LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113839.D
Acq On : 19 Apr 2019 1:48
Operator : JU/SJ
Sample : K2197-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-D

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-BF041819.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	2.175	12	15	20	rVB	21309	26118	1.35%	0.130%
2	5.510	578	582	585	rBV	1599443	1343139	69.30%	6.682%
3	6.510	748	752	755	rBV	1646653	1306337	67.40%	6.499%
4	6.663	774	778	781	rBV	1666315	1389127	71.67%	6.911%
5	6.898	814	818	821	rVB	1060268	857681	44.25%	4.267%
6	7.051	841	844	848	rVB	1375289	1085945	56.03%	5.403%
7	7.445	907	911	915	rBV	887176	741780	38.27%	3.690%
8	8.175	1031	1035	1039	rBV	1213591	985333	50.84%	4.902%
9	9.251	1214	1218	1221	rBV	1701956	1426523	73.60%	7.097%
10	9.639	1281	1284	1287	rBV	165114	119976	6.19%	0.597%
11	9.928	1330	1333	1337	rVB	1231113	1078402	55.64%	5.365%
12	10.710	1462	1466	1470	rBV	1171320	988437	51.00%	4.918%
13	11.410	1582	1585	1588	rBV	1485046	1307223	67.44%	6.504%
14	11.433	1588	1589	1593	rVV	256294	156100	8.05%	0.777%
15	11.486	1593	1598	1601	rVB	66424	60753	3.13%	0.302%
16	11.916	1667	1671	1672	rBV	40116	41132	2.12%	0.205%
17	11.939	1672	1675	1680	rVV2	217198	232213	11.98%	1.155%
18	11.986	1680	1683	1686	rVV2	32185	36178	1.87%	0.180%
19	12.022	1686	1689	1692	rVV	69373	84533	4.36%	0.421%
20	12.045	1692	1693	1696	rVB	38028	24305	1.25%	0.121%
21	12.204	1718	1720	1722	rBV	30012	28574	1.47%	0.142%
22	12.463	1760	1764	1767	rBV	38833	44185	2.28%	0.220%
23	12.498	1767	1770	1772	rVV3	27900	36464	1.88%	0.181%
24	12.545	1775	1778	1782	rVB2	24682	28662	1.48%	0.143%
25	12.622	1788	1791	1794	rBV	505744	412890	21.30%	2.054%
26	12.722	1804	1808	1810	rBV2	85196	86972	4.49%	0.433%
27	12.851	1824	1830	1833	rBV	405562	433820	22.38%	2.158%
28	12.992	1850	1854	1858	rVB	2365074	1938214	100.00%	9.643%
29	13.180	1879	1886	1888	rBV2	61739	106011	5.47%	0.527%
30	13.239	1894	1896	1900	rVB2	34306	31910	1.65%	0.159%
31	13.280	1900	1903	1906	rBV2	47712	53579	2.76%	0.267%
32	13.886	2003	2006	2011	rBV2	287429	285517	14.73%	1.421%
33	14.045	2028	2033	2036	rBV	1692521	1707102	88.08%	8.493%
34	14.068	2036	2037	2043	rVB	214101	150750	7.78%	0.750%

LSC Area Percent Report

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Acq On : 19 Apr 2019 1:48
Operator : JU/SJ
Sample : K2197-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.521	2112	2114	2118	rVB3	140803	118390	6.11%	0.589%
36	15.174	2223	2225	2232	rVB2	177048	229980	11.87%	1.144%
37	15.515	2279	2283	2287	rBV	804520	951743	49.10%	4.735%
38	16.010	2364	2367	2371	rVB	131104	163719	8.45%	0.815%

Sum of corrected areas: 20099717

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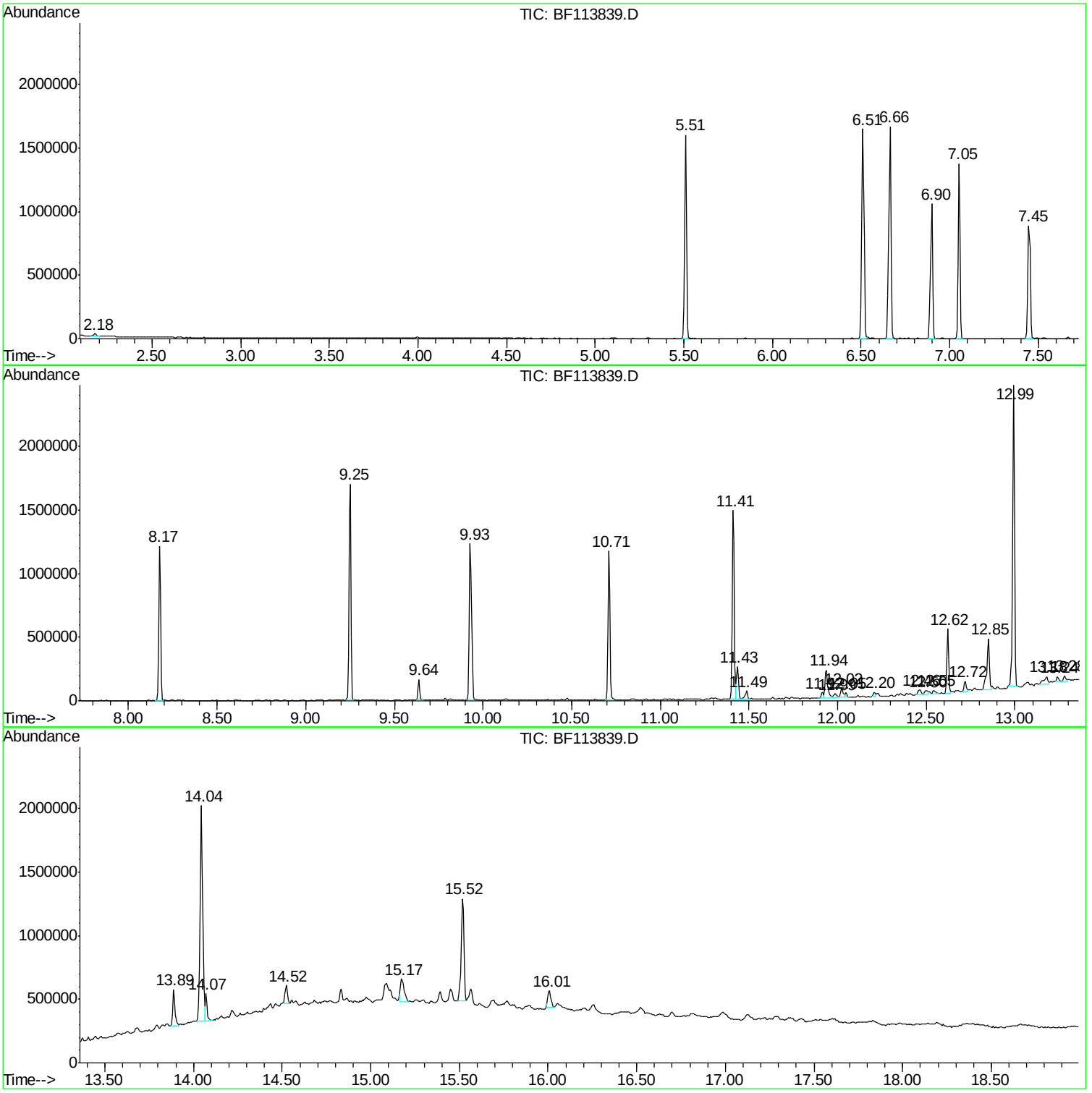
Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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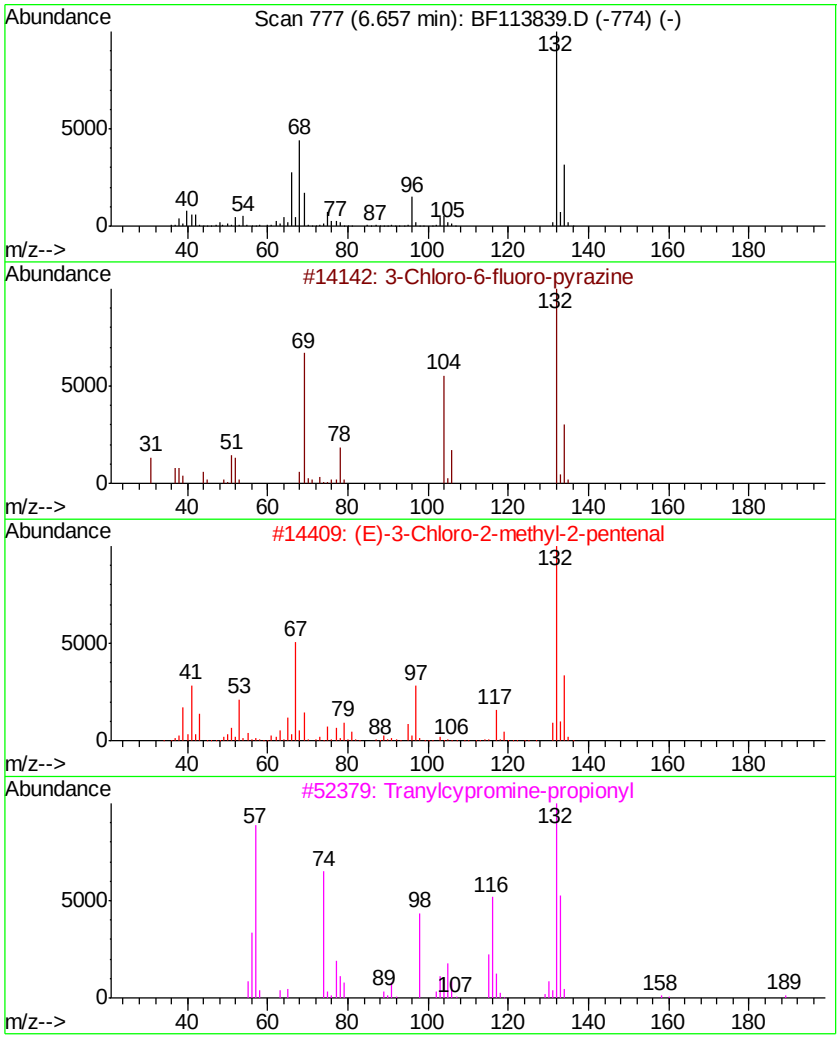
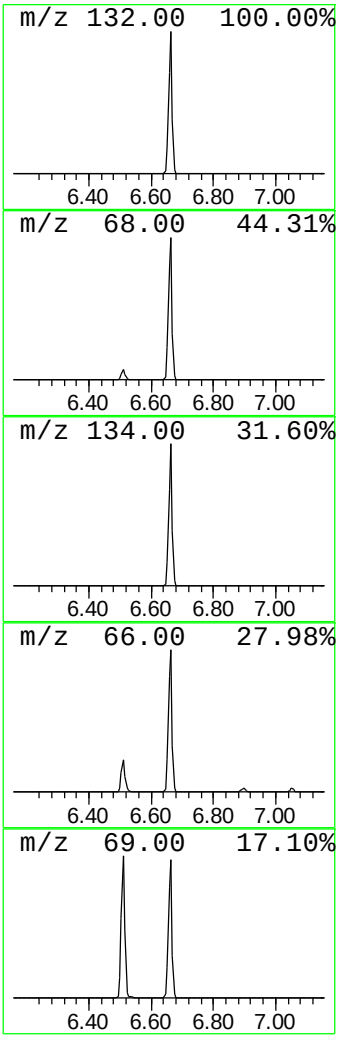
Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	32.39 ng	1389130	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BF113839.D
Acq On : 19 Apr 2019 1:48
Operator : JU/SJ
Sample : K2197-11 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-041619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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TIC Library : C:\DATABASE\NIST11.L
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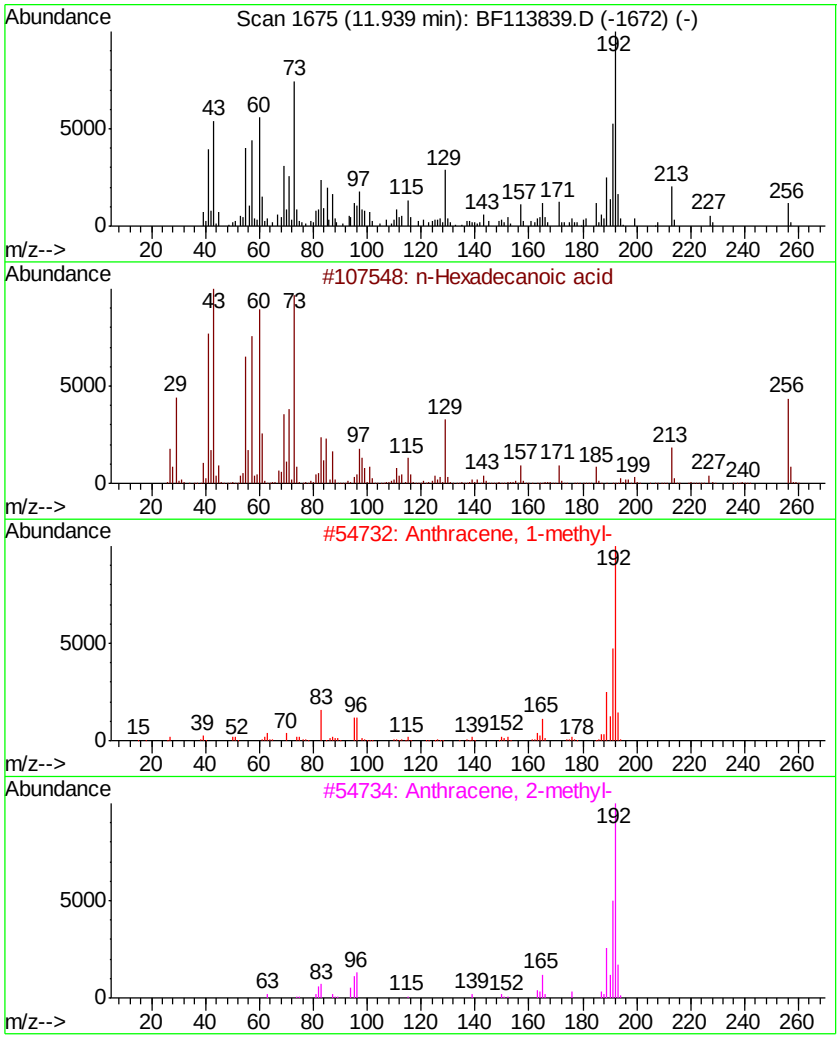
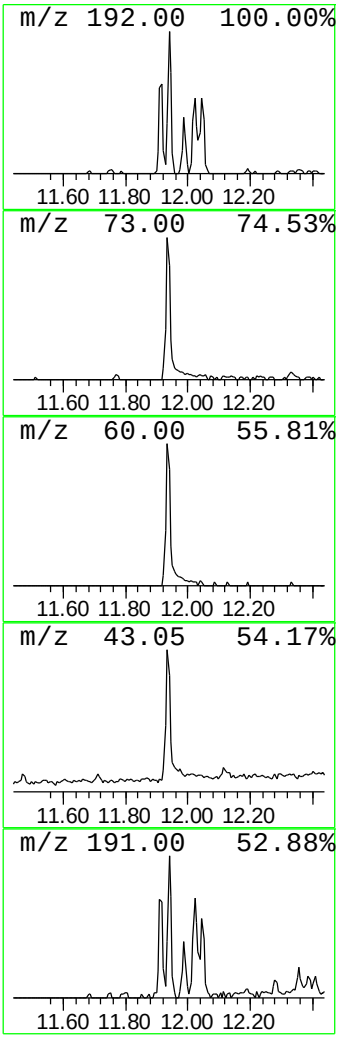
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.55 ng	232213	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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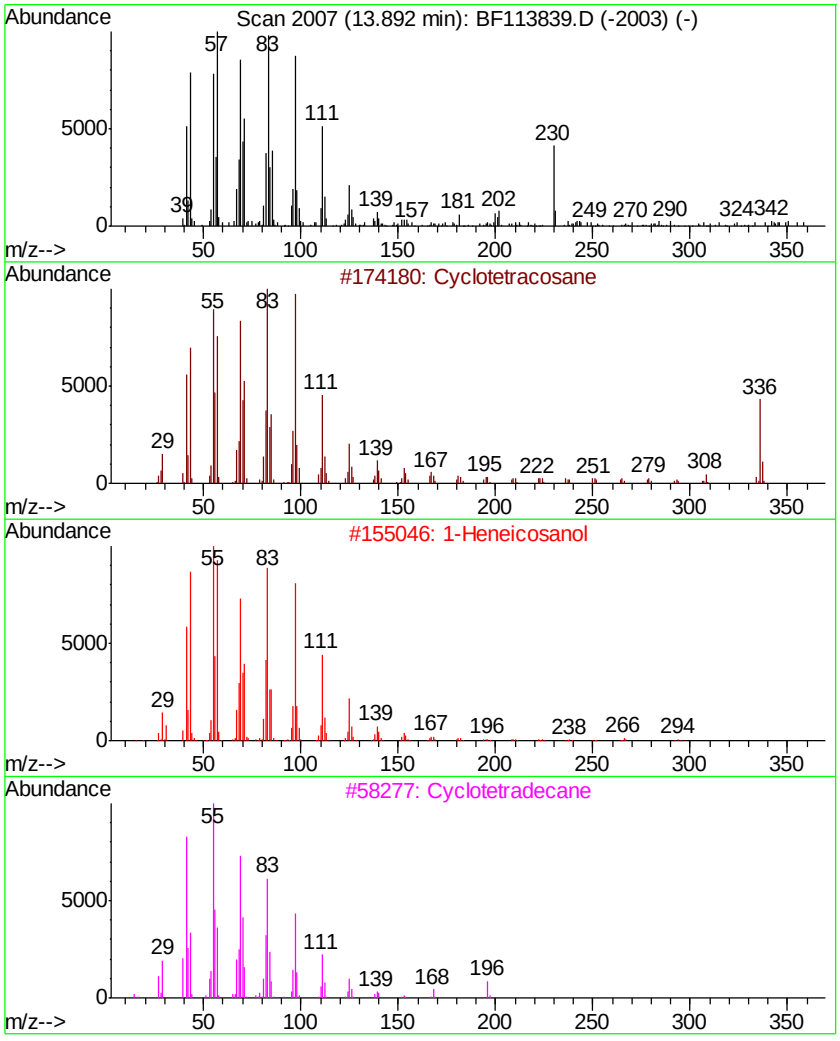
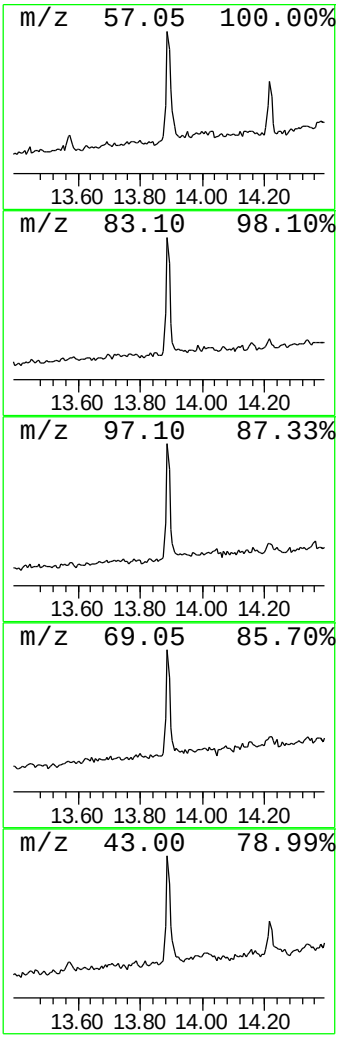
Peak Number 4 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.35 ng	285517	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113839.D
Acq On : 19 Apr 2019 1:48
Operator : JU/SJ
Sample : K2197-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-041619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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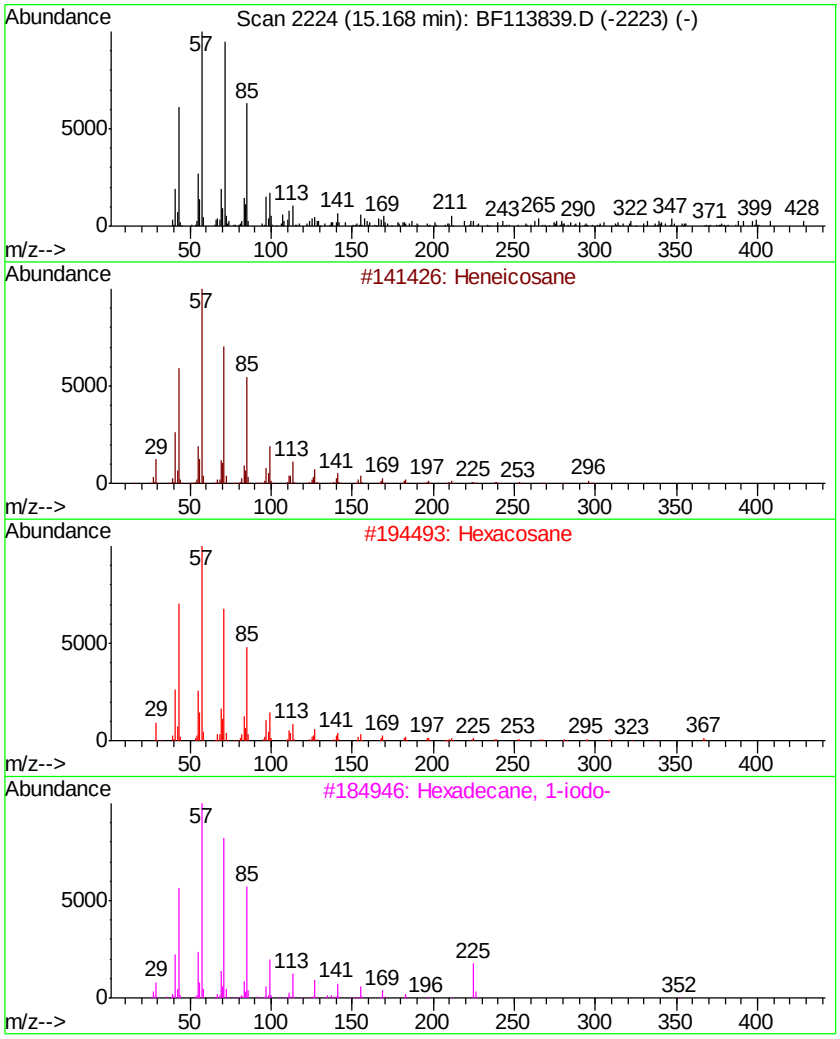
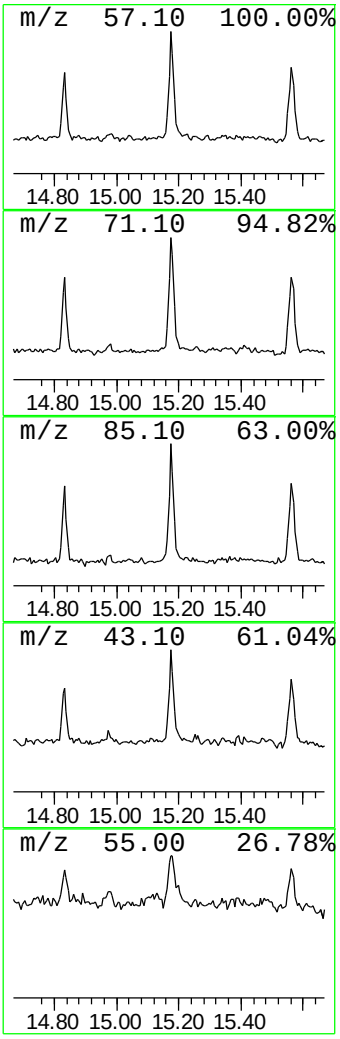
Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.83 ng	229980	Perylene-d12	15.52

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	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Sample : K2197-11 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-041619-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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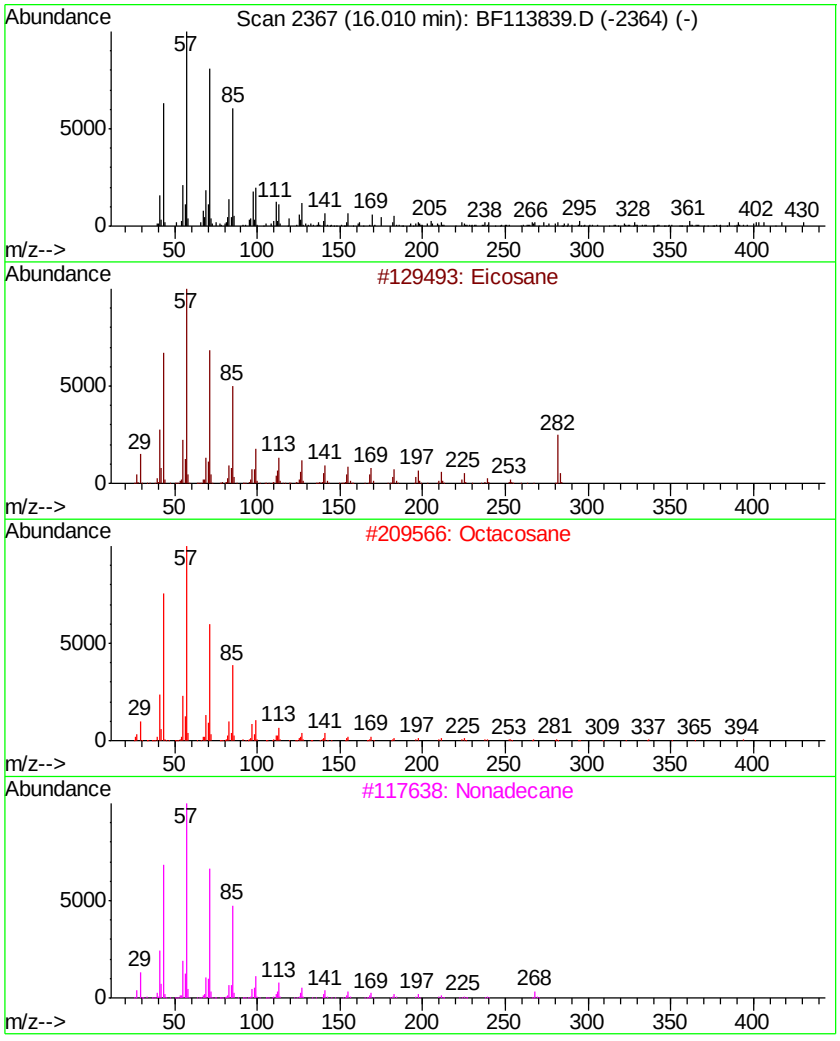
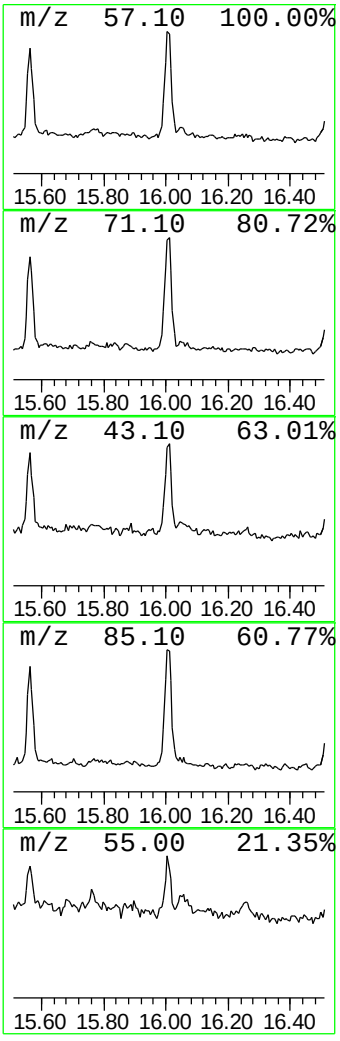
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	3.44 ng	163719	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tetracosane	338	C24H50	000646-31-1	87





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
unknown6.66	6.66	32.4	ng	1389130	1	6.90	857681	20.0
n-Hexadecanoic acid	11.94	3.5	ng	232213	4	11.41	1307220	20.0
Cyclotetracosane	13.89	3.4	ng	285517	5	14.05	1707100	20.0
Heneicosane	15.17	4.8	ng	229980	6	15.52	951743	20.0
Eicosane	16.01	3.4	ng	163719	6	15.52	951743	20.0