LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112941.D
Acq On : 8 Mar 2019 13:50
Operator : JU/SJ
Sample : K1807-27
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	549	554	557	rBV	4189242	4249851	86.36%	9.321%
2	6.369	722	728	734	rBV2	4103212	4787929	97.29%	10.502%
3	6.498	746	750	754	rBV	4271632	4471598	90.86%	9.808%
4	6.728	786	789	793	rBV	1419576	1163351	23.64%	2.552%
5	6.887	812	816	819	rBV	3984359	3469572	70.50%	7.610%
6	7.287	879	884	898	rBV	2662405	2950489	59.95%	6.472%
7	8.010	1003	1007	1013	rBV	1525749	1424221	28.94%	3.124%
8	9.086	1185	1190	1204	rBV	5106058	4921339	100.00%	10.794%
9	9.481	1253	1257	1268	rVB	343764	349356	7.10%	0.766%
10	9.757	1300	1304	1319	rBV2	1654872	1688338	34.31%	3.703%
11	10.545	1433	1438	1453	rBV	3349389	3409296	69.28%	7.478%
12	11.239	1551	1556	1571	rVB	1687384	1868794	37.97%	4.099%
13	11.775	1643	1647	1661	rBV2	253342	364879	7.41%	0.800%
14	12.557	1776	1780	1794	rBV	293437	452620	9.20%	0.993%
15	12.822	1820	1825	1828	rBV	4709872	4883166	99.22%	10.711%
16	13.727	1975	1979	1994	rVV2	288189	502101	10.20%	1.101%
17	13.863	1997	2002	2015	rVB	1663877	1805733	36.69%	3.961%
18	14.045	2029	2033	2040	rBV	59292	71703	1.46%	0.157%
19	14.345	2081	2084	2094	rBV	112661	120338	2.45%	0.264%
20	14.639	2131	2134	2140	rVB	154072	143998	2.93%	0.316%
21	14.957	2184	2188	2192	rBV	189623	193888	3.94%	0.425%
22	15.263	2235	2240	2245	rBV	964836	1363246	27.70%	2.990%
23	15.310	2245	2248	2256	rVB	231455	318183	6.47%	0.698%
24	15.715	2311	2317	2323	rBV	204103	306502	6.23%	0.672%
25	16.180	2390	2396	2408	rVB	122341	239192	4.86%	0.525%
26	16.727	2485	2489	2497	rVB2	40181	72339	1.47%	0.159%

Sum of corrected areas: 45592022

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Misc :
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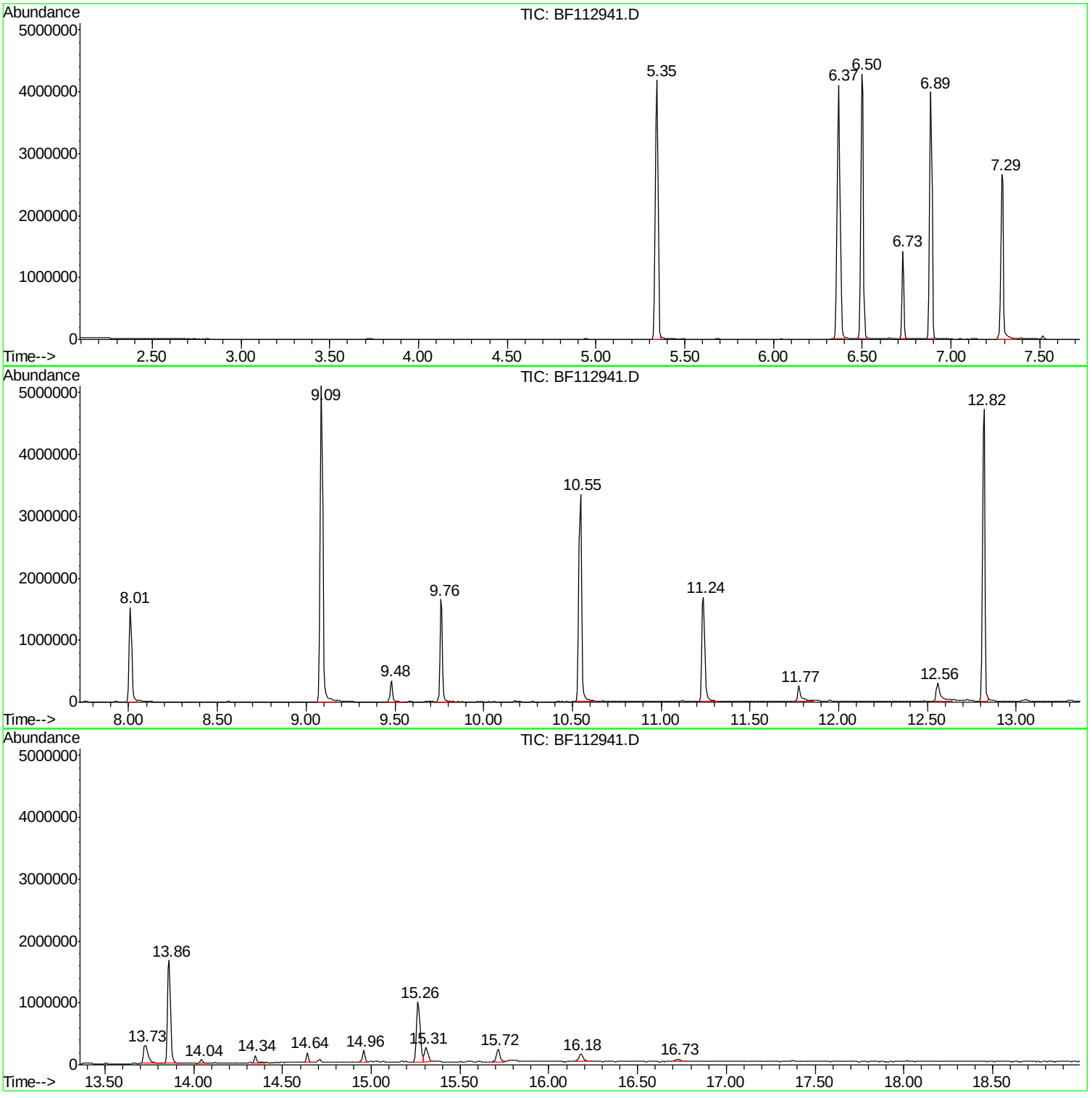
Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF112941.D
Acq On : 8 Mar 2019 13:50
Operator : JU/SJ
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ClientSampleId : TP-15

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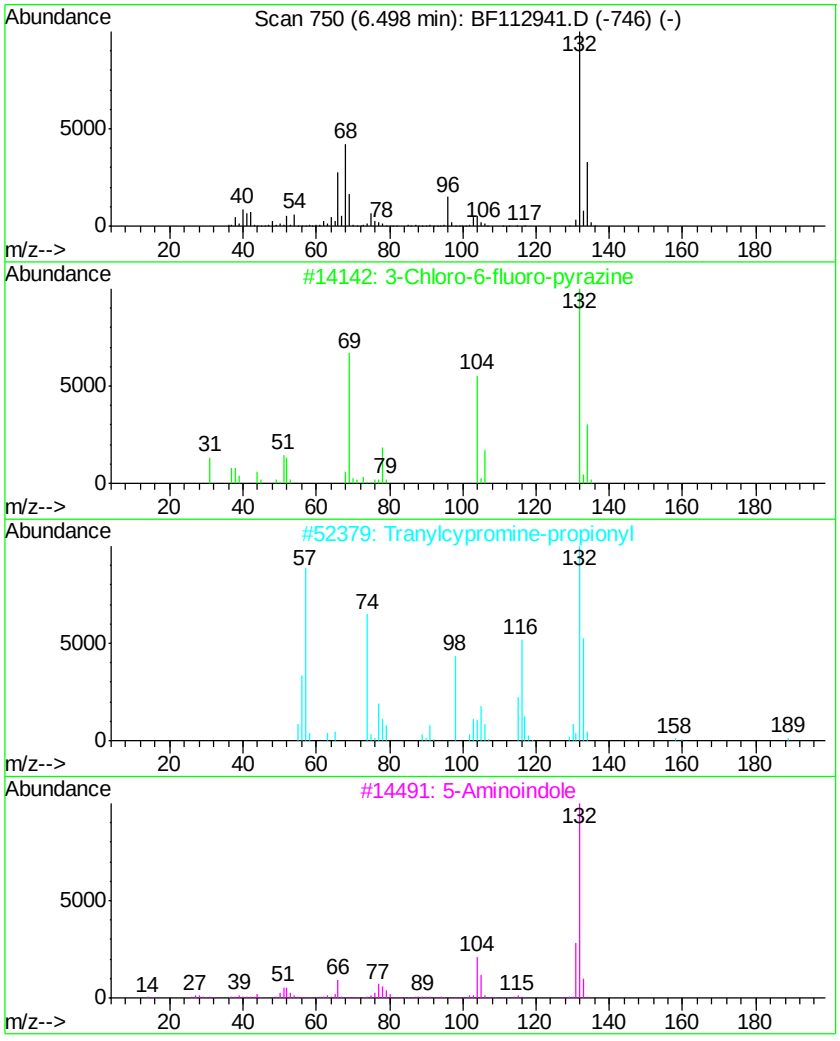
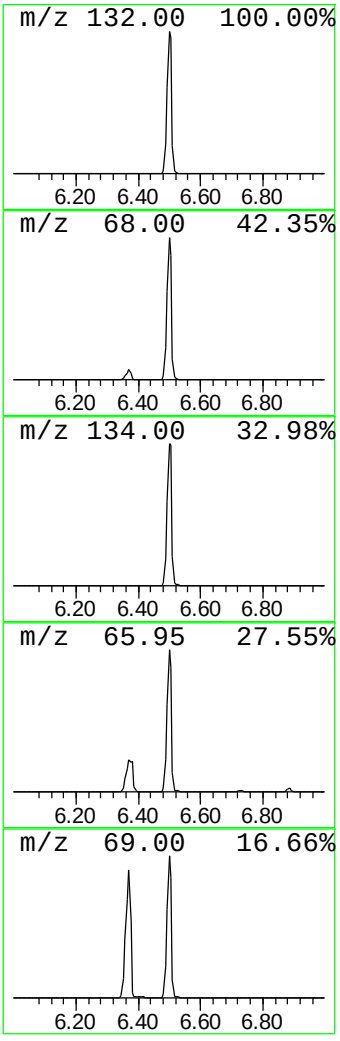
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	76.87 ng	4471600	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-15

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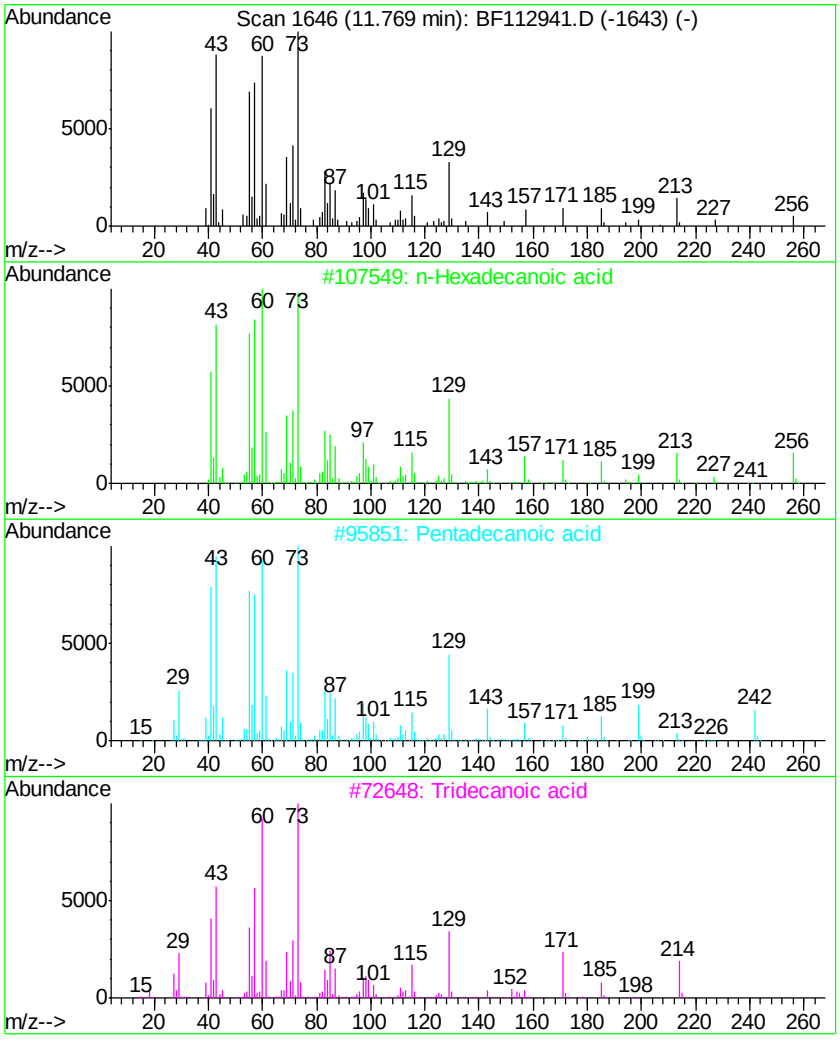
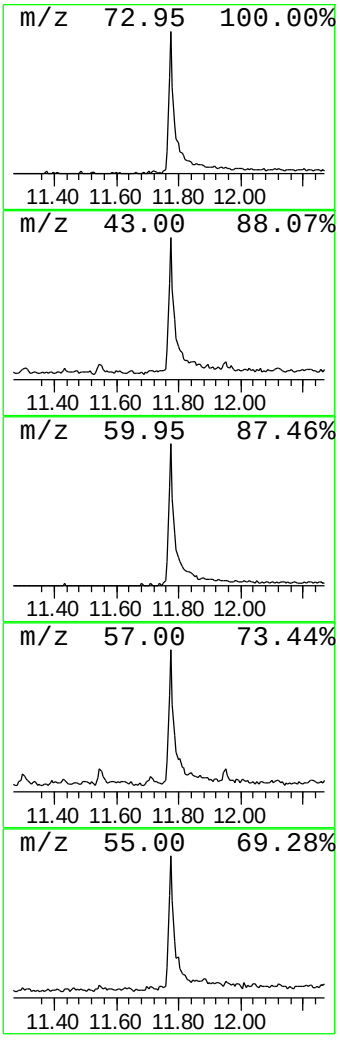
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.90 ng	364879	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_F
ClientSampleId : TP-15

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TIC Library : C:\DATABASE\NIST11.L
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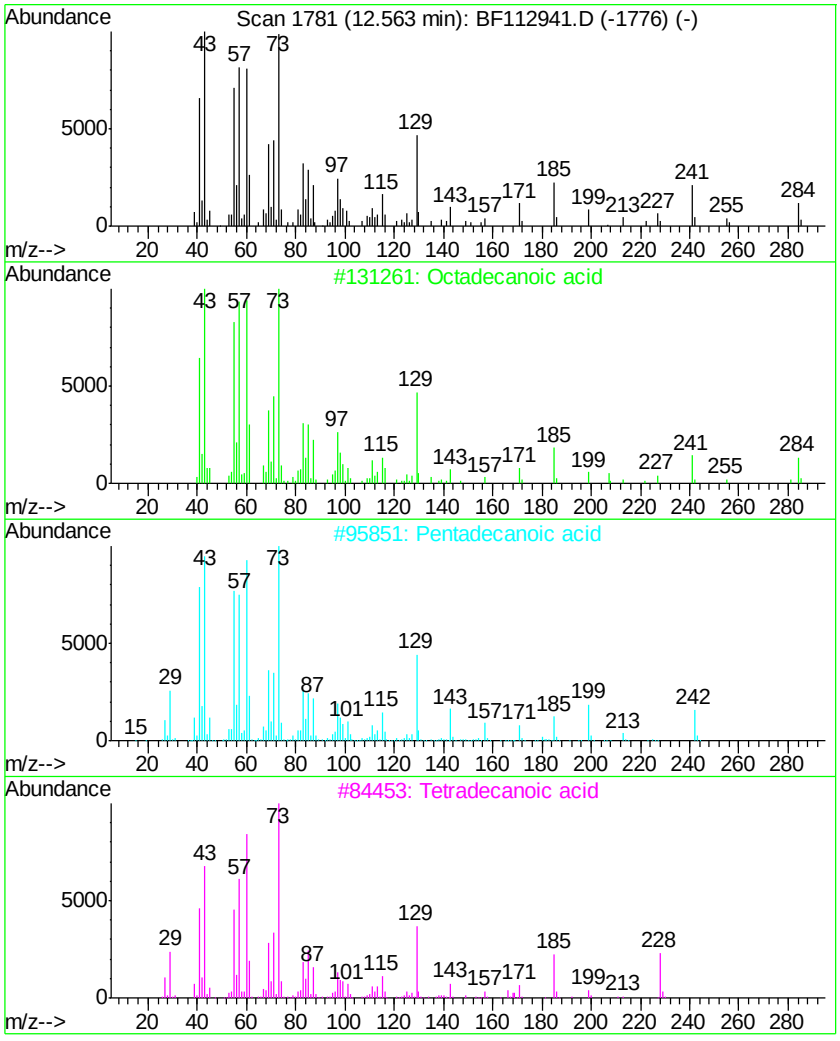
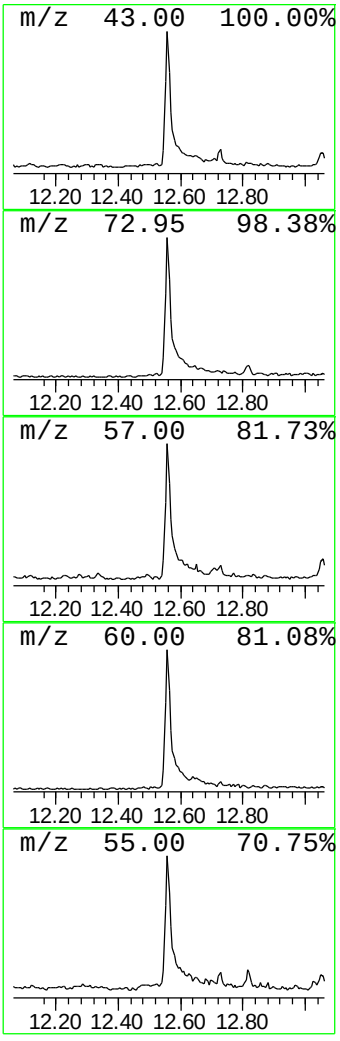
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.01 ng	452620	Chrysene-d12	13.86

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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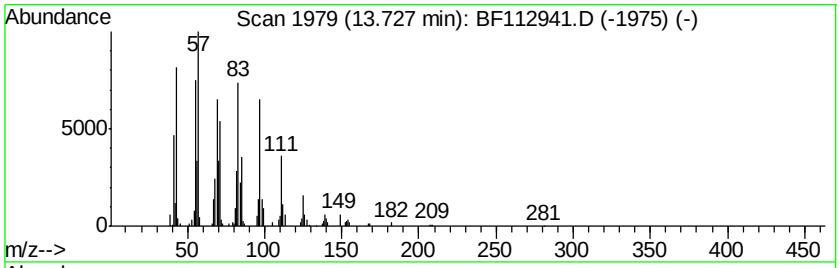
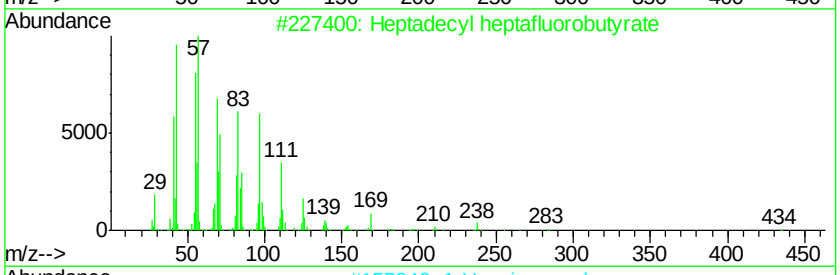
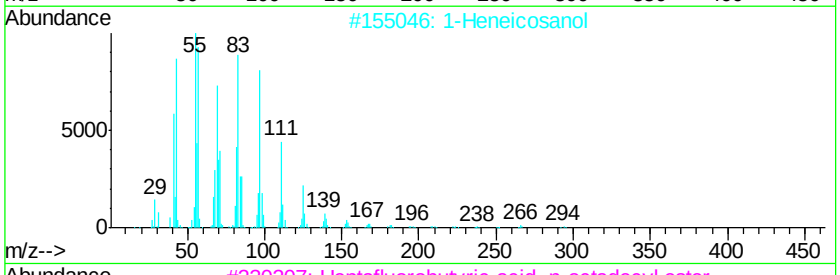
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 3

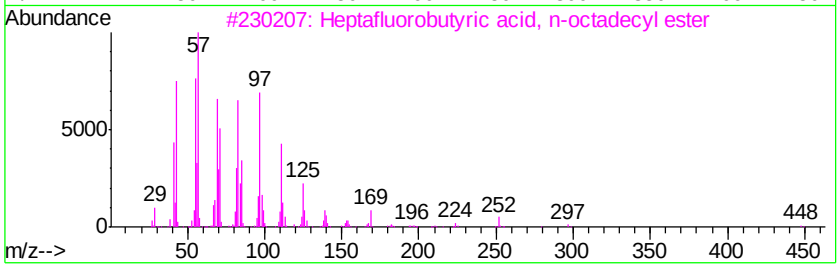
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.56 ng	502101	Chrysene-d12	13.86

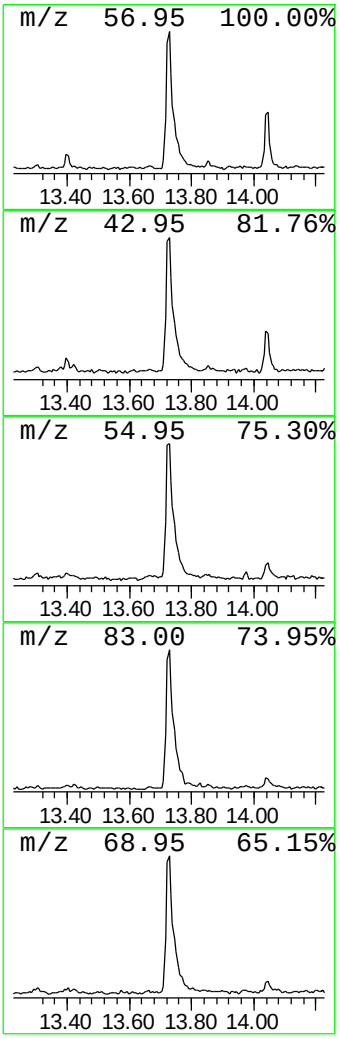
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91











Library Search Compound Report

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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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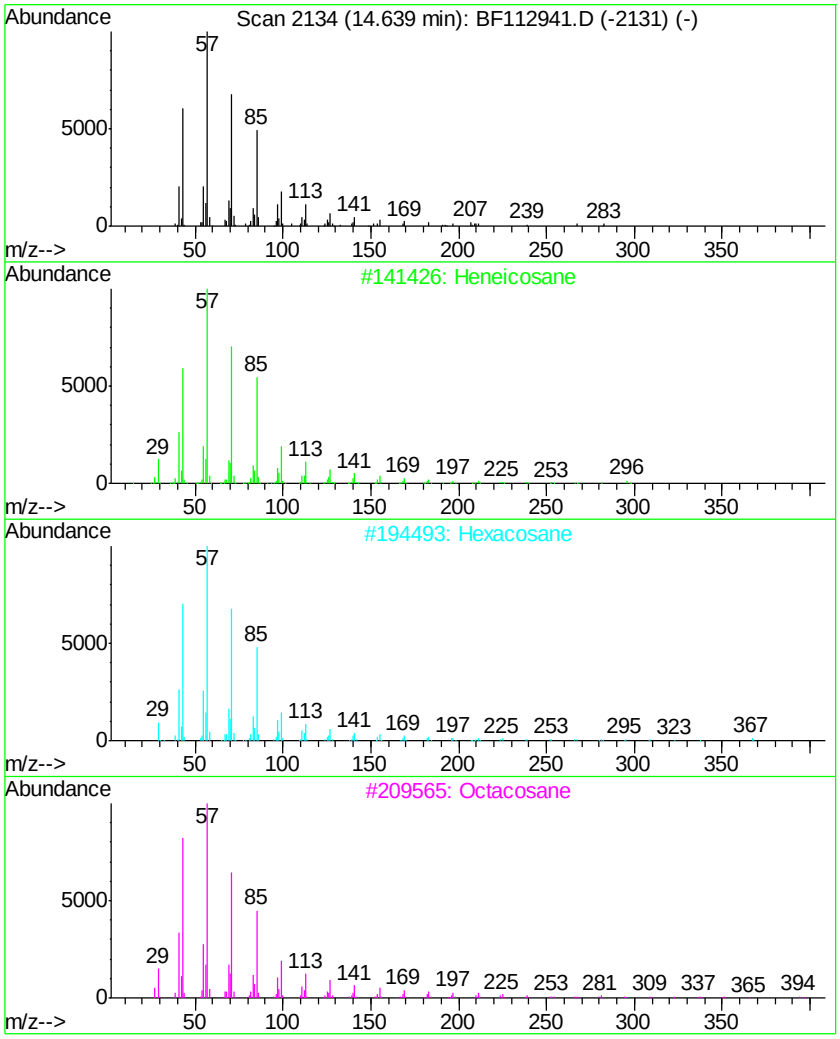
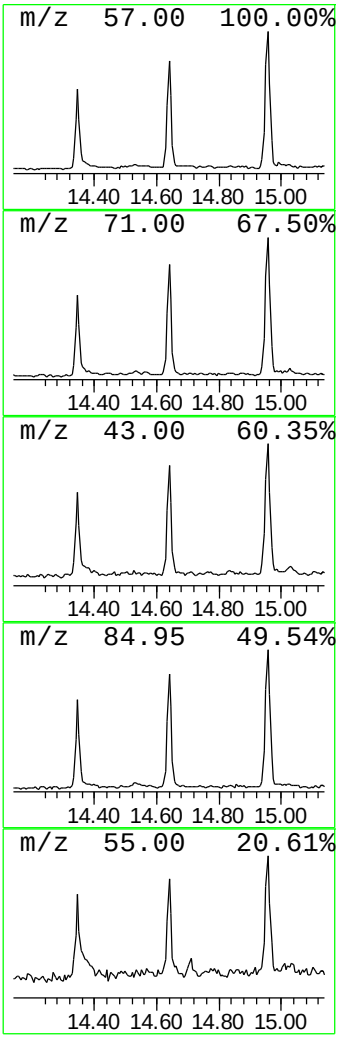
Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.11 ng	143998	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Octadecane	254	C18H38	000593-45-3	87





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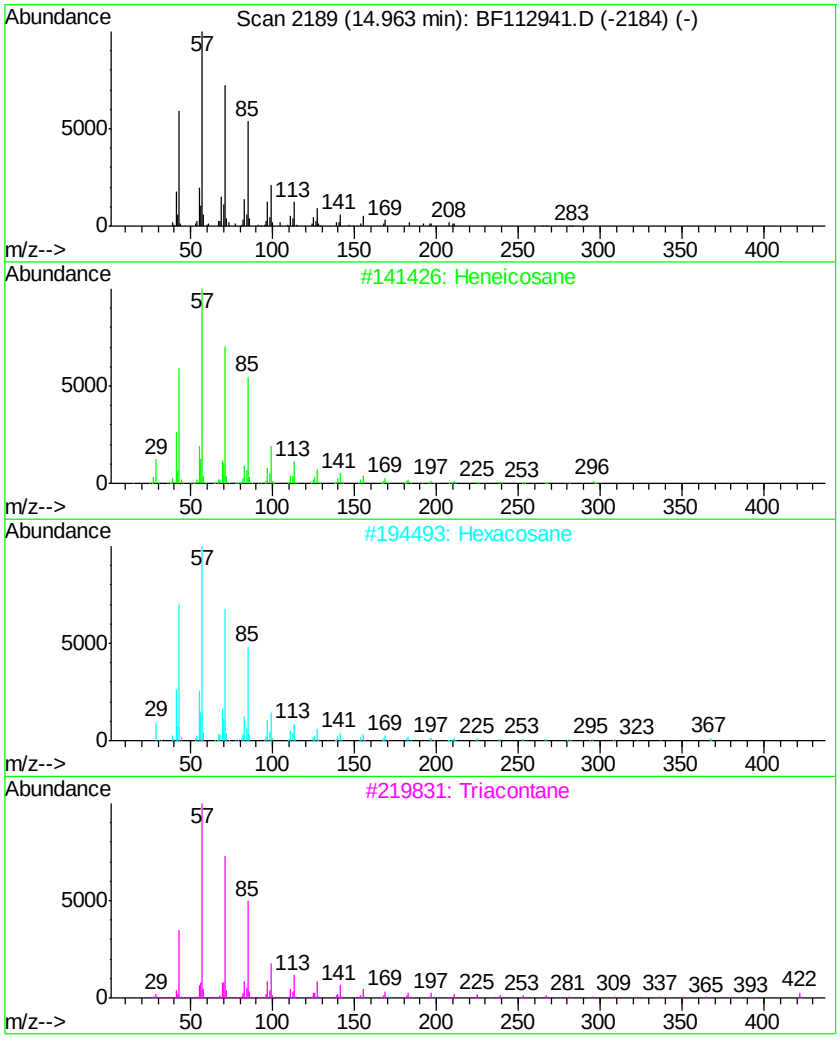
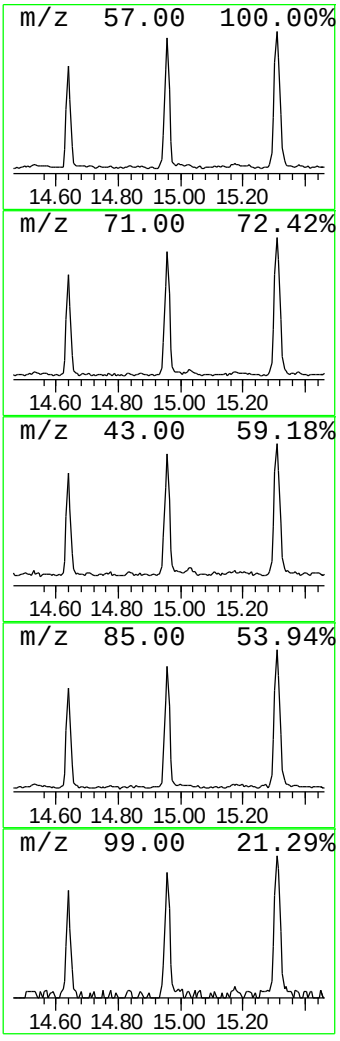
Peak Number 7 unknown14.96 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.84 ng	193888	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Triacontane	422	C30H62	000638-68-6	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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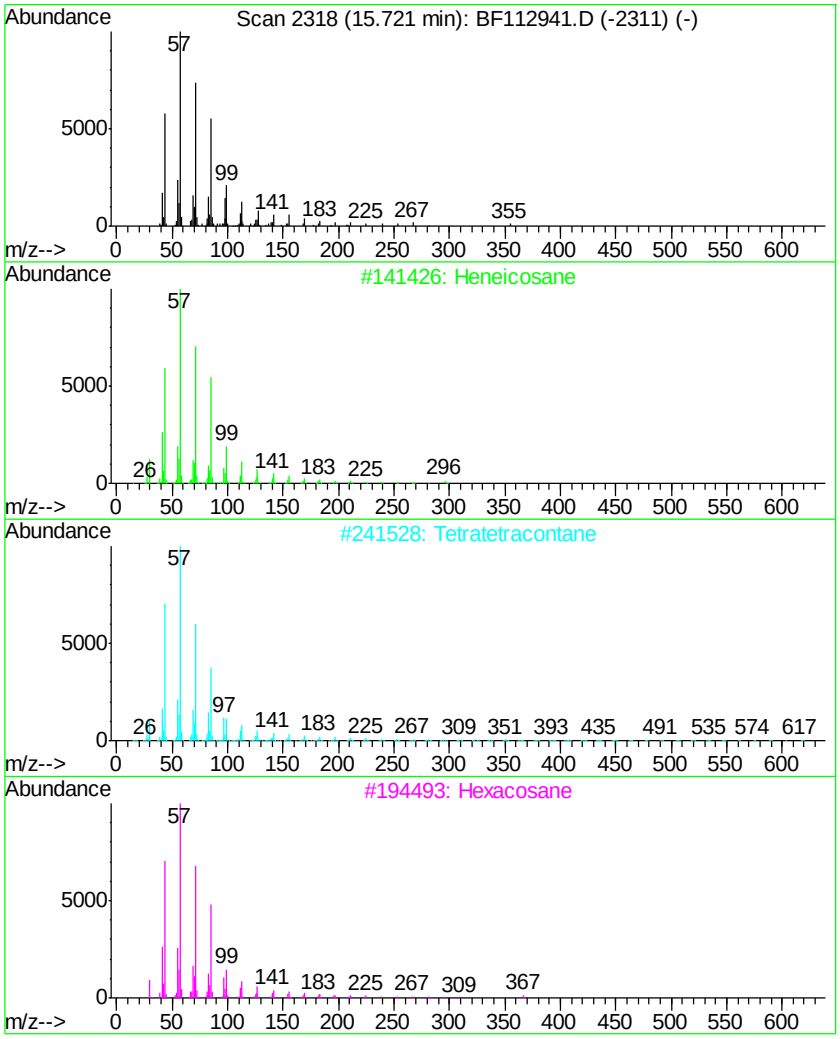
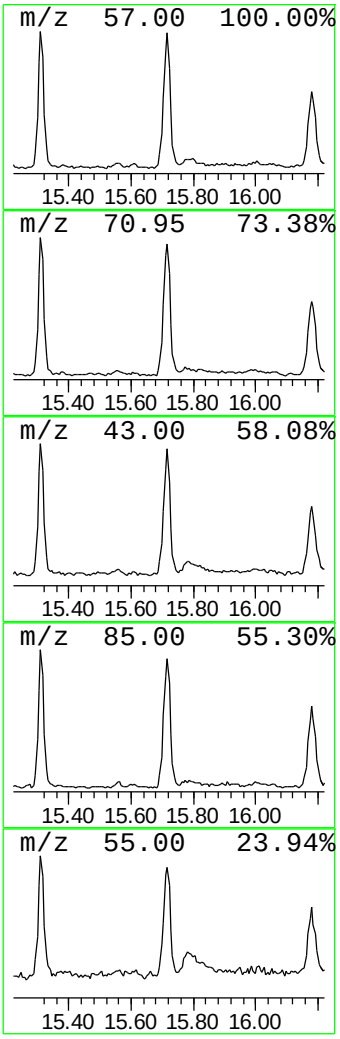
Peak Number 8 unknown15.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.50 ng	306502	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90





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TIC Library : C:\DATABASE\NIST11.L
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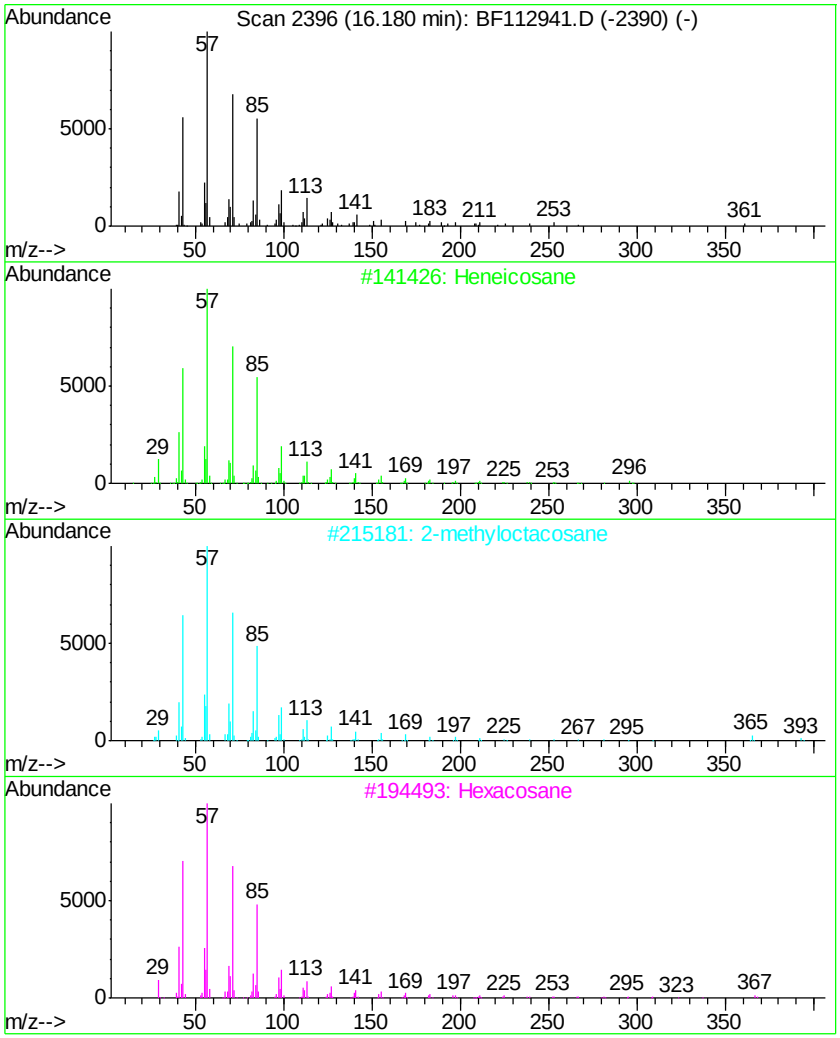
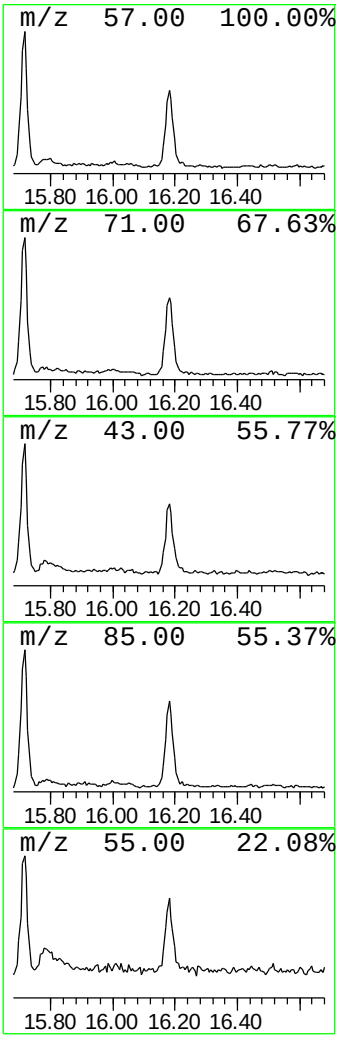
Peak Number 9 unknown16.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.51 ng	239192	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	76.9	ng	4471600	1	6.73	1163350	20.0
n-Hexadecanoic acid	11.77	3.9	ng	364879	4	11.24	1868790	20.0
Octadecanoic acid	12.56	5.0	ng	452620	5	13.86	1805730	20.0
Heptadecyl heptaf...	13.73	5.6	ng	502101	5	13.86	1805730	20.0
Heneicosane	14.64	2.1	ng	143998	6	15.26	1363250	20.0
unknown14.96	14.96	2.8	ng	193888	6	15.26	1363250	20.0
unknown15.72	15.72	4.5	ng	306502	6	15.26	1363250	20.0
unknown16.18	16.18	3.5	ng	239192	6	15.26	1363250	20.0