LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117488.D
Acq On : 23 Oct 2019 17:38
Operator : JU
Sample : K5480-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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-BF101819.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	5.351	551	555	575	rBV	907280	953869	81.27%	9.432%
2	6.381	726	730	747	rBV	1077222	1091185	92.97%	10.790%
3	6.504	747	751	760	rVB	1276581	1082482	92.23%	10.704%
4	6.734	787	790	805	rBV	243506	247756	21.11%	2.450%
5	6.887	812	816	830	rBV	879423	760436	64.79%	7.520%
6	7.298	882	886	903	rBV	625076	640202	54.54%	6.331%
7	8.010	1004	1007	1022	rBV	323325	319772	27.24%	3.162%
8	9.086	1186	1190	1193	rBV	1374454	1105839	94.22%	10.935%
9	9.481	1254	1257	1268	rBV	141569	119152	10.15%	1.178%
10	9.763	1301	1305	1315	rBV	436567	384253	32.74%	3.800%
11	10.551	1436	1439	1453	rBV	728191	713389	60.78%	7.054%
12	11.245	1554	1557	1567	rBV	392953	397501	33.87%	3.931%
13	11.316	1567	1569	1571	rVB2	17942	13945	1.19%	0.138%
14	11.774	1645	1647	1654	rVB2	55466	58702	5.00%	0.580%
15	12.557	1778	1780	1787	rBV2	11491	14839	1.26%	0.147%
16	12.698	1800	1804	1807	rBV	23142	24989	2.13%	0.247%
17	12.833	1822	1827	1830	rBV	1251354	1173714	100.00%	11.606%
18	13.727	1975	1979	1994	rVB2	91566	161073	13.72%	1.593%
19	13.886	2003	2006	2017	rBV	323356	363026	30.93%	3.590%
20	14.039	2029	2032	2035	rBV	16179	15742	1.34%	0.156%
21	14.345	2077	2084	2087	rBV	23765	24117	2.05%	0.238%
22	14.639	2129	2134	2138	rVB2	28845	30323	2.58%	0.300%
23	14.957	2185	2188	2193	rVB2	26691	28761	2.45%	0.284%
24	15.315	2245	2249	2260	rBV	216087	289573	24.67%	2.863%
25	15.715	2312	2317	2322	rVB2	23842	33352	2.84%	0.330%
26	15.786	2322	2329	2333	rBV4	13055	27689	2.36%	0.274%
27	16.180	2392	2396	2402	rBV2	14624	21621	1.84%	0.214%
28	16.721	2484	2488	2495	rBV4	7931	15510	1.32%	0.153%

Sum of corrected areas: 10112812

LSC Report - Integrated Chromatogram

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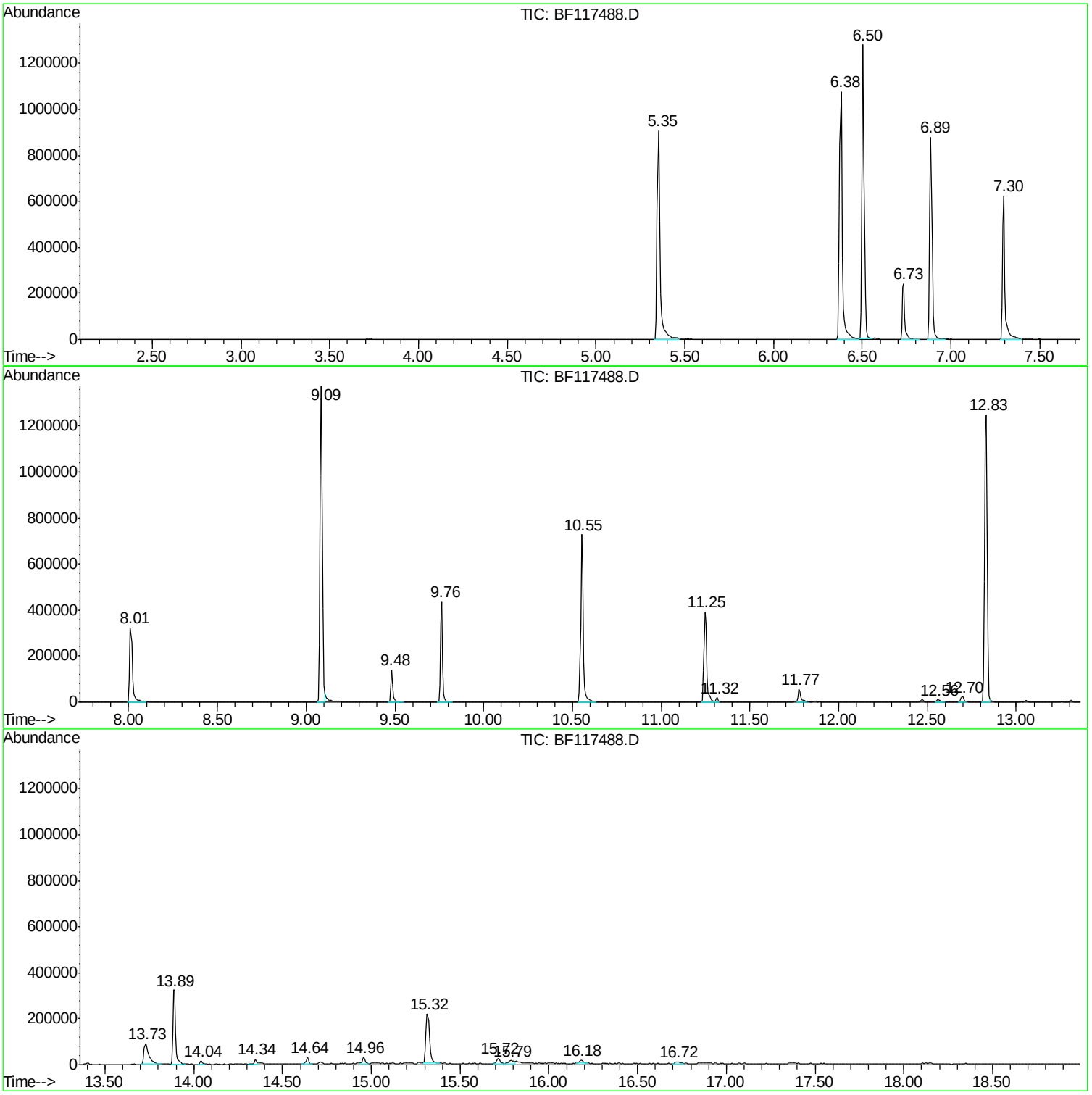
Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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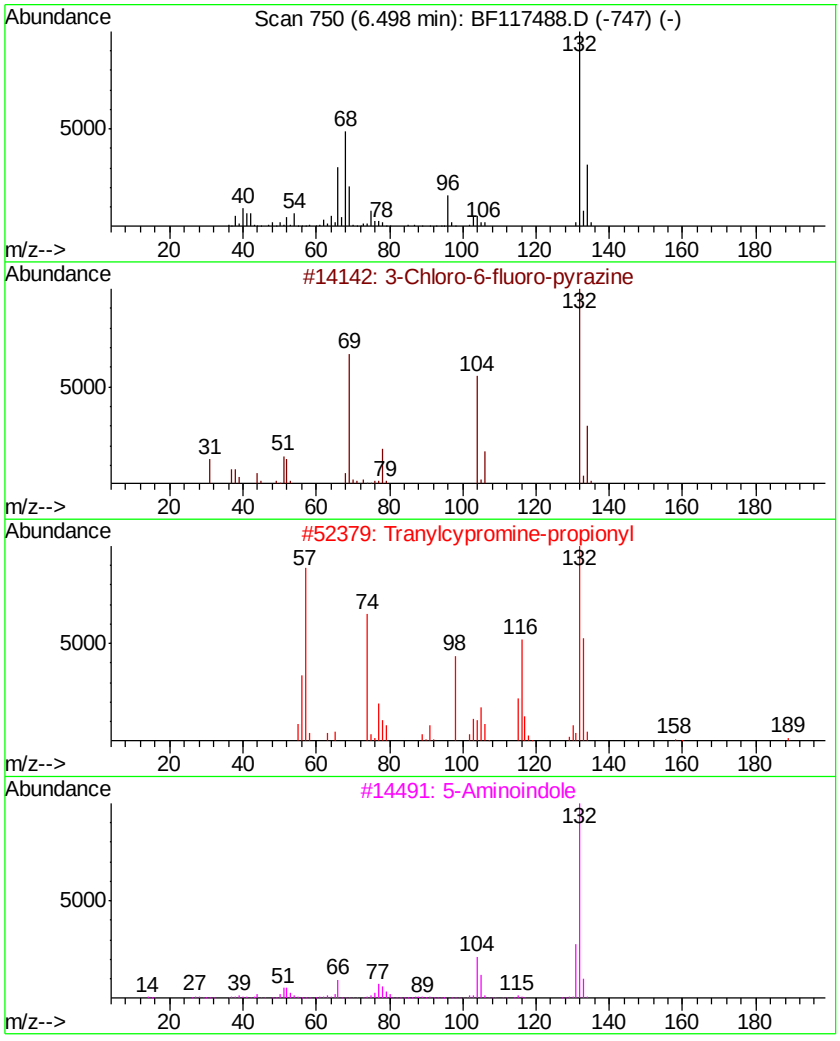
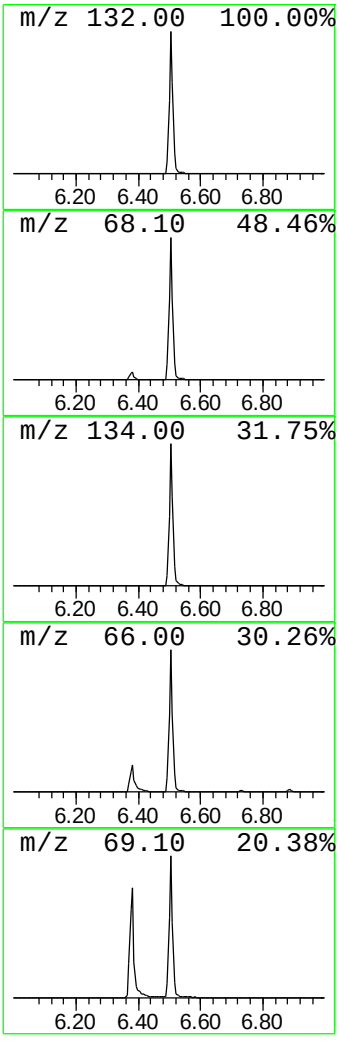
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	87.38 ng	1082480	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	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : B-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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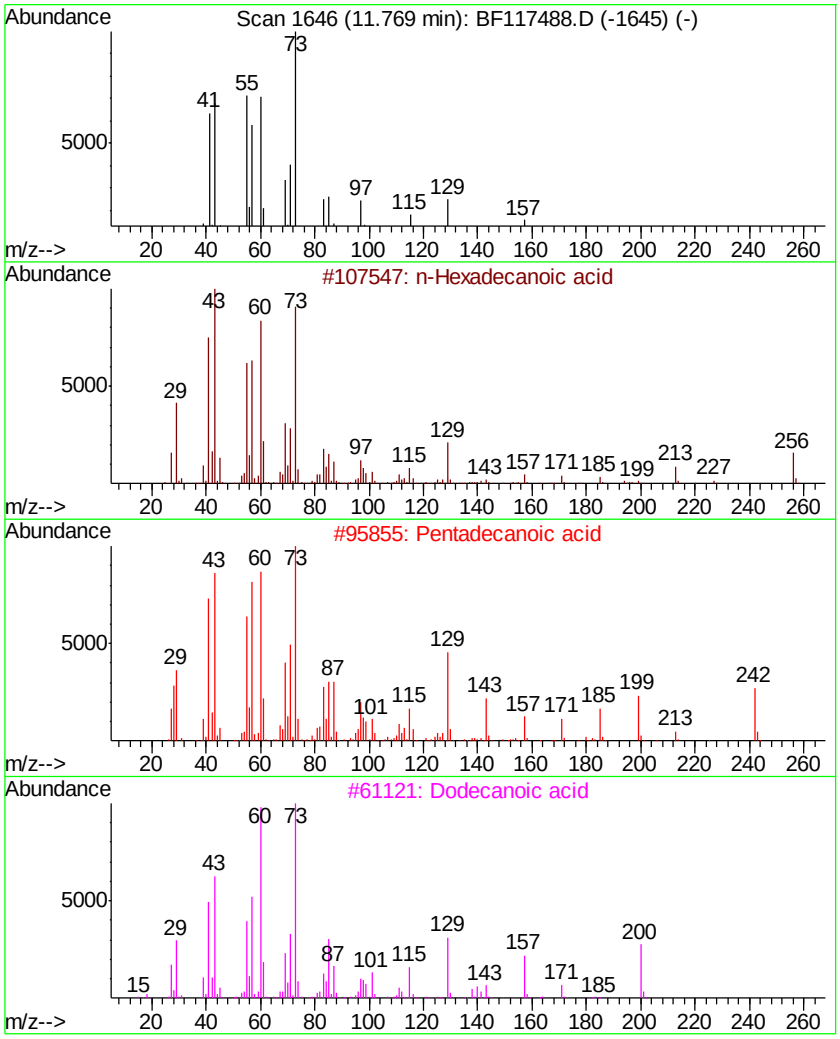
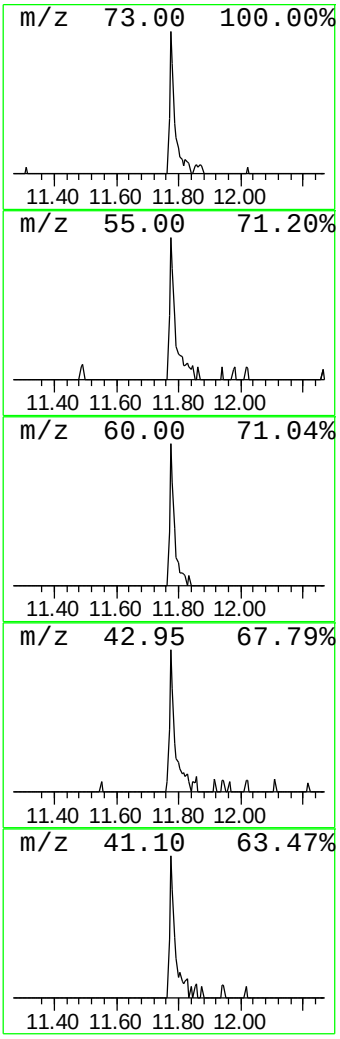
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.95 ng	58702	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





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ClientSampleId : B-1

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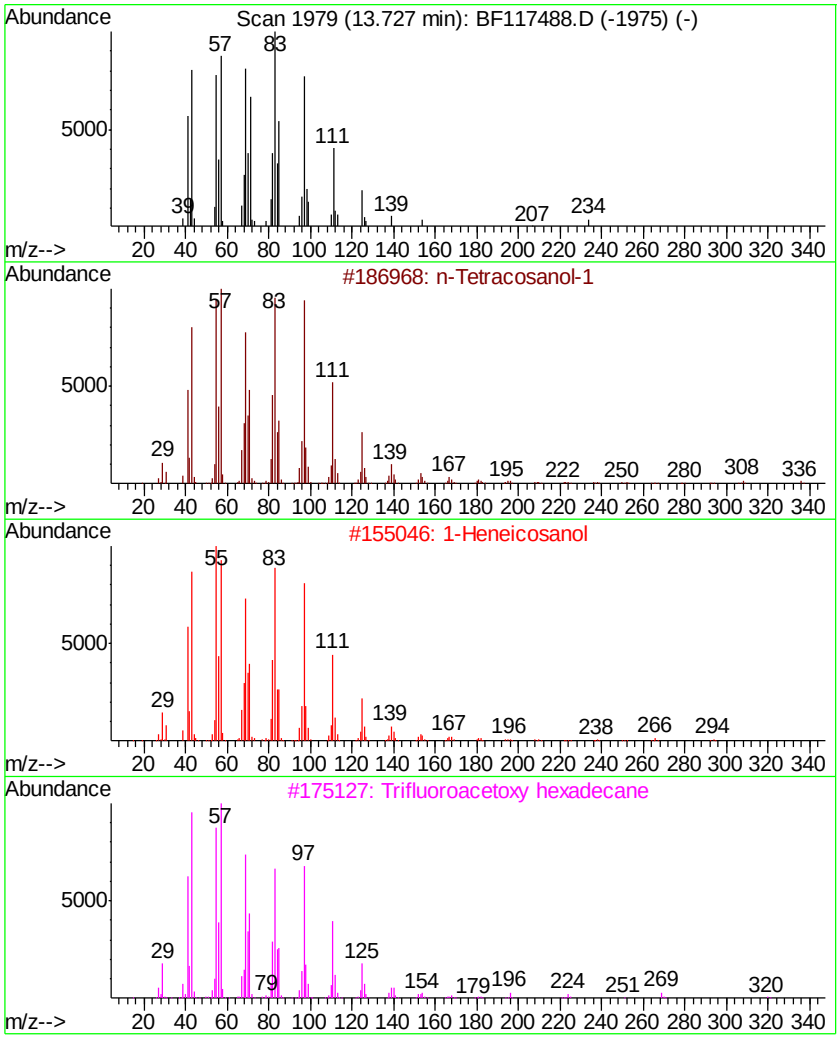
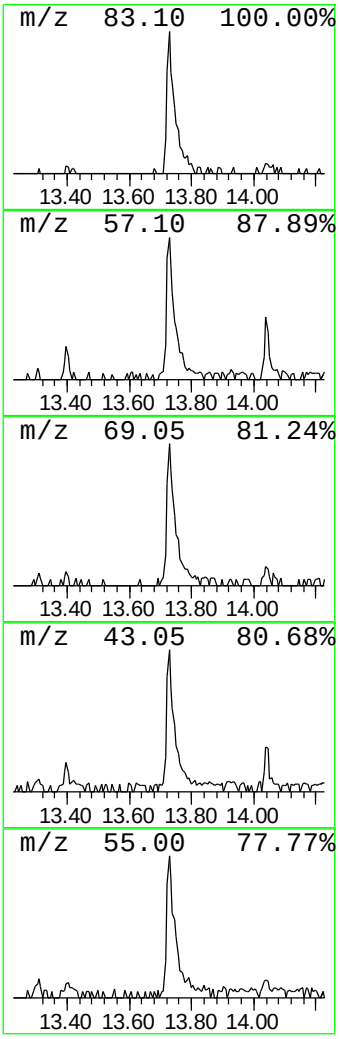
Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	8.87 ng	161073	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83





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Instrument : BNA_F
ClientSampleId : B-1

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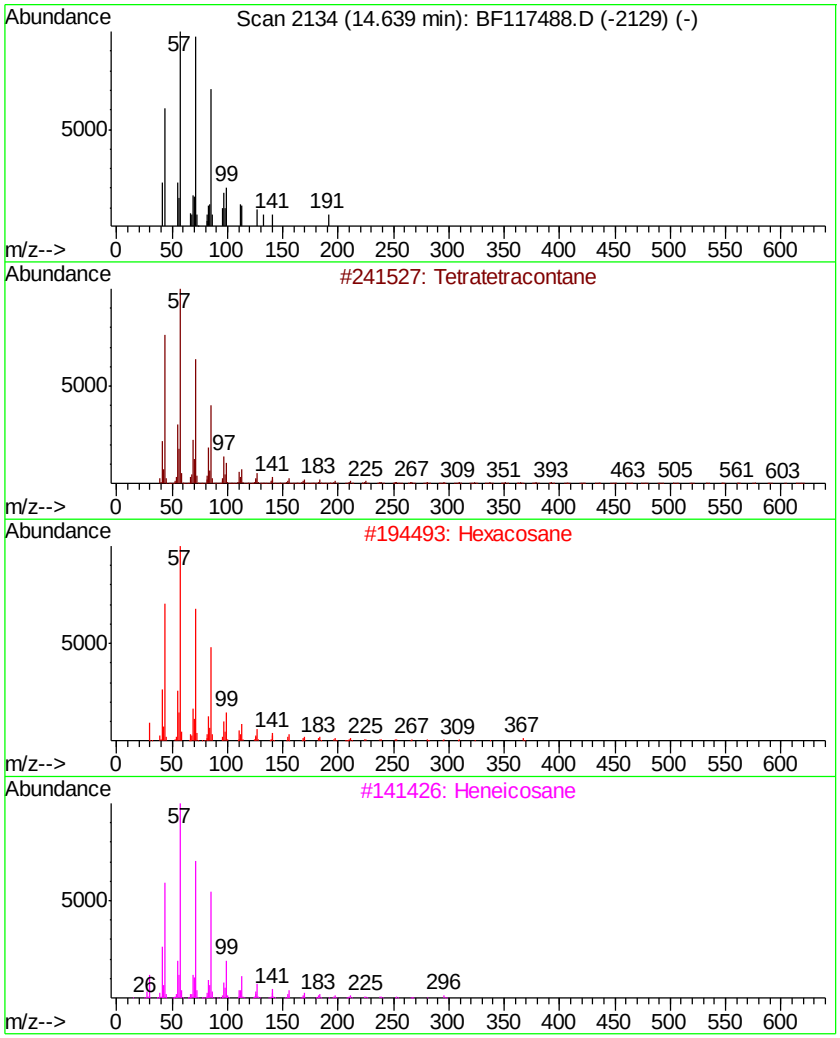
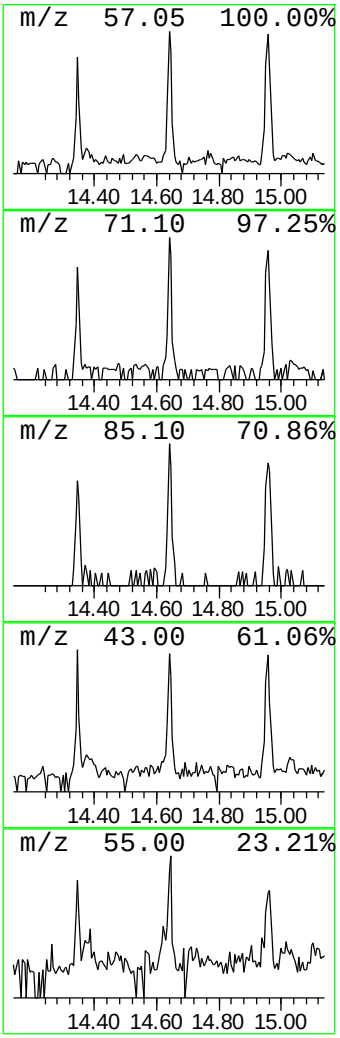
Peak Number 5 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.09 ng	30323	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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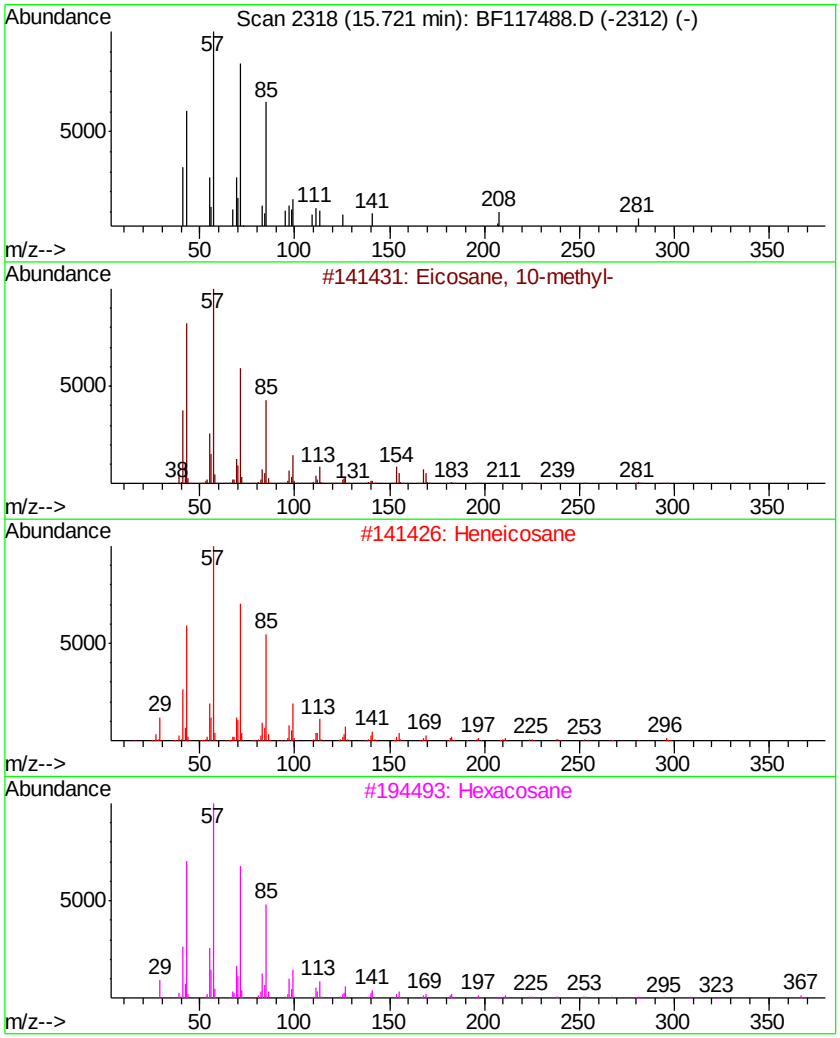
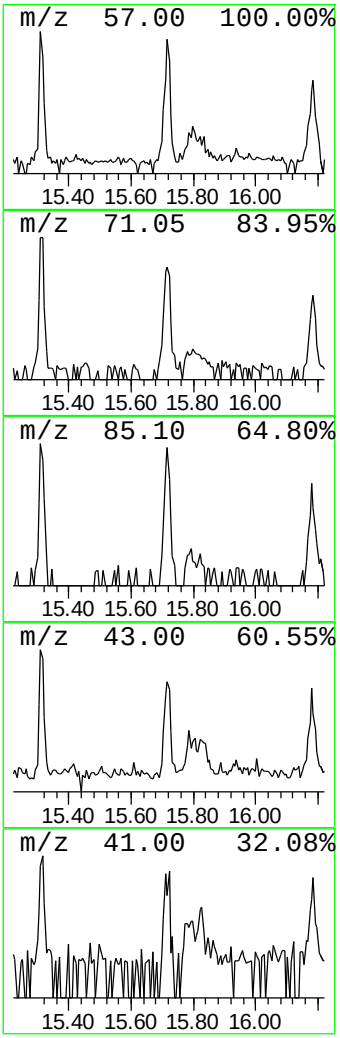
Peak Number 6 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.30 ng	33352	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Hexacosane	366	C26H54	000630-01-3	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hentriacontane	437	C31H64	000630-04-6	72





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	87.4	ng	1082480	1	6.73	247756	20.0
n-Hexadecanoic acid	11.77	3.0	ng	58702	4	11.25	397501	20.0
n-Tetracosanol-1	13.73	8.9	ng	161073	5	13.89	363026	20.0
Tetratetracontane	14.64	2.1	ng	30323	6	15.32	289573	20.0
Eicosane, 10-methyl-	15.72	2.3	ng	33352	6	15.32	289573	20.0