LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130348.D
Acq On : 20 Sep 2022 17:16
Operator : CG\JU
Sample : N4703-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-363

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: BF130348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.569	76	82	90	rBV	19835	32481	2.33%	0.249%
2	4.840	465	468	476	rVB	23514	29379	2.10%	0.225%
3	5.263	536	540	553	rVB	1438841	1347701	96.54%	10.337%
4	6.298	712	716	730	rBV	1380450	1246454	89.29%	9.561%
5	6.657	774	777	781	rVB	565274	424775	30.43%	3.258%
6	7.222	869	873	876	rBV	1040331	819984	58.74%	6.289%
7	7.939	991	995	998	rBV	649593	486848	34.88%	3.734%
8	9.016	1174	1178	1181	rBV	1899483	1395959	100.00%	10.707%
9	9.686	1289	1292	1296	rBV	558474	450970	32.31%	3.459%
10	10.474	1422	1426	1429	rBV	954217	748376	53.61%	5.740%
11	11.169	1540	1544	1546	rBV	473490	398648	28.56%	3.058%
12	11.192	1546	1548	1552	rVV	86433	69668	4.99%	0.534%
13	11.239	1553	1556	1560	rVB	26309	23289	1.67%	0.179%
14	11.404	1580	1584	1592	rBV	17125	21986	1.57%	0.169%
15	11.710	1631	1636	1638	rBV2	29877	52297	3.75%	0.401%
16	11.739	1638	1641	1644	rVV2	29358	35990	2.58%	0.276%
17	11.780	1644	1648	1650	rVV2	21649	21844	1.56%	0.168%
18	12.374	1745	1749	1753	rVB	255195	213101	15.27%	1.635%
19	12.604	1781	1788	1792	rBV	200418	225561	16.16%	1.730%
20	12.751	1810	1813	1817	rVV	1404335	1215984	87.11%	9.327%
21	12.821	1821	1825	1829	rBV2	14186	21918	1.57%	0.168%
22	12.933	1841	1844	1847	rVB	26722	25932	1.86%	0.199%
23	12.998	1852	1855	1857	rVB2	25552	24067	1.72%	0.185%
24	13.033	1857	1861	1864	rBV2	32141	35387	2.53%	0.271%
25	13.233	1891	1895	1900	rVB	33094	39126	2.80%	0.300%
26	13.298	1903	1906	1909	rBV	17135	22614	1.62%	0.173%
27	13.333	1909	1912	1918	rVB3	24720	33752	2.42%	0.259%
28	13.433	1926	1929	1934	rBV	25322	28400	2.03%	0.218%
29	13.545	1943	1948	1951	rBV2	31128	37416	2.68%	0.287%
30	13.639	1962	1964	1966	rBV	22795	21106	1.51%	0.162%
31	13.662	1966	1968	1971	rVB	37550	27175	1.95%	0.208%
32	13.798	1984	1991	1993	rBV3	780383	875323	62.70%	6.714%
33	13.821	1993	1995	1998	rVB	168523	136141	9.75%	1.044%
34	13.898	2004	2008	2011	rBV	74376	86209	6.18%	0.661%
35	13.980	2019	2022	2025	rBV2	46297	42142	3.02%	0.323%
36	14.180	2052	2056	2060	rBV2	37608	55688	3.99%	0.427%

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ClientSampleId :
ETGI-363

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

37	14.221	2060	2063	2065	rBV3	23595	29316	2.10%	0.225%
38	14.280	2070	2073	2076	rBV2	69808	81450	5.83%	0.625%
39	14.386	2085	2091	2092	rBV3	41014	64651	4.63%	0.496%
40	14.404	2092	2094	2096	rVB	56626	44862	3.21%	0.344%
41	14.451	2097	2102	2104	rBV4	39315	71568	5.13%	0.549%
42	14.480	2105	2107	2110	rVV	64205	78895	5.65%	0.605%
43	14.527	2113	2115	2117	rVV2	33176	36285	2.60%	0.278%
44	14.574	2118	2123	2127	rVB2	95109	158867	11.38%	1.219%
45	14.798	2157	2161	2164	rBV	226743	303533	21.74%	2.328%
46	14.821	2164	2165	2170	rVB	146480	111539	7.99%	0.856%
47	14.886	2173	2176	2180	rVB2	84259	111555	7.99%	0.856%
48	15.074	2204	2208	2213	rBV	95332	117577	8.42%	0.902%
49	15.127	2214	2217	2223	rVB	161146	189536	13.58%	1.454%
50	15.192	2223	2228	2231	rBV	481754	552634	39.59%	4.239%
51	15.627	2297	2302	2307	rBV2	54895	80121	5.74%	0.615%
52	16.503	2447	2451	2458	rVB2	66125	116216	8.33%	0.891%
53	16.662	2475	2478	2483	rBV	14395	24049	1.72%	0.184%
54	16.898	2514	2518	2525	rVB2	52477	91109	6.53%	0.699%

Sum of corrected areas: 13037454

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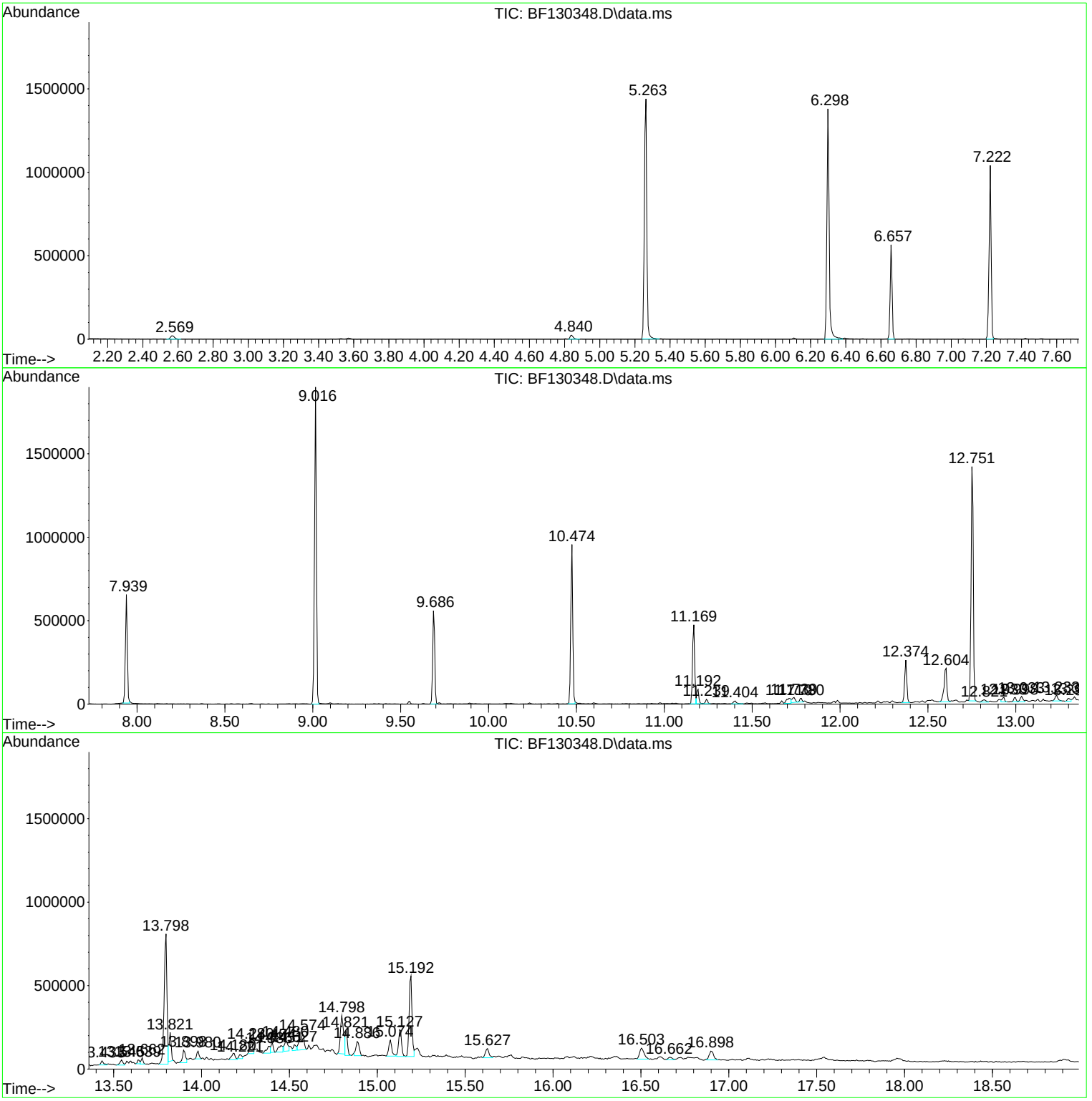
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF130348.D
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Sample : N4703-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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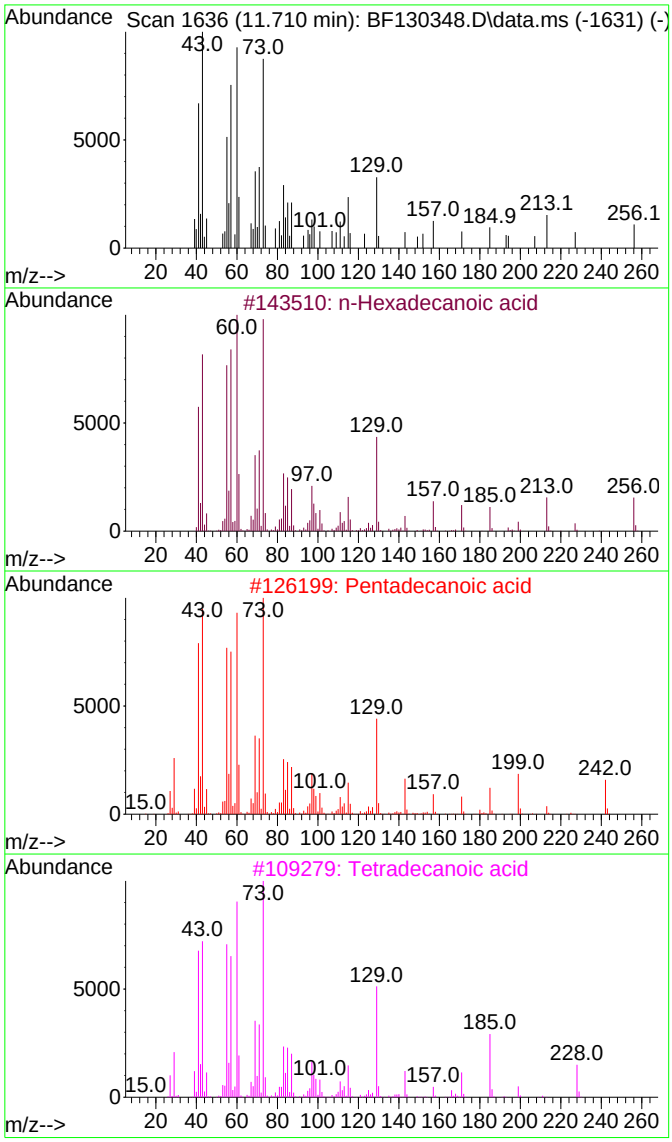
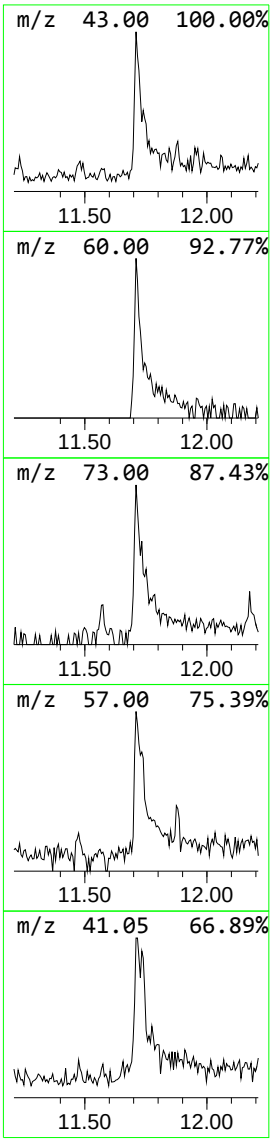
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	2.62 ng	52297	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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ClientSampleId :
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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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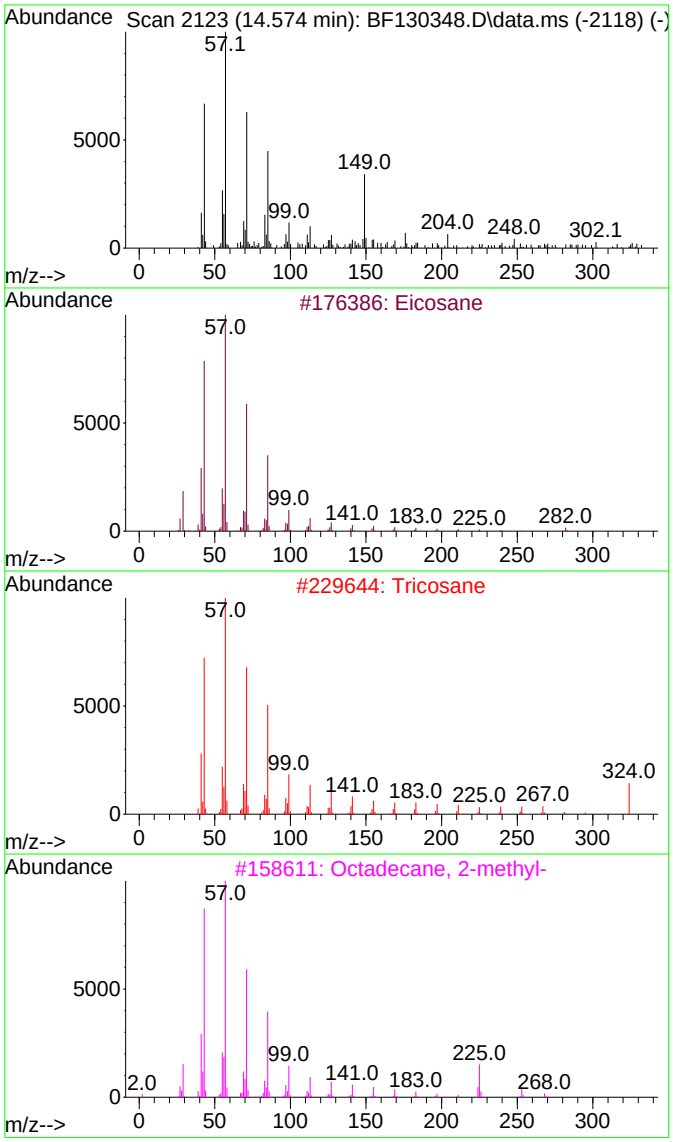
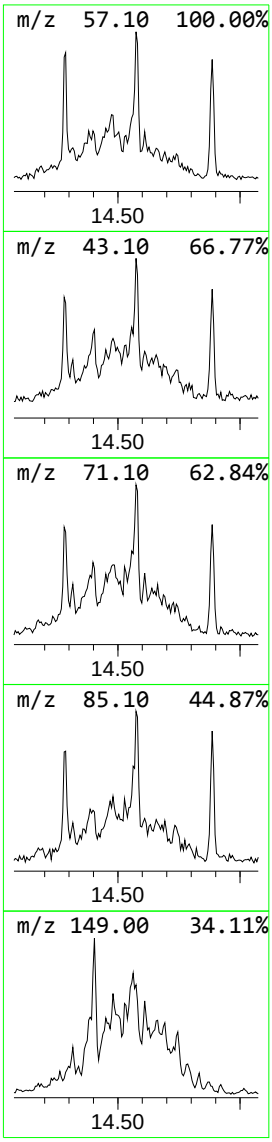
Peak Number 2 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	5.75 ng	158867	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tricosane	324	C23H48	000638-67-5	89
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetracosane	338	C24H50	000646-31-1	76





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TIC Library : C:\Database\NIST20.L
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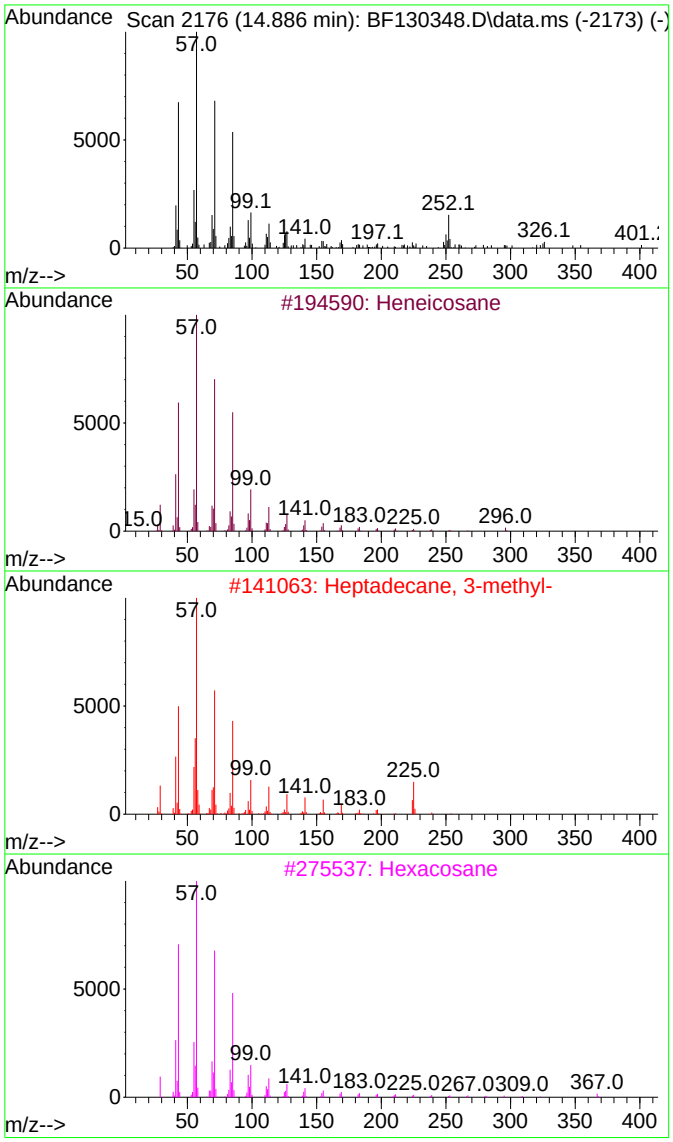
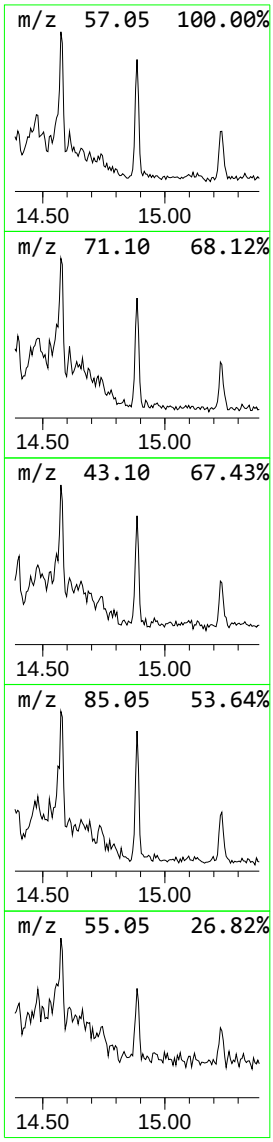
Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	4.04 ng	111555	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





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Instrument :
BNA_F
ClientSampleId :
ETGI-363

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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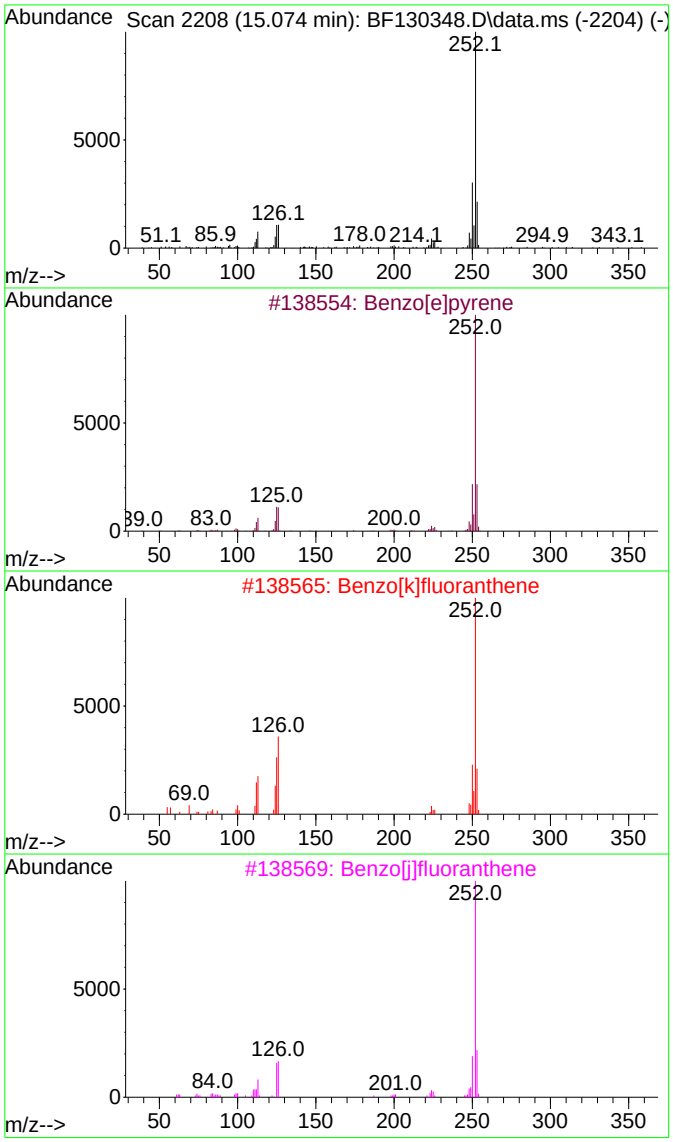
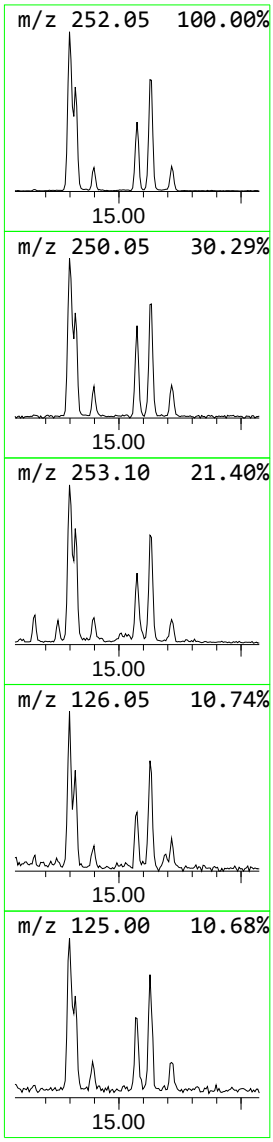
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	4.26 ng	117577	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





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

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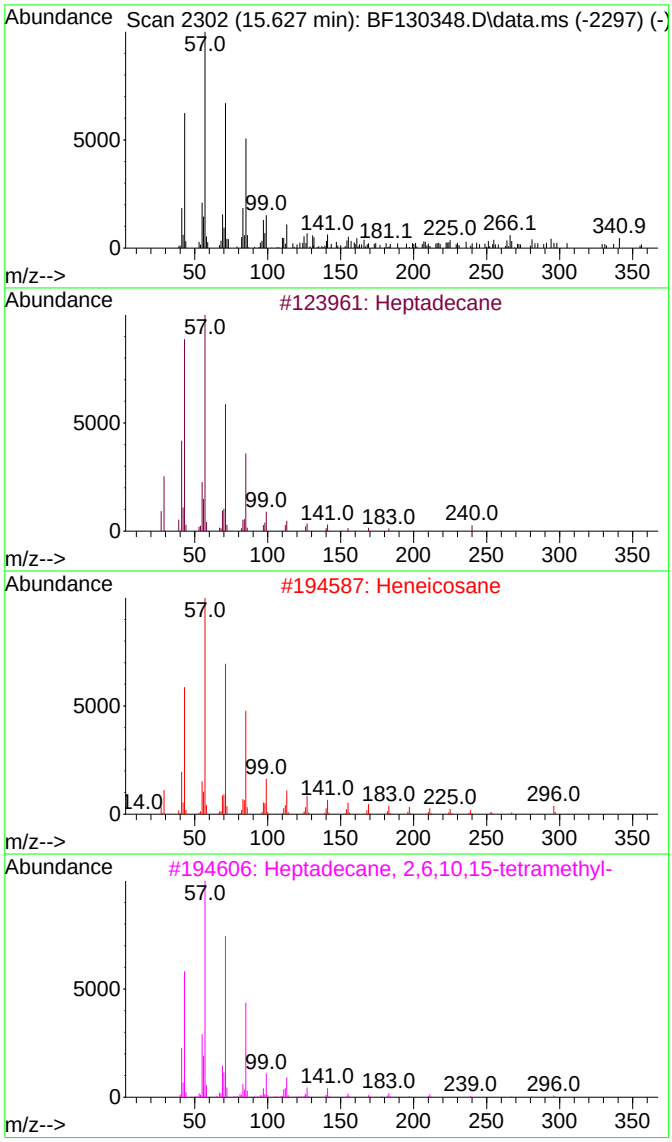
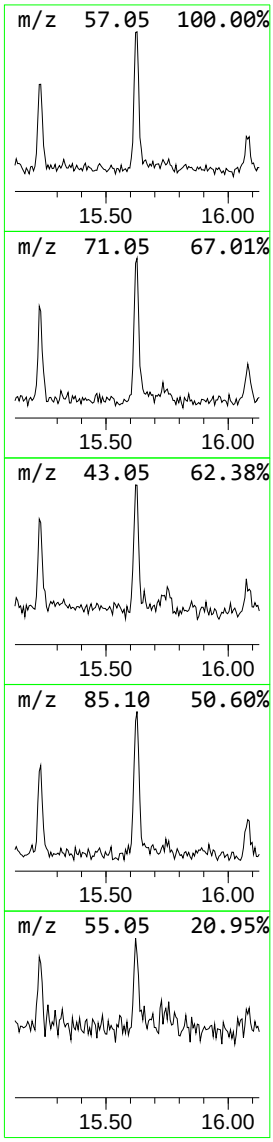
Peak Number 5 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	2.90 ng	80121	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
4	Octadecane	254	C18H38	000593-45-3	89
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.710	2.6	ng	52297	4	11.169	398648	20.0
Eicosane	14.574	5.8	ng	158867	6	15.192	552634	20.0
Heneicosane	14.886	4.0	ng	111555	6	15.192	552634	20.0
Benzo[e]pyrene	15.074	4.3	ng	117577	6	15.192	552634	20.0
Heptadecane	15.627	2.9	ng	80121	6	15.192	552634	20.0