LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029769.D
Acq On : 14 Feb 2024 14:16
Operator : MA/JU
Sample : P1286-19
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BH6W2

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029769.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.322	37	40	46	rBV	52933	68216	1.68%	0.147%
2	3.734	106	110	126	rBV	583506	928836	22.88%	2.003%
3	4.058	162	165	168	rVB2	12690	14137	0.35%	0.030%
4	5.969	487	490	494	rBV5	4415	6827	0.17%	0.015%
5	6.869	641	643	648	rVB5	3788	5797	0.14%	0.013%
6	7.040	665	672	685	rBV	841665	1334597	32.87%	2.878%
7	7.210	695	701	715	rVB	639328	1039030	25.59%	2.241%
8	7.399	726	733	746	rBV	836592	1329678	32.75%	2.868%
9	7.869	804	813	821	rBV	673264	1063743	26.20%	2.294%
10	7.934	821	824	831	rVB4	7883	12128	0.30%	0.026%
11	8.581	927	934	944	rBV	1008385	1631335	40.18%	3.518%
12	9.034	1003	1011	1024	rBV	775296	1307292	32.20%	2.819%
13	9.204	1036	1040	1044	rVB6	5917	8556	0.21%	0.018%
14	9.422	1074	1077	1083	rVB6	5229	8975	0.22%	0.019%
15	9.757	1125	1134	1140	rBV	629396	1070540	26.37%	2.309%
16	10.287	1217	1224	1241	rBV	941496	1613738	39.75%	3.480%
17	10.451	1248	1252	1256	rBV7	5481	7452	0.18%	0.016%
18	10.669	1279	1289	1297	rBV	827637	1405980	34.63%	3.032%
19	10.816	1306	1314	1327	rBV	945009	1672840	41.20%	3.608%
20	12.093	1526	1531	1537	rBV8	3177	6749	0.17%	0.015%
21	12.263	1554	1560	1566	rVB3	16249	27374	0.67%	0.059%
22	13.051	1692	1694	1699	rVB6	3923	5072	0.12%	0.011%
23	13.104	1699	1703	1704	rBV4	3139	4490	0.11%	0.010%
24	13.134	1704	1708	1712	rVB7	2312	4486	0.11%	0.010%
25	13.340	1740	1743	1748	rVB5	8589	13809	0.34%	0.030%
26	13.416	1748	1756	1764	rBV	59914	101702	2.50%	0.219%
27	13.481	1764	1767	1771	rBV6	4488	5966	0.15%	0.013%
28	13.740	1809	1811	1816	rBV5	2933	4282	0.11%	0.009%
29	13.934	1837	1844	1854	rBV	1649220	2296124	56.55%	4.952%
30	13.998	1854	1855	1859	rVV4	5636	4954	0.12%	0.011%
31	14.045	1859	1863	1866	rVB6	2476	4234	0.10%	0.009%
32	14.204	1882	1890	1898	rBV2	1858818	2769550	68.21%	5.973%
33	14.422	1922	1927	1931	rVB4	10084	14077	0.35%	0.030%
34	14.510	1935	1942	1950	rBV	1055294	1590912	39.18%	3.431%
35	14.722	1970	1978	1992	rBV	693948	1126273	27.74%	2.429%
36	14.881	2003	2005	2008	rVB4	4583	4583	0.11%	0.010%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

37	14.939	2008	2015	2021	rVB4	7187	14646	0.36%	0.032%
38	15.104	2038	2043	2046	rBV7	4062	5716	0.14%	0.012%
39	15.375	2085	2089	2093	rVB2	13185	17799	0.44%	0.038%
40	15.510	2103	2112	2126	rBV	2304435	3306743	81.45%	7.132%
41	15.634	2126	2133	2146	rVV	591270	846379	20.85%	1.825%
42	15.745	2149	2152	2156	rVV2	14435	21971	0.54%	0.047%
43	15.781	2156	2158	2164	rVB7	5660	7240	0.18%	0.016%
44	15.928	2181	2183	2189	rBV6	4243	7306	0.18%	0.016%
45	15.992	2192	2194	2199	rVB5	3833	4555	0.11%	0.010%
46	16.239	2232	2236	2242	rBV6	12661	27143	0.67%	0.059%
47	16.292	2242	2245	2252	rVB8	9229	16615	0.41%	0.036%
48	16.675	2305	2310	2313	rBV7	11934	17320	0.43%	0.037%
49	16.816	2331	2334	2337	rBV5	3776	5531	0.14%	0.012%
50	17.033	2367	2371	2375	rBV6	10584	16064	0.40%	0.035%
51	17.081	2377	2379	2383	rVB5	4192	5547	0.14%	0.012%
52	17.198	2396	2399	2404	rBV7	3782	5143	0.13%	0.011%
53	17.263	2404	2410	2417	rBV	1243879	1764899	43.47%	3.806%
54	17.363	2420	2427	2438	rBV2	2362198	3455969	85.12%	7.454%
55	17.445	2438	2441	2443	rVV4	11883	16652	0.41%	0.036%
56	17.469	2443	2445	2448	rVB4	14549	15240	0.38%	0.033%
57	17.663	2473	2478	2484	rBV8	12849	21209	0.52%	0.046%
58	17.780	2495	2498	2501	rVB3	11997	12950	0.32%	0.028%
59	17.957	2524	2528	2533	rVB2	16497	22066	0.54%	0.048%
60	18.045	2539	2543	2550	rBV7	14577	22602	0.56%	0.049%
61	18.180	2560	2566	2582	rBV	319220	507263	12.49%	1.094%
62	18.475	2612	2616	2619	rBV3	14282	21591	0.53%	0.047%
63	18.610	2635	2639	2644	rVB	52568	62584	1.54%	0.135%
64	18.845	2677	2679	2684	rVB6	5440	5896	0.15%	0.013%
65	18.975	2699	2701	2707	rBV6	5877	8697	0.21%	0.019%
66	19.227	2740	2744	2748	rVB2	31680	44054	1.09%	0.095%
67	19.298	2753	2756	2761	rVV3	28917	51520	1.27%	0.111%
68	19.339	2761	2763	2768	rVB5	15810	19656	0.48%	0.042%
69	19.463	2780	2784	2791	rBV	92267	124714	3.07%	0.269%
70	19.663	2812	2818	2827	rBV	2775401	3950770	97.31%	8.521%
71	20.233	2913	2915	2919	rVB3	26635	26707	0.66%	0.058%
72	20.733	2997	3000	3003	rVB	34072	36928	0.91%	0.080%
73	21.192	3074	3078	3094	rVB	459538	672170	16.56%	1.450%
74	21.463	3120	3124	3130	rBV	1344904	1796090	44.24%	3.874%
75	21.645	3153	3155	3162	rVB2	59077	68584	1.69%	0.148%
76	22.739	3336	3341	3349	rVB	508757	778925	19.19%	1.680%

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Title : SVOA CALIBRATION

77	23.686	3494	3502	3513	rVB	2007023	4060071	100.00%	8.756%
78	23.839	3521	3528	3536	rVB	925235	1958745	48.24%	4.224%

Sum of corrected areas: 46366604

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Instrument :
BNA_N
ClientSampleId :
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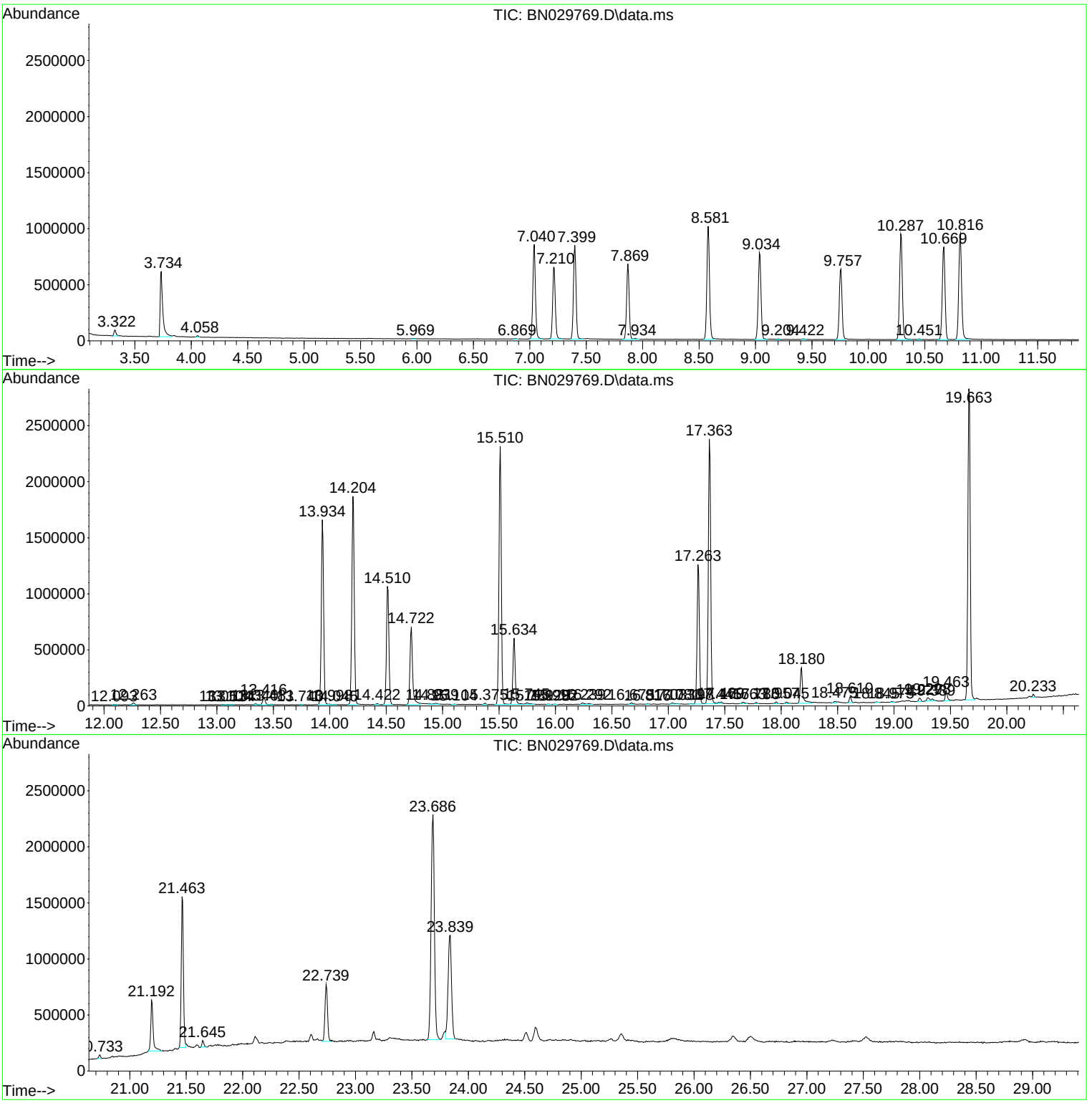
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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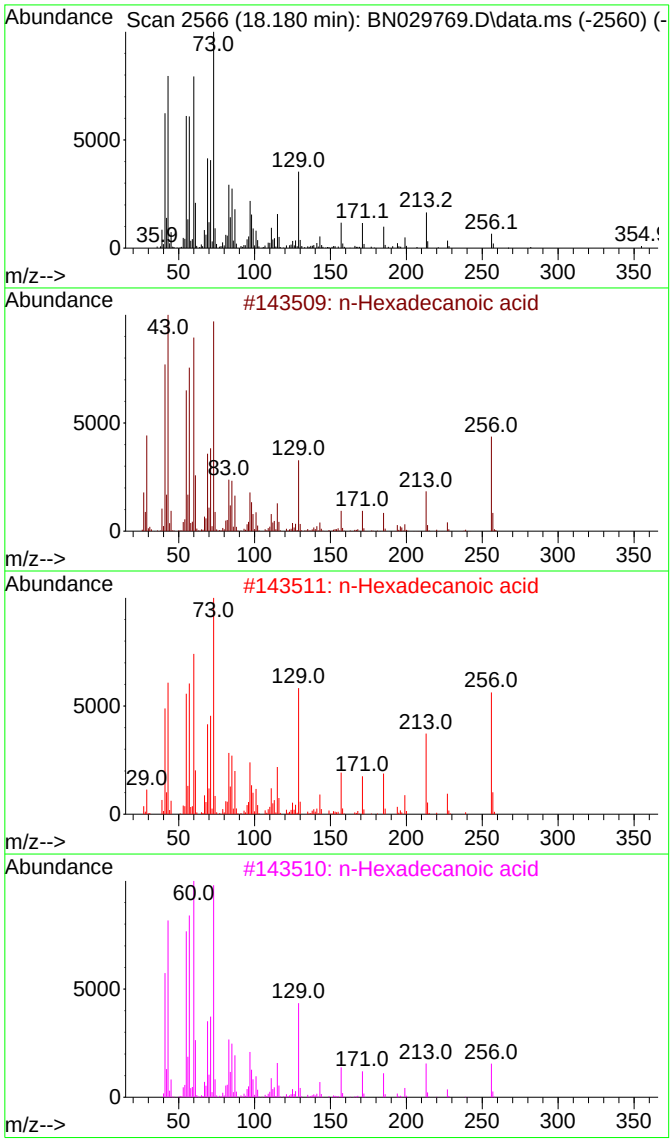
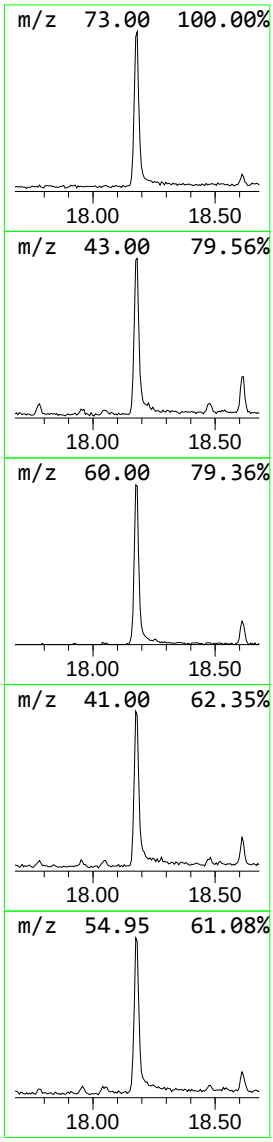
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	5.75 ng/ul	507263	Phenanthrene-d10	17.263

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	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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

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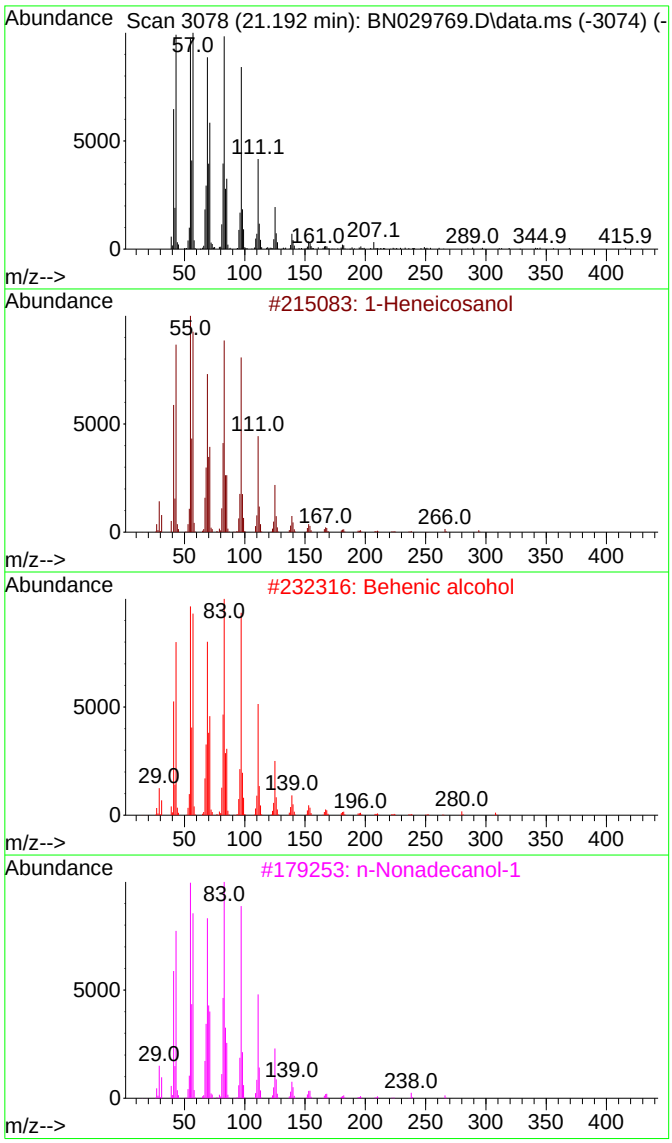
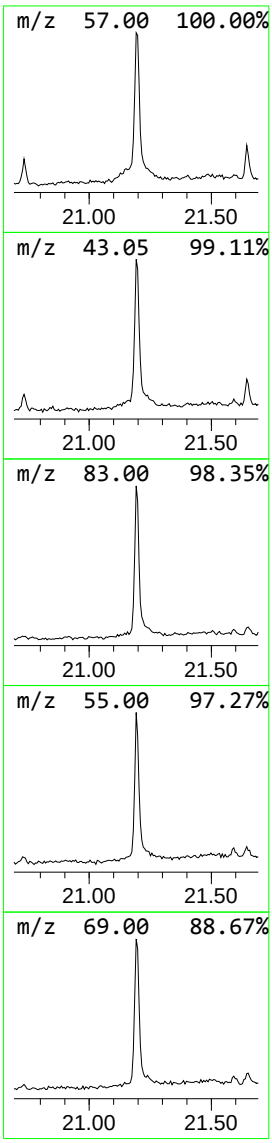
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	7.48 ng/ul	672170	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Sample : P1286-19
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH6W2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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

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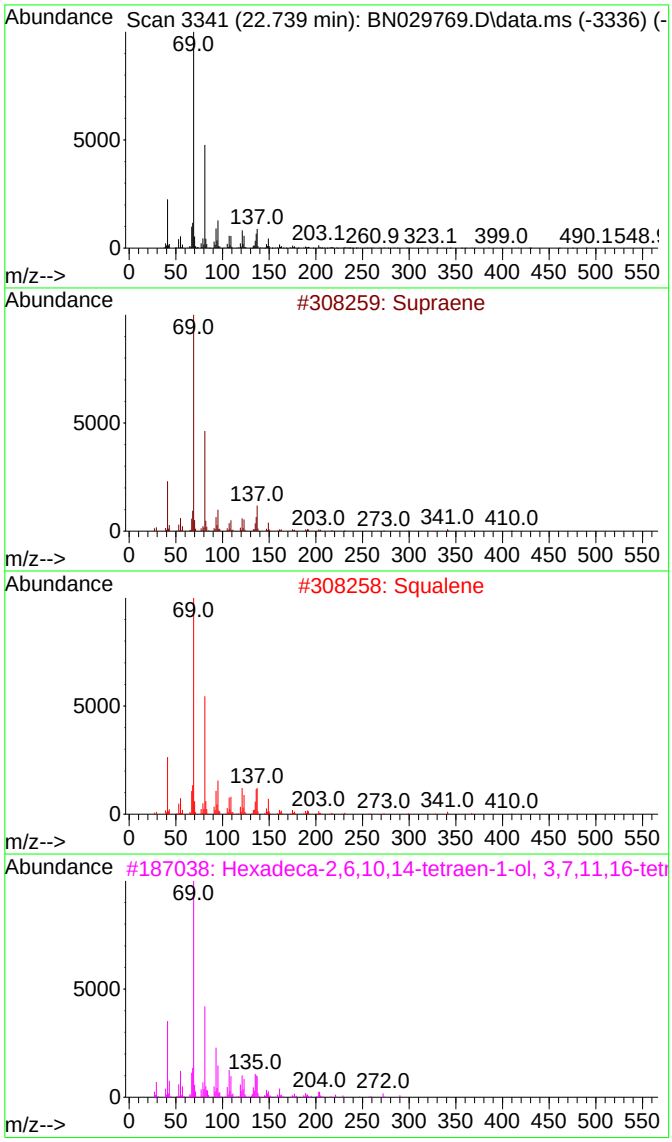
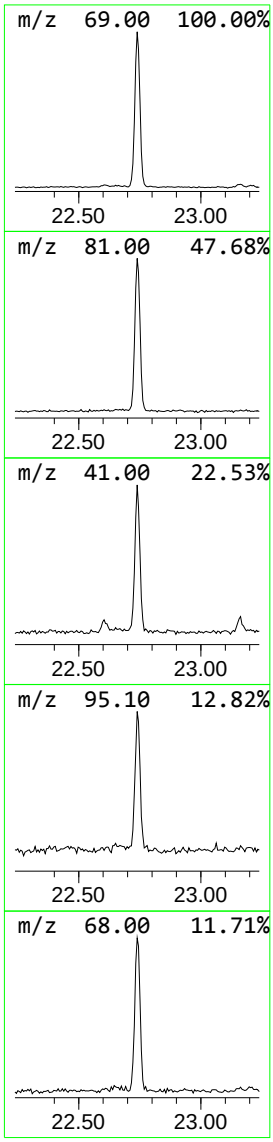
Peak Number 3 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.739	7.95 ng/ul	778925	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	86
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Tentatively Identified Compound (LSC) summary

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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 ...	18.180	5.8	ng/ul	507263	4	17.263	1764900	20.0
1-Heneicosanol	21.192	7.5	ng/ul	672170	5	21.463	1796090	20.0
Supraene	22.739	8.0	ng/ul	778925	6	23.839	1958750	20.0