LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113899.D
Acq On : 23 Apr 2019 00:55
Operator : JU/SJ
Sample : K2201-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-C

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-BF042219.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	13	15	23	rVB	25418	35114	1.50%	0.134%
2	5.516	579	583	593	rBV	1552500	1381673	58.95%	5.276%
3	6.516	749	753	756	rBV	1581025	1339237	57.14%	5.114%
4	6.663	774	778	782	rBV	1596424	1464928	62.50%	5.594%
5	6.898	814	818	821	rBV	1196557	935801	39.93%	3.573%
6	7.057	841	845	848	rBV	1281657	1170898	49.96%	4.471%
7	7.451	908	912	915	rBV	997758	788186	33.63%	3.010%
8	8.181	1032	1036	1039	rBV	1296452	1108793	47.31%	4.234%
9	9.251	1214	1218	1221	rBV	2159057	1661713	70.90%	6.345%
10	9.639	1282	1284	1289	rVB	131625	119150	5.08%	0.455%
11	9.792	1307	1310	1315	rBV	129558	109488	4.67%	0.418%
12	9.933	1330	1334	1338	rBV2	1526081	1271721	54.26%	4.856%
13	10.480	1424	1427	1433	rVB	42409	47814	2.04%	0.183%
14	10.716	1463	1467	1481	rBV	1335664	1159292	49.46%	4.427%
15	10.839	1485	1488	1494	rVB2	44015	55846	2.38%	0.213%
16	11.286	1558	1564	1567	rBV3	41388	58317	2.49%	0.223%
17	11.316	1567	1569	1575	rVB	40363	41387	1.77%	0.158%
18	11.416	1582	1586	1589	rBV	1688535	1528339	65.21%	5.836%
19	11.439	1589	1590	1594	rVV	366795	236302	10.08%	0.902%
20	11.492	1594	1599	1602	rVB	144606	127236	5.43%	0.486%
21	11.716	1634	1637	1639	rVB	41248	32577	1.39%	0.124%
22	11.922	1668	1672	1673	rBV	64134	65311	2.79%	0.249%
23	11.939	1673	1675	1680	rVB2	179584	192384	8.21%	0.735%
24	11.992	1682	1684	1687	rBV	40279	29866	1.27%	0.114%
25	12.033	1687	1691	1693	rBV2	119834	133578	5.70%	0.510%
26	12.122	1704	1706	1708	rVB	41294	30451	1.30%	0.116%
27	12.210	1719	1721	1723	rBV	53990	43866	1.87%	0.168%
28	12.233	1723	1725	1729	rVB2	30378	31780	1.36%	0.121%
29	12.398	1750	1753	1754	rBV	31283	31356	1.34%	0.120%
30	12.469	1761	1765	1767	rBV	86900	85967	3.67%	0.328%
31	12.498	1767	1770	1771	rVV	120456	128693	5.49%	0.491%
32	12.516	1771	1773	1776	rVV3	188766	184229	7.86%	0.703%
33	12.551	1776	1779	1783	rVB2	59734	66047	2.82%	0.252%
34	12.627	1789	1792	1798	rBV	827844	757674	32.33%	2.893%

LSC Area Percent Report

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Acq On : 23 Apr 2019 00:55
Operator : JU/SJ
Sample : K2201-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-C

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.722	1805	1808	1811	rBV	105789	103225	4.40%	0.394%
36	12.786	1816	1819	1825	rVV4	38965	75439	3.22%	0.288%
37	12.857	1825	1831	1834	rVV	815271	823591	35.14%	3.145%
38	12.916	1837	1841	1844	rVB2	38981	63974	2.73%	0.244%
39	12.998	1849	1855	1859	rBV	2652668	2343791	100.00%	8.950%
40	13.074	1864	1868	1872	rBV2	88484	144418	6.16%	0.551%
41	13.163	1880	1883	1884	rBV2	61816	57295	2.44%	0.219%
42	13.186	1884	1887	1890	rVB	168632	153391	6.54%	0.586%
43	13.239	1893	1896	1897	rBV	99725	111353	4.75%	0.425%
44	13.292	1901	1905	1908	rBV2	114577	138405	5.91%	0.529%
45	13.380	1918	1920	1923	rVB	73177	61367	2.62%	0.234%
46	13.416	1923	1926	1929	rBV	69620	75736	3.23%	0.289%
47	13.580	1951	1954	1957	rBV	148048	143022	6.10%	0.546%
48	13.857	1999	2001	2005	rBV2	61564	63662	2.72%	0.243%
49	13.904	2007	2009	2013	rVB2	189922	181296	7.74%	0.692%
50	14.057	2030	2035	2038	rBV2	1925974	2204623	94.06%	8.418%
51	14.080	2038	2039	2042	rVB	416908	239081	10.20%	0.913%
52	14.221	2061	2063	2069	rVB2	207649	214212	9.14%	0.818%
53	14.533	2113	2116	2120	rVB2	205029	210365	8.98%	0.803%
54	14.845	2166	2169	2172	rBV	163197	172725	7.37%	0.660%
55	15.104	2210	2213	2216	rBV	349807	481520	20.54%	1.839%
56	15.410	2263	2265	2272	rVB	183416	222689	9.50%	0.850%
57	15.474	2273	2276	2280	rVB	302494	345748	14.75%	1.320%
58	15.539	2283	2287	2291	rBV	872113	1102086	47.02%	4.208%

Sum of corrected areas: 26188028

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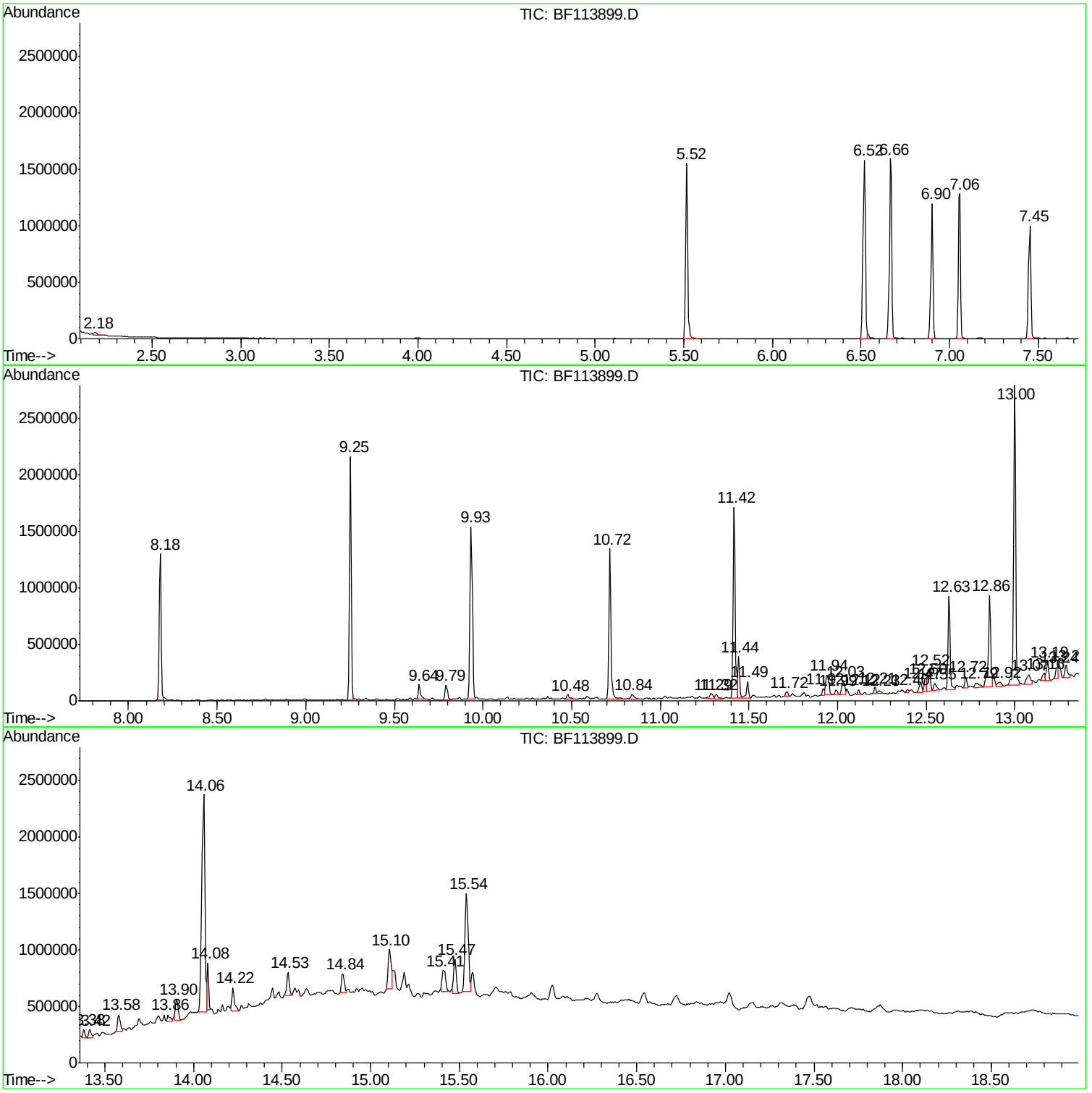
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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Acq On : 23 Apr 2019 00:55
Operator : JU/SJ
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

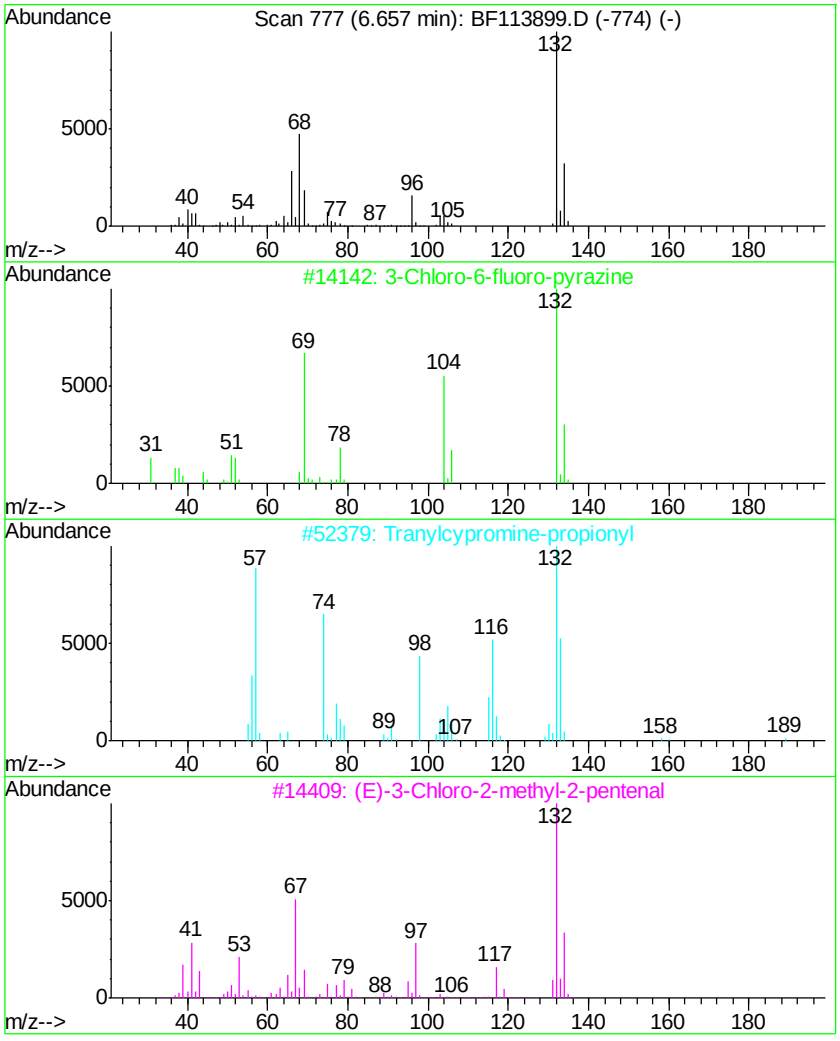
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

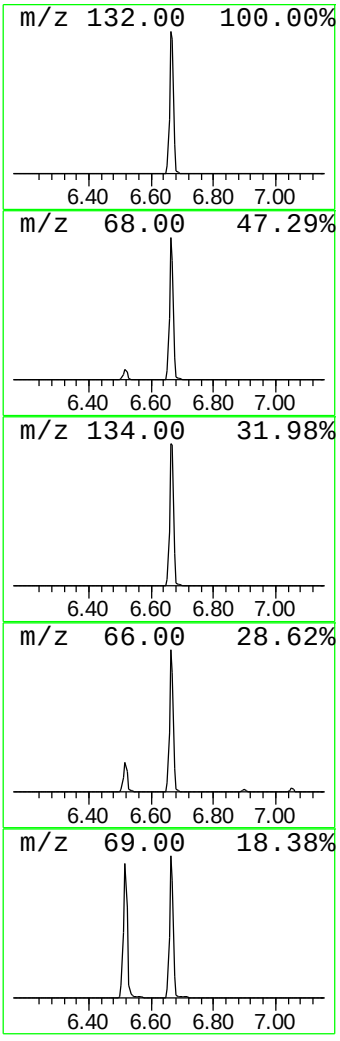
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	31.31 ng	1464930	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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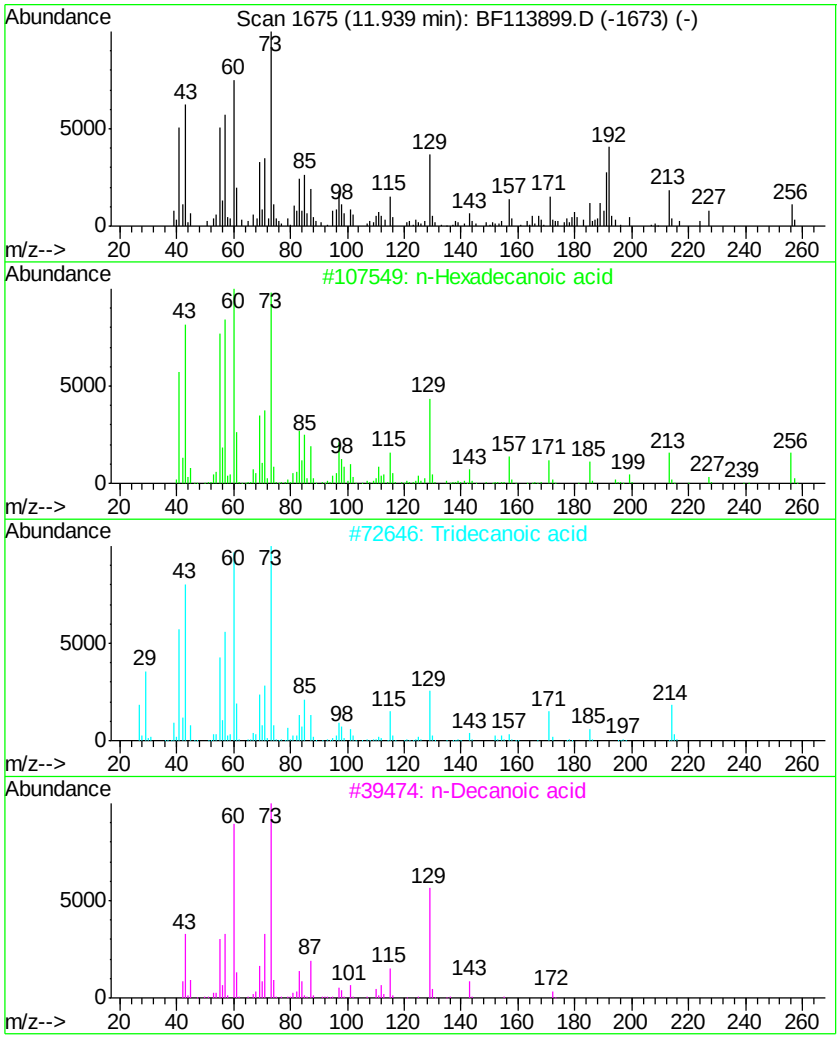
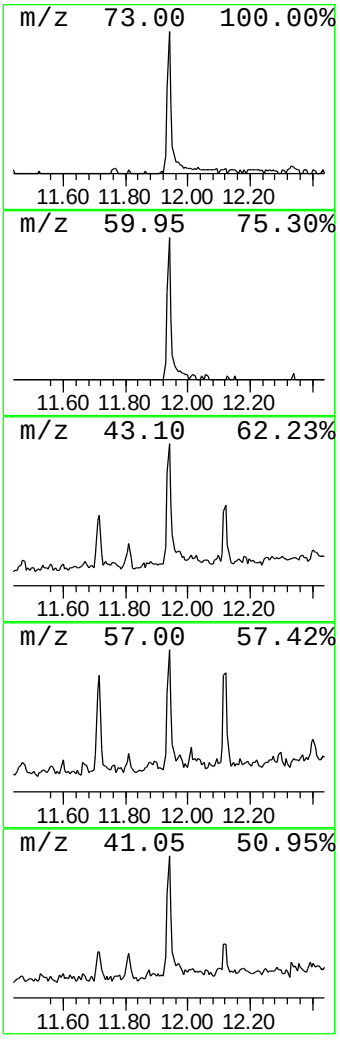
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.52 ng	192384	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Instrument : BNA_F
ClientSampleId : PL-01-041819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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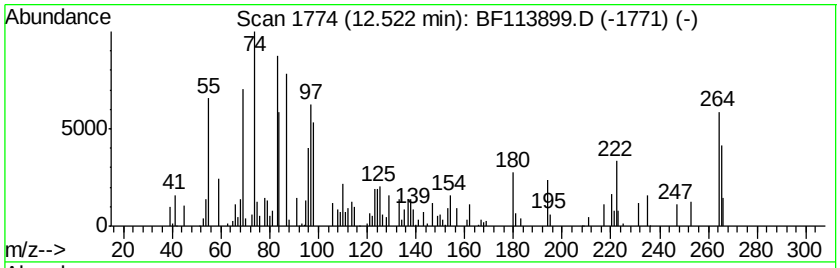
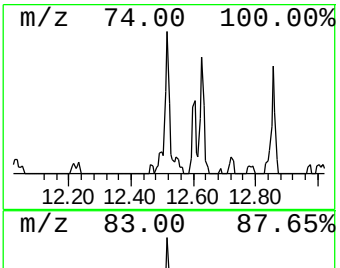
Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.41 ng	184229	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	70
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	64
5	Oleic Acid	282	C18H34O2	000112-80-1	64





Library Search Compound Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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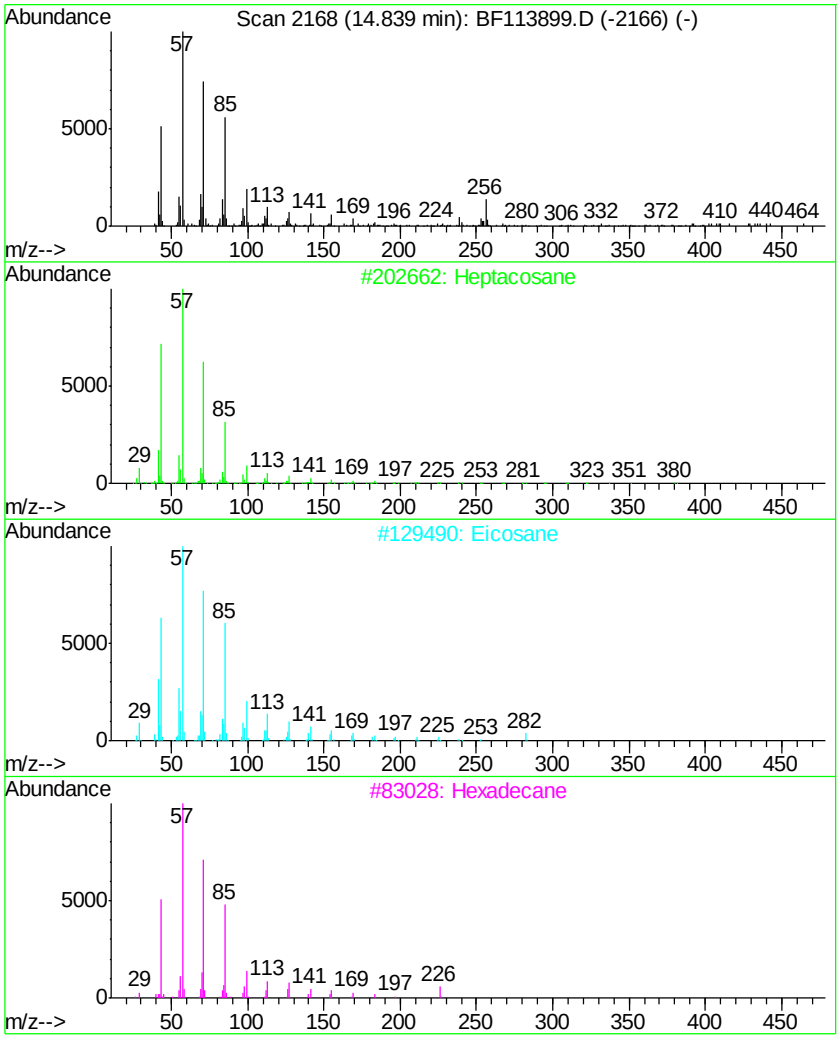
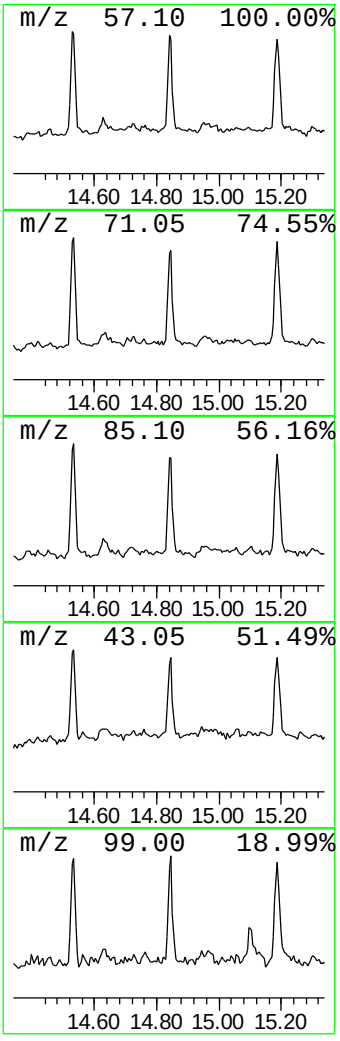
Peak Number 5 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.13 ng	172725	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octacosane	394	C28H58	000630-02-4	84
5	Heneicosane	296	C21H44	000629-94-7	83





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ClientSampleId : PL-01-041819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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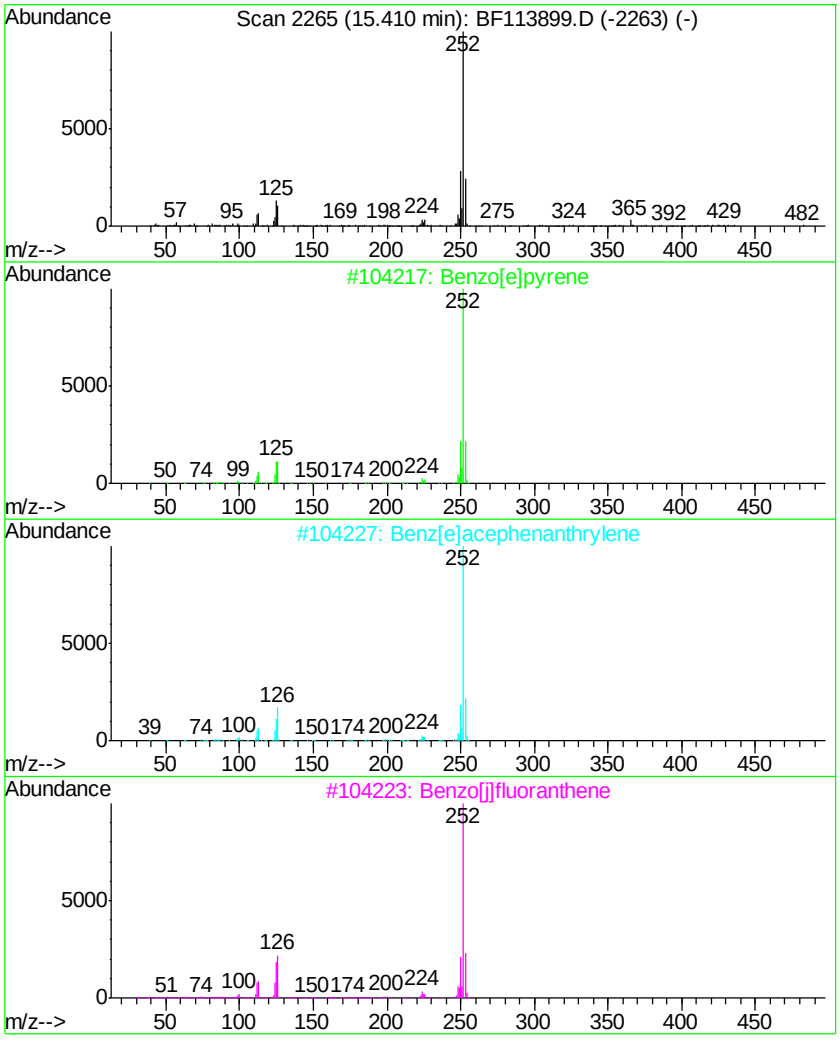
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

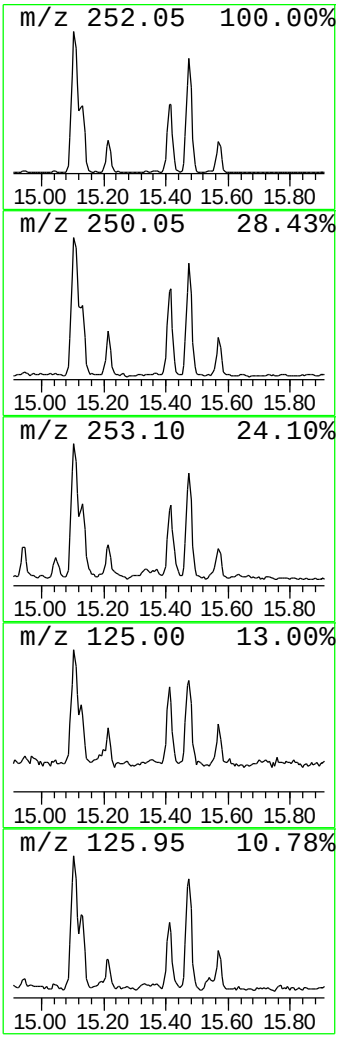
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	4.04 ng	222689	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	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
unknown6.66	6.66	31.3	ng	1464930	1	6.90	935801	20.0
n-Hexadecanoic acid	11.94	2.5	ng	192384	4	11.42	1528340	20.0
9-Octadecenoic ac...	12.52	2.4	ng	184229	4	11.42	1528340	20.0
Heptacosane	14.84	3.1	ng	172725	6	15.54	1102090	20.0
Benzo[e]pyrene	15.41	4.0	ng	222689	6	15.54	1102090	20.0