	2830	3260	0.11%	0.010%
44	14.698	1989	1991	1997	rVB6	8940	12000	0.39%	0.038%
45	14.881	2018	2022	2023	rBV4	2917	3512	0.12%	0.011%
46	14.951	2032	2034	2040	rVB7	3513	4405	0.14%	0.014%
47	15.075	2050	2055	2058	rBV7	2625	5079	0.17%	0.016%
48	15.281	2083	2090	2096	rBV	1422353	2055406	67.34%	6.527%
49	15.334	2096	2099	2105	rVB	12309	18147	0.59%	0.058%
50	15.416	2106	2113	2124	rBV	281888	451653	14.80%	1.434%
51	15.528	2129	2132	2140	rVB8	8395	17976	0.59%	0.057%
52	15.645	2147	2152	2165	rVB	353554	446699	14.63%	1.419%
53	15.787	2174	2176	2179	rBV4	2843	3444	0.11%	0.011%
54	16.016	2209	2215	2217	rBV7	4421	7052	0.23%	0.022%
55	16.169	2232	2241	2246	rBV7	7169	21570	0.71%	0.068%
56	16.481	2289	2294	2298	rBV8	10779	17735	0.58%	0.056%
57	16.604	2312	2315	2317	rBV4	3646	3317	0.11%	0.011%
58	16.716	2331	2334	2343	rVB6	8827	17985	0.59%	0.057%
59	16.892	2360	2364	2370	rVB	9123	14747	0.48%	0.047%
60	17.063	2387	2393	2398	rBV	1188994	1751194	57.37%	5.561%
61	17.110	2398	2401	2406	rVV	158278	232574	7.62%	0.739%
62	17.175	2406	2412	2423	rVV2	1441813	2384314	78.12%	7.572%
63	17.281	2424	2430	2442	rVV2	14799	36824	1.21%	0.117%
64	17.457	2456	2460	2463	rBV5	11802	20786	0.68%	0.066%
65	17.886	2528	2533	2538	rBV8	15269	30709	1.01%	0.098%
66	18.004	2545	2553	2568	rBV2	272189	474742	15.55%	1.508%
67	18.175	2578	2582	2588	rBV3	28359	49721	1.63%	0.158%
68	18.316	2602	2606	2610	rBV6	15058	25992	0.85%	0.083%
69	18.545	2641	2645	2651	rVB3	15445	25194	0.83%	0.080%
70	19.098	2737	2739	2744	rVB2	31357	34023	1.11%	0.108%
71	19.198	2748	2756	2762	rBV	391085	603485	19.77%	1.916%
72	19.339	2777	2780	2789	rBV3	72074	97606	3.20%	0.310%
73	19.551	2810	2816	2820	rBV	2082278	3052303	100.00%	9.693%
74	19.616	2824	2827	2833	rVB	169242	256882	8.42%	0.816%
75	20.216	2925	2929	2932	rVB2	43308	56984	1.87%	0.181%
76	21.186	3090	3094	3100	rBV4	143216	249203	8.16%	0.791%

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ClientSampleId :
A4F86

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	21.510	3141	3149	3154	rBV	1223970	2234855	73.22%	7.097%
78	22.369	3293	3295	3299	rBV2	61603	69112	2.26%	0.219%
79	24.551	3658	3666	3674	rBV	1220346	2554869	83.70%	8.113%
80	24.780	3695	3705	3715	rVB	664849	1923562	63.02%	6.108%

Sum of corrected areas: 31490048

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Operator : RC/JU
Sample : P4414-23
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Instrument :
BNA_P
ClientSampleId :
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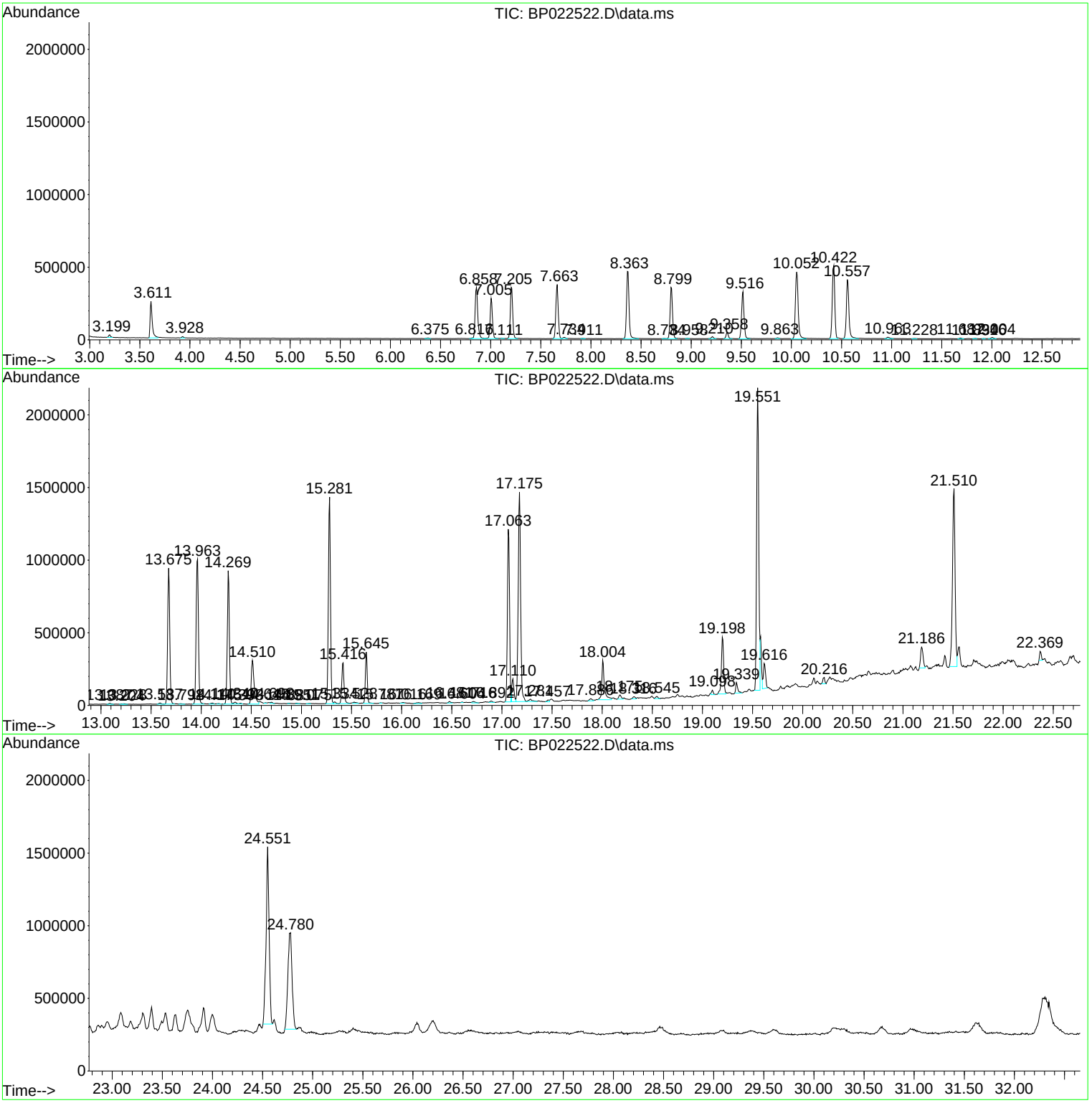
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

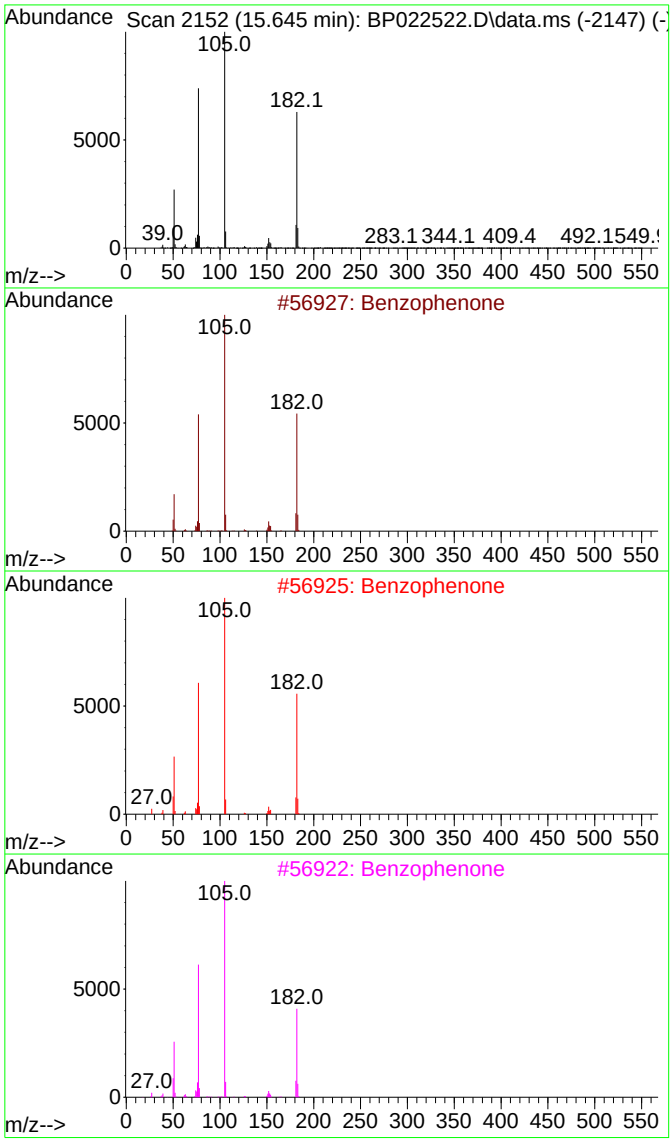
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

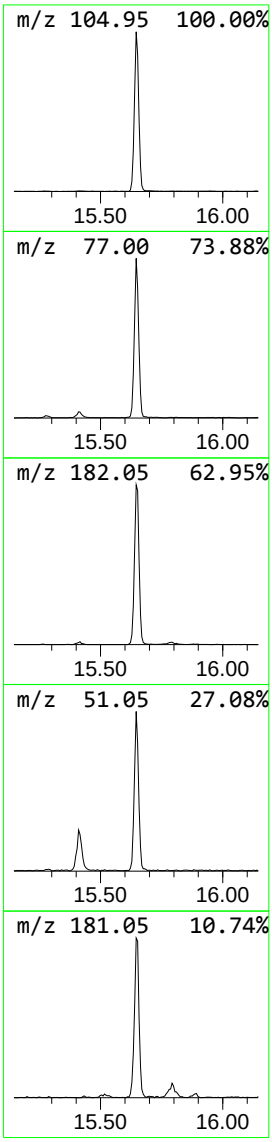
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	6.84 ng/ul	446699	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	89





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F86

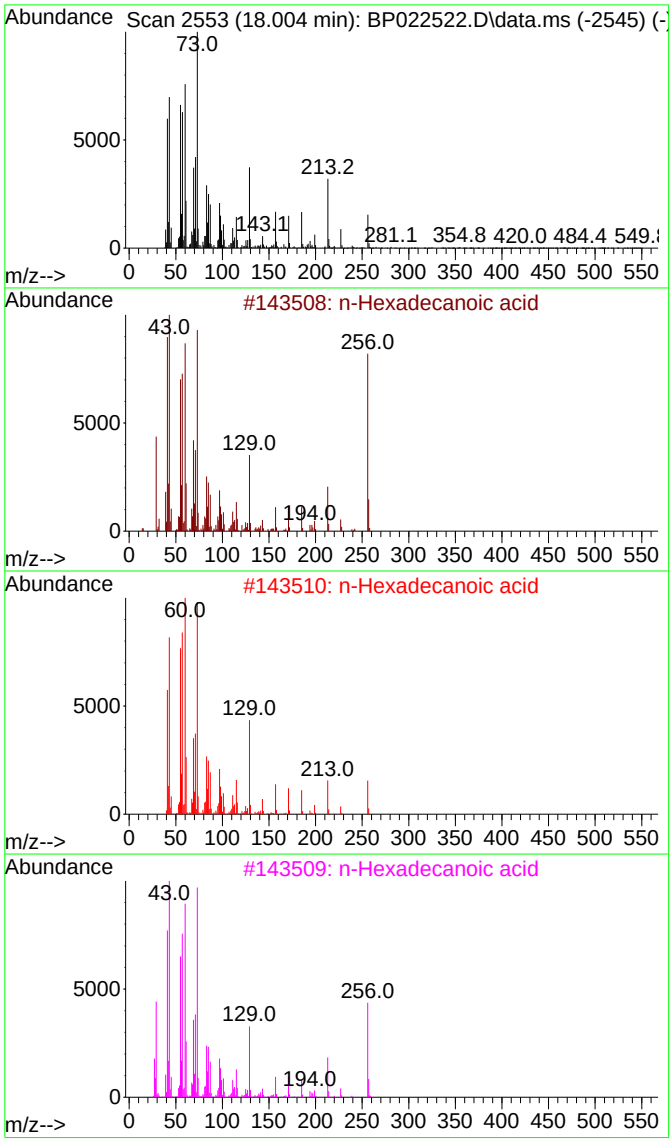
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

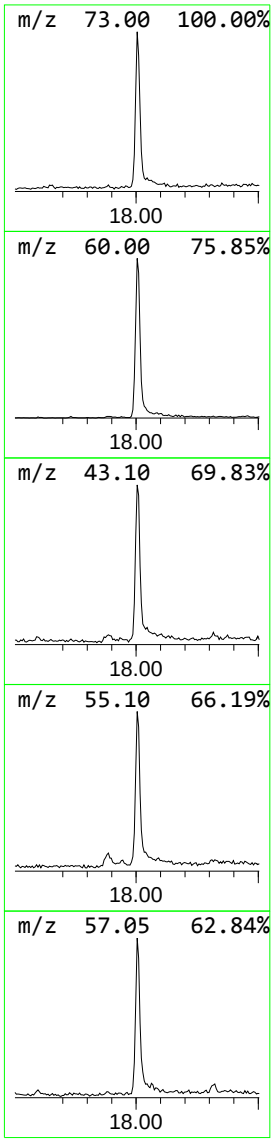
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	5.42 ng/ul	474742	Phenanthrene-d10	17.063

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Acq On : 22 Oct 2024 02:58
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Sample : P4414-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F86

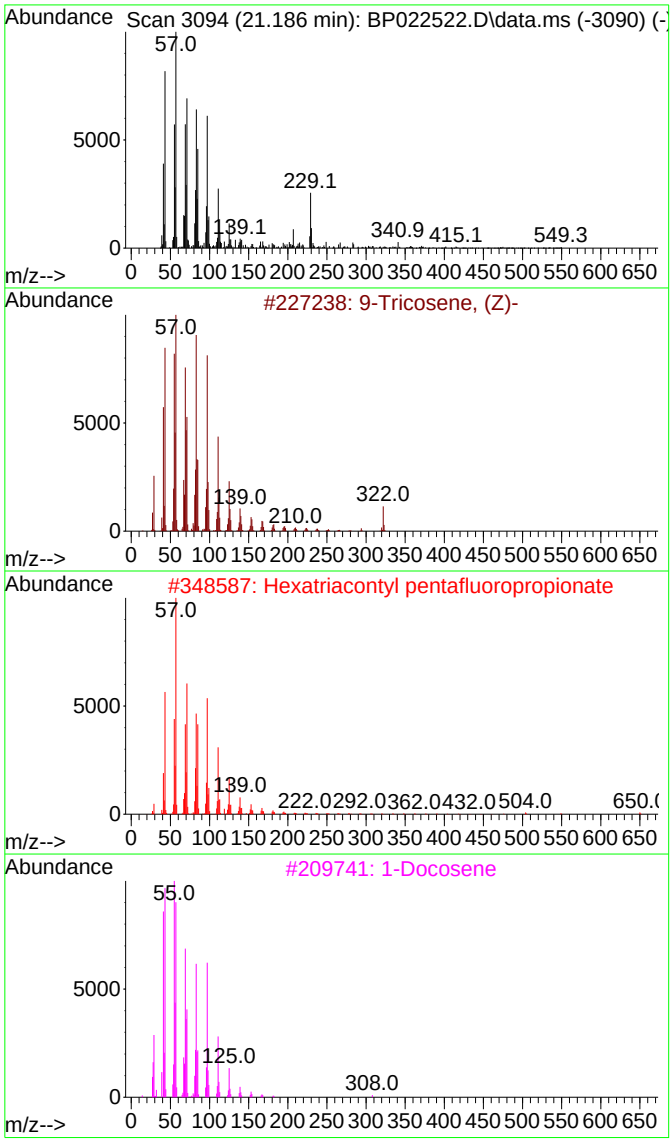
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

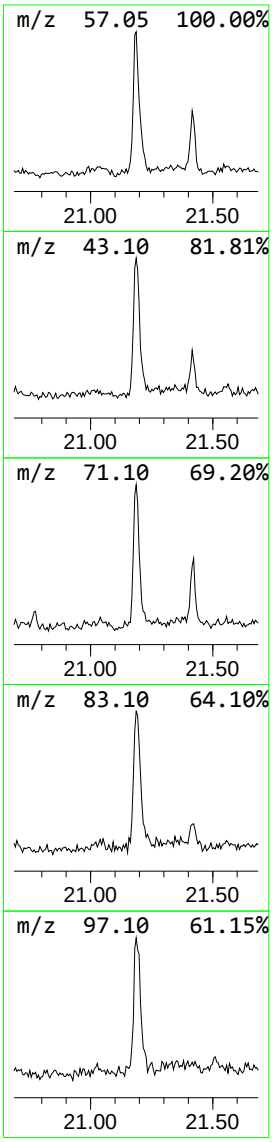
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.23 ng/ul	249203	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	83
3	1-Docosene	308	C22H44	001599-67-3	78
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	68





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.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
Benzophenone	15.645	6.8	ng/ul	446699	3	14.269	1305220	20.0
n-Hexadecanoic ...	18.004	5.4	ng/ul	474742	4	17.063	1751190	20.0
(DEL) Alkane: S...	21.186	2.2	ng/ul	249203	5	21.510	2234860	20.0