LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015000.D
Acq On : 08 May 2023 19:00
Operator : CG/JU
Sample : 02589-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JRED1

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-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.458	9	12	20	rVB	29018	45672	0.92%	0.084%
2	3.946	93	95	100	rBV3	8678	13462	0.27%	0.025%
3	4.011	103	106	112	rVB	24989	34116	0.69%	0.063%
4	4.140	125	128	133	rVB2	15807	23236	0.47%	0.043%
5	4.240	142	145	150	rVB2	16425	22813	0.46%	0.042%
6	5.193	304	307	315	rVB	10889	19380	0.39%	0.036%
7	5.293	322	324	328	rBV4	4072	5247	0.11%	0.010%
8	5.816	410	413	417	rVB	6581	9542	0.19%	0.018%
9	6.822	579	584	591	rVB	36290	57664	1.16%	0.106%
10	7.304	659	666	678	rBV	551161	904404	18.26%	1.660%
11	7.481	690	696	709	rVB	528723	838538	16.93%	1.539%
12	7.687	724	731	741	rBV	590795	951591	19.21%	1.747%
13	7.769	741	745	753	rVB3	8994	14986	0.30%	0.028%
14	8.163	803	812	820	rBV	1177225	1871505	37.78%	3.435%
15	8.869	924	932	943	rBV	676118	1123622	22.68%	2.062%
16	8.998	948	954	961	rVB	31909	54283	1.10%	0.100%
17	9.340	1005	1012	1024	rBV	591014	988211	19.95%	1.814%
18	9.740	1074	1080	1086	rVB2	12247	19278	0.39%	0.035%
19	10.069	1129	1136	1148	rBV	457605	775228	15.65%	1.423%
20	10.293	1169	1174	1179	rBV8	2770	6964	0.14%	0.013%
21	10.404	1189	1193	1202	rVB10	4606	10844	0.22%	0.020%
22	10.610	1221	1228	1243	rBV	737610	1277233	25.79%	2.344%
23	10.769	1251	1255	1263	rVB	6247	12344	0.25%	0.023%
24	10.998	1285	1294	1303	rBV	1864613	3028998	61.15%	5.559%
25	11.134	1309	1317	1336	rBV	402532	742283	14.99%	1.362%
26	11.528	1379	1384	1392	rBV	6246	11982	0.24%	0.022%
27	11.792	1423	1429	1430	rBV6	4711	7780	0.16%	0.014%
28	12.398	1528	1532	1535	rVB5	6147	8144	0.16%	0.015%
29	12.481	1541	1546	1551	rBV7	5650	9894	0.20%	0.018%
30	12.569	1557	1561	1571	rVB3	13199	26799	0.54%	0.049%
31	12.787	1593	1598	1602	rBV8	3033	6376	0.13%	0.012%
32	13.175	1659	1664	1666	rBV5	5002	8965	0.18%	0.016%
33	13.410	1700	1704	1710	rBV8	5553	10140	0.20%	0.019%
34	13.616	1733	1739	1746	rBV2	13720	22107	0.45%	0.041%
35	13.692	1746	1752	1761	rVV	53121	92211	1.86%	0.169%
36	13.775	1764	1766	1773	rVB8	5024	8944	0.18%	0.016%

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Sample : 02589-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JRED1

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-BP050323.MA.M
Title : SVOA CALIBRATION

37	14.128	1822	1826	1829	rVB6	3673	5224	0.11%	0.010%
38	14.204	1831	1839	1849	rBV	1361553	1916584	38.69%	3.518%
39	14.328	1854	1860	1863	rVB8	5973	9485	0.19%	0.017%
40	14.504	1883	1890	1903	rBV	1791909	2629889	53.09%	4.827%
41	14.686	1918	1921	1924	rVB3	7660	9176	0.19%	0.017%
42	14.810	1935	1942	1950	rBV	2898448	4250549	85.81%	7.801%
43	14.992	1967	1973	1993	rBV	219698	423802	8.56%	0.778%
44	15.216	2006	2011	2016	rVB9	11616	19691	0.40%	0.036%
45	15.798	2101	2110	2117	rBV	2260306	3210282	64.81%	5.892%
46	15.916	2124	2130	2141	rBV	483487	673691	13.60%	1.236%
47	16.039	2147	2151	2157	rVB4	13435	20870	0.42%	0.038%
48	16.163	2165	2172	2182	rVB	223498	317746	6.41%	0.583%
49	16.504	2226	2230	2236	rVB9	7649	15965	0.32%	0.029%
50	16.657	2252	2256	2258	rBV5	6210	8281	0.17%	0.015%
51	16.692	2258	2262	2274	rVB5	18106	36503	0.74%	0.067%
52	16.822	2277	2284	2285	rBV7	3633	7561	0.15%	0.014%
53	16.939	2301	2304	2308	rBV5	9870	13990	0.28%	0.026%
54	17.239	2352	2355	2358	rVB5	4826	6750	0.14%	0.012%
55	17.298	2363	2365	2369	rVV5	6441	8082	0.16%	0.015%
56	17.345	2370	2373	2377	rVB2	8368	12921	0.26%	0.024%
57	17.439	2385	2389	2392	rBV6	12145	18764	0.38%	0.034%
58	17.510	2397	2401	2403	rBV4	9080	11396	0.23%	0.021%
59	17.563	2404	2410	2420	rBV	3513479	4953224	100.00%	9.091%
60	17.663	2420	2427	2439	rBV	2484260	3444342	69.54%	6.322%
61	18.033	2487	2490	2494	rBV	44617	59279	1.20%	0.109%
62	18.204	2517	2519	2524	rVB4	10747	11710	0.24%	0.021%
63	18.304	2531	2536	2542	rBV	77534	121478	2.45%	0.223%
64	18.363	2542	2546	2550	rBV2	52315	74326	1.50%	0.136%
65	18.422	2551	2556	2566	rBV	812580	1189960	24.02%	2.184%
66	19.121	2673	2675	2681	rVB5	18048	23801	0.48%	0.044%
67	19.304	2703	2706	2710	rBV4	22920	26763	0.54%	0.049%
68	19.457	2729	2732	2736	rVB3	38107	49047	0.99%	0.090%
69	19.527	2737	2744	2747	rBV3	78543	147543	2.98%	0.271%
70	19.639	2760	2763	2769	rBV2	121927	191495	3.87%	0.351%
71	19.786	2785	2788	2793	rBV6	31810	35877	0.72%	0.066%
72	19.880	2798	2804	2812	rBV	3058170	4036159	81.49%	7.408%
73	20.304	2872	2876	2880	rBV	155245	188223	3.80%	0.345%
74	20.351	2881	2884	2886	rBV4	53165	65961	1.33%	0.121%
75	20.816	2960	2963	2967	rVB	150189	165867	3.35%	0.304%
76	20.857	2968	2970	2974	rVB	96183	94313	1.90%	0.173%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
JRED1

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_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

77	21.315	3044	3048	3056	rBV	770926	1044140	21.08%	1.916%
78	21.492	3075	3078	3082	rBV2	237914	277941	5.61%	0.510%
79	21.557	3087	3089	3094	rVB2	99918	124264	2.51%	0.228%
80	21.645	3099	3104	3115	rVV	3119324	4250663	85.82%	7.802%
81	21.774	3123	3126	3132	rVB2	136579	157229	3.17%	0.289%
82	22.268	3207	3210	3212	rBV	135365	158992	3.21%	0.292%
83	22.962	3325	3328	3334	rVB	304214	435722	8.80%	0.800%
84	23.409	3401	3404	3410	rVB	205303	304449	6.15%	0.559%
85	24.074	3511	3517	3531	rVB2	1202110	2768256	55.89%	5.081%
86	24.245	3539	3546	3556	rVB2	1560996	3391170	68.46%	6.224%

Sum of corrected areas: 54484182

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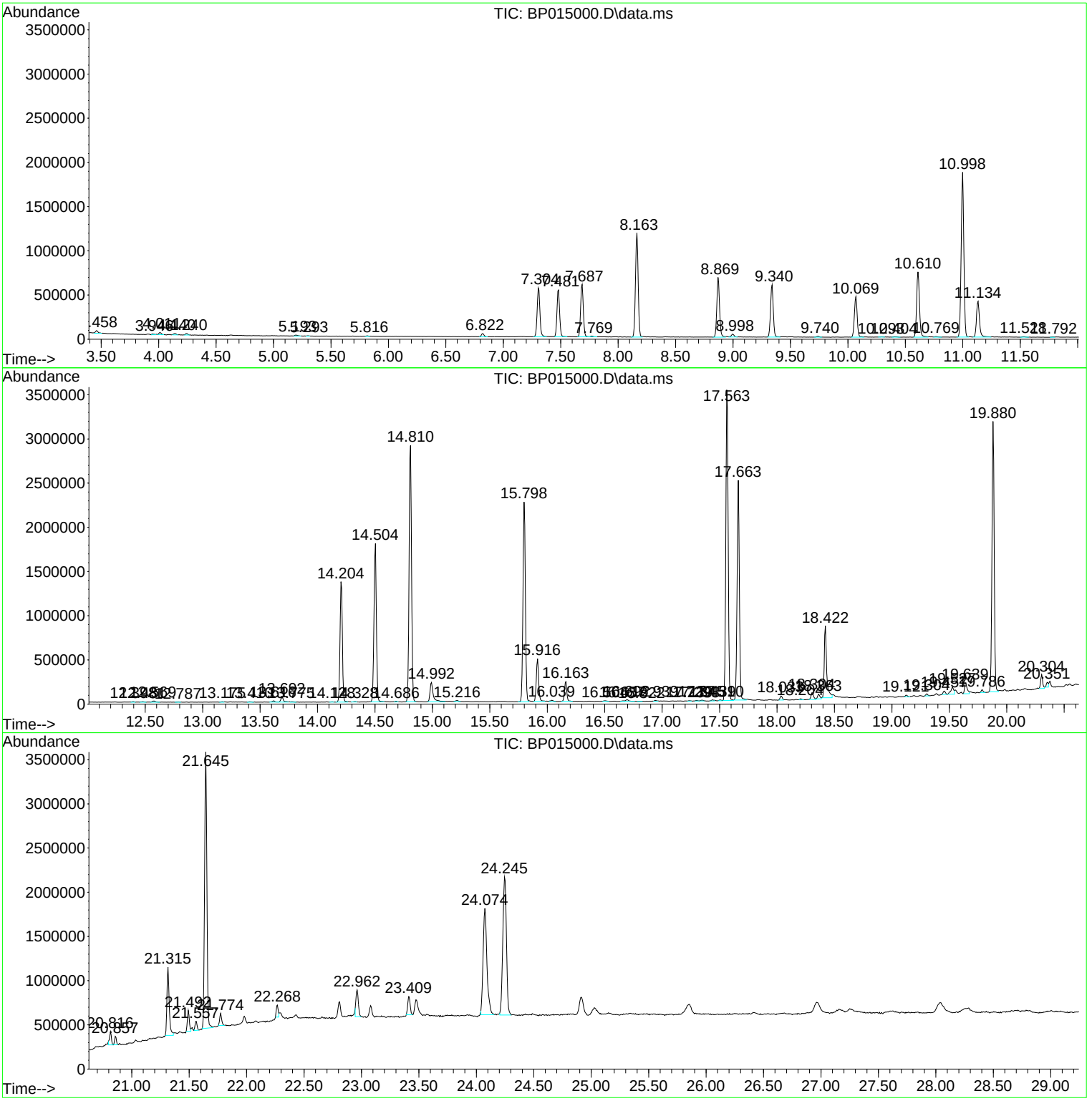
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

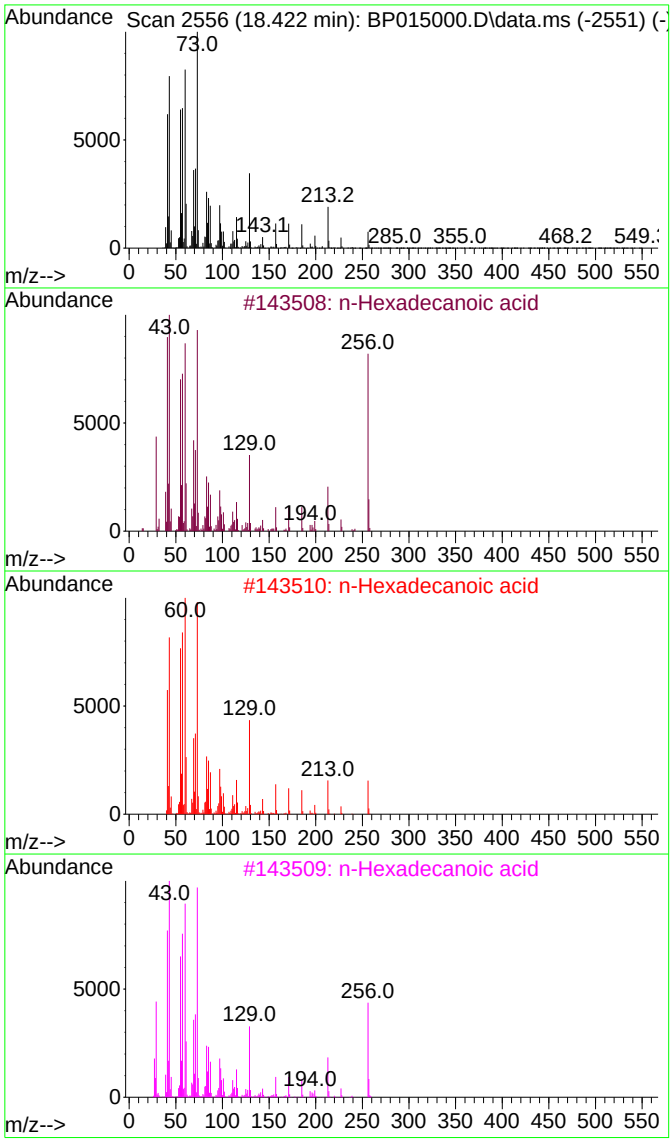
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

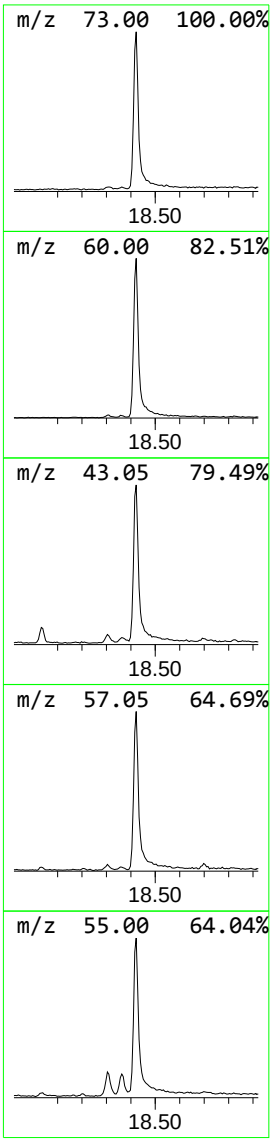
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	4.80 ng/ul	1189960	Phenanthrene-d10	17.563

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Data File : BP015000.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JRED1

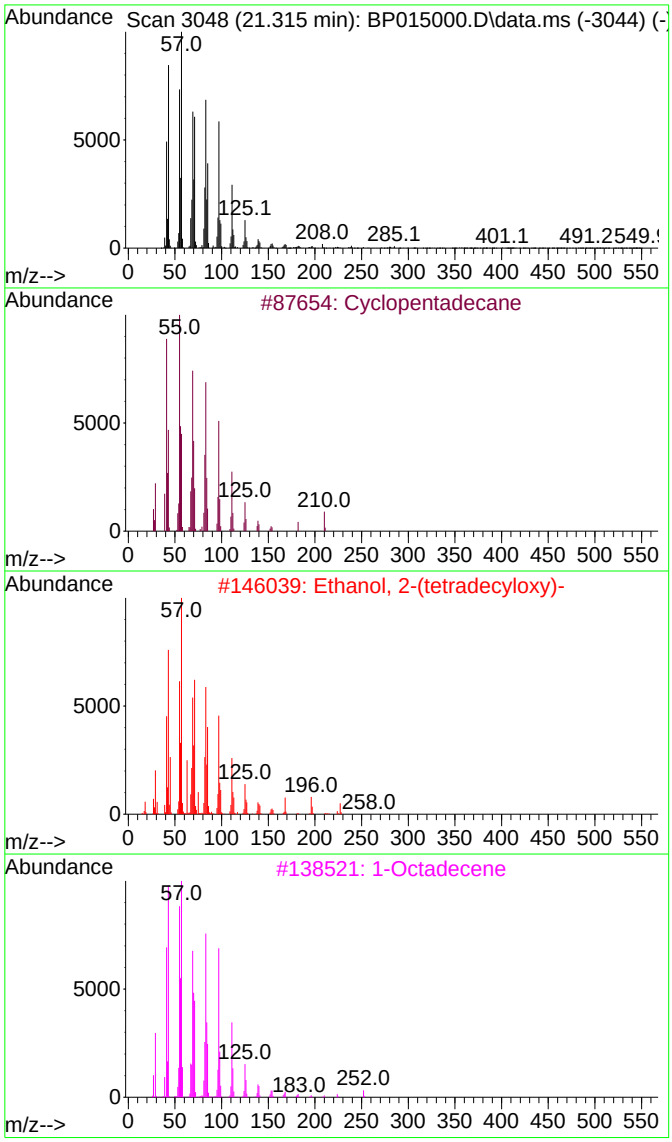
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

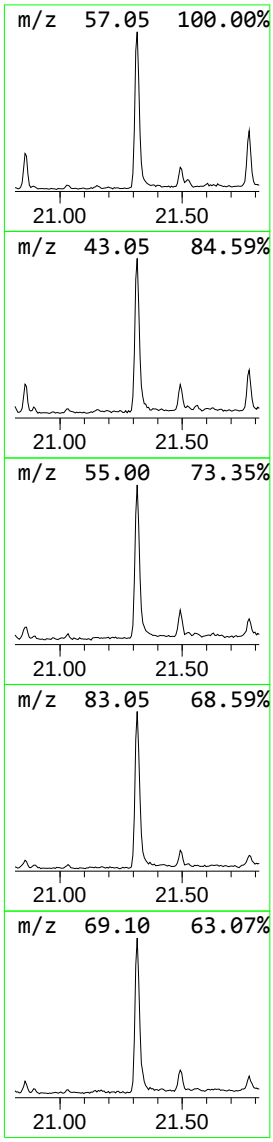
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic21.316 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	4.91 ng/ul	1044140	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
3	1-Octadecene	252	C18H36	000112-88-9	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
5	Cyclooctacosane	392	C28H56	000297-24-5	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

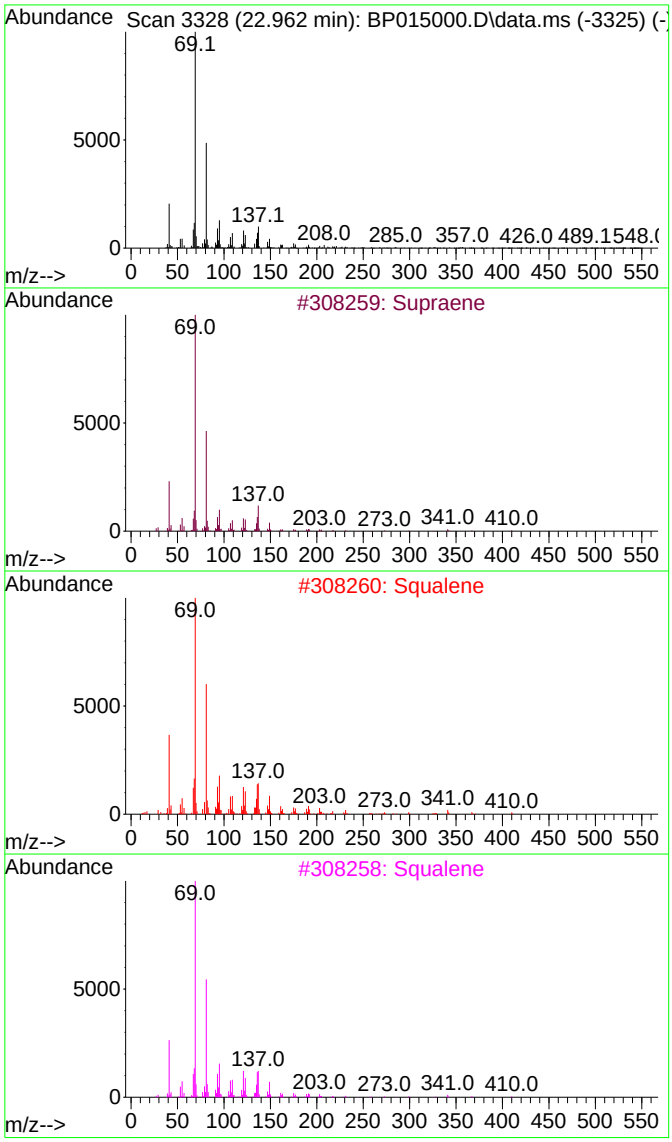
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

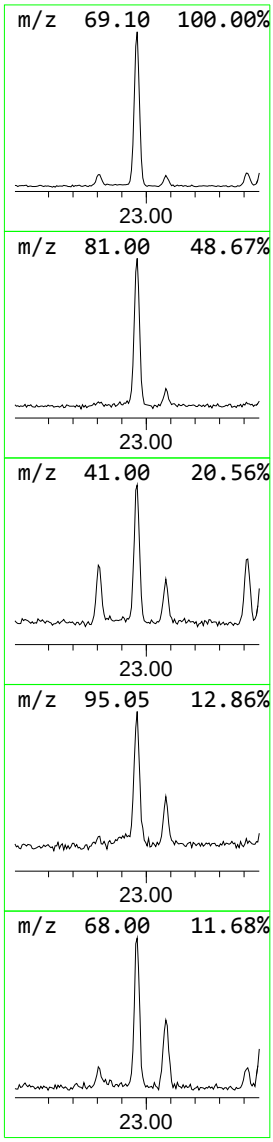
****

Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.962	2.57 ng/ul	435722	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	000111-02-4	90
3	Squalene	410	C30H50	000111-02-4	89
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	78





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
n-Hexadecanoic ...	18.422	4.8	ng/ul	1189960	4	17.563	4953220	20.0
(DEL) Alkane: C...	21.316	4.9	ng/ul	1044140	5	21.645	4250660	20.0
Supraene	22.962	2.6	ng/ul	435722	6	24.245	3391170	20.0