LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
Data File : BF130600.D
Acq On : 10 Oct 2022 13:38
Operator : CG\JU
Sample : N5046-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-12

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: BF130600.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	469	rBV	332776	447031	20.23%	2.498%
2	5.210	527	531	549	rBV	1838506	1798412	81.37%	10.050%
3	5.610	595	599	608	rBV	42259	37776	1.71%	0.211%
4	6.251	704	708	721	rBV	1898665	1814187	82.08%	10.139%
5	6.604	764	768	772	rBV	797112	609118	27.56%	3.404%
6	7.175	860	865	868	rBV	1328441	1164366	52.68%	6.507%
7	7.857	975	981	982	rBV2	21863	27524	1.25%	0.154%
8	7.886	982	986	989	rVB	1030288	819913	37.10%	4.582%
9	8.963	1164	1169	1172	rBV	2743212	2210137	100.00%	12.351%
10	9.633	1279	1283	1287	rBV	1119772	907717	41.07%	5.073%
11	10.422	1413	1417	1430	rBV	983759	868743	39.31%	4.855%
12	11.116	1531	1535	1538	rBV	988557	804211	36.39%	4.494%
13	11.186	1544	1547	1550	rBV2	42986	33472	1.51%	0.187%
14	11.516	1599	1603	1606	rBV4	19837	31156	1.41%	0.174%
15	11.651	1611	1626	1636	rVV	880720	1433768	64.87%	8.013%
16	12.298	1733	1736	1738	rBV	65974	65729	2.97%	0.367%
17	12.439	1753	1760	1773	rVV	1305623	1891181	85.57%	10.569%
18	12.551	1777	1779	1782	rVB	36576	31611	1.43%	0.177%
19	12.698	1800	1804	1808	rBV	1680539	1396022	63.16%	7.802%
20	13.745	1974	1982	1985	rBV	613433	640937	29.00%	3.582%
21	13.921	2009	2012	2021	rVB8	26837	50171	2.27%	0.280%
22	14.386	2086	2091	2098	rBV2	63755	128782	5.83%	0.720%
23	14.515	2111	2113	2121	rVB3	21156	26969	1.22%	0.151%
24	14.745	2149	2152	2155	rBV2	22903	32168	1.46%	0.180%
25	14.951	2184	2187	2194	rVB2	43026	66630	3.01%	0.372%
26	15.127	2212	2217	2220	rBV	503767	556033	25.16%	3.107%

Sum of corrected areas: 17893764

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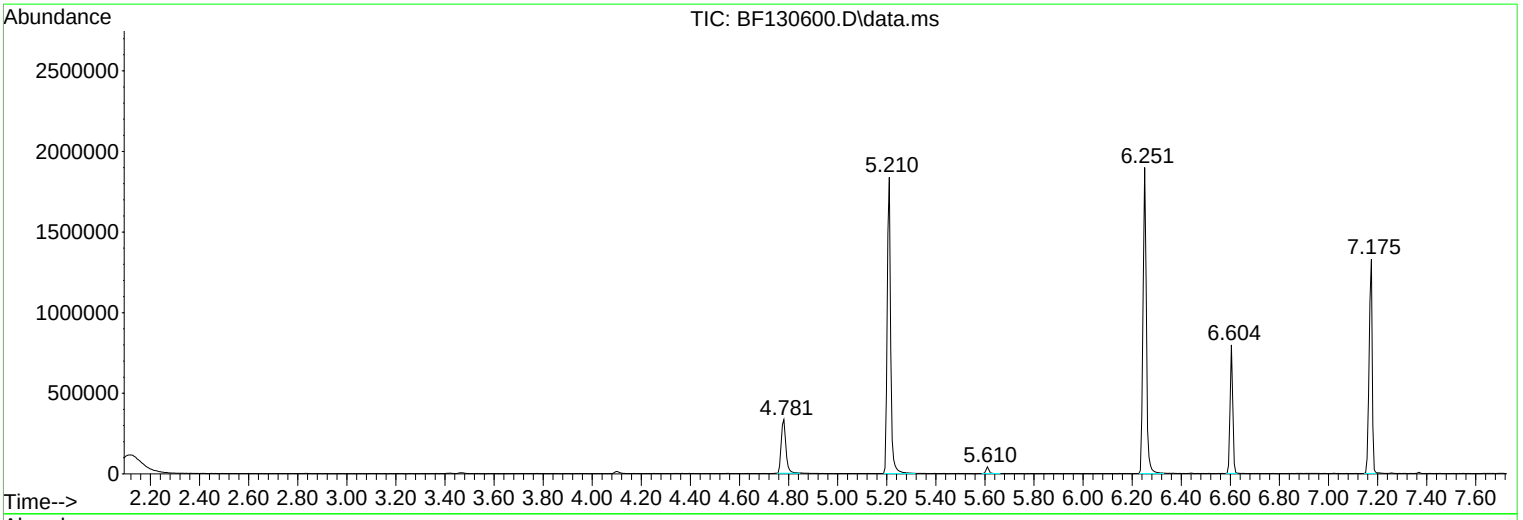
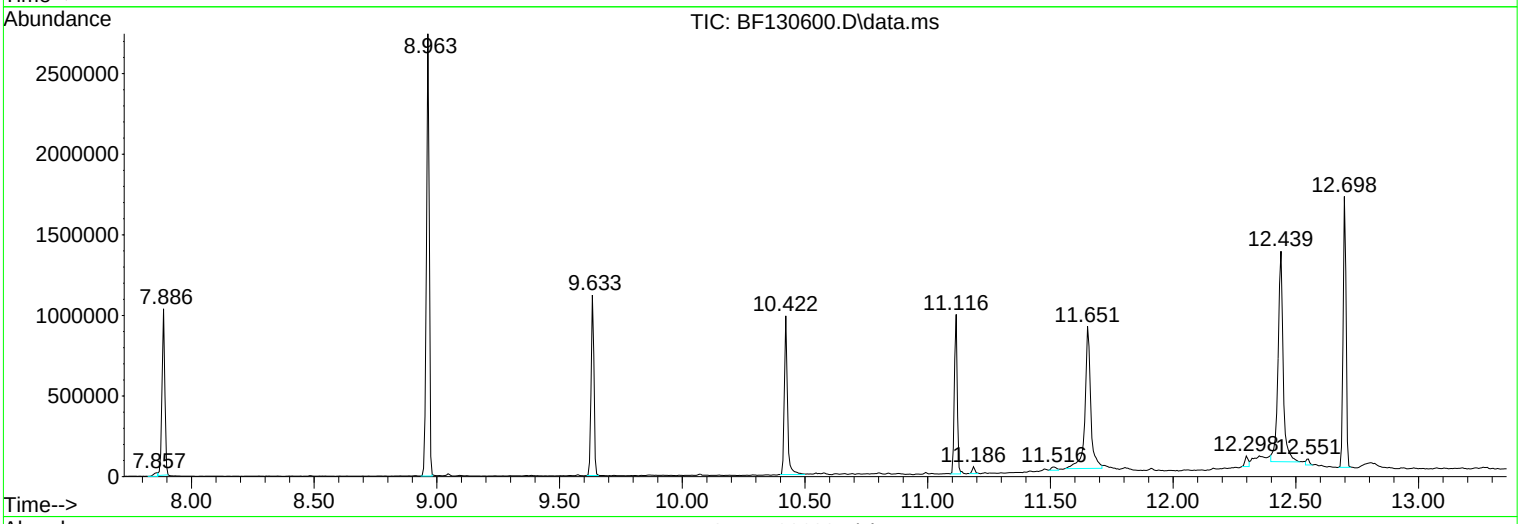
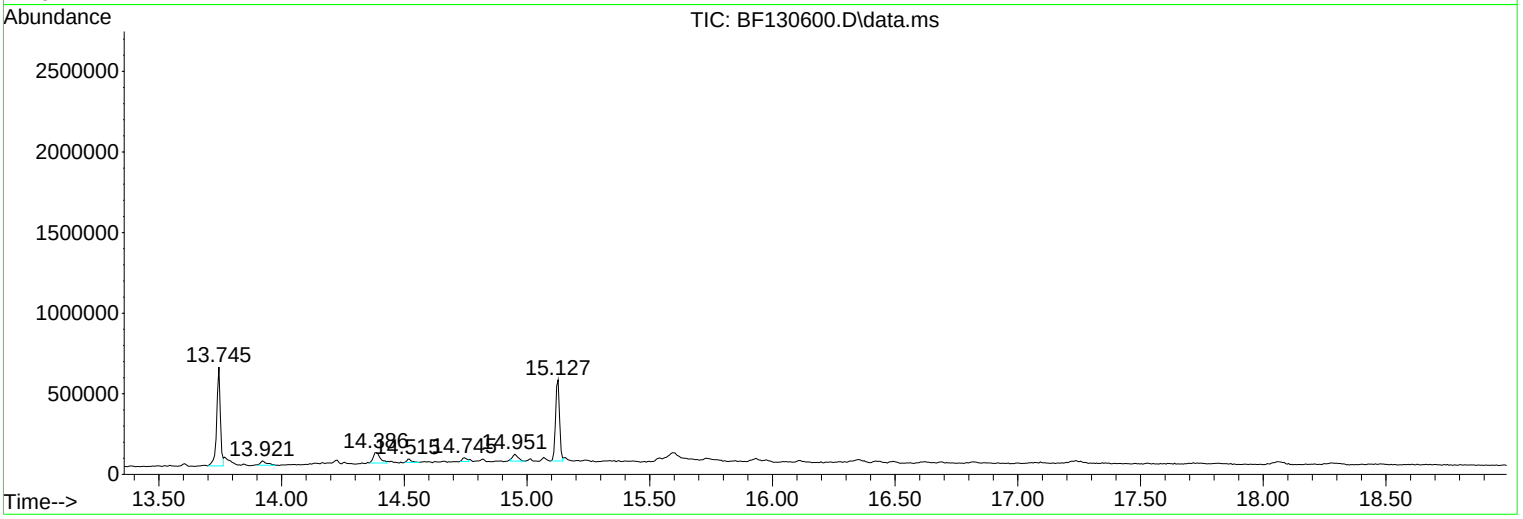
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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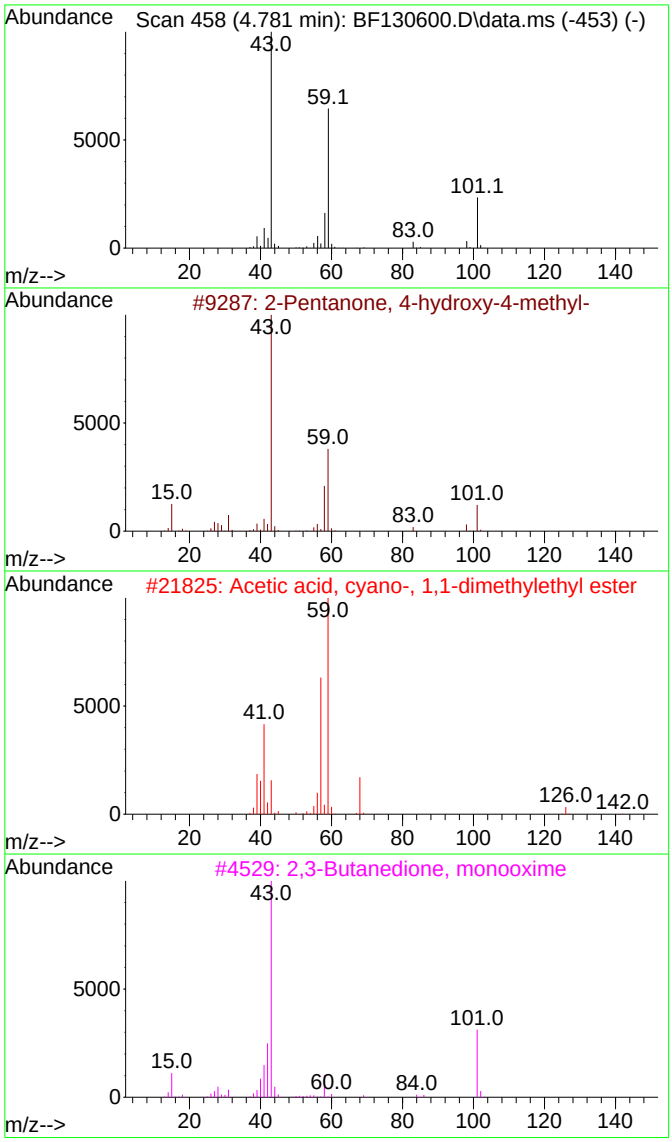
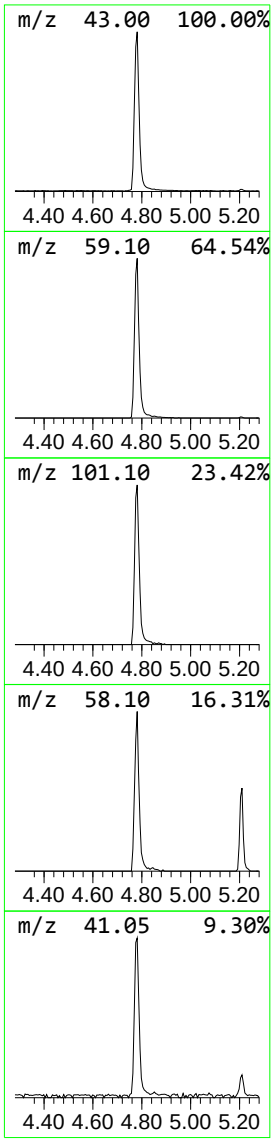
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.781	14.68 ng	447031	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	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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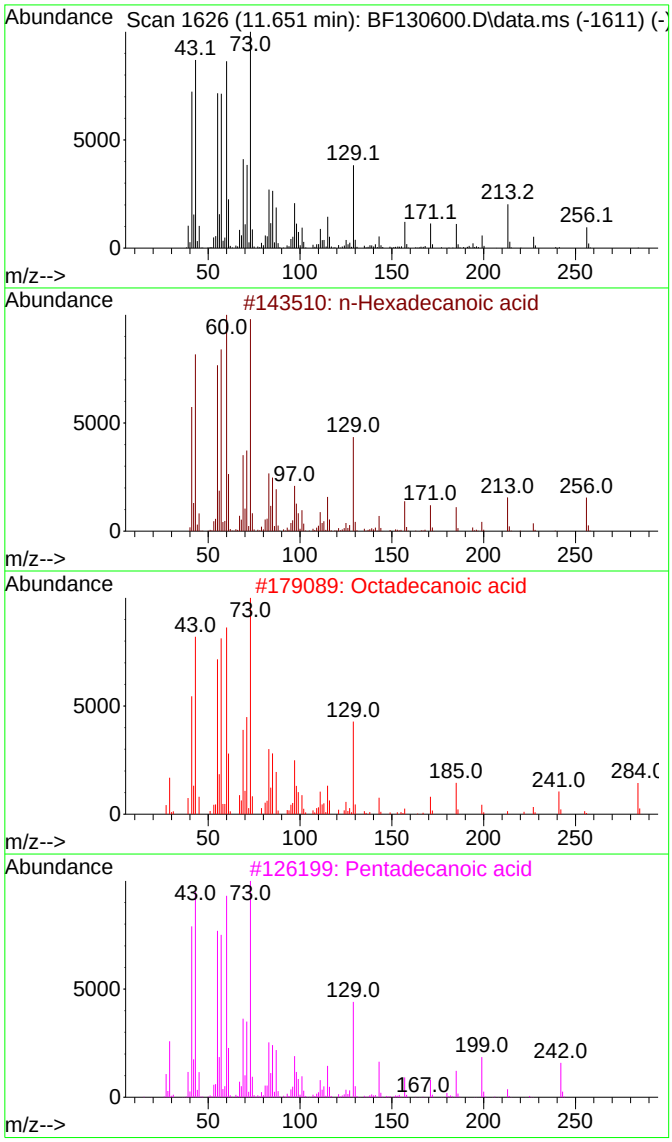
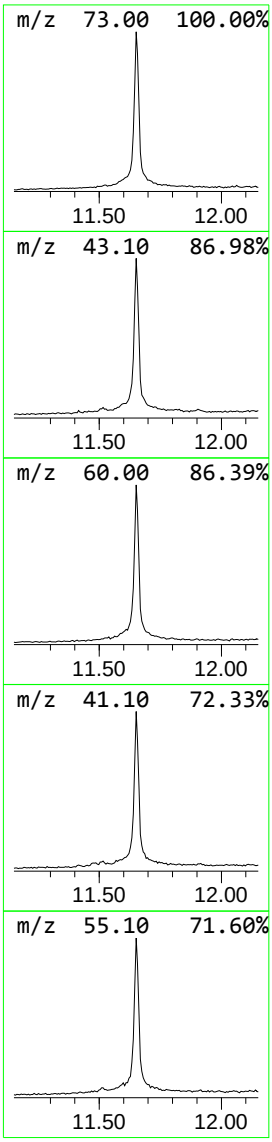
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	35.66 ng	1433770	Phenanthrene-d10	11.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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BNA_F
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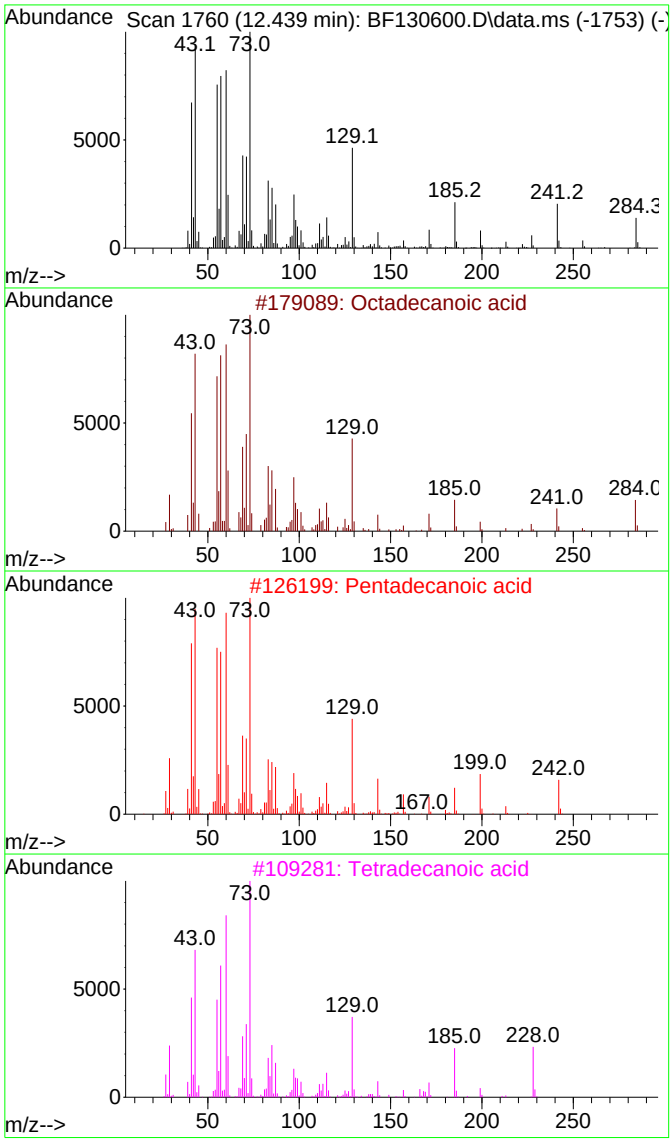
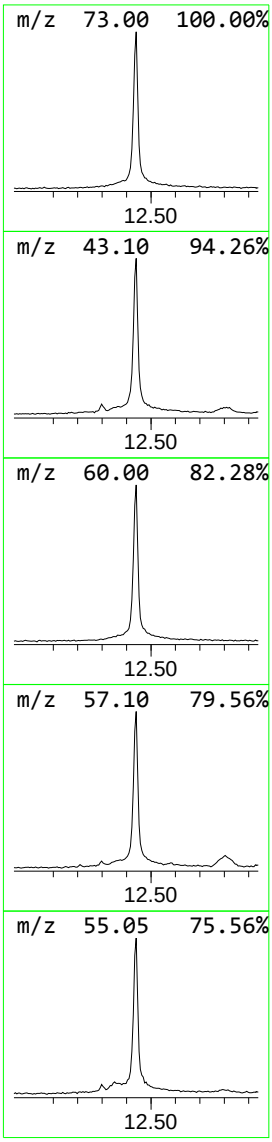
Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	59.01 ng	1891180	Chrysene-d12	13.745

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Misc :
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Instrument :
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ClientSampleId :
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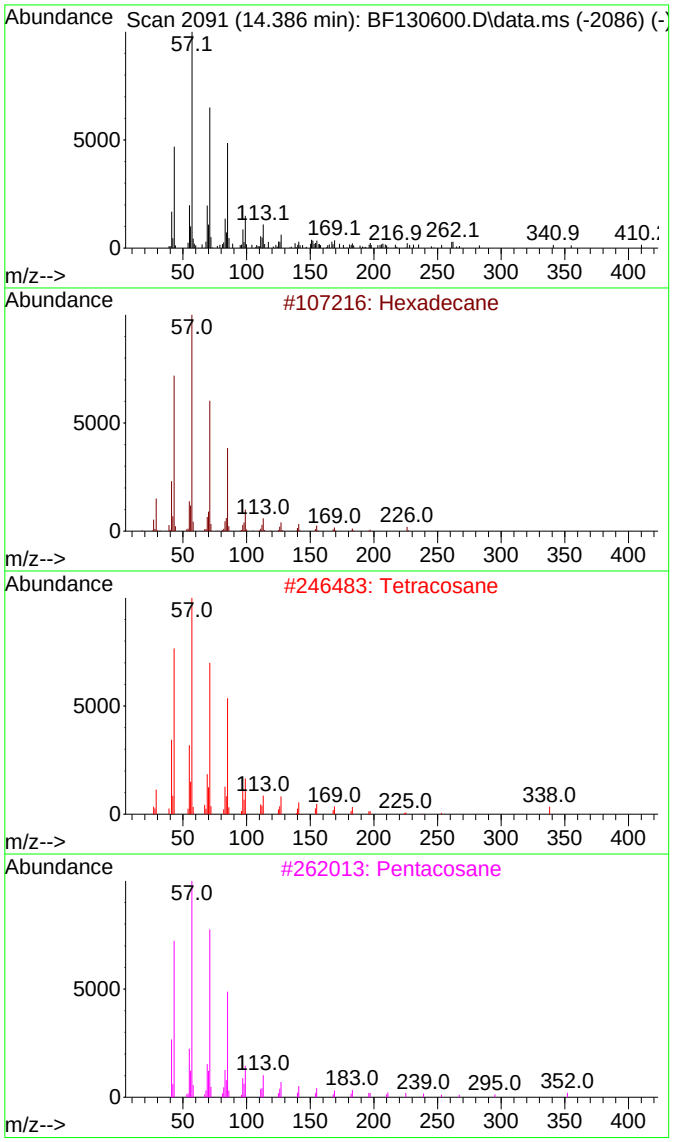
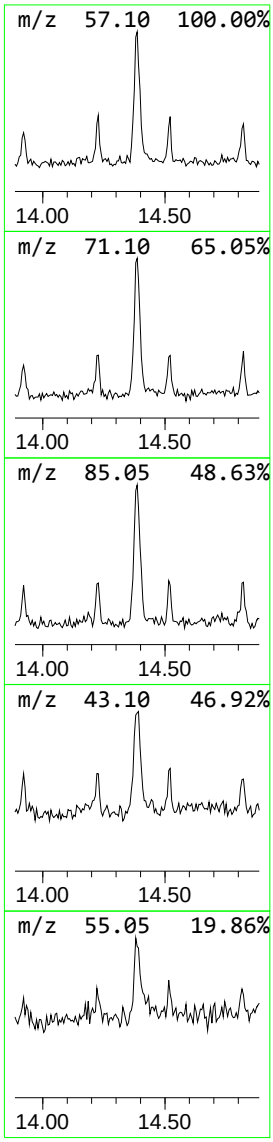
Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	4.02 ng	128782	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Operator : CG\JU
Sample : N5046-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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TIC Library : C:\Database\NIST20.L
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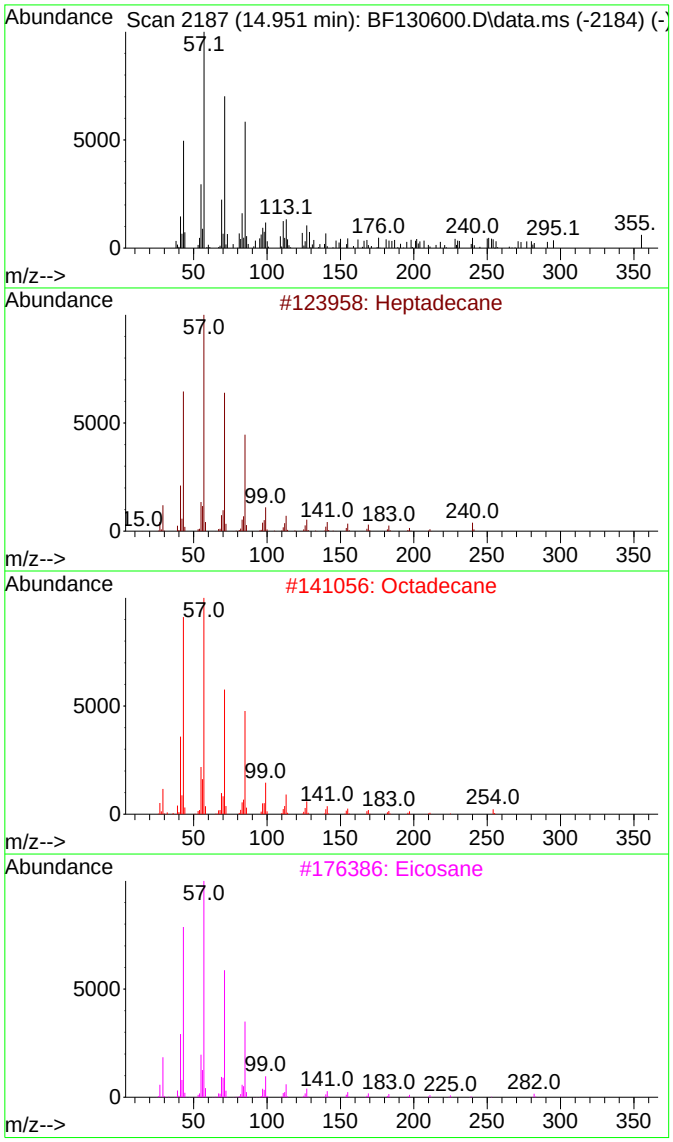
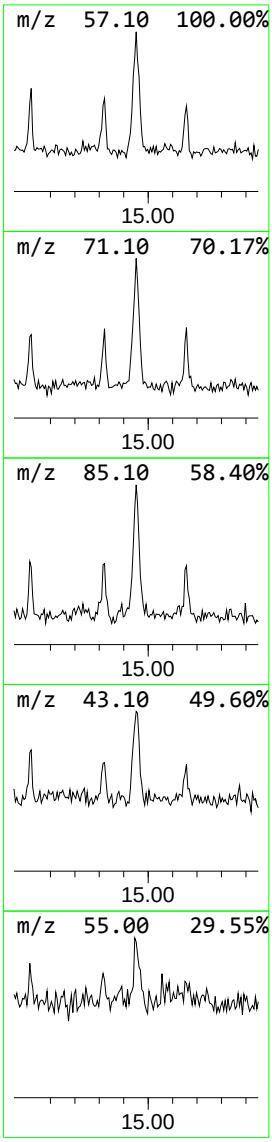
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	2.40 ng	66630	Perylene-d12	15.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Octadecane	254	C18H38	000593-45-3	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Tetracosane	338	C24H50	000646-31-1	52





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.781	14.7	ng	447031	1	6.604	609118	20.0
n-Hexadecanoic ...	11.651	35.7	ng	1433770	4	11.116	804211	20.0
Octadecanoic acid	12.439	59.0	ng	1891180	5	13.745	640937	20.0
Hexadecane	14.386	4.0	ng	128782	5	13.745	640937	20.0
Heptadecane	14.951	2.4	ng	66630	6	15.127	556033	20.0