LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
Data File : BF130606.D
Acq On : 10 Oct 2022 16:53
Operator : CG\JU
Sample : N5046-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-9

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.781	453	458	472	rVB	429194	566817	28.44%	4.046%
2	5.210	527	531	553	rBV	1988520	1847648	92.70%	13.190%
3	5.610	596	599	607	rVB	38909	35655	1.79%	0.255%
4	6.251	704	708	726	rBV	1877095	1838313	92.23%	13.123%
5	6.604	765	768	772	rBV	670418	527279	26.46%	3.764%
6	7.175	860	865	868	rBV	1326736	1155094	57.96%	8.246%
7	7.833	970	977	982	rBV5	12709	40290	2.02%	0.288%
8	7.886	982	986	990	rVB	814075	650403	32.63%	4.643%
9	8.963	1165	1169	1172	rBV	2453324	1993083	100.00%	14.228%
10	9.633	1280	1283	1287	rBV	725334	606746	30.44%	4.331%
11	10.422	1413	1417	1429	rBV	1078785	945431	47.44%	6.749%
12	11.116	1531	1535	1538	rBV	653157	519995	26.09%	3.712%
13	11.186	1542	1547	1550	rVB3	31700	27596	1.38%	0.197%
14	11.657	1623	1627	1634	rBV3	34734	52863	2.65%	0.377%
15	12.321	1738	1740	1743	rBV	27842	25063	1.26%	0.179%
16	12.439	1755	1760	1763	rBV3	26135	34579	1.73%	0.247%
17	12.551	1773	1779	1782	rBV	39754	42450	2.13%	0.303%
18	12.704	1800	1805	1808	rBV	1900131	1605028	80.53%	11.458%
19	12.939	1841	1845	1849	rBV2	22782	24243	1.22%	0.173%
20	13.610	1956	1959	1964	rVB2	45450	47401	2.38%	0.338%
21	13.745	1978	1982	1986	rBV	630762	605655	30.39%	4.324%
22	13.921	2009	2012	2017	rVB	51964	46169	2.32%	0.330%
23	14.227	2061	2064	2067	rBV	65986	54704	2.74%	0.391%
24	14.521	2110	2114	2120	rBV2	75960	107208	5.38%	0.765%
25	14.821	2162	2165	2169	rVB	56641	57774	2.90%	0.412%
26	15.127	2213	2217	2220	rBV	465637	550611	27.63%	3.931%

Sum of corrected areas: 14008098

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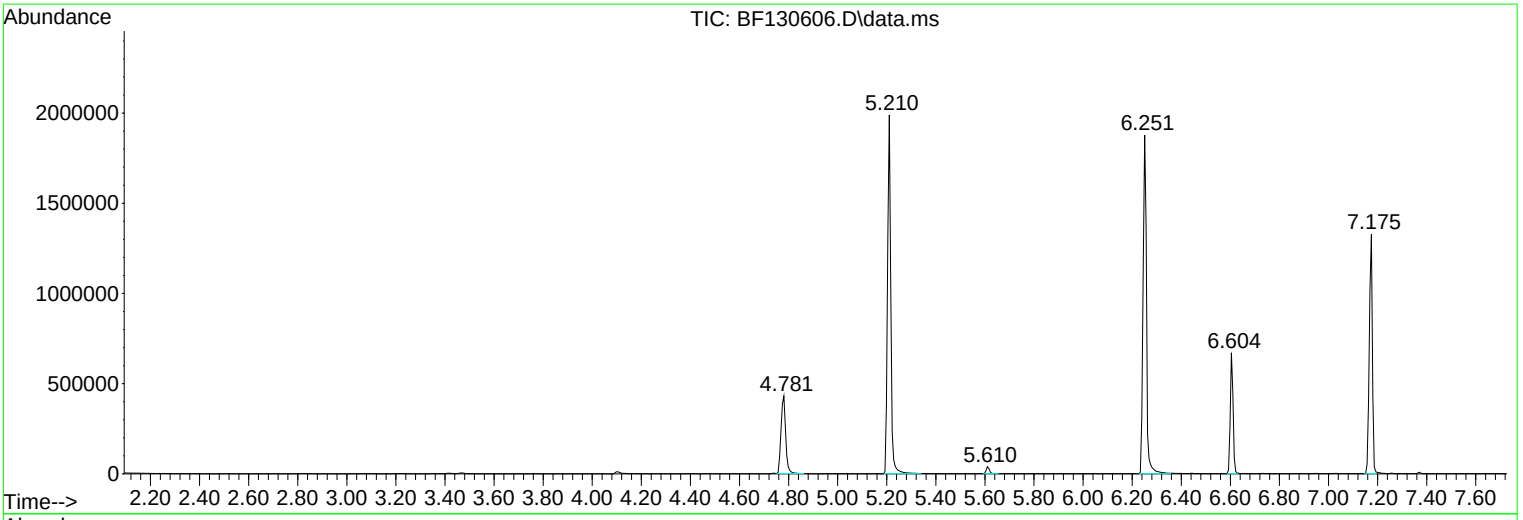
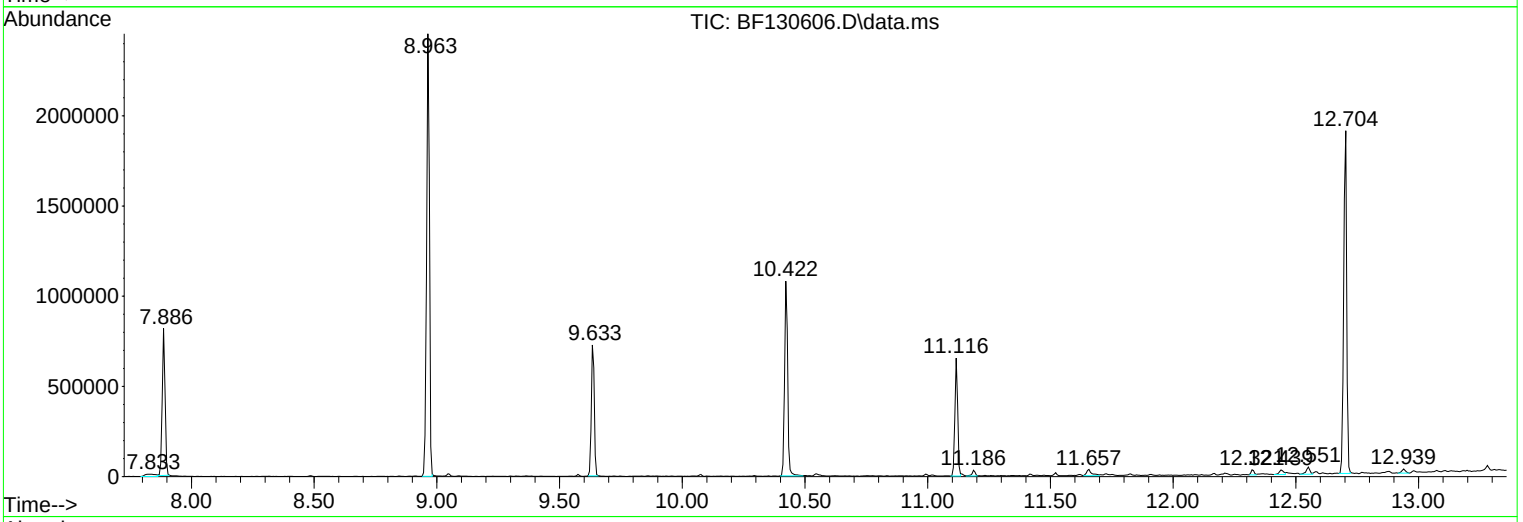
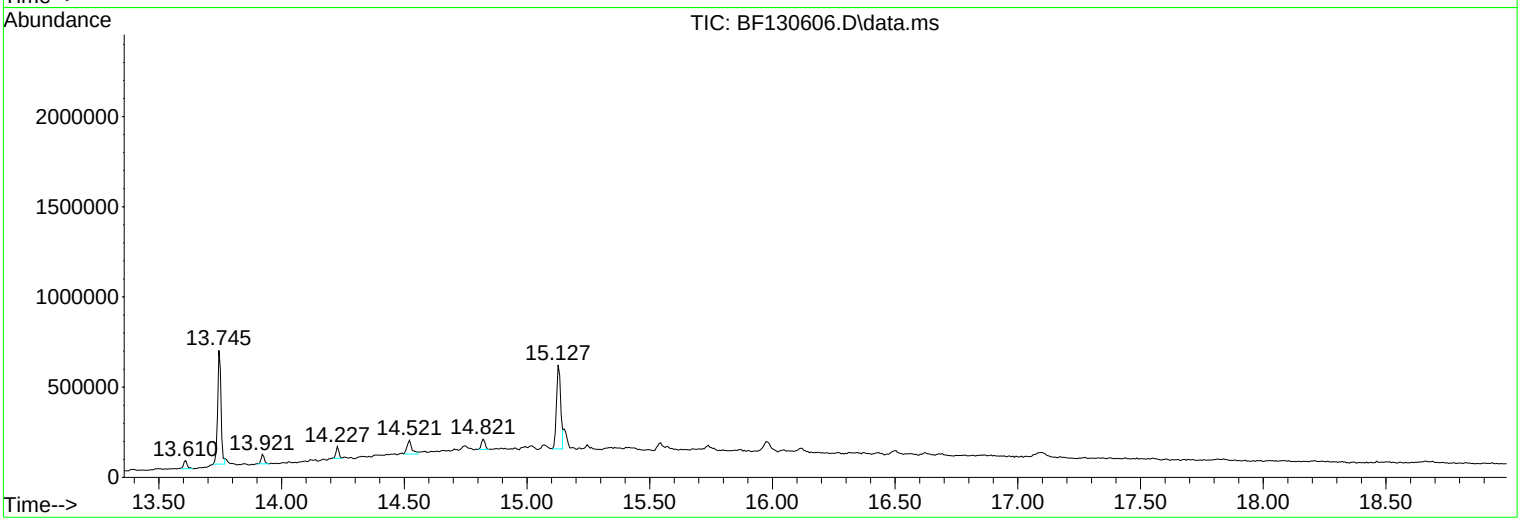
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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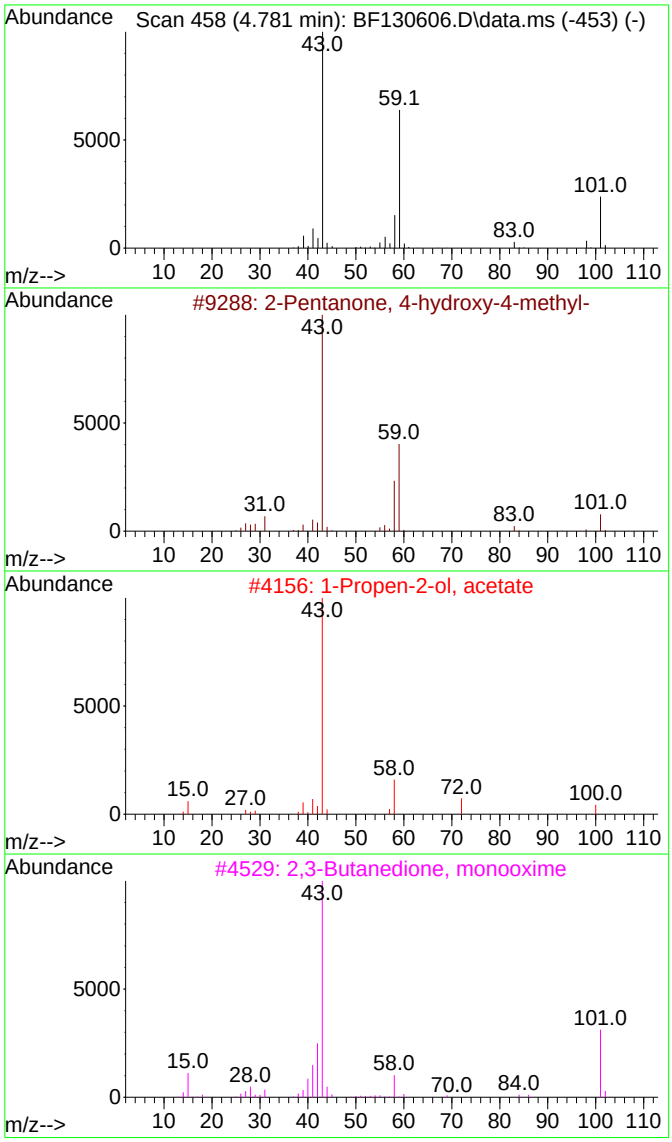
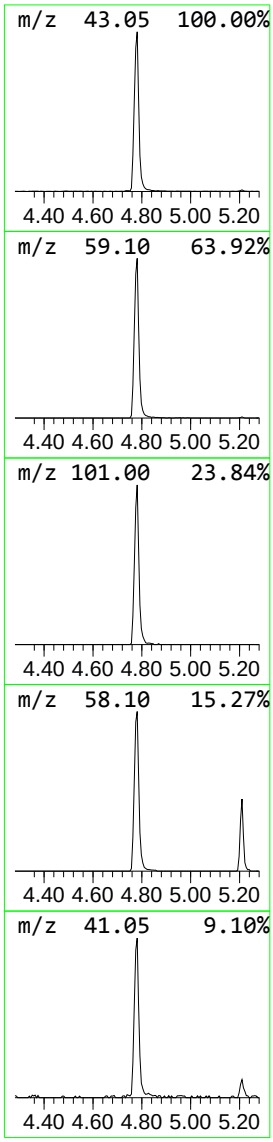
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.781	21.50 ng	566817	1,4-Dichlorobenzene-d4	6.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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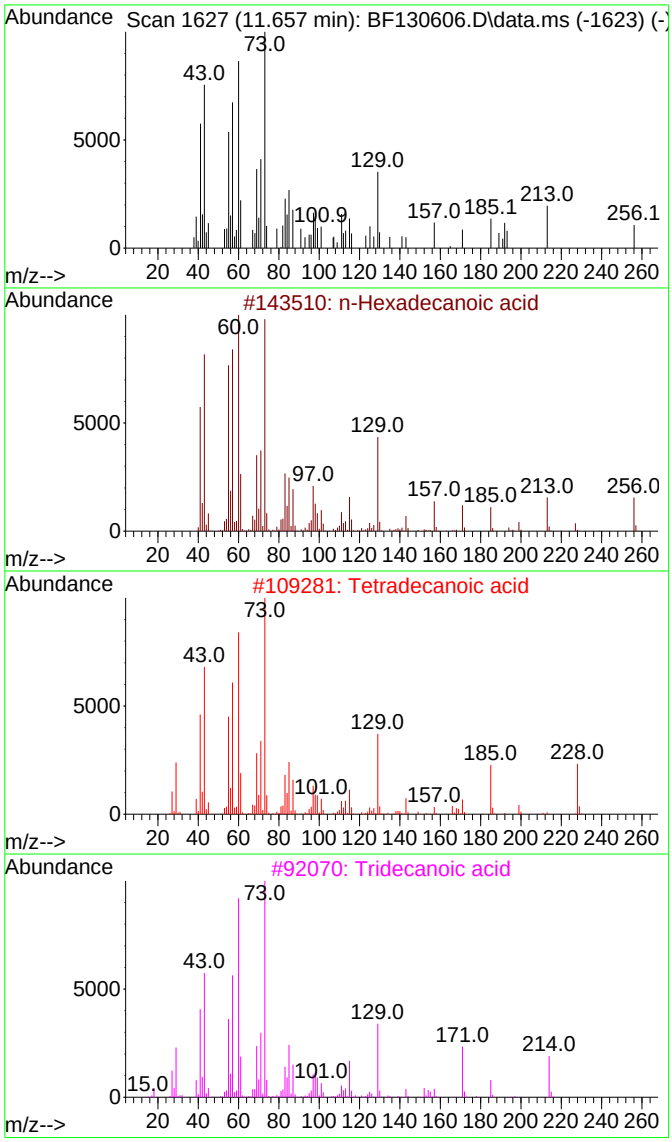
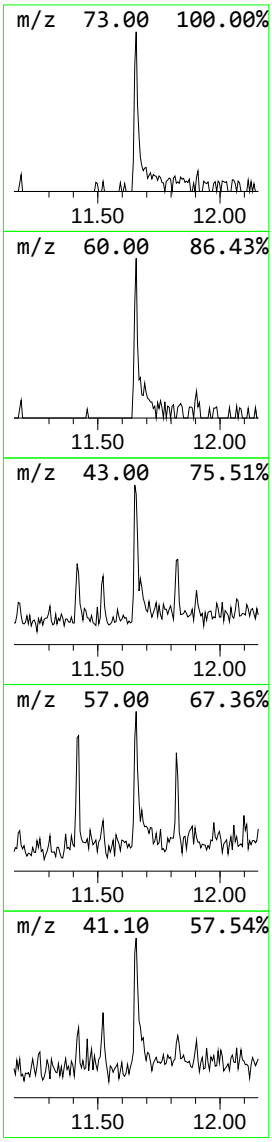
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	2.03 ng	52863	Phenanthrene-d10	11.116

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	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18





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TIC Library : C:\Database\NIST20.L
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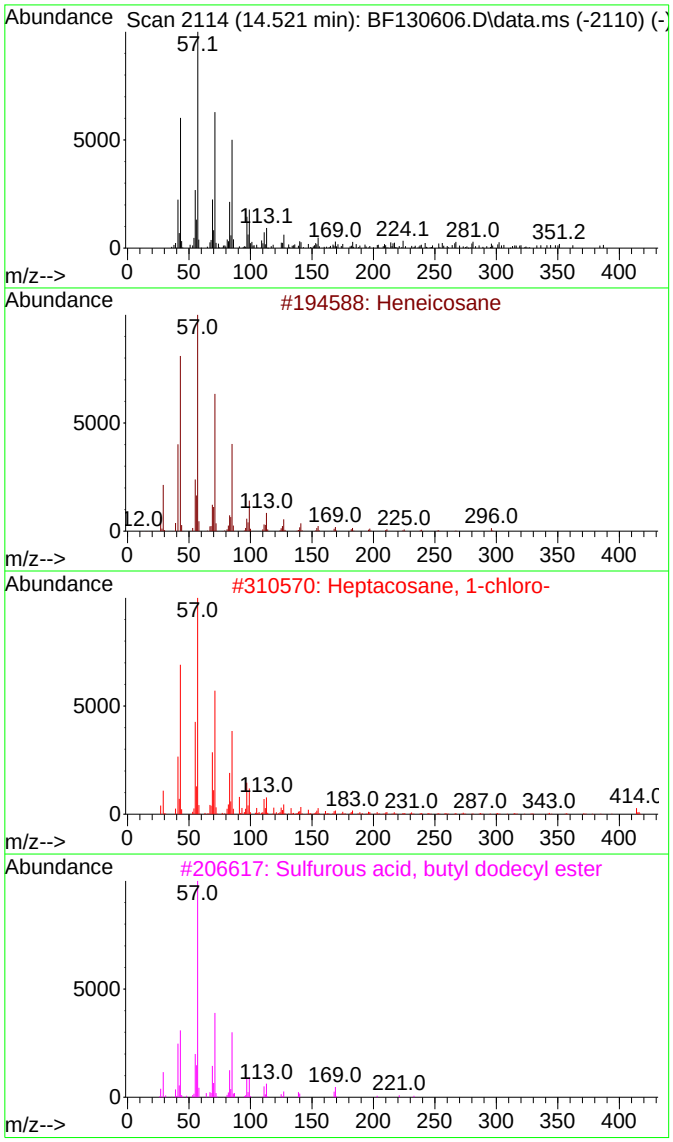
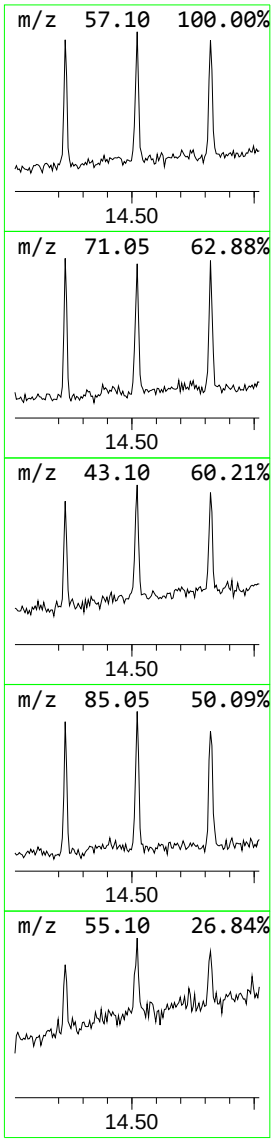
Peak Number 3 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.521	3.89 ng	107208	Perylene-d12	15.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83





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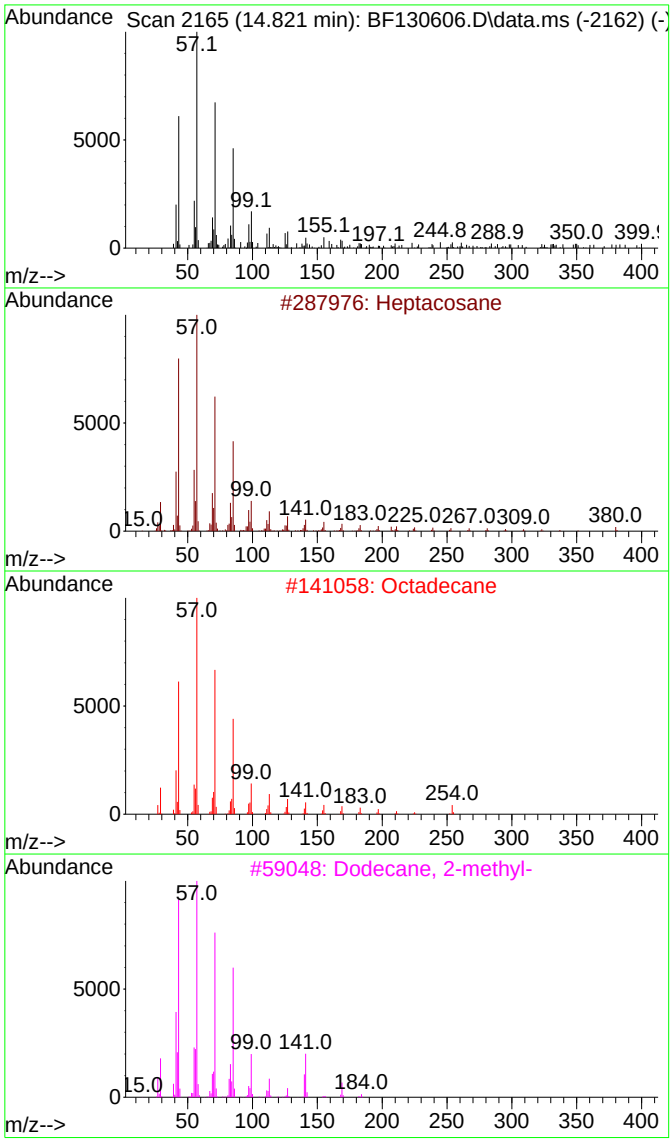
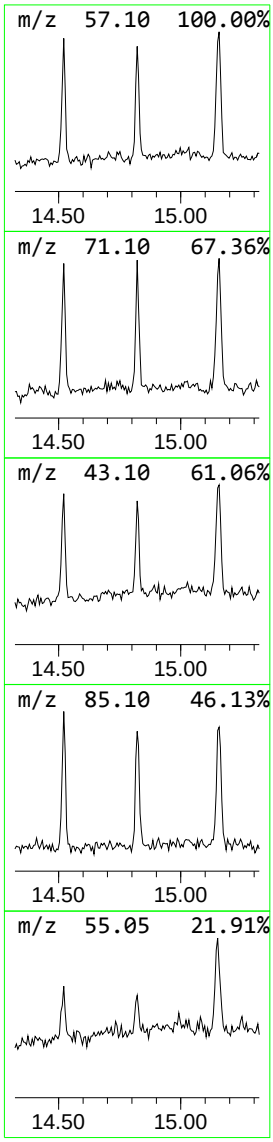
Peak Number 4 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	2.10 ng	57774	Perylene-d12	15.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.781	21.5	ng	566817	1	6.604	527279	20.0
n-Hexadecanoic ...	11.657	2.0	ng	52863	4	11.116	519995	20.0
Heneicosane	14.521	3.9	ng	107208	6	15.127	550611	20.0
Heptacosane	14.821	2.1	ng	57774	6	15.127	550611	20.0