LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137066.D
Acq On : 15 Jan 2024 16:39
Operator : CG\JU
Sample : P1136-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C

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_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137066.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	8	11	22	rVB	13579	19856	2.09%	0.287%
2	5.016	494	498	508	rVB	67448	79415	8.36%	1.148%
3	5.428	565	568	583	rBV	842486	844277	88.85%	12.201%
4	6.434	736	739	755	rBV	922921	827280	87.06%	11.955%
5	6.781	795	798	802	rBV	305751	250948	26.41%	3.626%
6	7.345	890	894	897	rBV	618092	499572	52.57%	7.219%
7	8.057	1012	1015	1031	rBV	348988	309093	32.53%	4.467%
8	9.134	1195	1198	1202	rBV	1049472	918304	96.64%	13.271%
9	9.816	1311	1314	1327	rVB	392638	313326	32.97%	4.528%
10	10.610	1446	1449	1462	rBV	539039	517751	54.49%	7.482%
11	11.310	1565	1568	1575	rBV	384457	312073	32.84%	4.510%
12	11.845	1656	1659	1667	rBV2	123248	135345	14.24%	1.956%
13	12.633	1790	1793	1799	rBV	30742	38307	4.03%	0.554%
14	12.904	1835	1839	1843	rBV	1097027	950227	100.00%	13.732%
15	13.480	1932	1937	1939	rBV2	12096	12399	1.30%	0.179%
16	13.839	1990	1998	2007	rBV6	27462	93307	9.82%	1.348%
17	13.969	2017	2020	2027	rVB	367247	337774	35.55%	4.881%
18	14.063	2032	2036	2039	rBV	14439	15095	1.59%	0.218%
19	14.127	2044	2047	2050	rVB2	14606	11357	1.20%	0.164%
20	14.433	2096	2099	2102	rBV2	20023	19499	2.05%	0.282%
21	14.745	2148	2152	2156	rBV4	14513	16351	1.72%	0.236%
22	14.816	2162	2164	2168	rVB2	18832	16443	1.73%	0.238%
23	15.086	2207	2210	2214	rVB2	18053	20281	2.13%	0.293%
24	15.463	2269	2274	2281	rVB	251177	340607	35.84%	4.922%
25	15.921	2349	2352	2357	rVB4	15406	20997	2.21%	0.303%

Sum of corrected areas: 6919884

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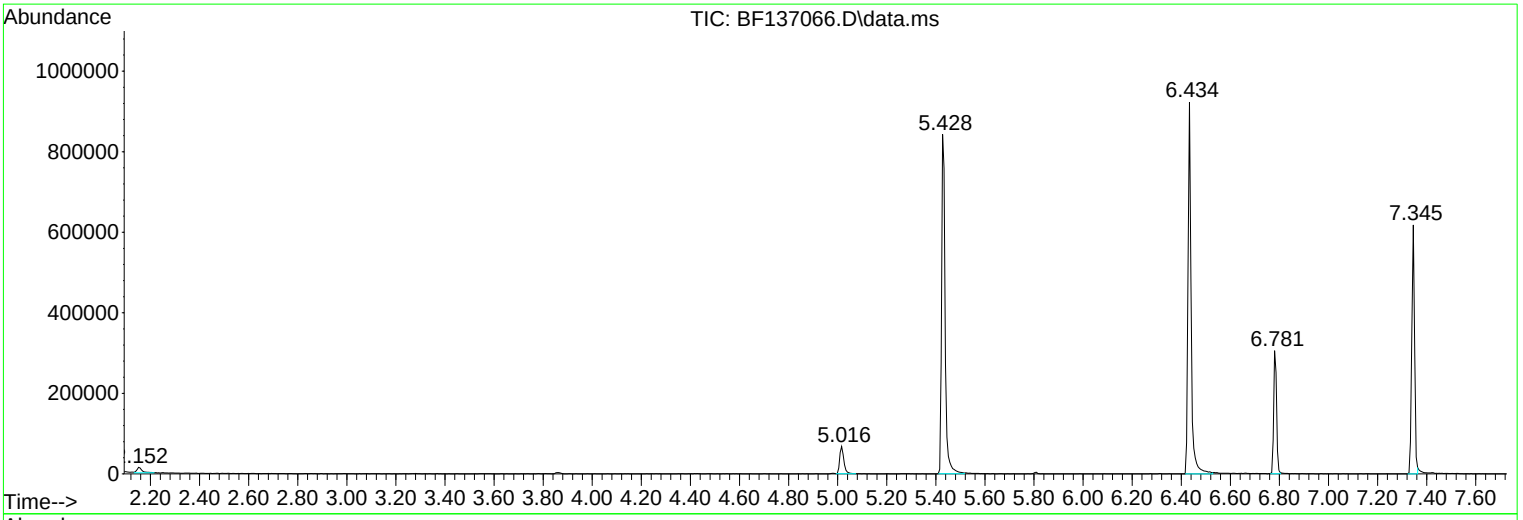
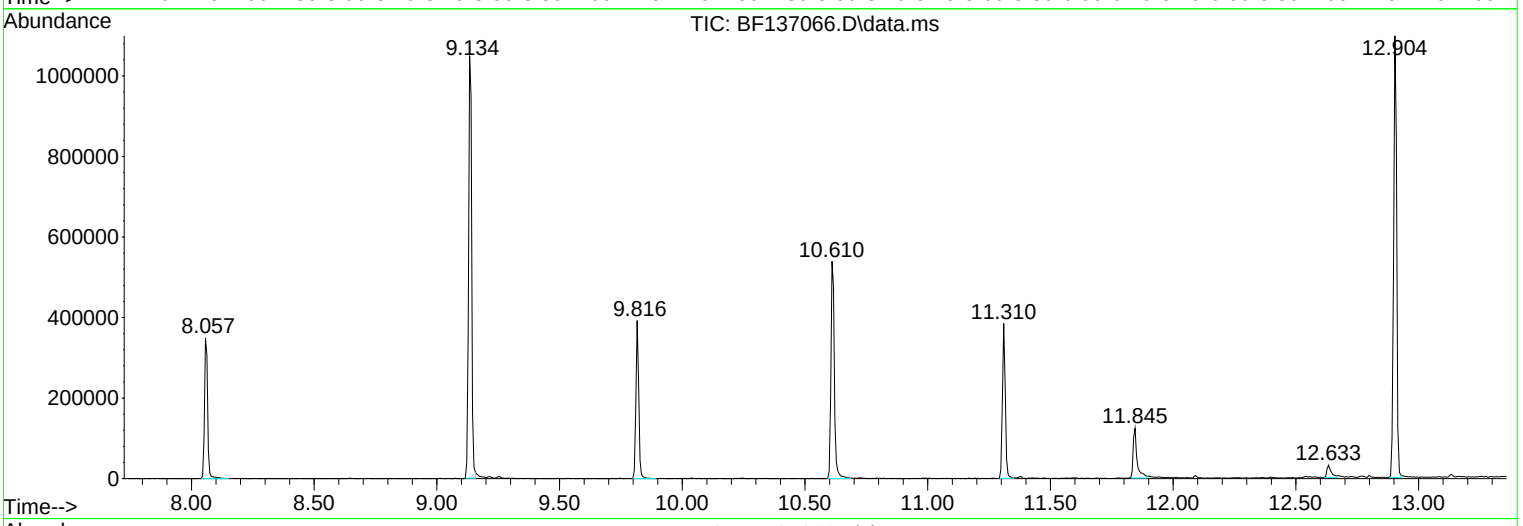
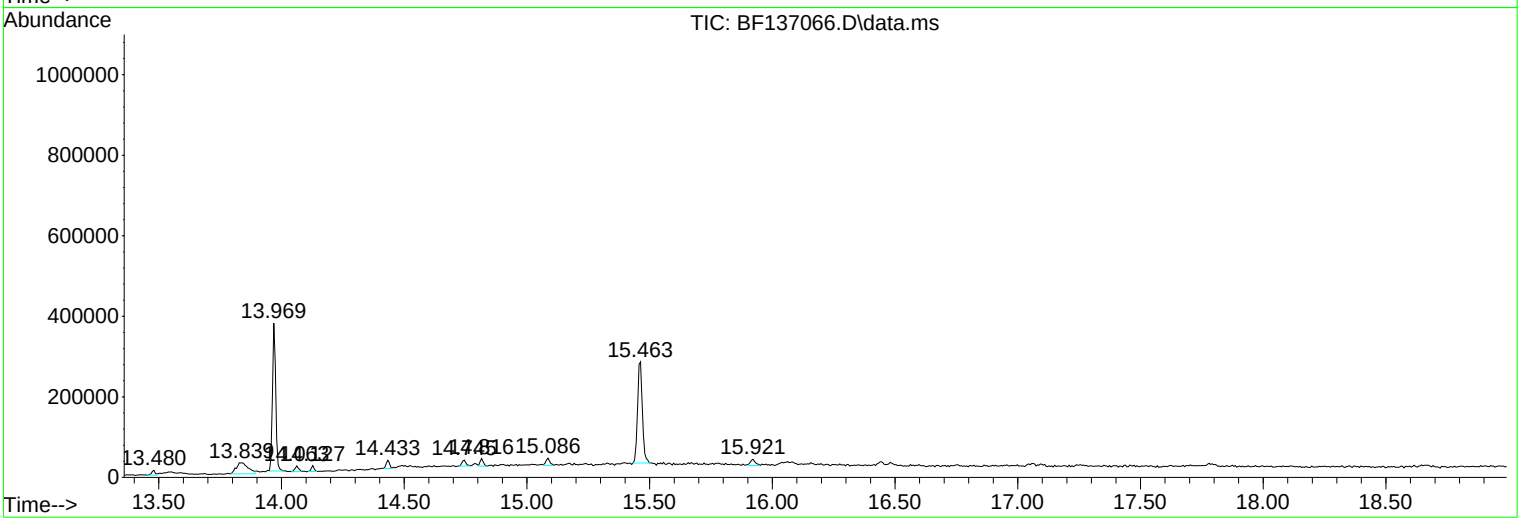
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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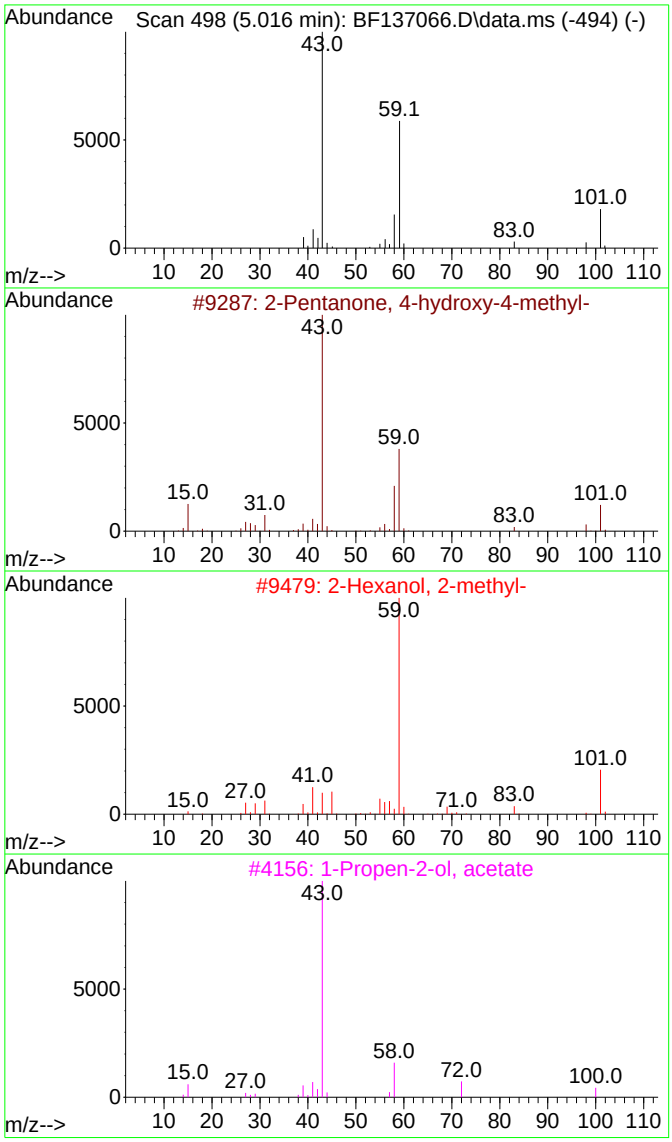
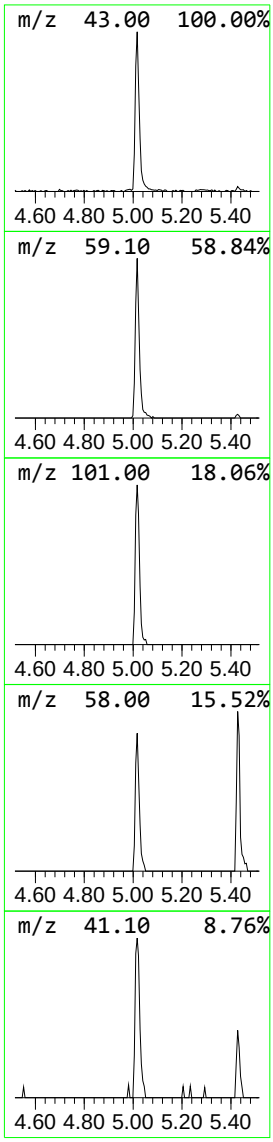
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	6.33 ng	79415	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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TIC Library : C:\Database\NIST20.L
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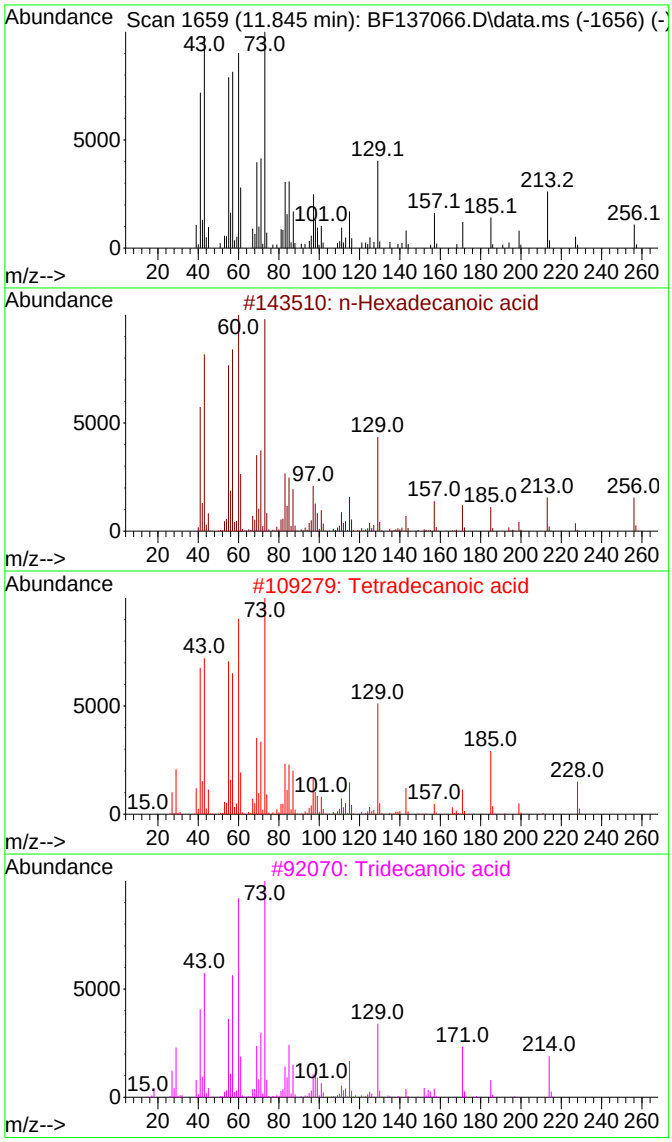
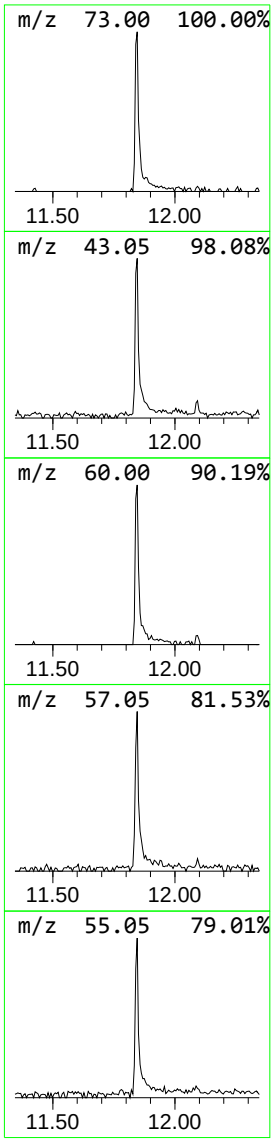
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	8.67 ng	135345	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
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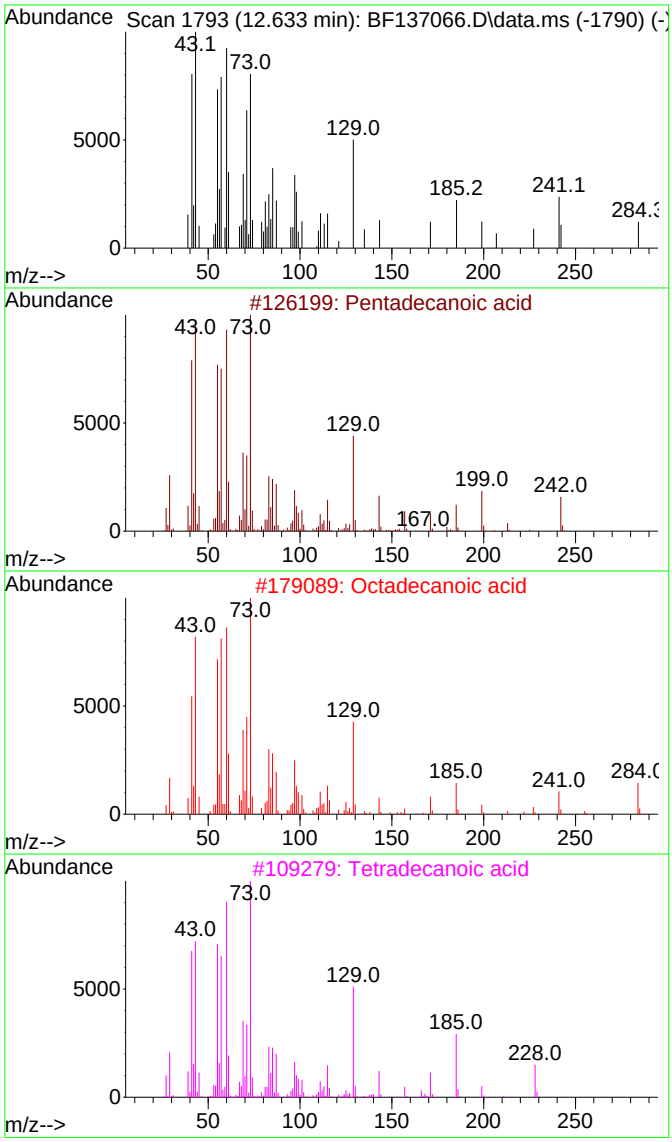
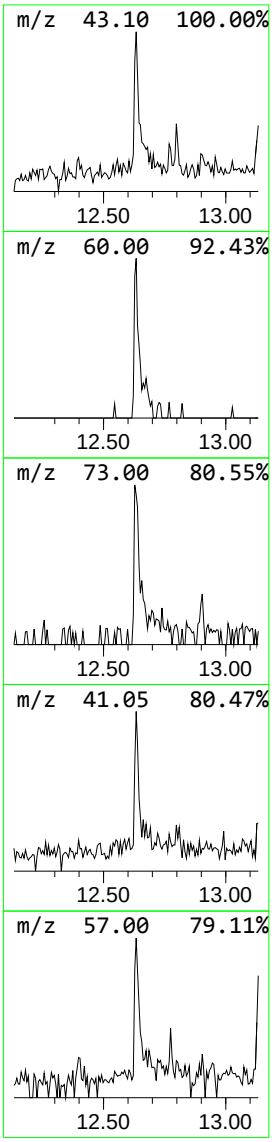
Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	2.46 ng	38307	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Sample : P1136-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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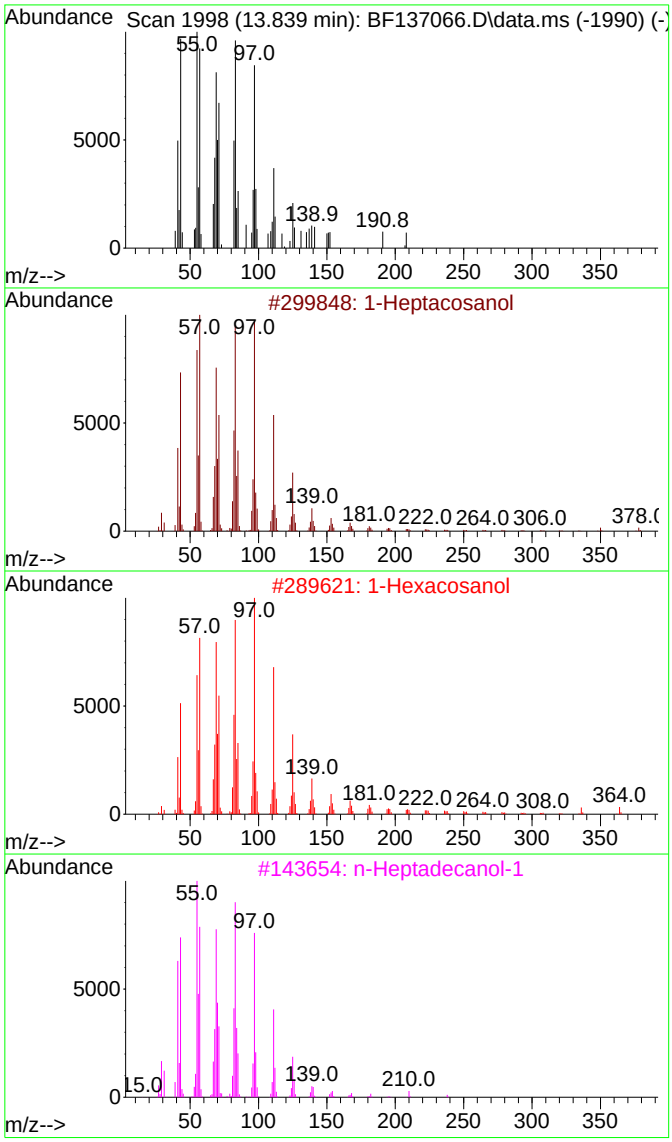
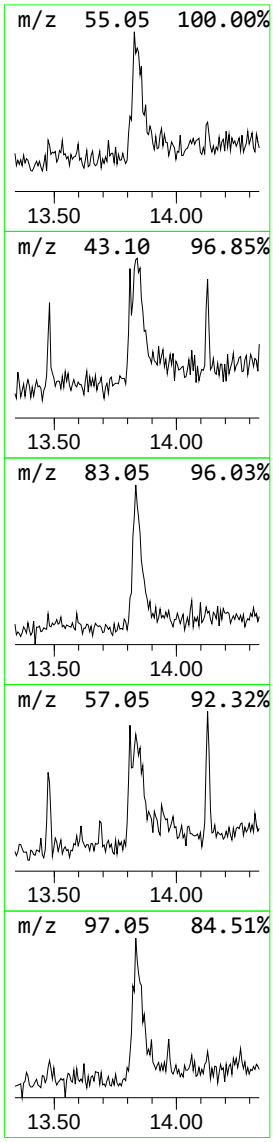
Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	5.52 ng	93307	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	n-Pentadecanol	228	C15H32O	000629-76-5	86





Tentatively Identified Compound (LSC) summary

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BNA_F
ClientSampleId :
MH-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-...	5.016	6.3	ng	79415	1	6.781	250948	20.0
n-Hexadecanoic ...	11.845	8.7	ng	135345	4	11.310	312073	20.0
Pentadecanoic acid	12.633	2.5	ng	38307	4	11.310	312073	20.0
1-Heptacosanol	13.839	5.5	ng	93307	5	13.969	337774	20.0