LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048569.D
Acq On : 09 Nov 2024 17:13
Operator : RC/JU
Sample : P4644-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CE8

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_M\Methods\SFAM-EPA-BM110724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	20	25	33	rVB	40072	64511	1.42%	0.141%
2	3.563	95	98	111	rBV	57934	113002	2.48%	0.247%
3	4.228	209	211	215	rBV4	4991	6136	0.13%	0.013%
4	4.310	222	225	229	rVB4	5580	8554	0.19%	0.019%
5	4.375	232	236	244	rVB	24429	35946	0.79%	0.078%
6	4.775	300	304	310	rBV6	3994	8622	0.19%	0.019%
7	6.322	563	567	574	rVB7	5028	9204	0.20%	0.020%
8	6.687	624	629	635	rBV	18130	32079	0.71%	0.070%
9	6.804	646	649	651	rBV2	4620	6206	0.14%	0.014%
10	6.846	651	656	672	rVB	191786	374021	8.22%	0.816%
11	6.998	676	682	695	rBV	568987	923273	20.30%	2.015%
12	7.198	708	716	727	rBV	680773	1115014	24.52%	2.433%
13	7.287	727	731	732	rBV3	5005	5002	0.11%	0.011%
14	7.663	787	795	804	rBV	755903	1257332	27.64%	2.744%
15	8.381	910	917	930	rBV	547591	954622	20.99%	2.083%
16	8.816	984	991	1002	rBV	635587	1084687	23.85%	2.367%
17	8.957	1008	1015	1019	rBV	38405	65563	1.44%	0.143%
18	9.239	1058	1063	1066	rBV3	7174	11558	0.25%	0.025%
19	9.269	1066	1068	1074	rVB7	4859	7586	0.17%	0.017%
20	9.398	1085	1090	1095	rBV4	12870	25529	0.56%	0.056%
21	9.539	1107	1114	1127	rBV	527015	911216	20.03%	1.988%
22	10.081	1198	1206	1228	rBV	693100	1427382	31.38%	3.115%
23	10.281	1236	1240	1241	rBV4	5294	6486	0.14%	0.014%
24	10.445	1260	1268	1280	rBV	1074094	1781145	39.16%	3.887%
25	10.616	1291	1297	1306	rBV7	8568	25263	0.56%	0.055%
26	11.028	1363	1367	1374	rBV9	4153	9919	0.22%	0.022%
27	11.728	1483	1486	1491	rVB4	5503	8719	0.19%	0.019%
28	12.057	1537	1542	1548	rVB3	9789	17140	0.38%	0.037%
29	12.280	1574	1580	1583	rBV6	3372	6243	0.14%	0.014%
30	12.528	1617	1622	1626	rBV6	2997	5810	0.13%	0.013%
31	13.280	1743	1750	1756	rVB7	4777	9074	0.20%	0.020%
32	13.722	1819	1825	1841	rBV	1439580	2112375	46.44%	4.610%
33	13.998	1863	1872	1883	rBV	1402085	2196442	48.29%	4.793%
34	14.310	1918	1925	1936	rBV	1616425	2286466	50.27%	4.989%
35	14.439	1943	1947	1953	rVB7	6054	10677	0.23%	0.023%
36	14.551	1960	1966	1983	rBV	99677	265103	5.83%	0.579%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Title : SVOA CALIBRATION

37	14.739	1993	1998	2004	rVB7	11118	20862	0.46%	0.046%
38	15.116	2058	2062	2065	rBV	7180	9808	0.22%	0.021%
39	15.169	2068	2071	2075	rVB5	5028	5948	0.13%	0.013%
40	15.304	2086	2094	2102	rBV	2229564	3198855	70.33%	6.980%
41	15.439	2111	2117	2129	rBV	640210	958909	21.08%	2.093%
42	15.545	2132	2135	2140	rVB4	12340	16645	0.37%	0.036%
43	15.674	2151	2157	2164	rBV	411543	562711	12.37%	1.228%
44	15.863	2184	2189	2194	rBV2	10856	19314	0.42%	0.042%
45	16.033	2215	2218	2225	rVB4	8258	12456	0.27%	0.027%
46	16.204	2240	2247	2248	rBV6	5985	10874	0.24%	0.024%
47	16.233	2248	2252	2257	rVB2	21463	32819	0.72%	0.072%
48	16.404	2278	2281	2285	rBV5	3965	7596	0.17%	0.017%
49	16.468	2288	2292	2298	rVV5	10395	14324	0.31%	0.031%
50	16.545	2300	2305	2312	rBV7	16434	31702	0.70%	0.069%
51	16.821	2348	2352	2353	rBV4	4339	4750	0.10%	0.010%
52	16.933	2368	2371	2375	rBV6	3178	4886	0.11%	0.011%
53	16.980	2375	2379	2384	rVV6	6438	9446	0.21%	0.021%
54	17.057	2385	2392	2402	rVV	1844058	2637573	57.99%	5.756%
55	17.157	2402	2409	2420	rVV	2474189	3613952	79.46%	7.886%
56	17.239	2420	2423	2428	rVB6	10091	15281	0.34%	0.033%
57	17.345	2436	2441	2445	rVB3	7786	11900	0.26%	0.026%
58	17.427	2450	2455	2460	rBV	16087	30097	0.66%	0.066%
59	17.557	2475	2477	2485	rVB9	3580	6119	0.13%	0.013%
60	17.733	2503	2507	2512	rVB2	35786	46040	1.01%	0.100%
61	17.827	2520	2523	2527	rBV6	10990	13279	0.29%	0.029%
62	17.957	2539	2545	2554	rBV	513198	732076	16.10%	1.598%
63	18.027	2554	2557	2562	rVB	31085	46606	1.02%	0.102%
64	18.251	2591	2595	2599	rBV6	8970	13695	0.30%	0.030%
65	18.298	2599	2603	2613	rVB10	8467	22092	0.49%	0.048%
66	18.398	2615	2620	2625	rBV8	13539	28523	0.63%	0.062%
67	18.621	2656	2658	2662	rBV5	6397	9536	0.21%	0.021%
68	18.798	2685	2688	2694	rBV5	12512	21348	0.47%	0.047%
69	19.015	2720	2725	2728	rBV2	40334	58342	1.28%	0.127%
70	19.086	2733	2737	2740	rBV	36747	54442	1.20%	0.119%
71	19.115	2740	2742	2746	rVB4	24426	31122	0.68%	0.068%
72	19.239	2758	2763	2775	rBV	161710	257796	5.67%	0.563%
73	19.333	2776	2779	2785	rVV3	22314	39880	0.88%	0.087%
74	19.451	2792	2799	2812	rBV	3370235	4548188	100.00%	9.925%
75	20.945	3050	3053	3055	rBV	138904	176824	3.89%	0.386%
76	20.974	3055	3058	3068	rVB2	177507	310084	6.82%	0.677%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	21.280	3104	3110	3125	rBV	1943475	3002285	66.01%	6.552%
78	23.991	3562	3571	3587	rVB	1835725	4494561	98.82%	9.808%
79	24.191	3596	3605	3618	rVB	1381942	3494343	76.83%	7.625%

Sum of corrected areas: 45825796

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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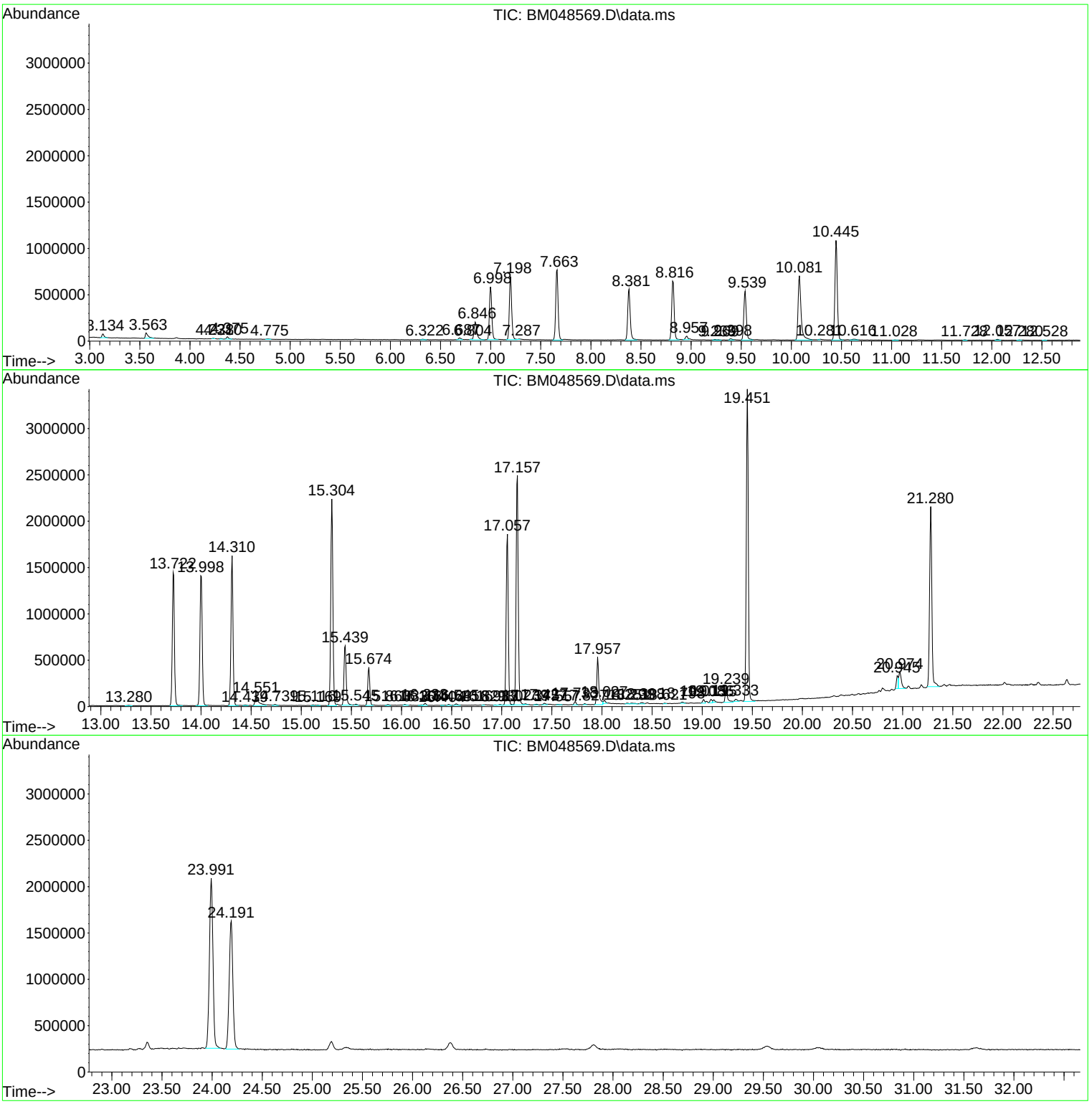
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

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

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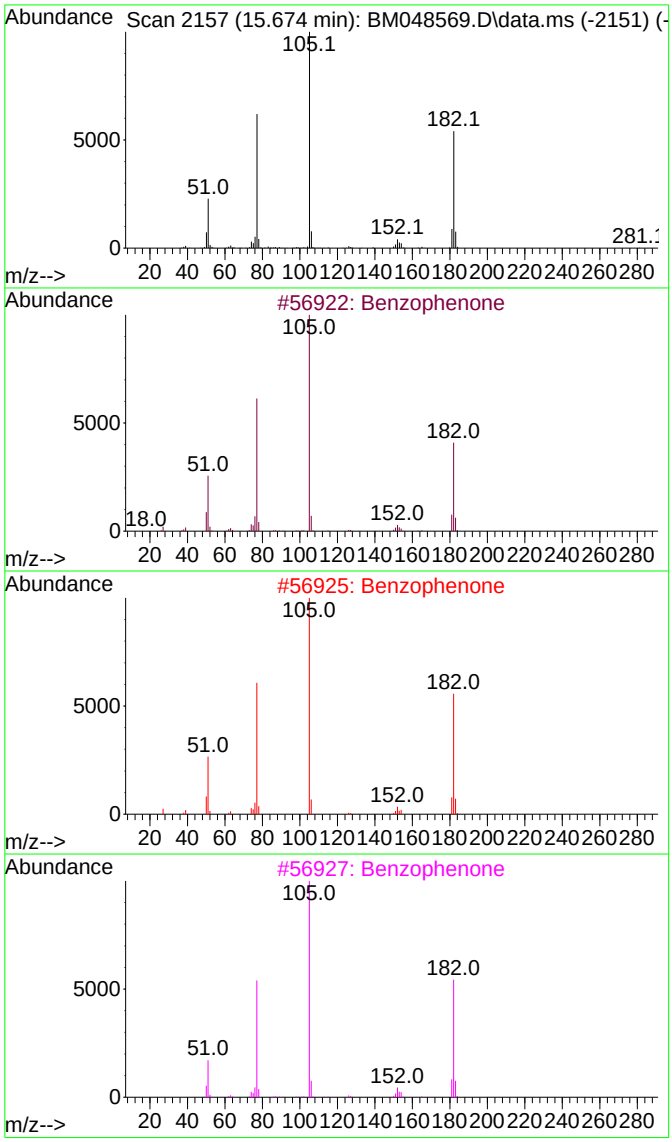
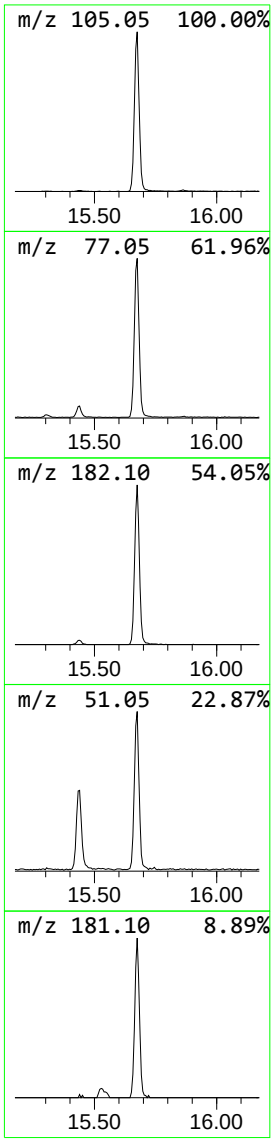
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	4.92 ng/ul	562711	Acenaphthene-d10	14.310

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	96
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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ClientSampleId :
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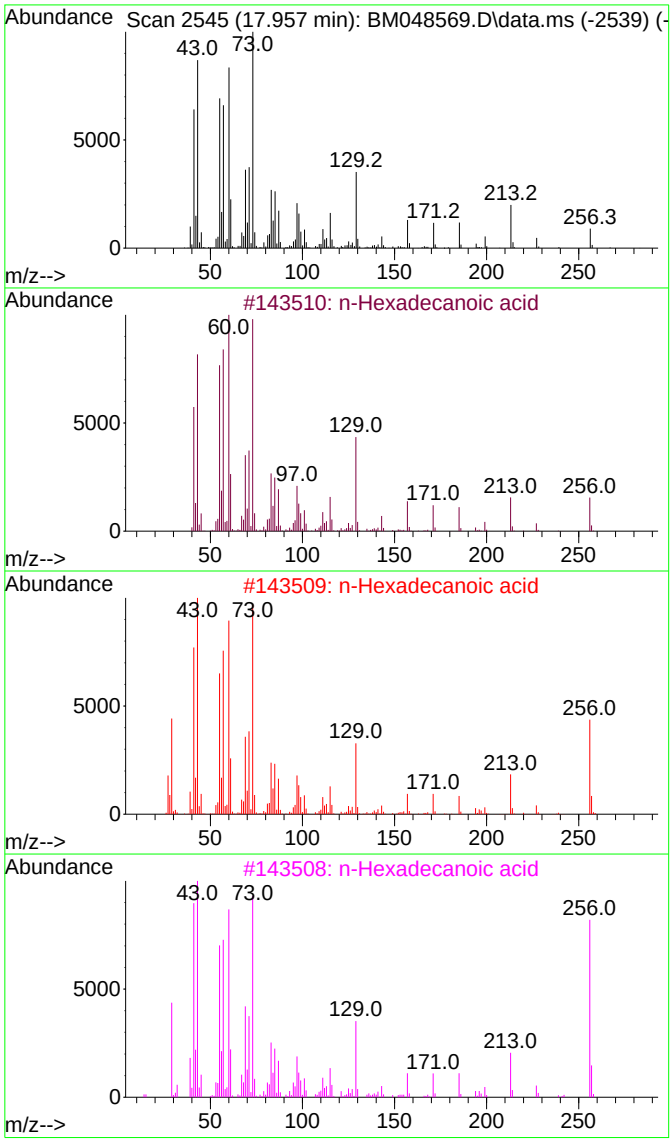
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

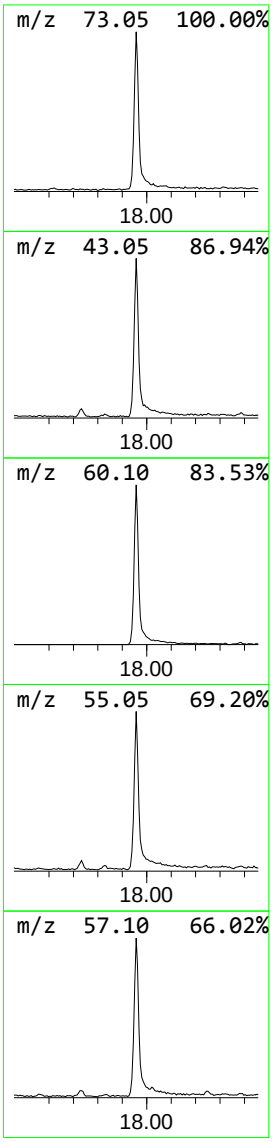
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	5.55 ng/ul	732076	Phenanthrene-d10	17.057

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	98
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	95





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ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CE8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

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

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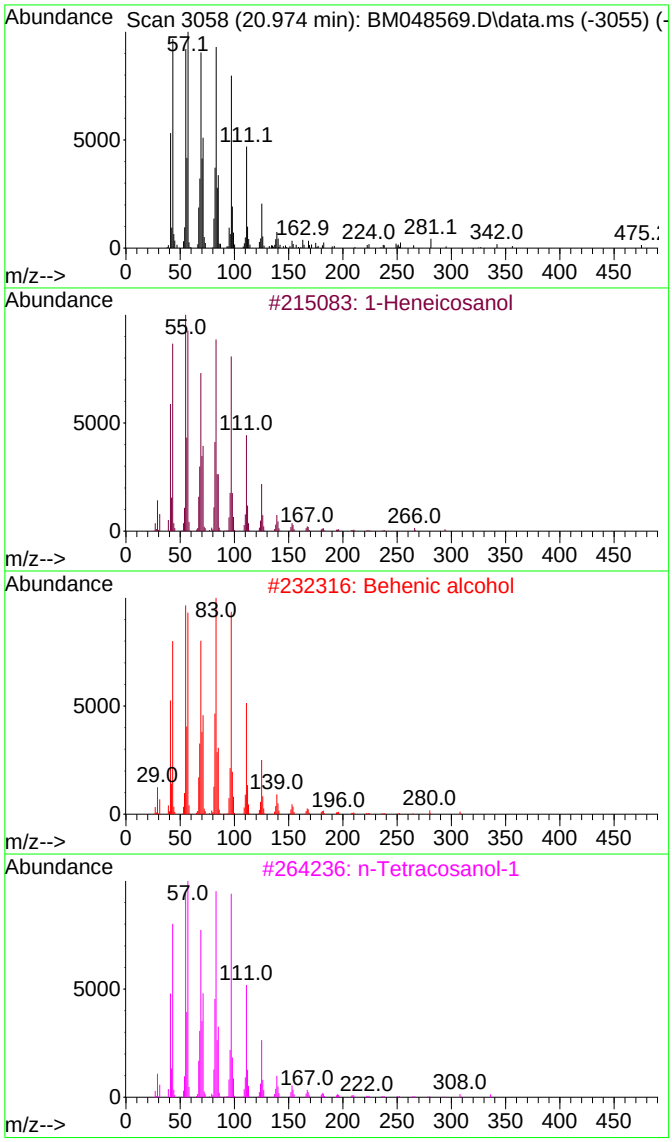
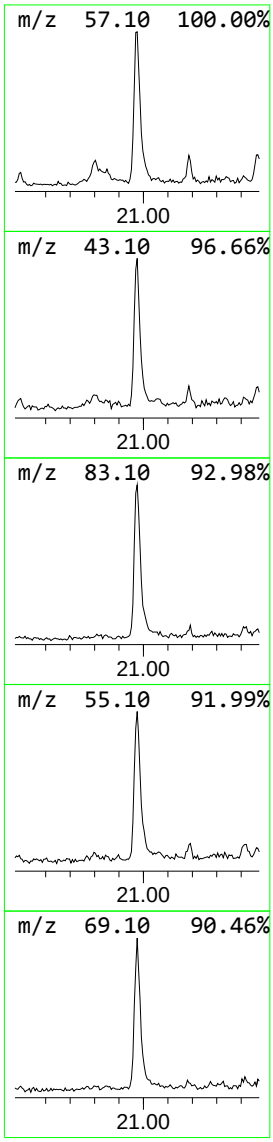
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	2.07 ng/ul	310084	Chrysene-d12	21.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91





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
Benzophenone	15.674	4.9	ng/ul	562711	3	14.310	2286470	20.0
n-Hexadecanoic ...	17.957	5.5	ng/ul	732076	4	17.057	2637570	20.0
1-Heneicosanol	20.974	2.1	ng/ul	310084	5	21.280	3002290	20.0