LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
Data File : BM044782.D
Acq On : 27 Mar 2024 16:54
Operator : MA/JU
Sample : P1869-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.516	70	73	87	rBV	89212	134617	4.16%	0.521%
2	4.857	297	301	308	rVB	35875	55171	1.71%	0.213%
3	5.299	369	376	387	rBV	1912997	2784473	86.08%	10.772%
4	6.863	635	642	656	rBV	1764923	2869932	88.72%	11.102%
5	7.687	773	782	789	rBV	659606	1063809	32.89%	4.115%
6	8.845	972	979	988	rBV	1096586	1814092	56.08%	7.018%
7	9.428	1073	1078	1088	rVB3	18798	42892	1.33%	0.166%
8	10.463	1247	1254	1263	rBV	808837	1362150	42.11%	5.269%
9	11.222	1375	1383	1396	rBV	49107	114313	3.53%	0.442%
10	12.945	1669	1676	1690	rBV	2176194	3234805	100.00%	12.514%
11	13.992	1848	1854	1864	rBV4	25586	54960	1.70%	0.213%
12	14.333	1905	1912	1920	rBV	984006	1505194	46.53%	5.823%
13	14.545	1943	1948	1949	rBV5	42442	59468	1.84%	0.230%
14	15.833	2160	2167	2175	rBV	1418323	2143968	66.28%	8.294%
15	15.892	2175	2177	2193	rVB7	32655	69614	2.15%	0.269%
16	17.092	2374	2381	2387	rBV	967330	1501190	46.41%	5.807%
17	17.774	2491	2497	2505	rBV	52771	70807	2.19%	0.274%
18	17.998	2530	2535	2550	rBV	294288	493619	15.26%	1.910%
19	18.956	2694	2698	2701	rVB4	36241	42911	1.33%	0.166%
20	19.162	2730	2733	2737	rBV5	24743	33157	1.03%	0.128%
21	19.286	2750	2754	2762	rBV	137620	217062	6.71%	0.840%
22	19.733	2824	2830	2838	rBV	2416034	3083312	95.32%	11.928%
23	21.015	3044	3048	3056	rBV3	212513	306633	9.48%	1.186%
24	21.286	3090	3094	3100	rBV	968259	1336849	41.33%	5.172%
25	23.533	3471	3476	3487	rVB	734968	1455013	44.98%	5.629%

Sum of corrected areas: 25850011

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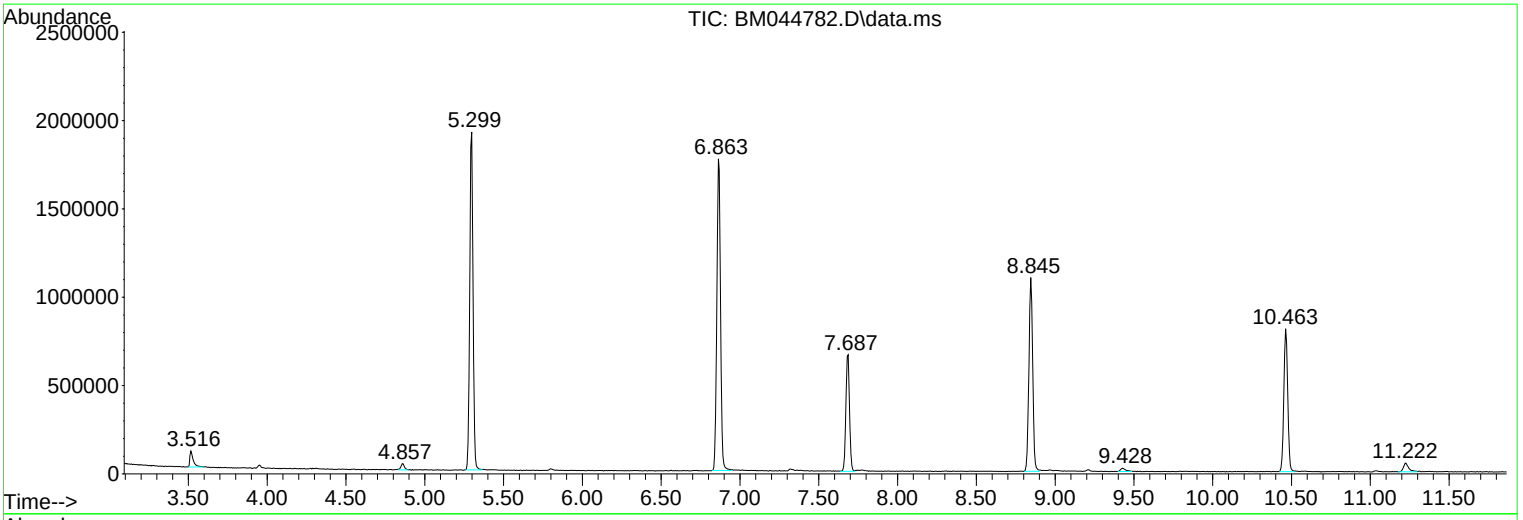
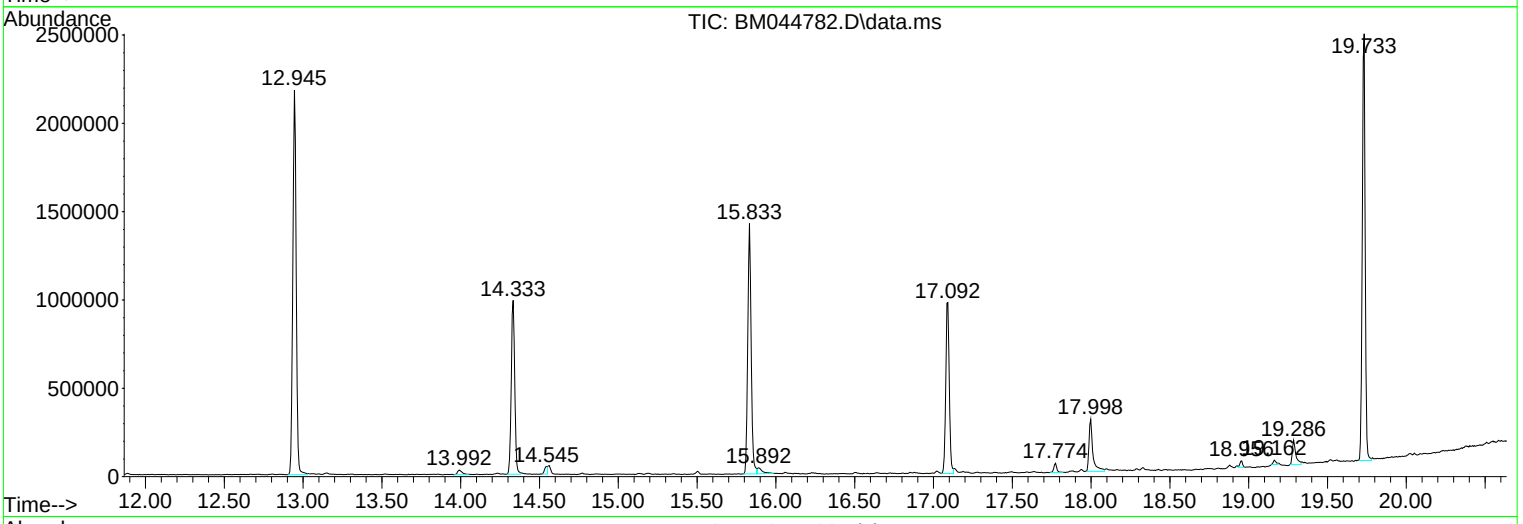
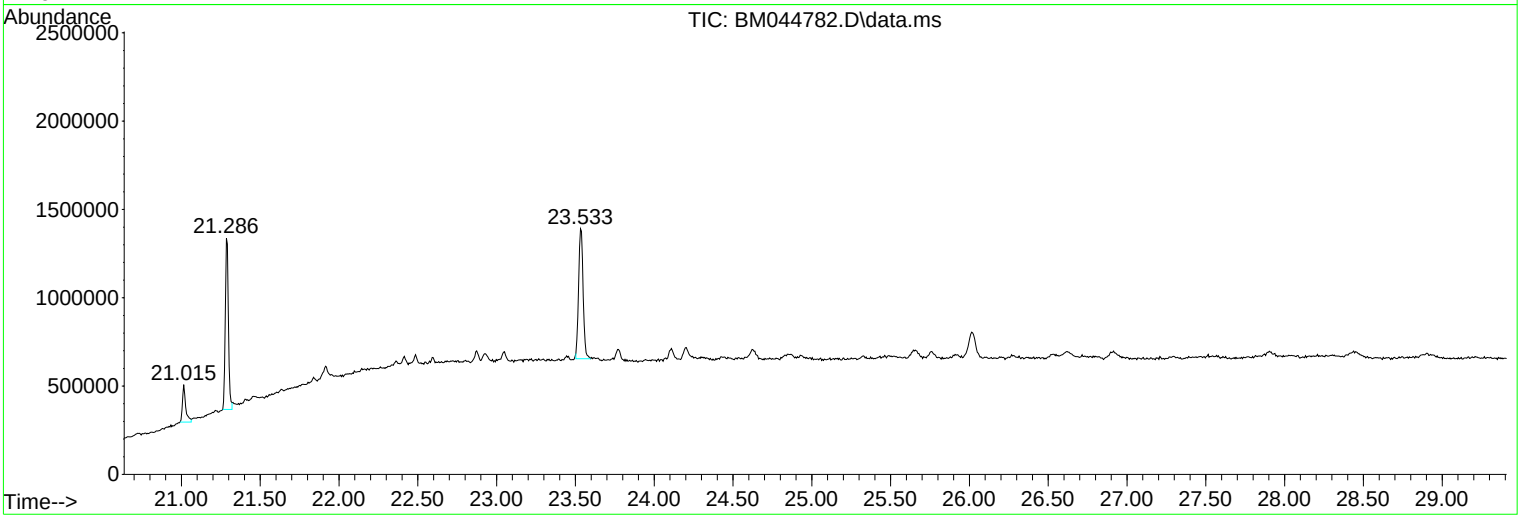
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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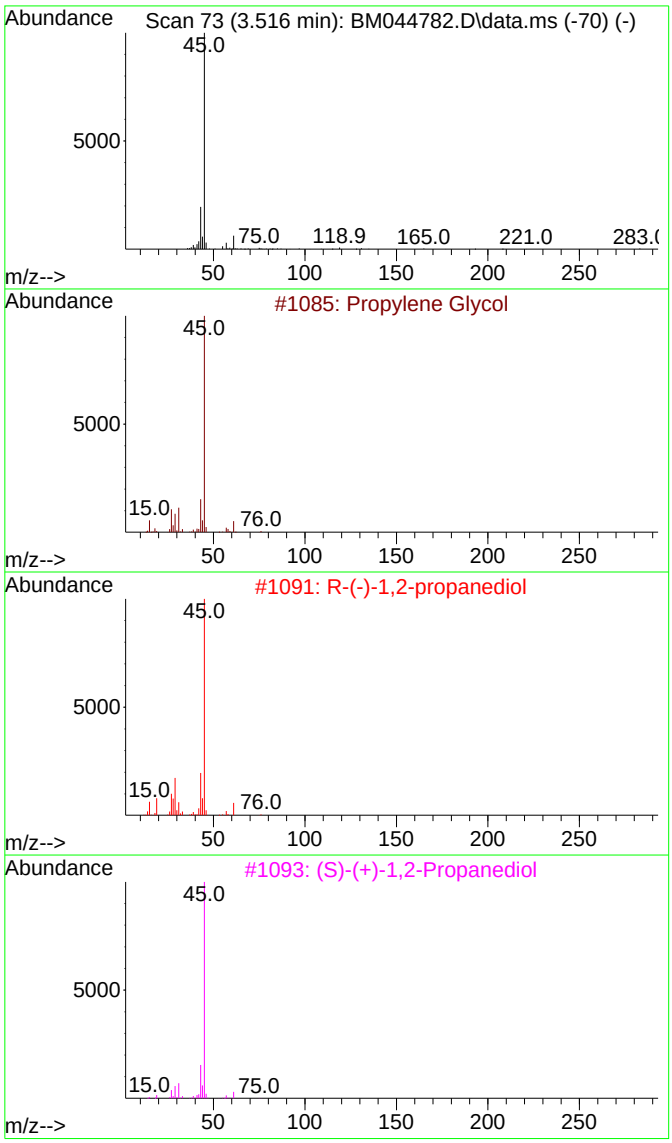
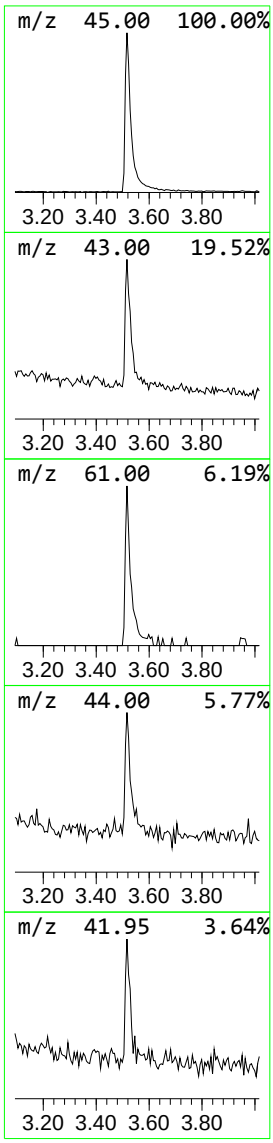
Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.516	2.53 ng	134617	1,4-Dichlorobenzene-d4	7.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	72
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	2-Heptanol	116	C7H16O	000543-49-7	9





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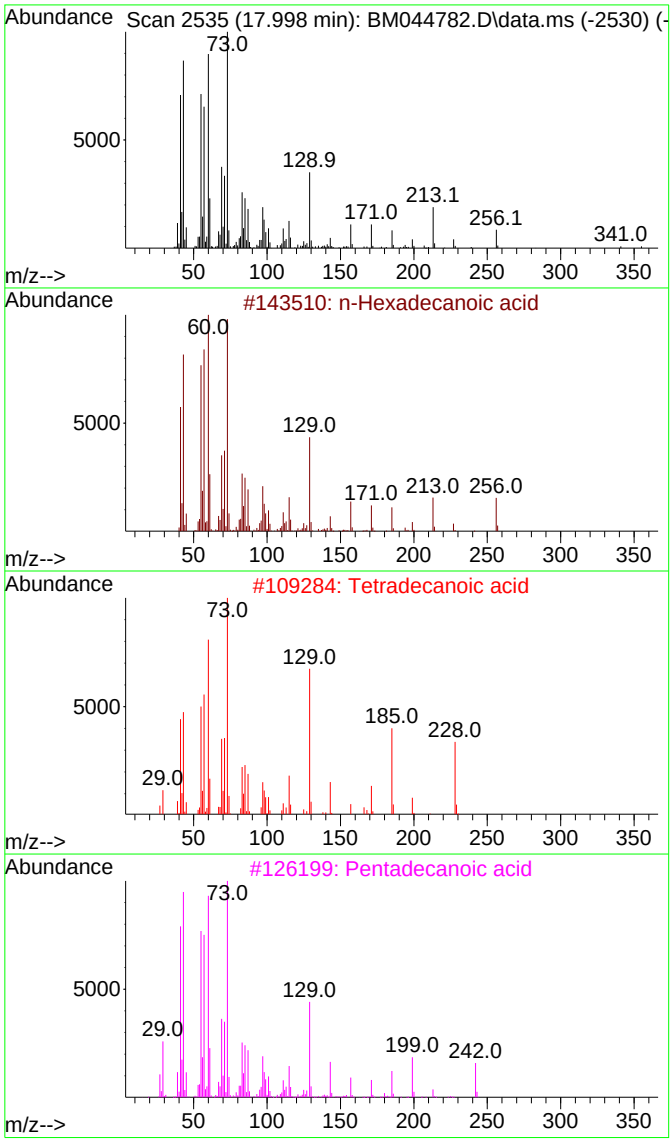
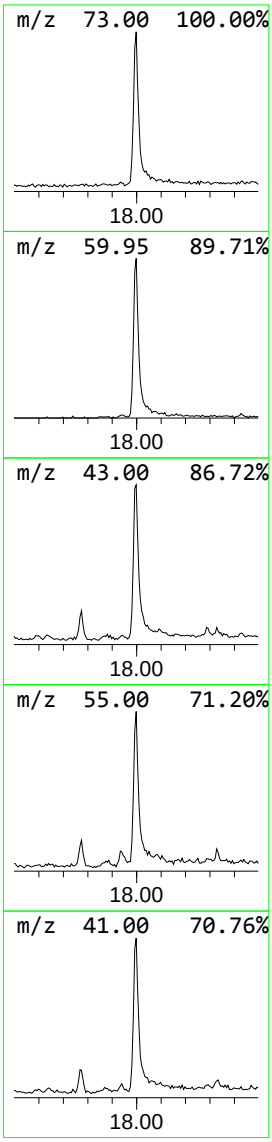
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	6.58 ng	493619	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74





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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
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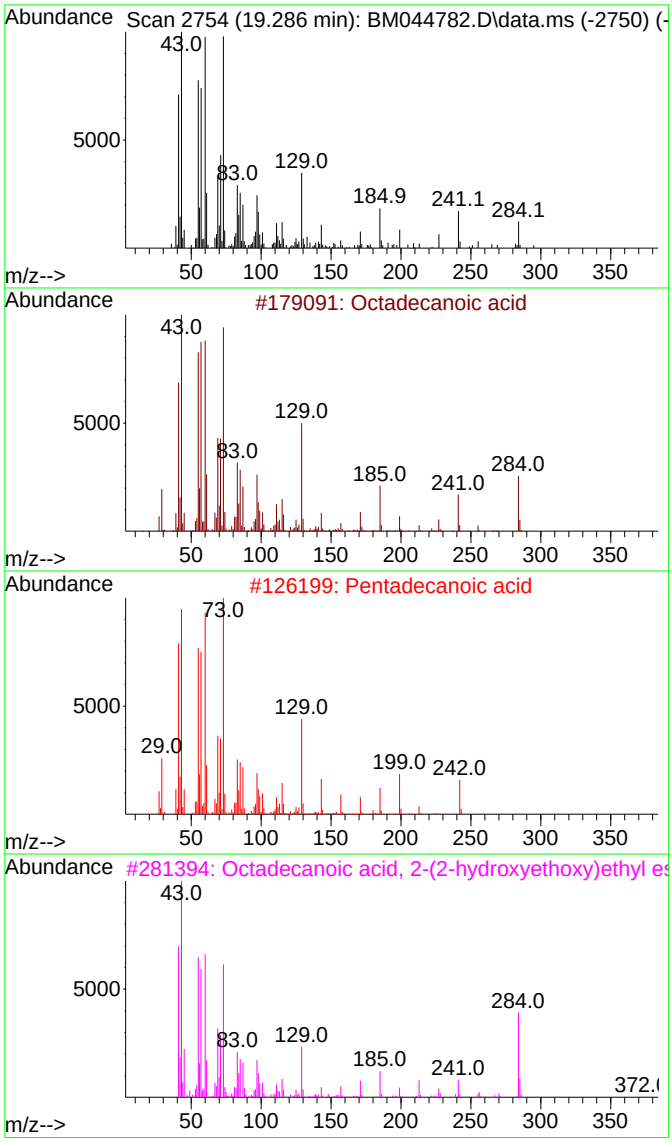
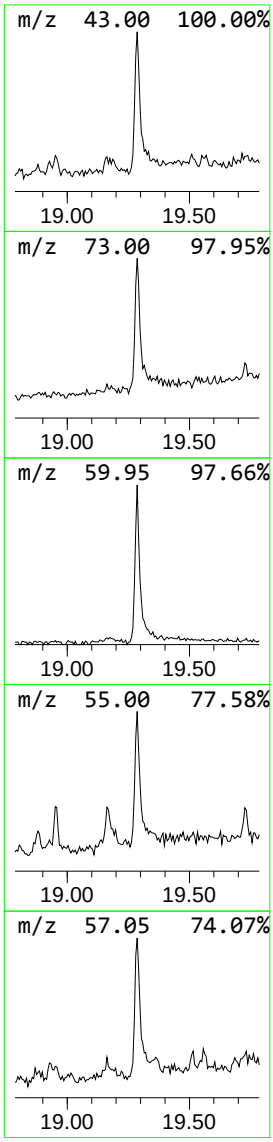
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	3.25 ng	217062	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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Instrument :
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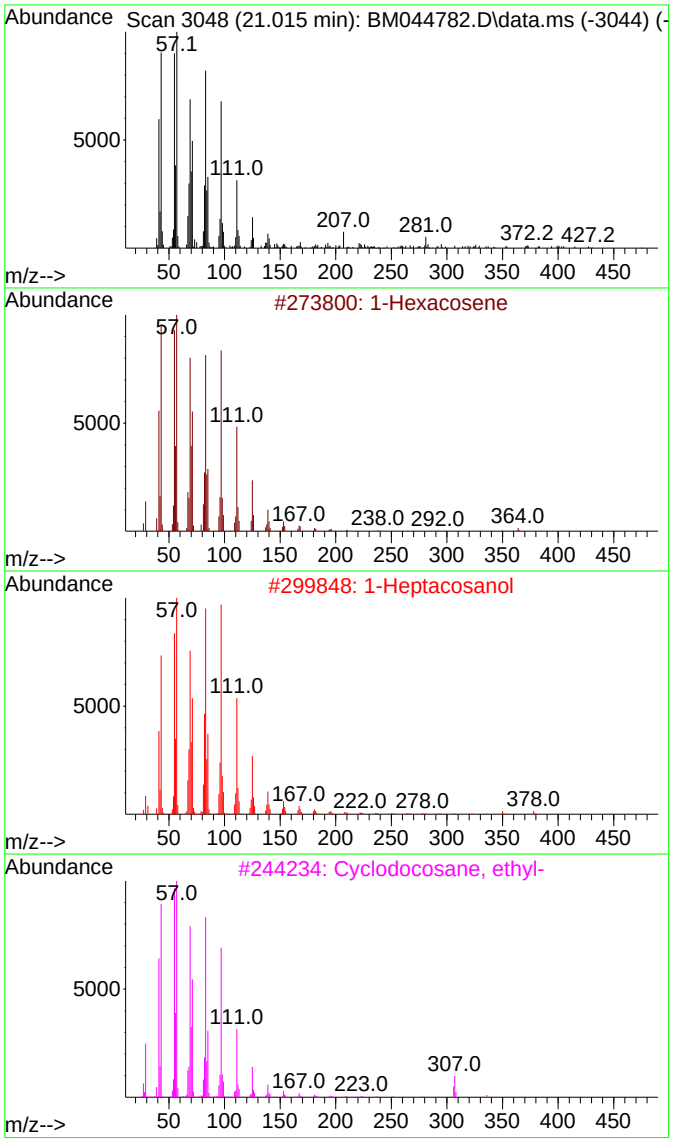
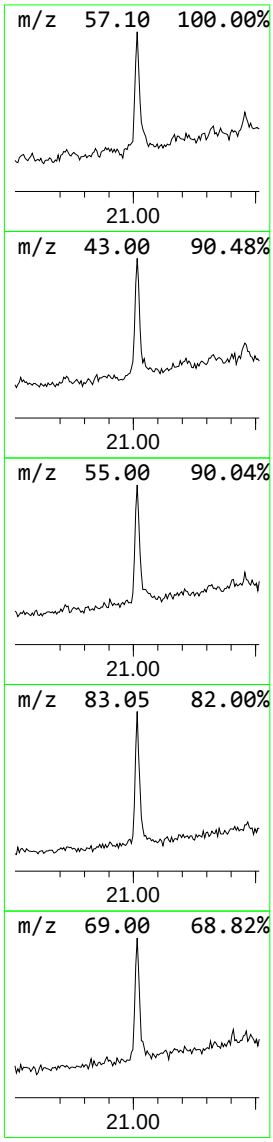
Peak Number 4 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	4.59 ng	306633	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.516	2.5	ng	134617	1	7.687	1063810	20.0
n-Hexadecanoic ...	17.998	6.6	ng	493619	4	17.092	1501190	20.0
Octadecanoic acid	19.286	3.3	ng	217062	5	21.286	1336850	20.0
1-Hexacosene	21.015	4.6	ng	306633	5	21.286	1336850	20.0