LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044379.D
Acq On : 27 Feb 2024 23:12
Operator : MA/JU
Sample : P1498-17
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

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-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	52	rVB	48571	61142	1.04%	0.125%
2	3.787	115	119	134	rBV	351020	571704	9.72%	1.167%
3	4.110	170	174	179	rVB	17053	25547	0.43%	0.052%
4	4.481	235	237	241	rVB5	7666	8479	0.14%	0.017%
5	4.657	265	267	272	rVB5	5906	7286	0.12%	0.015%
6	5.057	332	335	339	rBV	12345	13285	0.23%	0.027%
7	5.592	420	426	430	rBV	32181	47863	0.81%	0.098%
8	7.104	677	683	695	rVB	112354	200774	3.41%	0.410%
9	7.281	705	713	727	rBV	839075	1334411	22.68%	2.724%
10	7.469	737	745	755	rBV	427098	697449	11.86%	1.424%
11	7.939	816	825	833	rBV	734410	1154569	19.63%	2.357%
12	8.004	833	836	842	rVB6	5745	9590	0.16%	0.020%
13	8.651	938	946	958	rBV	383564	648396	11.02%	1.323%
14	9.110	1017	1024	1037	rBV	859350	1444270	24.55%	2.948%
15	9.280	1048	1053	1058	rVB6	9687	17242	0.29%	0.035%
16	9.498	1086	1090	1096	rVB3	13203	23111	0.39%	0.047%
17	9.833	1140	1147	1155	rBV	381777	663494	11.28%	1.354%
18	10.369	1230	1238	1249	rBV	543146	972029	16.52%	1.984%
19	10.745	1294	1302	1310	rBV	965550	1595669	27.12%	3.257%
20	10.892	1319	1327	1350	rBV	579461	1133289	19.26%	2.313%
21	12.174	1539	1545	1551	rVB6	7187	11839	0.20%	0.024%
22	12.280	1556	1563	1570	rVV	547244	932934	15.86%	1.904%
23	12.333	1570	1572	1580	rVB3	23612	36511	0.62%	0.075%
24	13.416	1750	1756	1763	rBV2	19737	34219	0.58%	0.070%
25	13.486	1763	1768	1776	rBV	37951	63733	1.08%	0.130%
26	14.004	1849	1856	1871	rBV	1937799	2751042	46.76%	5.615%
27	14.274	1892	1902	1914	rBV2	2155188	3232484	54.95%	6.598%
28	14.351	1914	1915	1920	rVB5	6063	6128	0.10%	0.013%
29	14.580	1947	1954	1964	rBV	1278132	1886405	32.07%	3.850%
30	14.810	1988	1993	2006	rBV5	22294	74418	1.26%	0.152%
31	15.004	2020	2026	2031	rBV	89493	130132	2.21%	0.266%
32	15.386	2086	2091	2094	rVV2	12932	20741	0.35%	0.042%
33	15.445	2097	2101	2103	rVB3	5745	7287	0.12%	0.015%
34	15.574	2116	2123	2135	rBV	2842449	4094703	69.60%	8.358%
35	15.698	2138	2144	2152	rVV	394826	573316	9.75%	1.170%
36	15.815	2160	2164	2173	rVB5	16517	29526	0.50%	0.060%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	16.304	2242	2247	2252	rBV9	5733	8477	0.14%	0.017%
38	16.368	2252	2258	2262	rVB6	9270	14617	0.25%	0.030%
39	16.445	2267	2271	2273	rBV4	4762	7221	0.12%	0.015%
40	16.686	2310	2312	2317	rVB5	5940	6083	0.10%	0.012%
41	16.739	2317	2321	2326	rBV6	9260	14620	0.25%	0.030%
42	17.015	2363	2368	2371	rBV6	5935	8607	0.15%	0.018%
43	17.104	2379	2383	2385	rBV5	5417	8743	0.15%	0.018%
44	17.327	2413	2421	2431	rBV	1387516	2055538	34.94%	4.196%
45	17.427	2432	2438	2450	rBV2	3082061	4614429	78.44%	9.419%
46	17.627	2470	2472	2478	rVB6	7890	12464	0.21%	0.025%
47	17.727	2486	2489	2494	rVB7	8194	13228	0.22%	0.027%
48	17.845	2505	2509	2513	rBV7	4017	6980	0.12%	0.014%
49	17.909	2518	2520	2525	rVB6	4642	6755	0.11%	0.014%
50	18.015	2533	2538	2542	rVB7	8689	15659	0.27%	0.032%
51	18.074	2544	2548	2551	rBV5	5136	7086	0.12%	0.014%
52	18.115	2551	2555	2560	rVV7	8408	14154	0.24%	0.029%
53	18.239	2570	2576	2587	rBV	300602	459544	7.81%	0.938%
54	18.674	2647	2650	2654	rVB4	16707	19610	0.33%	0.040%
55	18.715	2655	2657	2665	rVB9	8524	15433	0.26%	0.032%
56	18.909	2687	2690	2694	rBV6	7216	9436	0.16%	0.019%
57	19.292	2750	2755	2760	rBV2	46028	61966	1.05%	0.126%
58	19.362	2763	2767	2771	rBV	38176	53632	0.91%	0.109%
59	19.397	2771	2773	2778	rBV4	19161	26187	0.45%	0.053%
60	19.521	2790	2794	2800	rBV2	71891	92776	1.58%	0.189%
61	19.680	2817	2821	2823	rBV3	20838	26152	0.44%	0.053%
62	19.727	2823	2829	2838	rVV	4059708	5492027	93.35%	11.210%
63	20.262	2918	2920	2923	rBV4	13493	17925	0.30%	0.037%
64	21.256	3085	3089	3098	rBV	414609	656995	11.17%	1.341%
65	21.527	3130	3135	3142	rBV	1718601	2235287	38.00%	4.562%
66	22.821	3352	3355	3361	rVB	110970	160825	2.73%	0.328%
67	23.791	3512	3520	3533	rBV2	2899137	5883039	100.00%	12.008%
68	23.944	3540	3546	3555	rVB	1164922	2452430	41.69%	5.006%

Sum of corrected areas: 48992942

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ClientSampleId :
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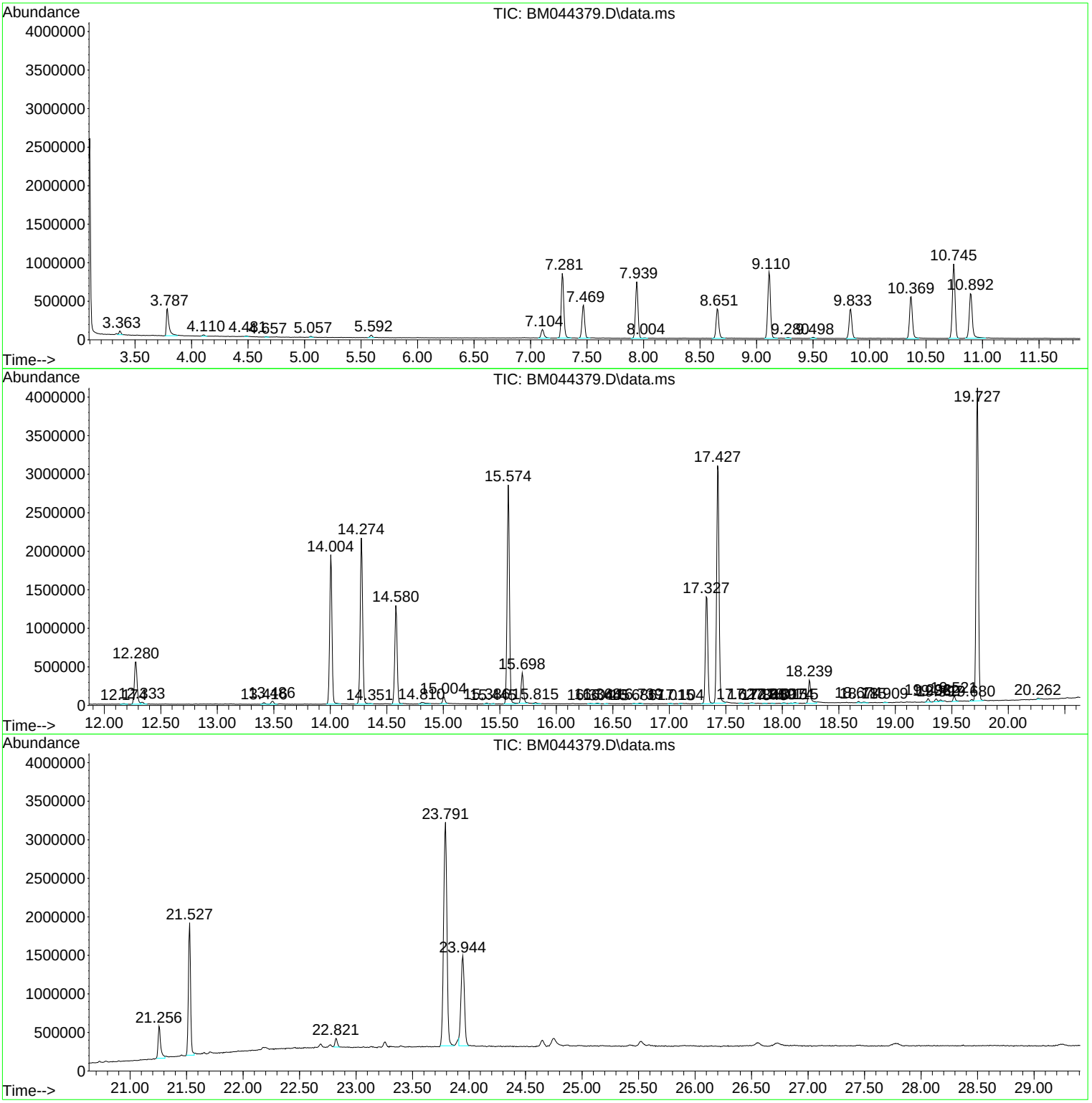
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



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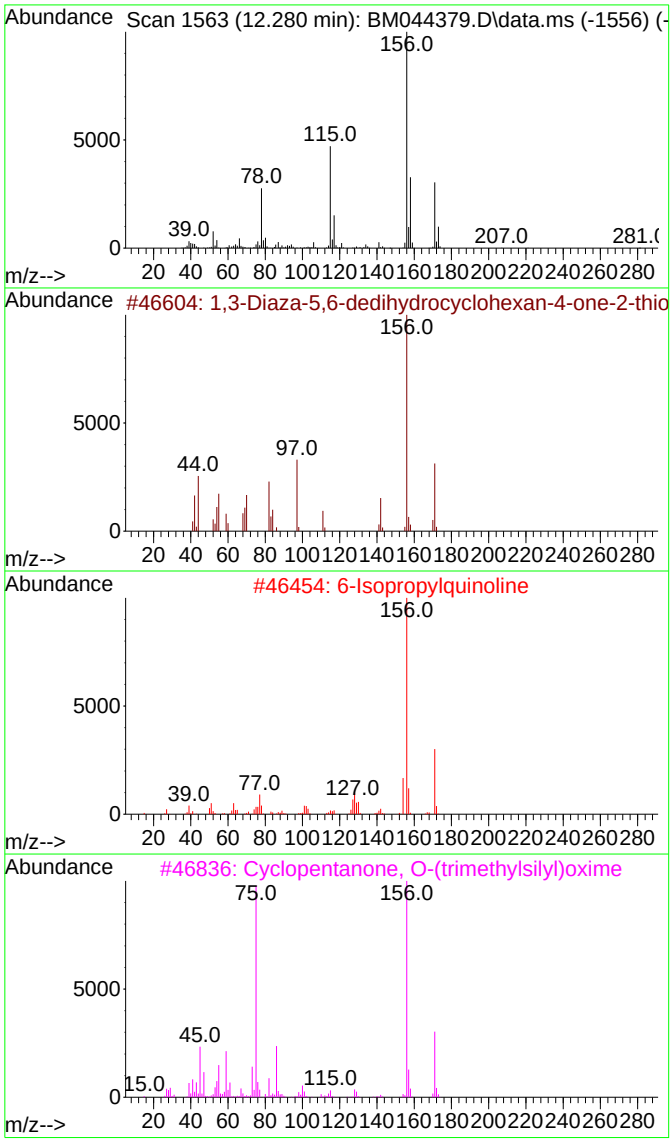
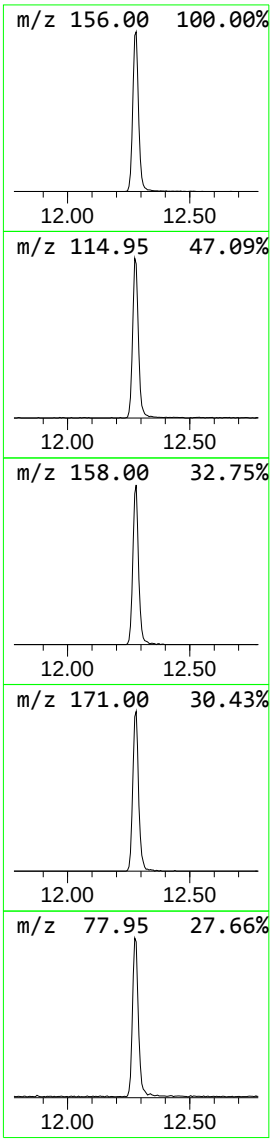
****
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	11.69 ng/ul	932934	Naphthalene-d8	10.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
3	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5	Tebuthiuron	228	C9H16N4OS	034014-18-1	25





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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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

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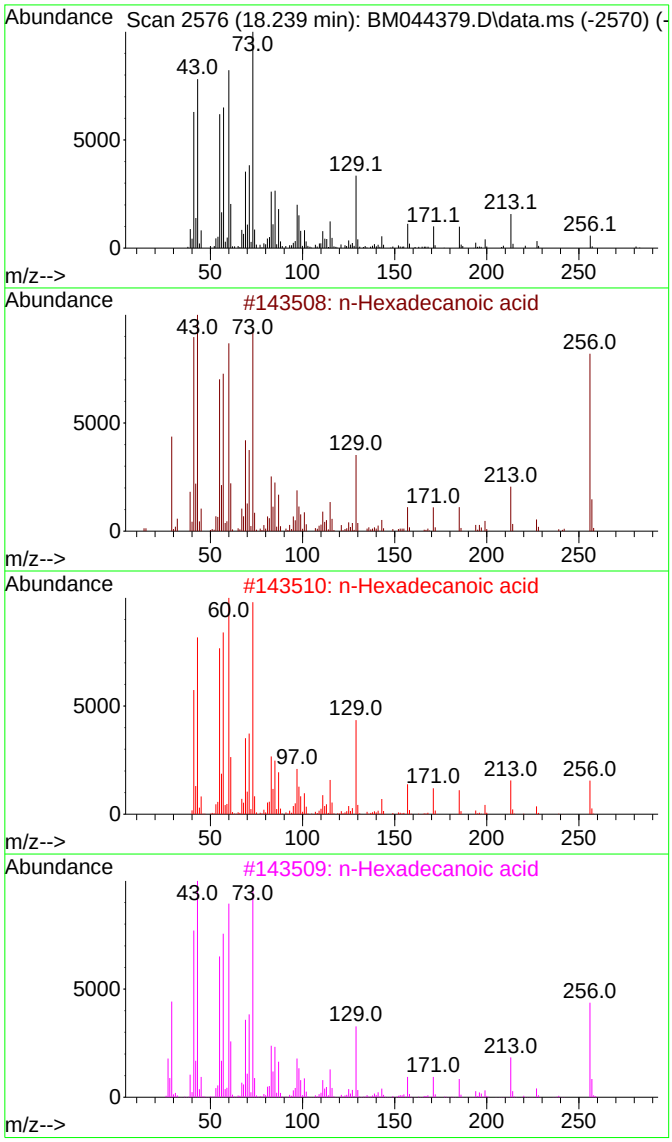
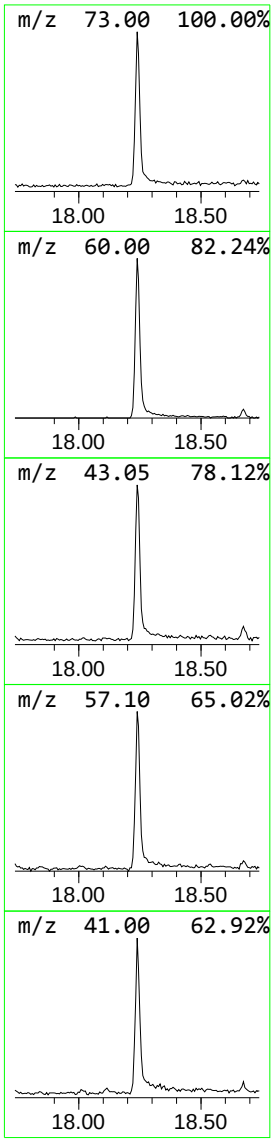
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.47 ng/ul	459544	Phenanthrene-d10	17.327

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : P1498-17
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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

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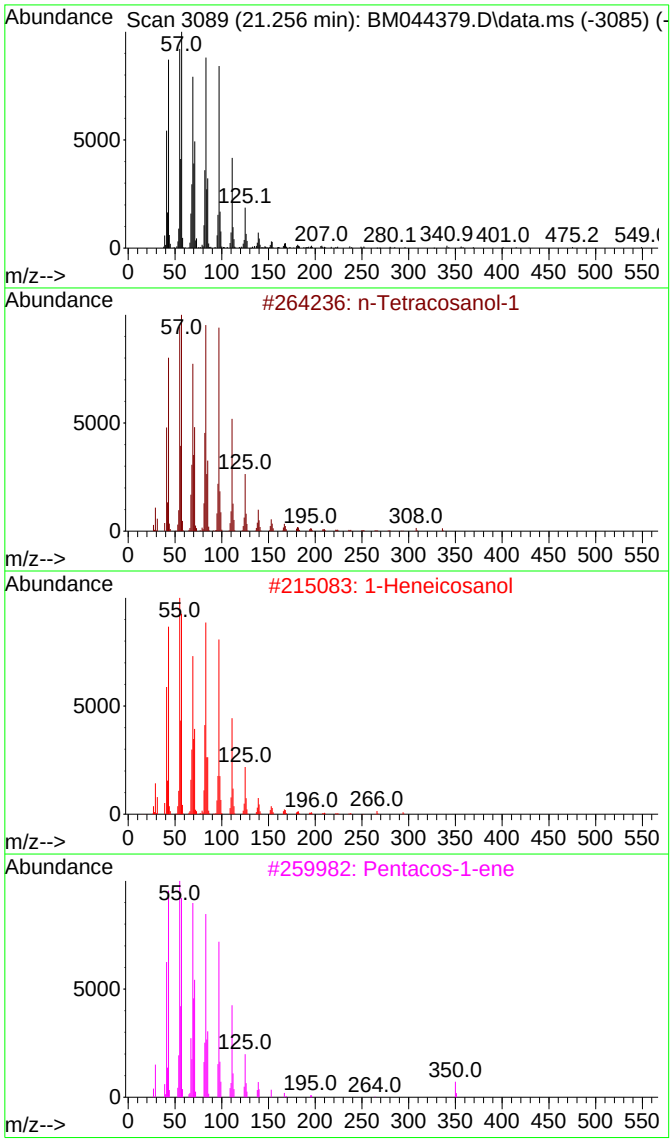
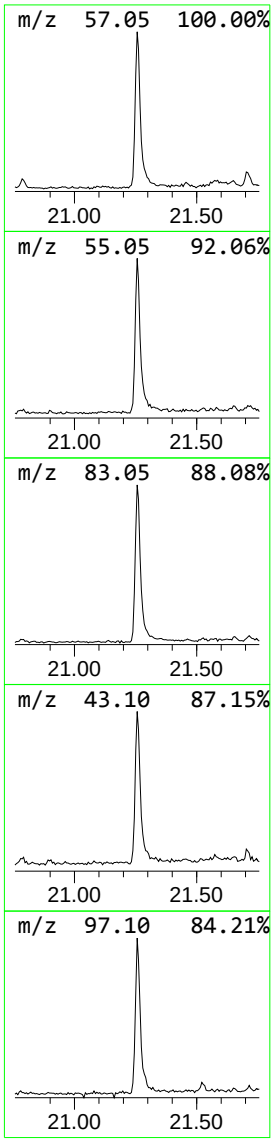
Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	5.88 ng/ul	656995	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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
unknown-01	12.280	11.7	ng/ul	932934	2	10.745	1595670	20.0
n-Hexadecanoic ...	18.239	4.5	ng/ul	459544	4	17.327	2055540	20.0
n-Tetracosanol-1	21.256	5.9	ng/ul	656995	5	21.527	2235290	20.0