LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	566	570	591	rBV	1886073	2234934	52.46%	3.862%
2	6.451	738	742	760	rBV	1846689	2214285	51.97%	3.826%
3	6.816	801	804	808	rBV	983162	754595	17.71%	1.304%
4	7.381	895	900	903	rBV	1605112	1380231	32.40%	2.385%
5	8.104	1018	1023	1026	rBV	1177627	1091751	25.63%	1.887%
6	9.175	1201	1205	1209	rBV	2657943	2448618	57.47%	4.231%
7	9.569	1269	1272	1276	rBV	167292	148156	3.48%	0.256%
8	9.716	1294	1297	1303	rBV2	69453	62535	1.47%	0.108%
9	9.857	1315	1321	1324	rBV	1623489	1347709	31.63%	2.329%
10	9.886	1324	1326	1330	rVV	98894	83581	1.96%	0.144%
11	9.957	1334	1338	1343	rBV	98153	102121	2.40%	0.176%
12	10.057	1350	1355	1359	rBV2	68590	88864	2.09%	0.154%
13	10.404	1410	1414	1419	rVB	90282	87541	2.05%	0.151%
14	10.563	1435	1441	1447	rBV2	67498	109932	2.58%	0.190%
15	10.645	1451	1455	1468	rVV	2141995	2071468	48.62%	3.580%
16	10.757	1471	1474	1478	rVV2	68469	110486	2.59%	0.191%
17	10.951	1502	1507	1509	rBV4	46428	80278	1.88%	0.139%
18	10.975	1509	1511	1515	rVV3	101480	142788	3.35%	0.247%
19	11.010	1515	1517	1525	rVB5	66778	125547	2.95%	0.217%
20	11.151	1537	1541	1544	rVB	69928	64553	1.52%	0.112%
21	11.204	1544	1550	1553	rVV3	52650	86064	2.02%	0.149%
22	11.239	1553	1556	1560	rVB	88221	80221	1.88%	0.139%
23	11.345	1569	1574	1576	rBV	1539239	1537359	36.09%	2.657%
24	11.369	1576	1578	1581	rVV	1304415	1050108	24.65%	1.815%
25	11.416	1581	1586	1590	rVV	280806	295721	6.94%	0.511%
26	11.575	1608	1613	1618	rBV2	96974	128981	3.03%	0.223%
27	11.633	1621	1623	1625	rVV	56186	50393	1.18%	0.087%
28	11.675	1625	1630	1635	rVB6	50562	79309	1.86%	0.137%
29	11.722	1635	1638	1641	rBV	112109	110595	2.60%	0.191%
30	11.845	1655	1659	1660	rBV	268854	259199	6.08%	0.448%
31	11.886	1660	1666	1670	rVB2	2848305	4119951	96.70%	7.119%
32	11.957	1675	1678	1680	rVV2	335444	400361	9.40%	0.692%
33	11.980	1680	1682	1686	rVV	207009	188234	4.42%	0.325%
34	12.027	1686	1690	1694	rVV3	128506	229760	5.39%	0.397%
35	12.075	1695	1698	1702	rVV2	104975	170515	4.00%	0.295%
36	12.139	1706	1709	1711	rVV	157534	124118	2.91%	0.214%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.169	1711	1714	1717	rVB	96427	83383	1.96%	0.144%
38	12.286	1732	1734	1737	rVV2	81938	78354	1.84%	0.135%
39	12.322	1737	1740	1742	rVB2	79174	72460	1.70%	0.125%
40	12.392	1749	1752	1755	rBV	154862	170047	3.99%	0.294%
41	12.427	1755	1758	1761	rVV2	91154	105183	2.47%	0.182%
42	12.480	1764	1767	1771	rBV2	116273	129921	3.05%	0.225%
43	12.516	1771	1773	1776	rBV	83557	72711	1.71%	0.126%
44	12.557	1776	1780	1789	rBV	1772544	2046039	48.03%	3.536%
45	12.669	1793	1799	1808	rBV	3070869	4260348	100.00%	7.362%
46	12.786	1814	1819	1825	rVV	1568795	1590030	37.32%	2.748%
47	12.833	1825	1827	1832	rVB3	80830	116462	2.73%	0.201%
48	12.927	1837	1843	1852	rVB	2745167	3596762	84.42%	6.215%
49	13.004	1852	1856	1861	rBV2	116607	174489	4.10%	0.302%
50	13.092	1868	1871	1872	rBV2	102019	103613	2.43%	0.179%
51	13.116	1872	1875	1878	rVB	190087	188881	4.43%	0.326%
52	13.151	1878	1881	1884	rBV3	46193	64845	1.52%	0.112%
53	13.180	1884	1886	1888	rVB	107660	75063	1.76%	0.130%
54	13.216	1888	1892	1895	rBV2	170289	178489	4.19%	0.308%
55	13.310	1905	1908	1911	rVB	117383	99619	2.34%	0.172%
56	13.339	1911	1913	1916	rBV	126884	111476	2.62%	0.193%
57	13.380	1916	1920	1922	rBV5	51287	58826	1.38%	0.102%
58	13.474	1933	1936	1937	rBV	65549	65942	1.55%	0.114%
59	13.621	1959	1961	1965	rVB	127303	132302	3.11%	0.229%
60	13.733	1976	1980	1982	rBV2	110477	123159	2.89%	0.213%
61	13.769	1982	1986	1990	rVV	1062907	1472580	34.56%	2.545%
62	13.810	1990	1993	1996	rVV	1336673	1653735	38.82%	2.858%
63	13.845	1996	1999	2004	rVV	3580249	3906959	91.71%	6.751%
64	13.892	2004	2007	2015	rVB	350158	377434	8.86%	0.652%
65	13.986	2015	2023	2026	rBV3	1438063	2156297	50.61%	3.726%
66	14.010	2026	2027	2035	rVB	590774	523712	12.29%	0.905%
67	14.092	2038	2041	2045	rVB2	63450	54052	1.27%	0.093%
68	14.133	2045	2048	2054	rBV3	123874	161090	3.78%	0.278%
69	14.368	2086	2088	2091	rVV	158633	148143	3.48%	0.256%
70	14.404	2091	2094	2097	rVV	80593	78133	1.83%	0.135%
71	14.445	2097	2101	2107	rVV3	209839	324882	7.63%	0.561%
72	14.492	2107	2109	2111	rVV2	88077	96230	2.26%	0.166%
73	14.516	2111	2113	2118	rVB2	75681	71450	1.68%	0.123%
74	14.604	2123	2128	2132	rBV	2846481	3170006	74.41%	5.478%
75	14.733	2146	2150	2158	rVB2	259093	454988	10.68%	0.786%
76	14.863	2169	2172	2176	rBV3	41831	62149	1.46%	0.107%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
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Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.021	2194	2199	2202	rBV	434253	661431	15.53%	1.143%
78	15.080	2206	2209	2214	rVB2	210910	273597	6.42%	0.473%
79	15.127	2214	2217	2221	rBV	72100	82603	1.94%	0.143%
80	15.315	2245	2249	2255	rVB	284562	383043	8.99%	0.662%
81	15.380	2256	2260	2265	rVV	411169	500773	11.75%	0.865%
82	15.445	2266	2271	2283	rVB2	888921	1382386	32.45%	2.389%
83	15.880	2340	2345	2350	rBV	175066	270592	6.35%	0.468%
84	15.963	2354	2359	2363	rBV3	132181	286755	6.73%	0.496%
85	16.045	2369	2373	2381	rVB5	124649	220555	5.18%	0.381%
86	16.145	2388	2390	2397	rVB6	47262	73499	1.73%	0.127%
87	16.374	2425	2429	2435	rVB	97964	162861	3.82%	0.281%
88	16.892	2511	2517	2523	rBV2	192986	404104	9.49%	0.698%
89	16.957	2524	2528	2536	rVB2	85011	179674	4.22%	0.310%
90	17.068	2543	2547	2549	rBV	37677	60973	1.43%	0.105%
91	17.327	2585	2591	2600	rBV	143959	294193	6.91%	0.508%
92	17.474	2609	2616	2629	rBV9	141481	562172	13.20%	0.971%

Sum of corrected areas: 57870317

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
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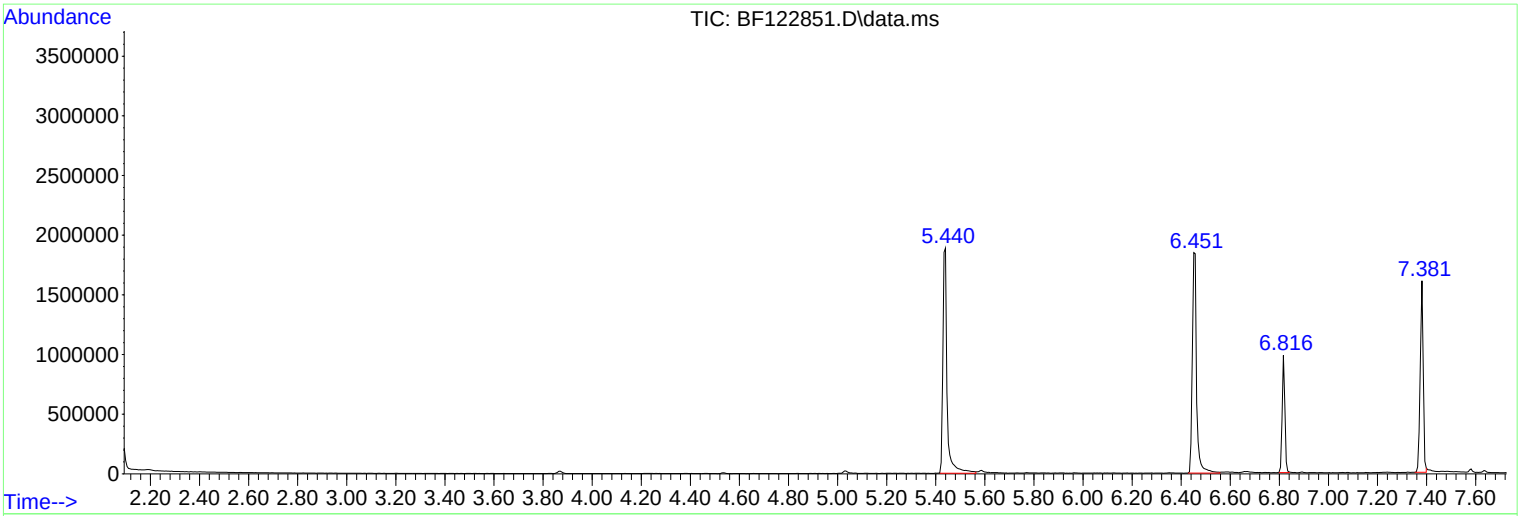
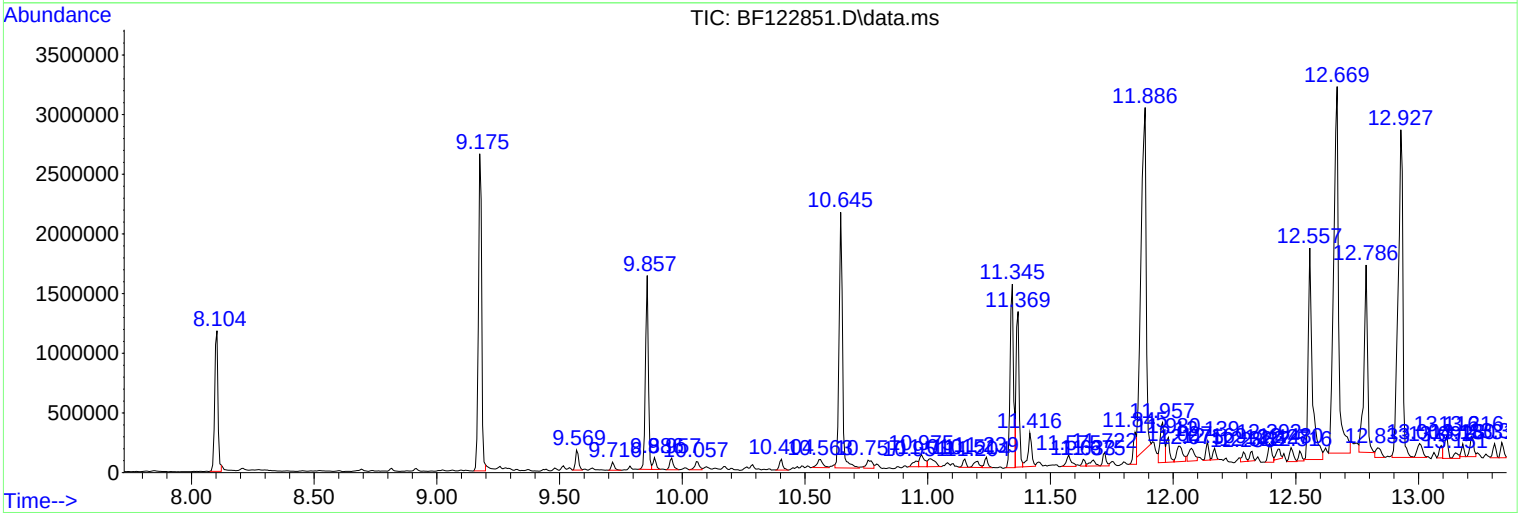
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

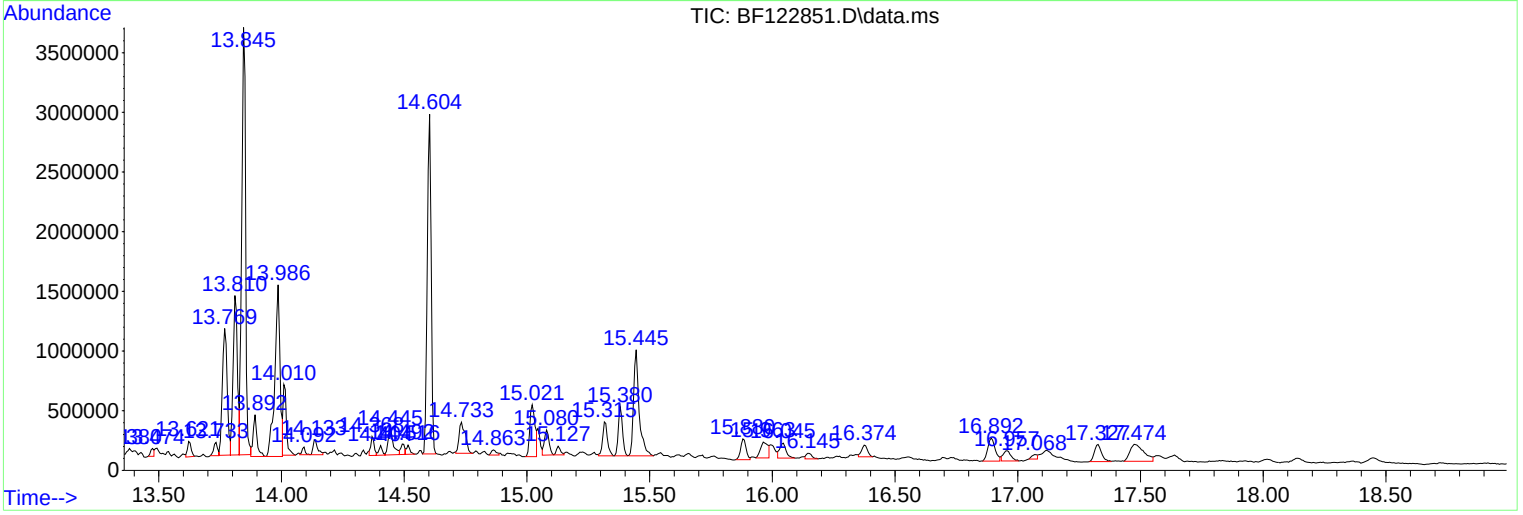
Instrument :
BNA_F
ClientSampleId :
22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

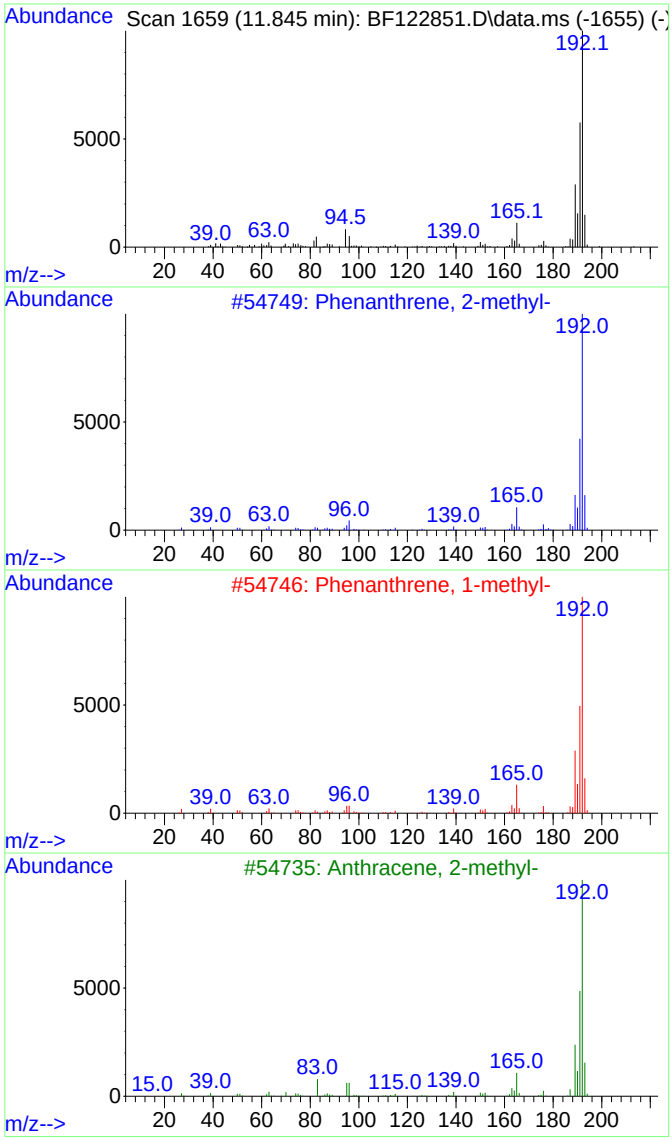
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

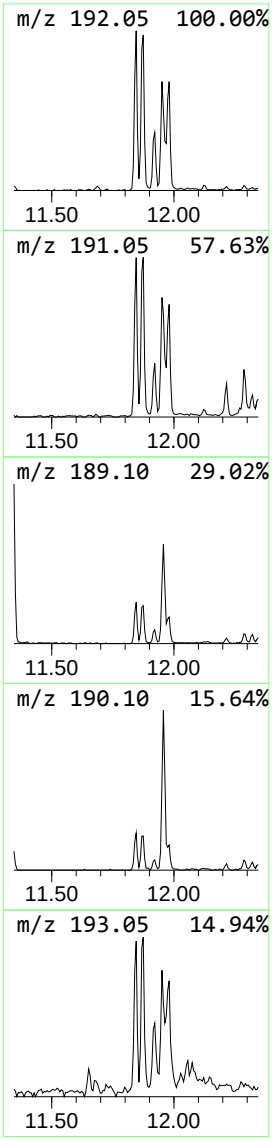
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.37 ng	259199	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

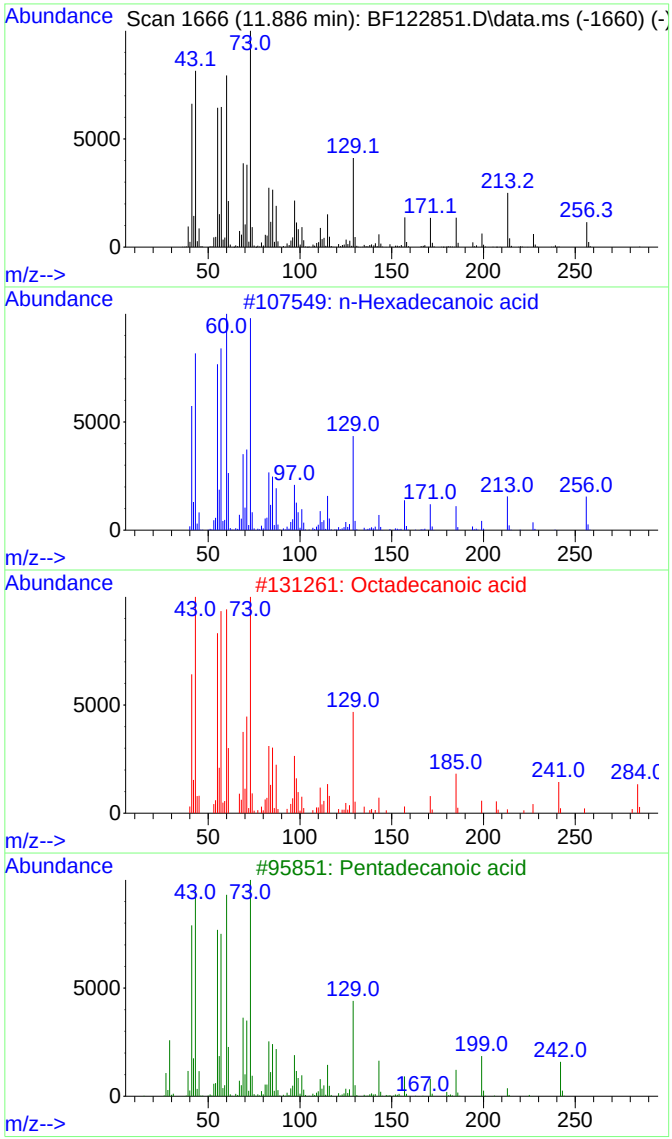
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

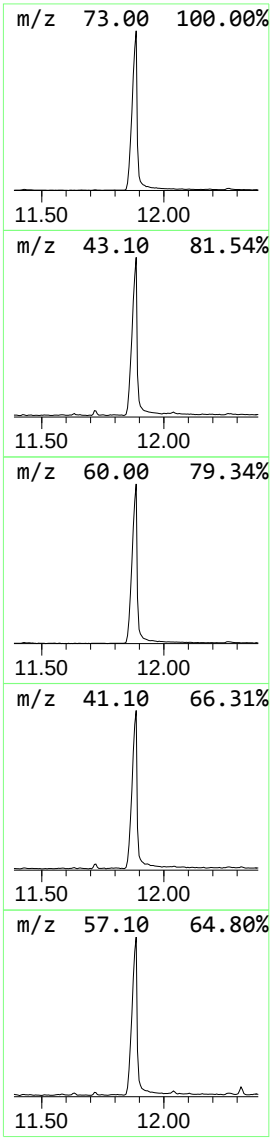
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	53.60 ng	4119950	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

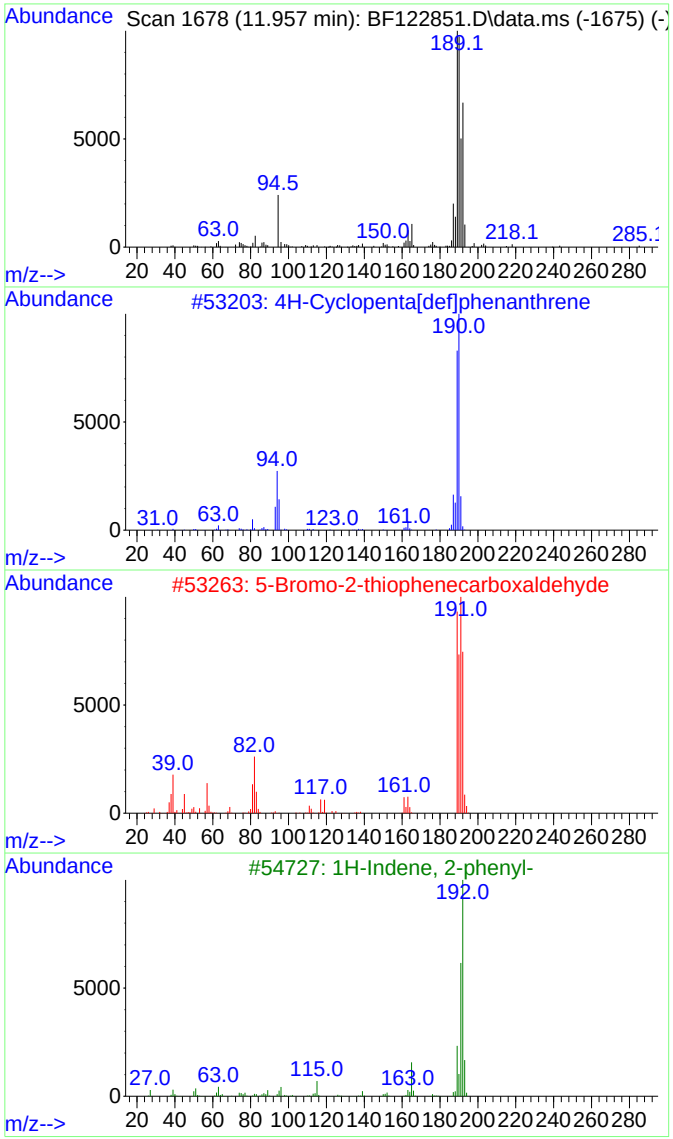
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

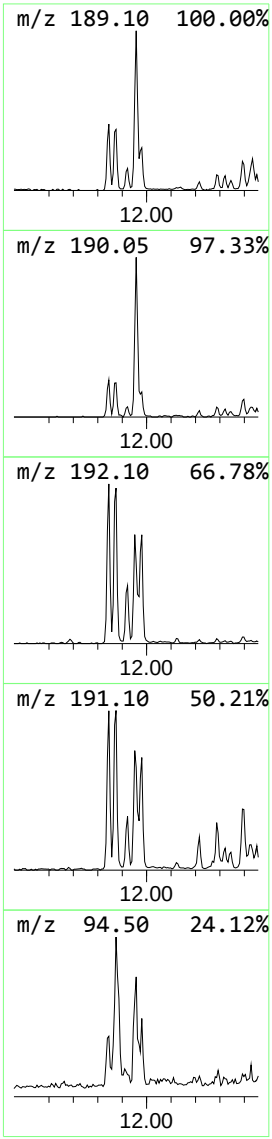
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	5.21 ng	400361	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

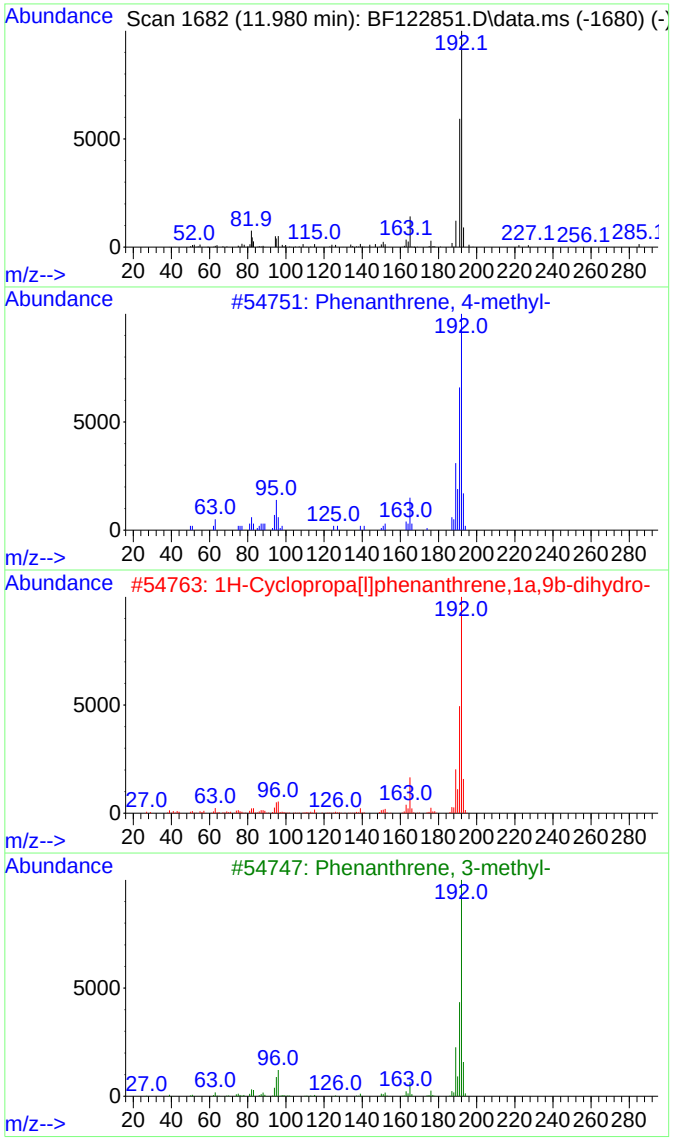
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

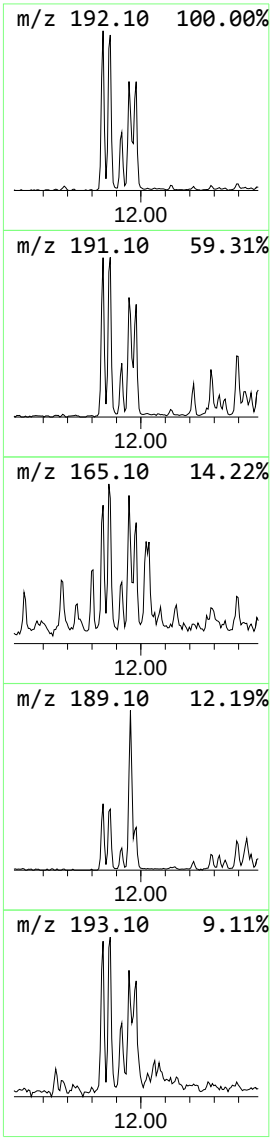
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.45 ng	188234	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

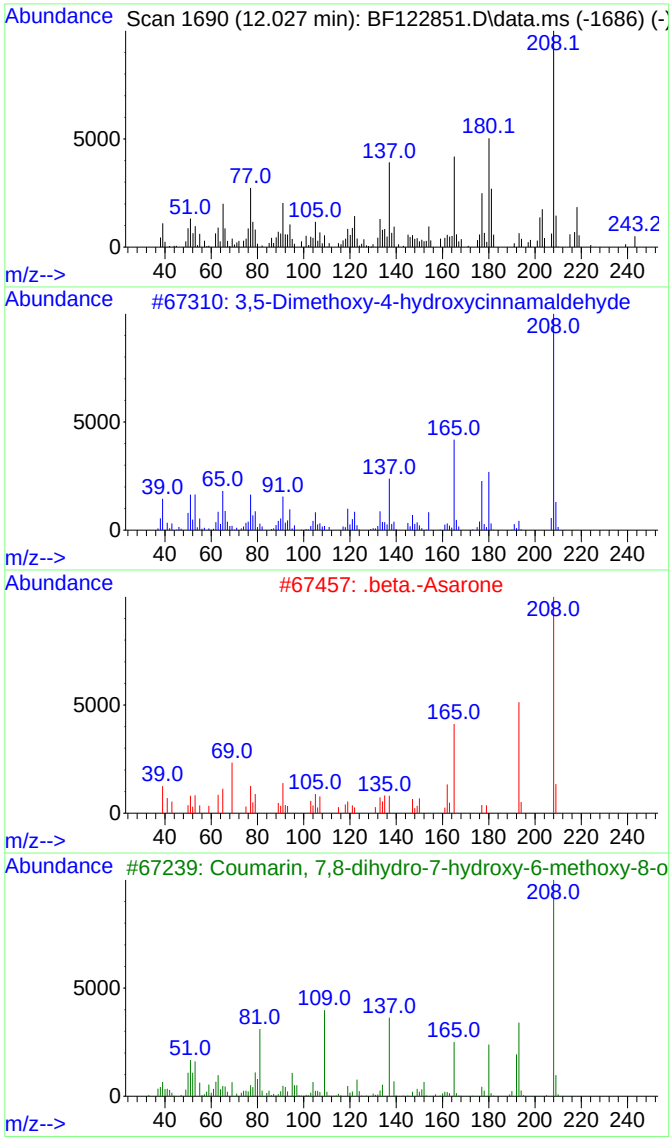
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

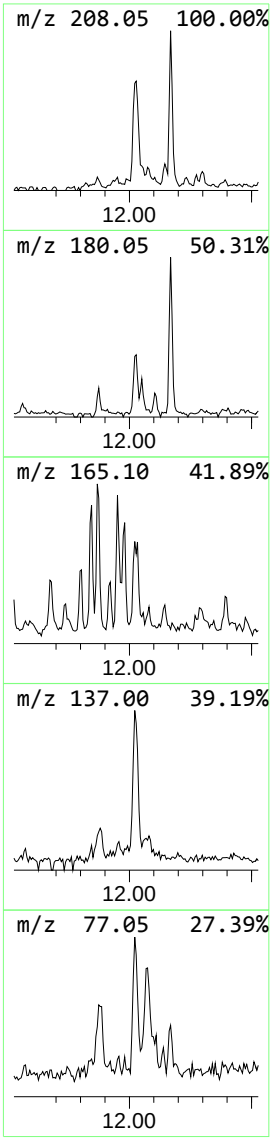
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.99 ng	229760	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	83
2	.beta.-Asarone	208	C12H16O3	005273-86-9	50
3	Coumarin, 7,8-dihydro-7-hydroxy-...	208	C10H8O5	1000263-13-6	49
4	Benzene, 1,2,4-trimethoxy-5-(1-p...	208	C12H16O3	000494-40-6	45
5	Dibenzosuberone	208	C15H12O	001210-35-1	45





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Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
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Instrument : BNA_F
ClientSampleId : 22

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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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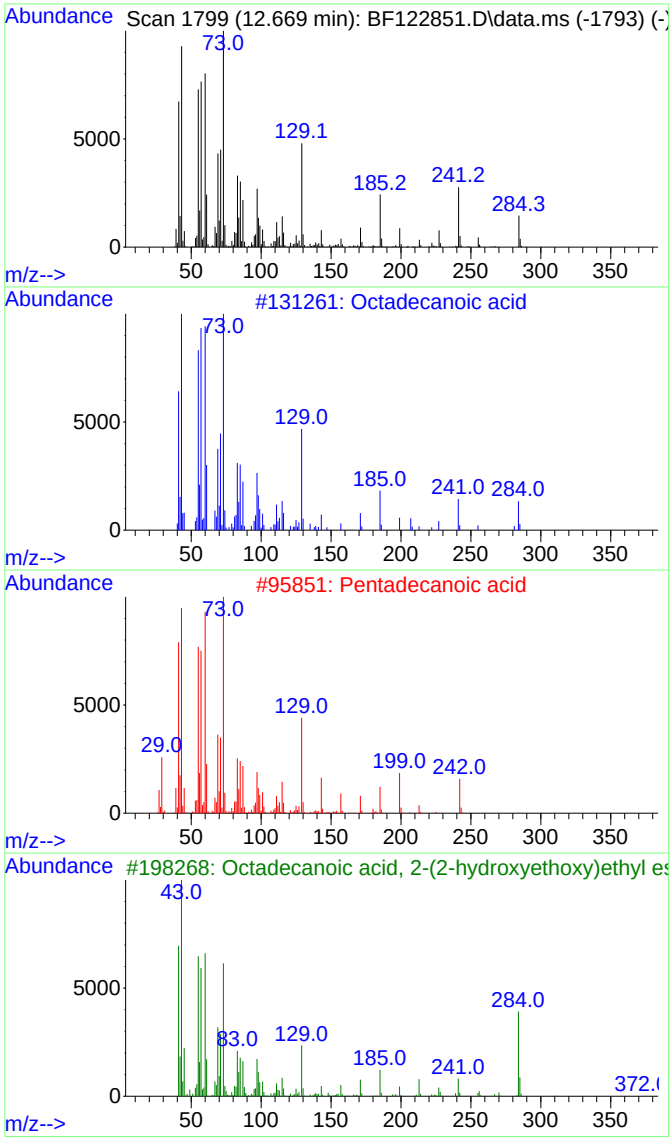
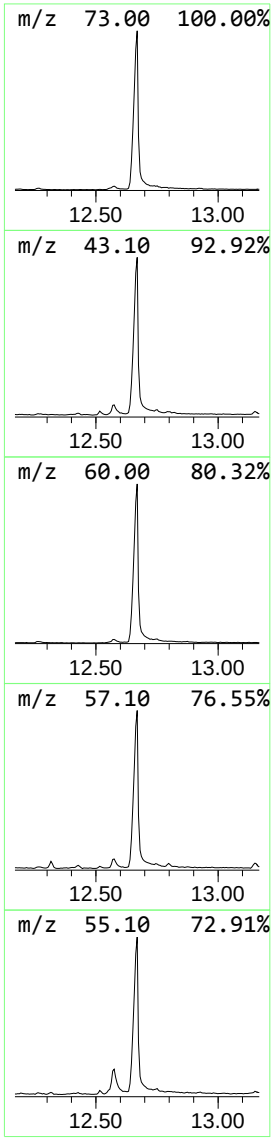
Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	39.52 ng	4260350	Chrysene-d12	13.986

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	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

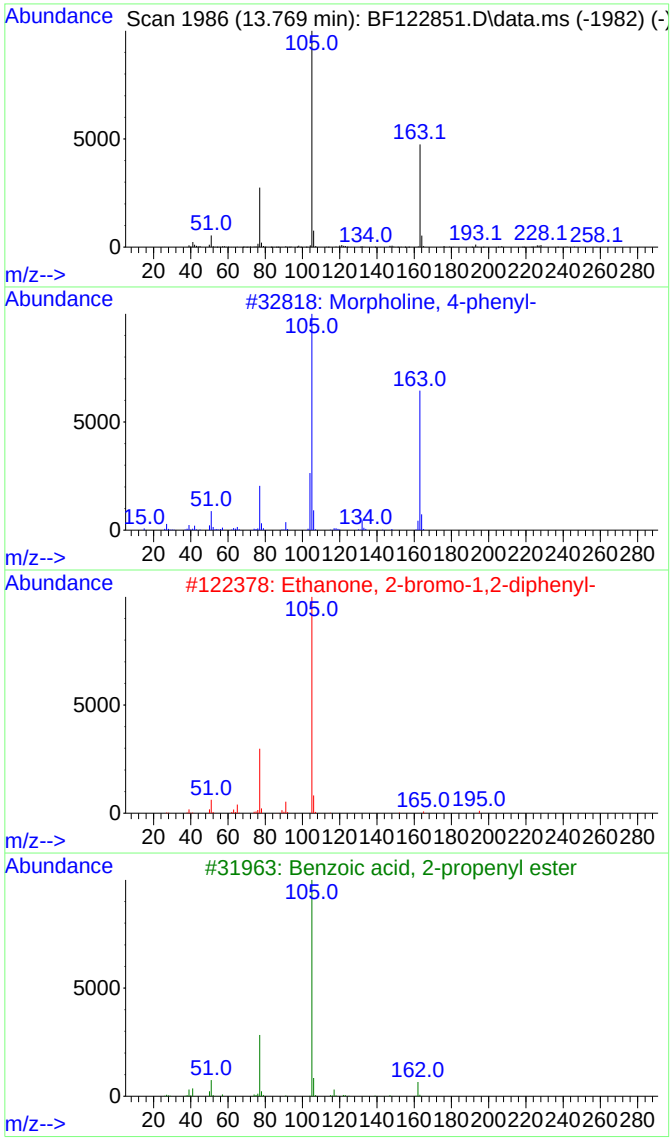
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

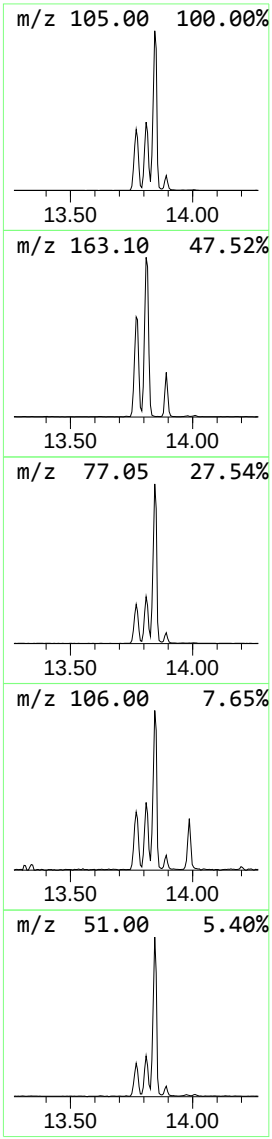
****

Peak Number 7 Morpholine, 4-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	13.66 ng	1472580	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
2	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	38
3	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	38
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	38
5	2,6-Dimethylphenyl benzoate	226	C15H14O2	001871-36-9	35





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

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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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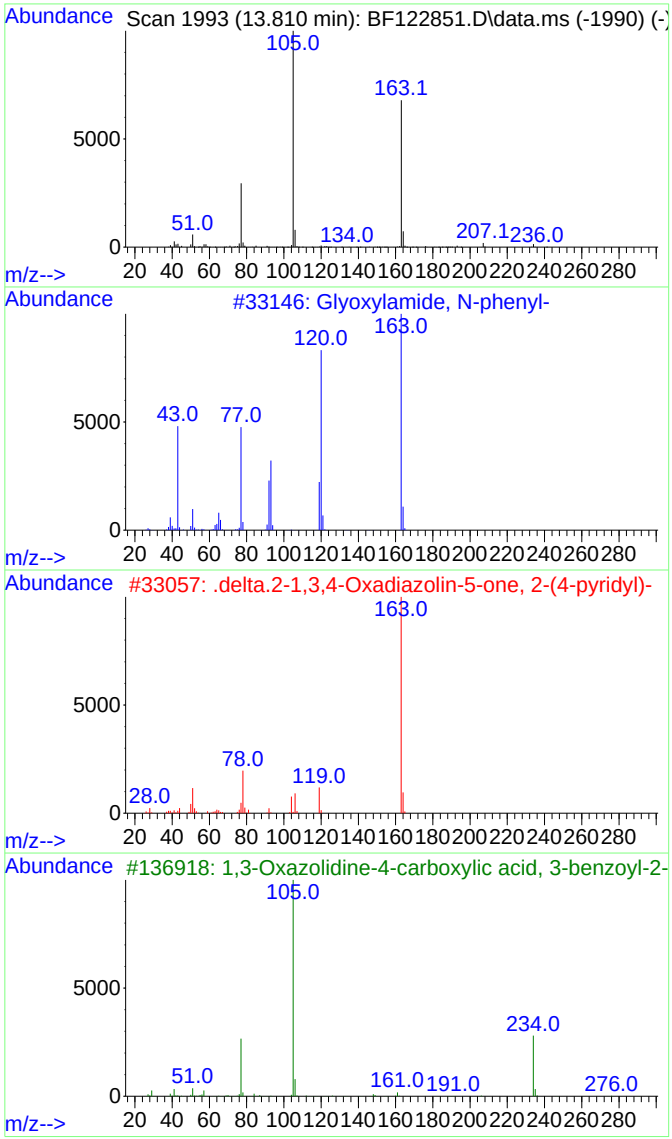
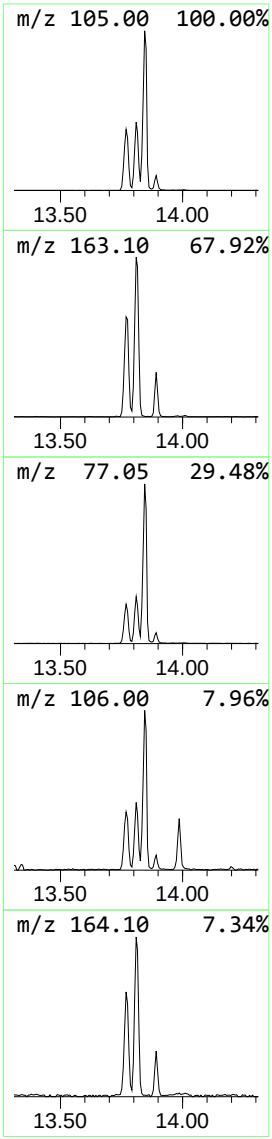
Peak Number 8 Glyoxylamide, N-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	15.34 ng	1653740	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50
2	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	43
3	1,3-Oxazolidine-4-carboxylic aci...	291	C16H21NO4	1000196-90-4	38
4	Benzo[b]thiophene-3-carboxylic a...	343	C18H17NO4S	096334-43-9	38
5	Benzoic acid, 3,5-difluophenyl e...	234	C13H8F2O2	1000357-79-5	38





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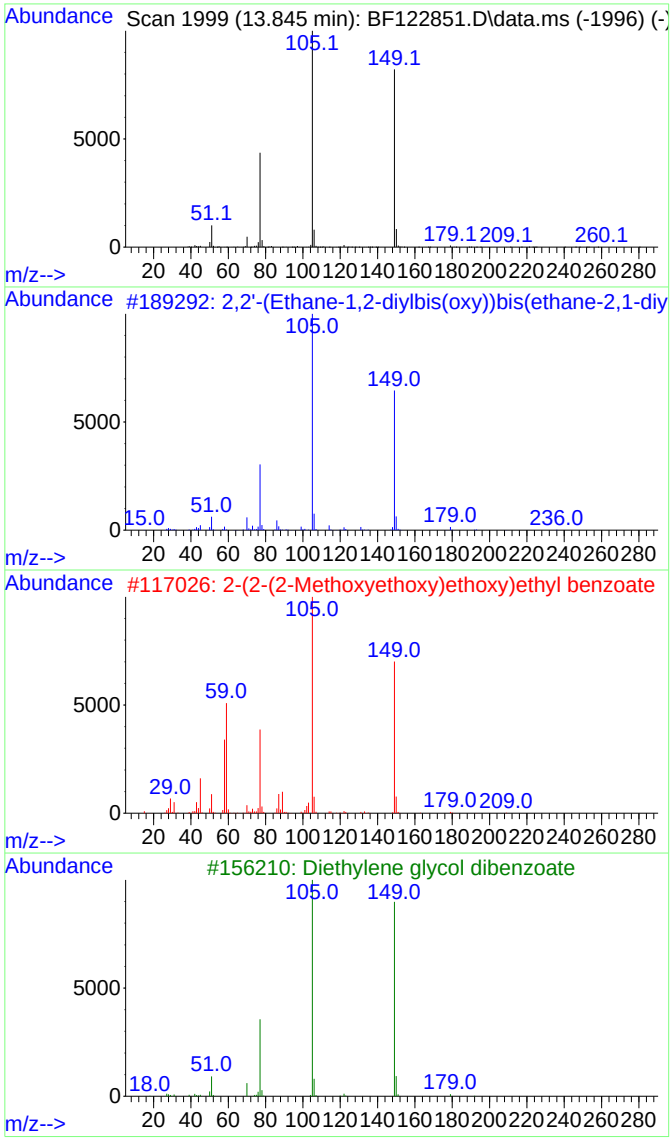
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

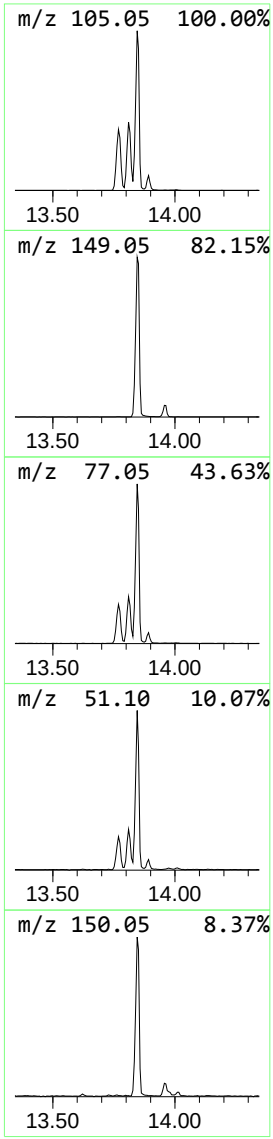
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	36.24 ng	3906960	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	50





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Sample : L5189-01
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Instrument : BNA_F
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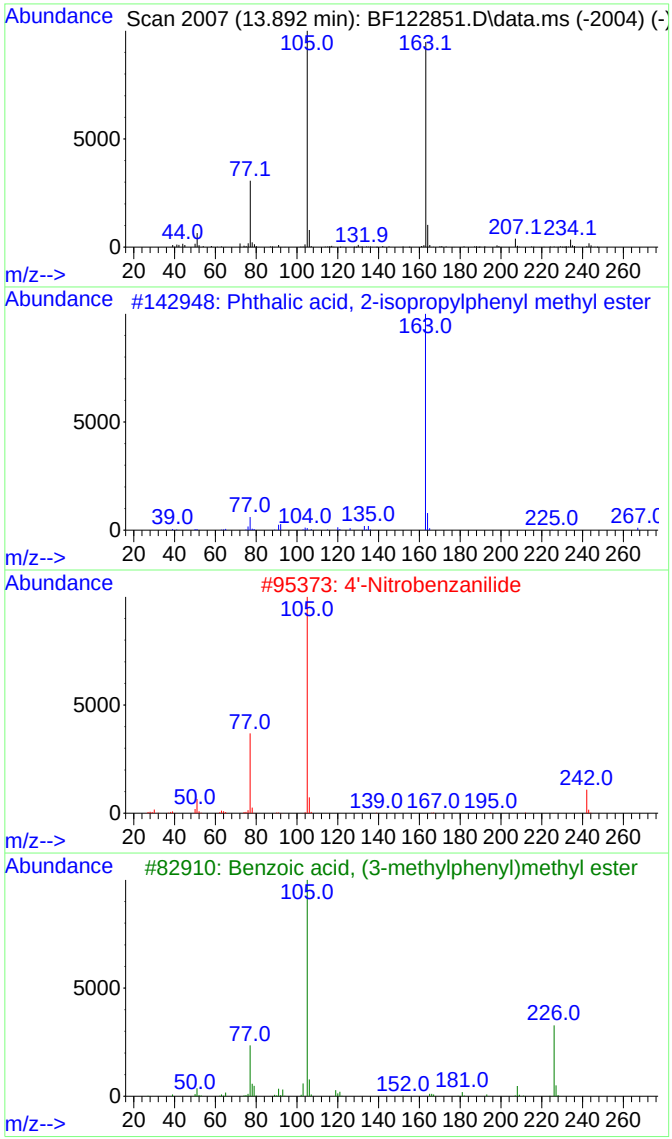
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

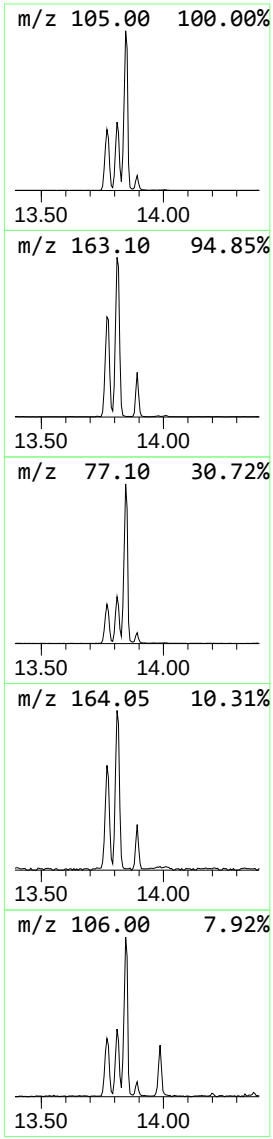
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown13.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.50 ng	377434	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	47
2	4'-Nitrobenzanilide	242	C13H10N2O3	003393-96-2	14
3	Benzoic acid, (3-methylphenyl)me...	226	C15H14O2	1000368-97-4	14
4	Benzo[b]thiophene-3-carboxylic a...	343	C18H17NO4S	096334-43-9	14
5	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	14





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Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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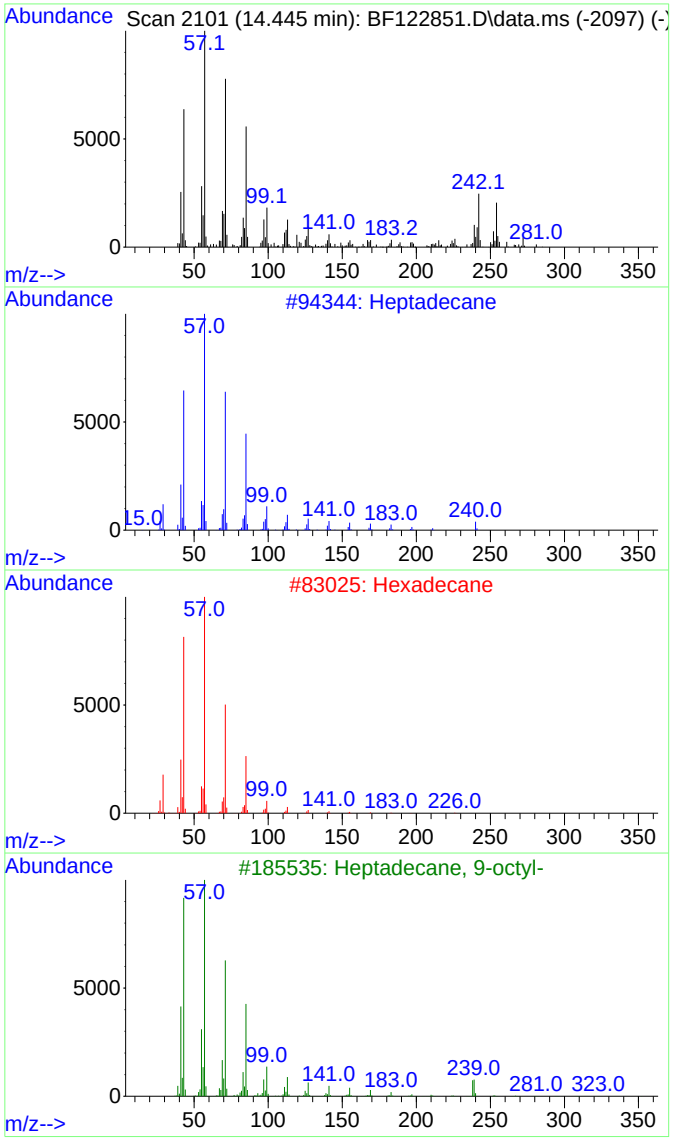
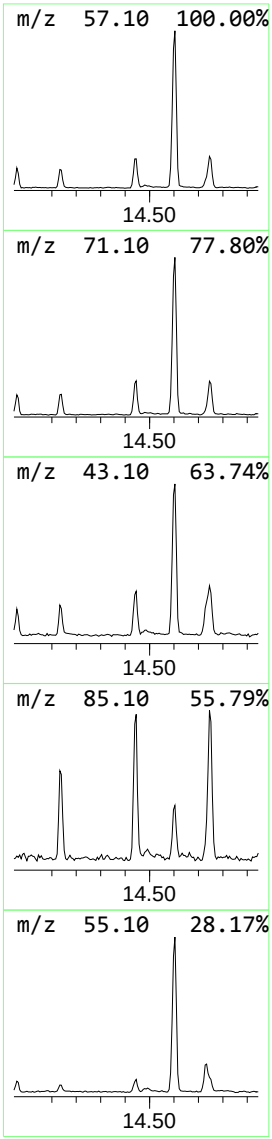
Peak Number 11 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	3.01 ng	324882	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
4	Heneicosane	296	C21H44	000629-94-7	60
5	Hexacosane	366	C26H54	000630-01-3	60





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Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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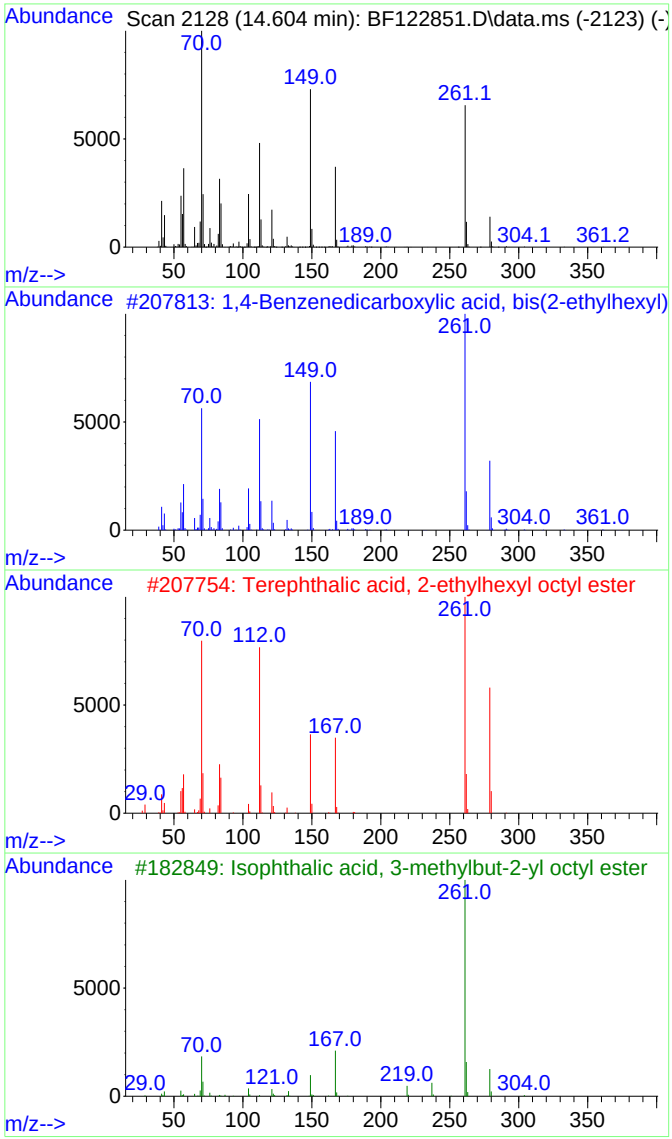
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

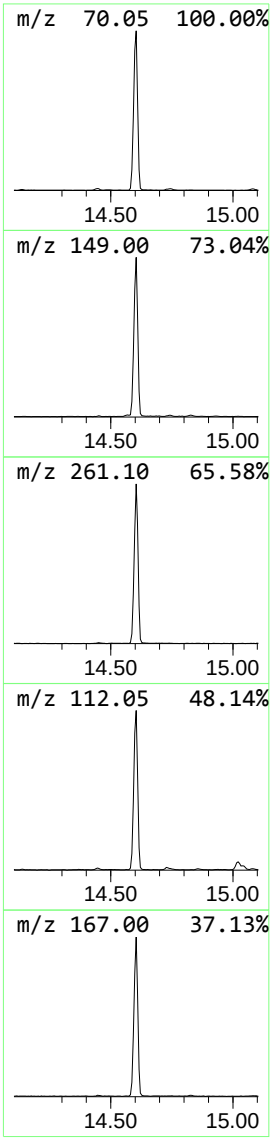
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.604	29.40 ng	3170010	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	81
2	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	58
3	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	50
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47





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Sample : L5189-01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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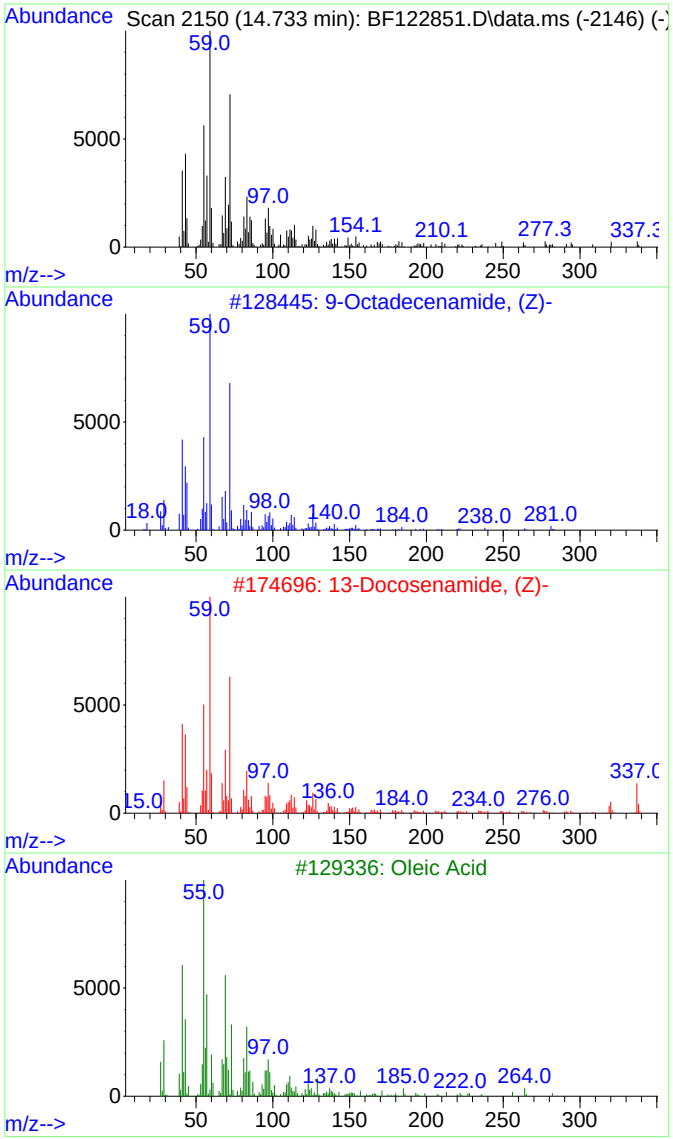
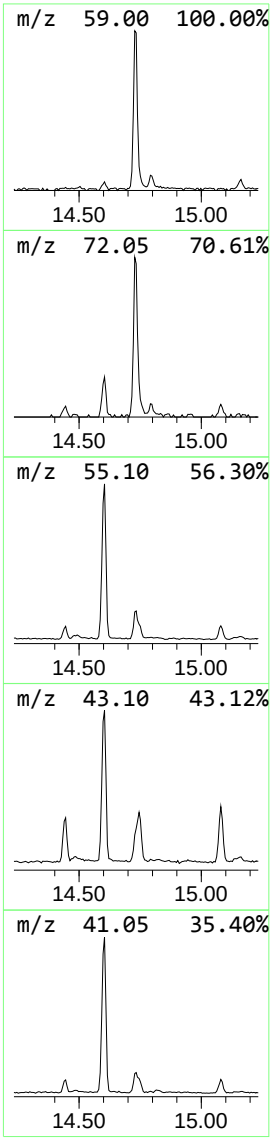
Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	6.58 ng	454988	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	Oleic Acid	282	C18H34O2	000112-80-1	42
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	15
5	cis-5-Dodecenoic acid	198	C12H22O2	002430-94-6	14





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Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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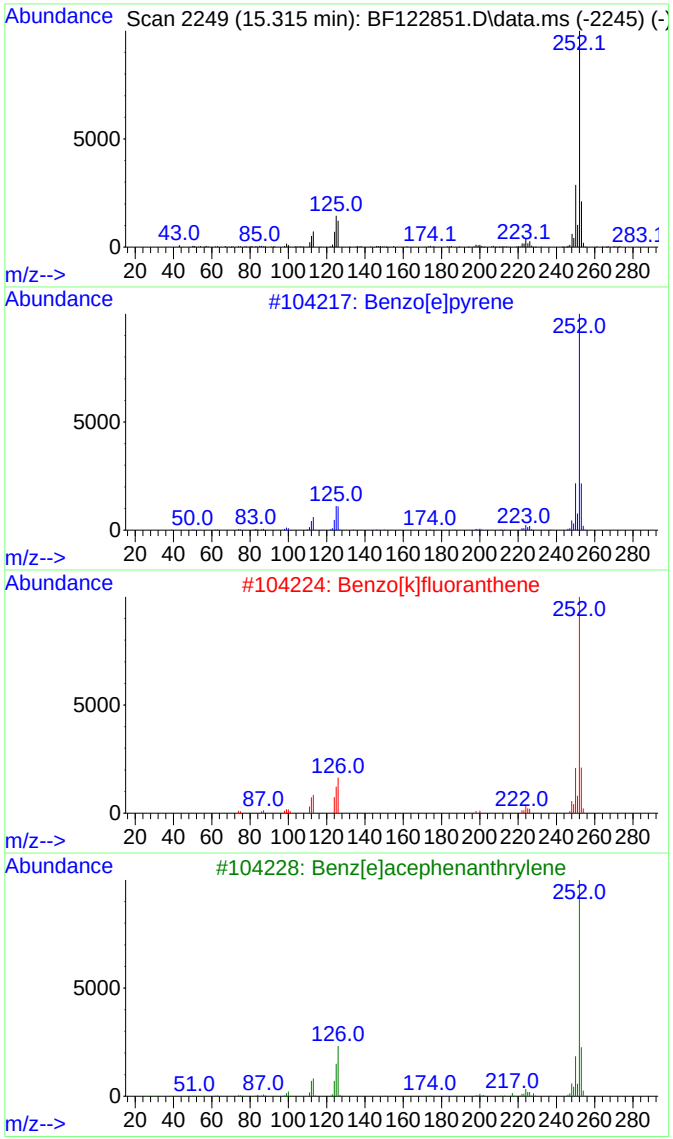
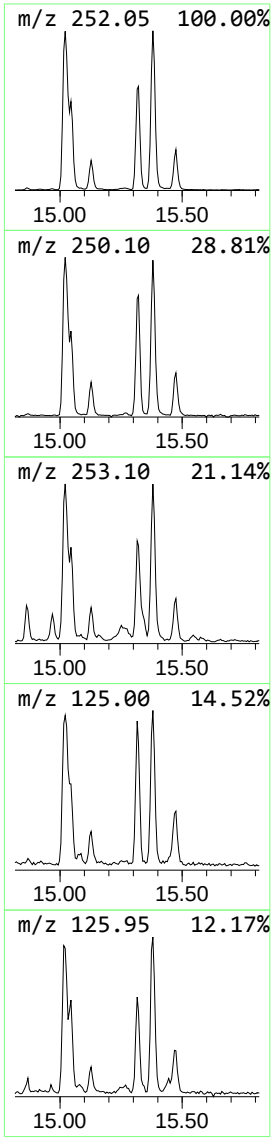
Peak Number 14 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	5.54 ng	383043	Perylene-d12	15.445

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





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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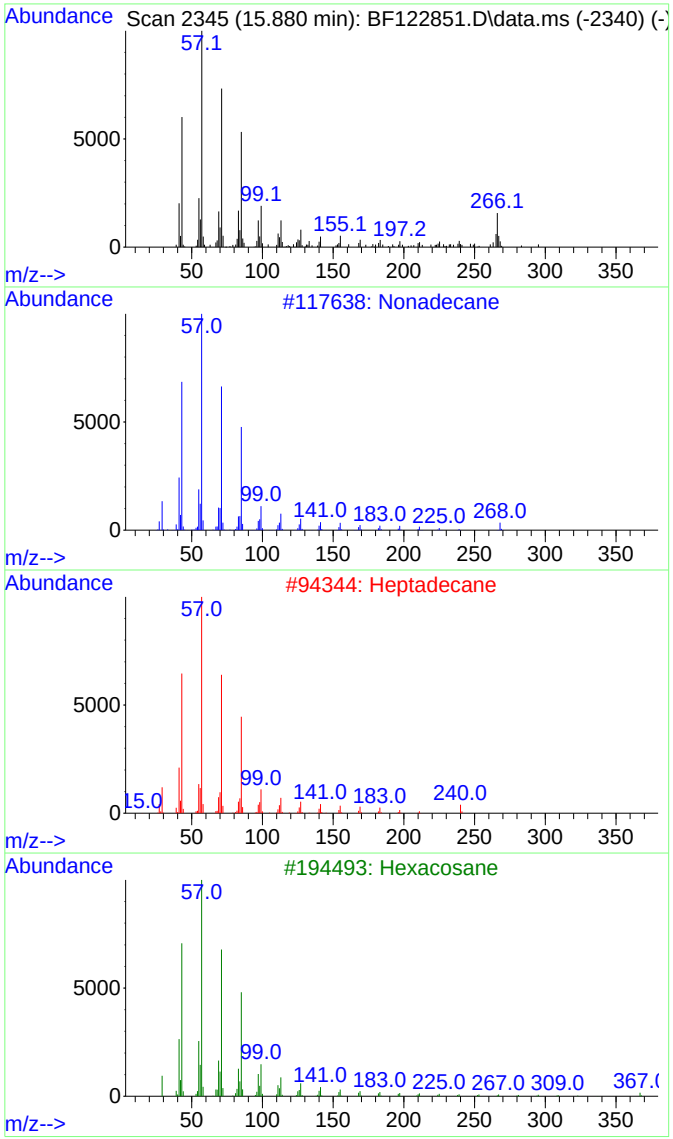
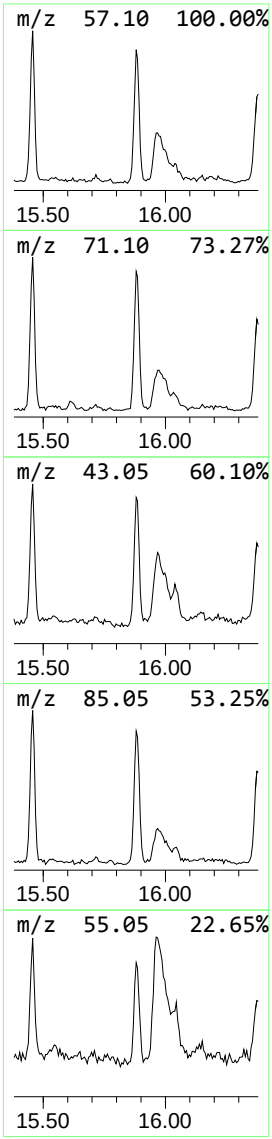
Peak Number 15 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	3.91 ng	270592	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Triacontane	422	C30H62	000638-68-6	90





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ClientSampleId :
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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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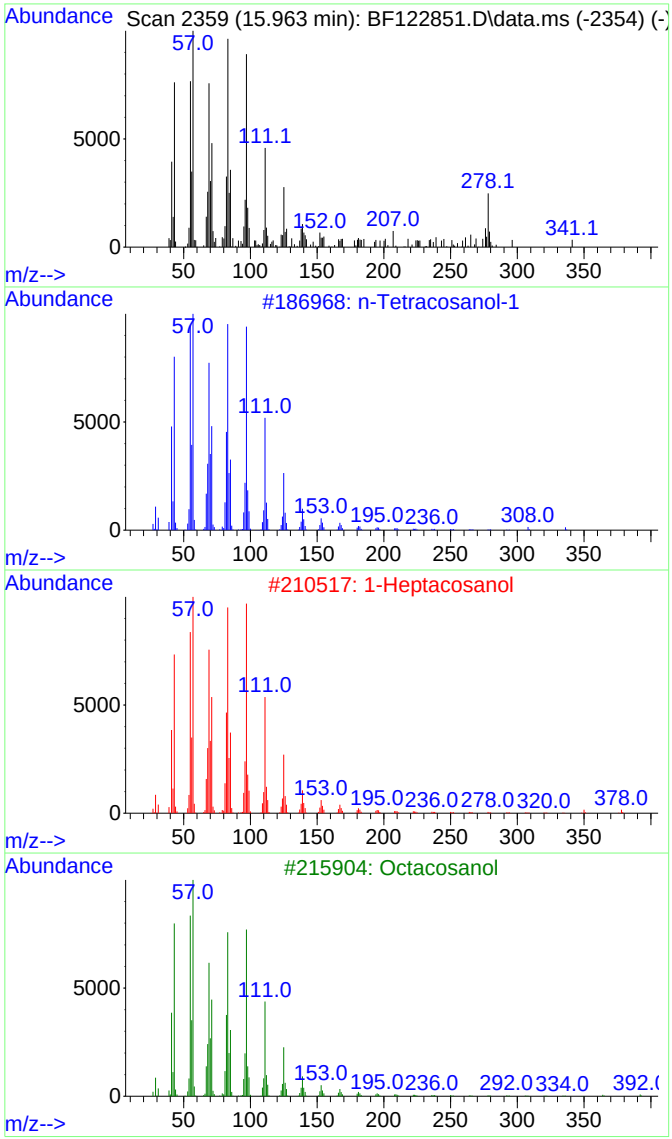
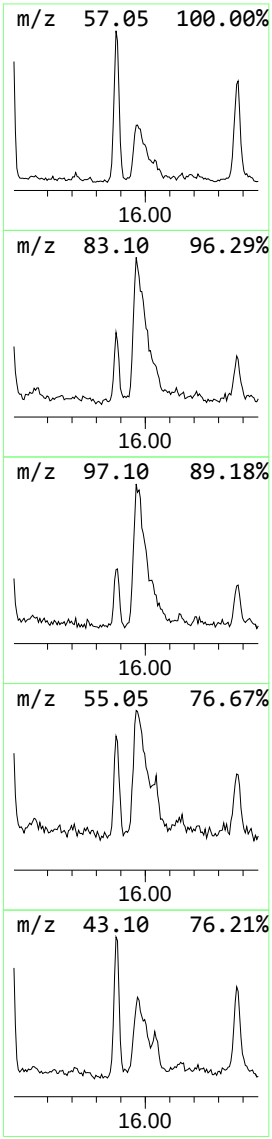
Peak Number 16 n-Tetracosanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	4.15 ng	286755	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





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Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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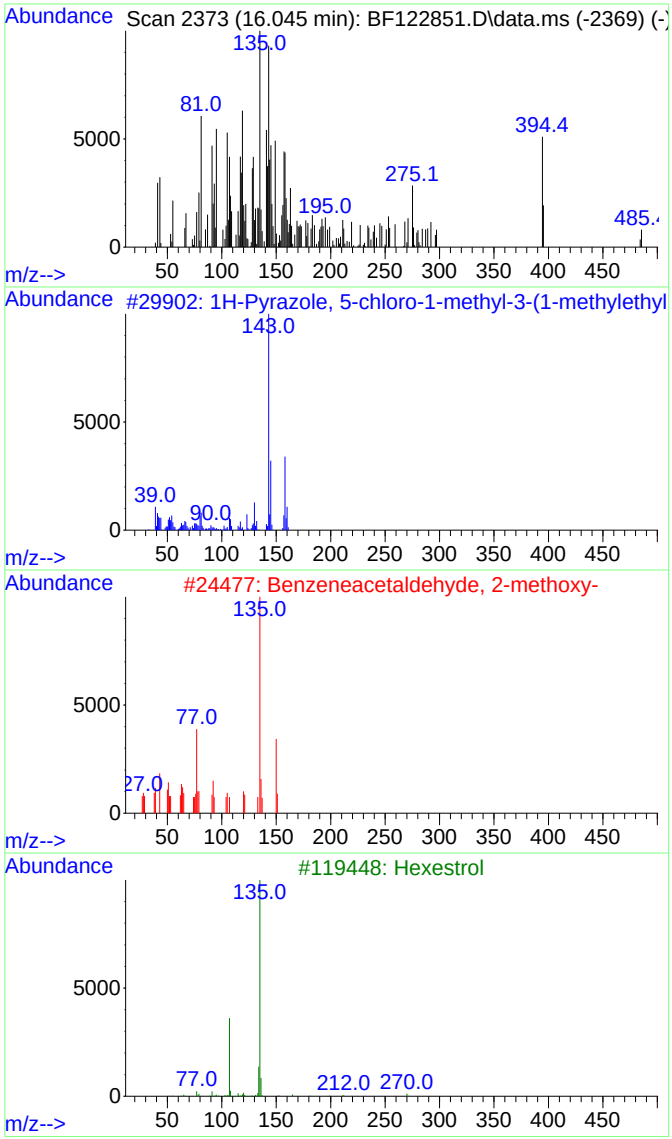
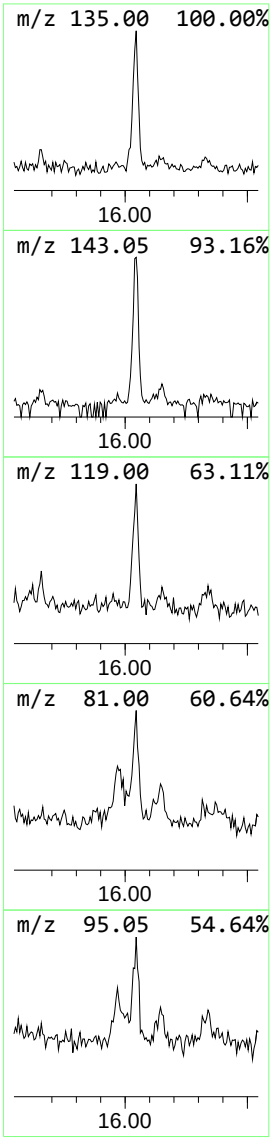
Peak Number 17 unknown16.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	3.19 ng	220555	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 5-chloro-1-methyl-3...	158	C7H11ClN2	1000319-90-4	22
2	Benzeneacetaldehyde, 2-methoxy-	150	C9H10O2	033567-59-8	11
3	Hexestrol	270	C18H22O2	000084-16-2	11
4	1-Adamantan-1-ylmethyl-6-amino-1...	275	C15H21N3O2	1000297-13-5	11
5	Stigmastan-3,5,22-trien	394	C29H46	1000214-18-1	11





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Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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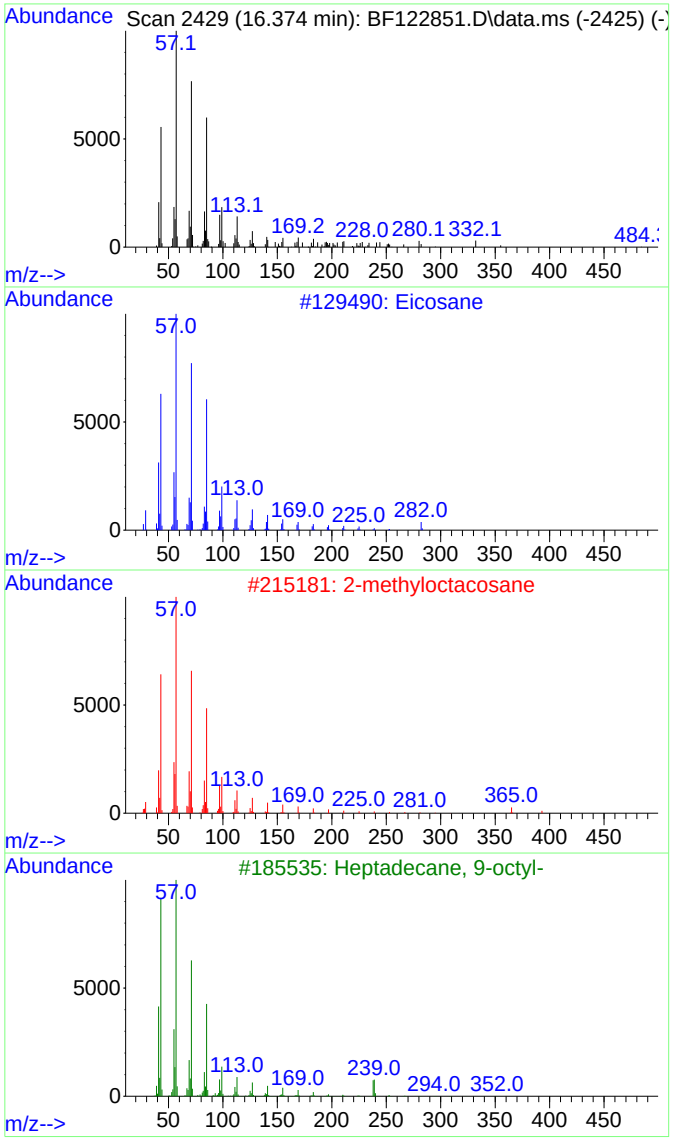
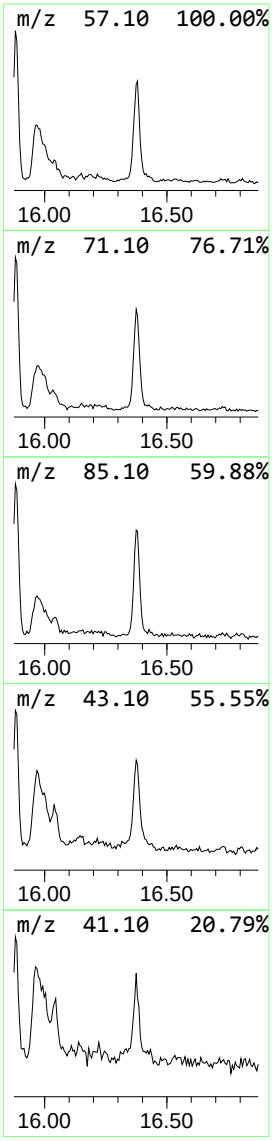
Peak Number 18 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.374	2.36 ng	162861	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





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Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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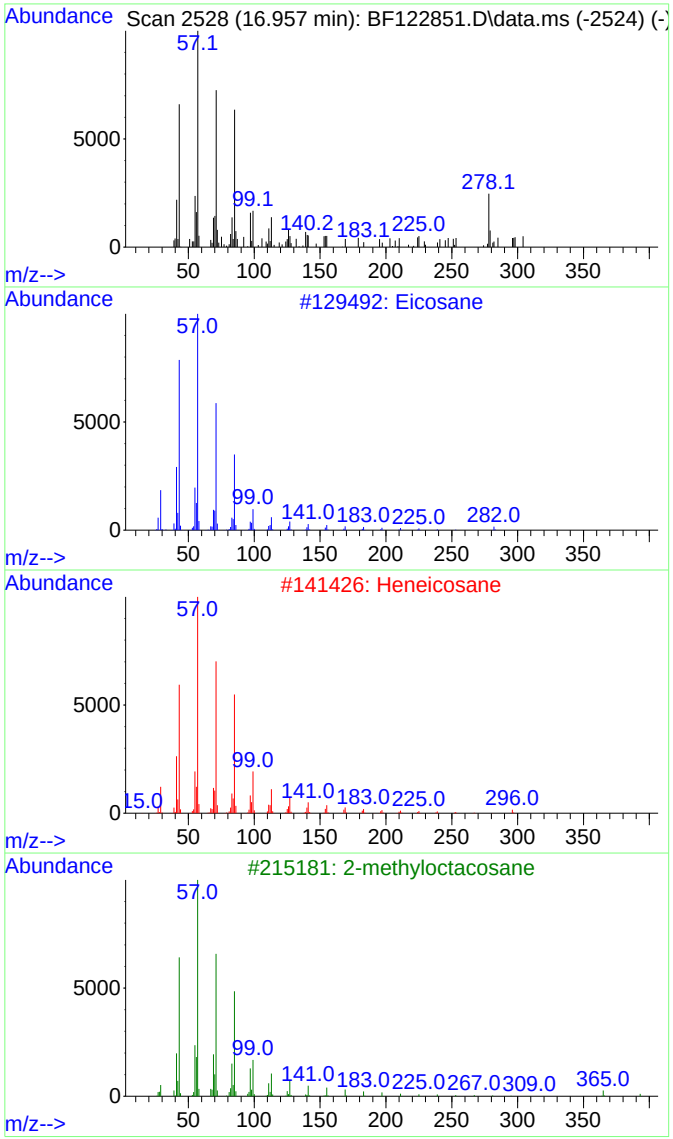
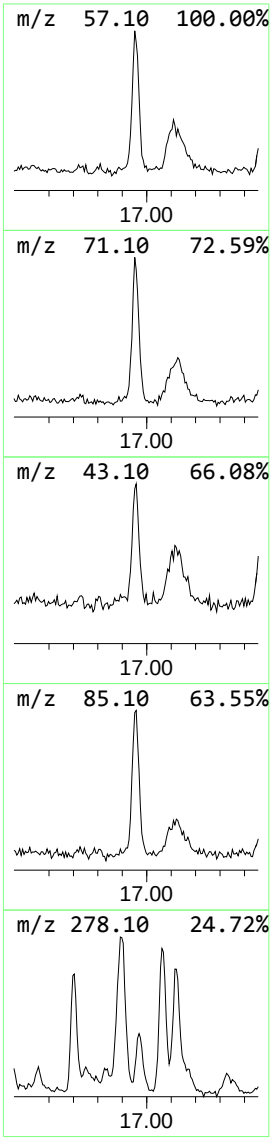
Peak Number 19 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	2.60 ng	179674	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Heneicosane	296	C21H44	000629-94-7	60
3	2-methyloctacosane	408	C29H60	1000376-72-8	53
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Hexacosane	366	C26H54	000630-01-3	49





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Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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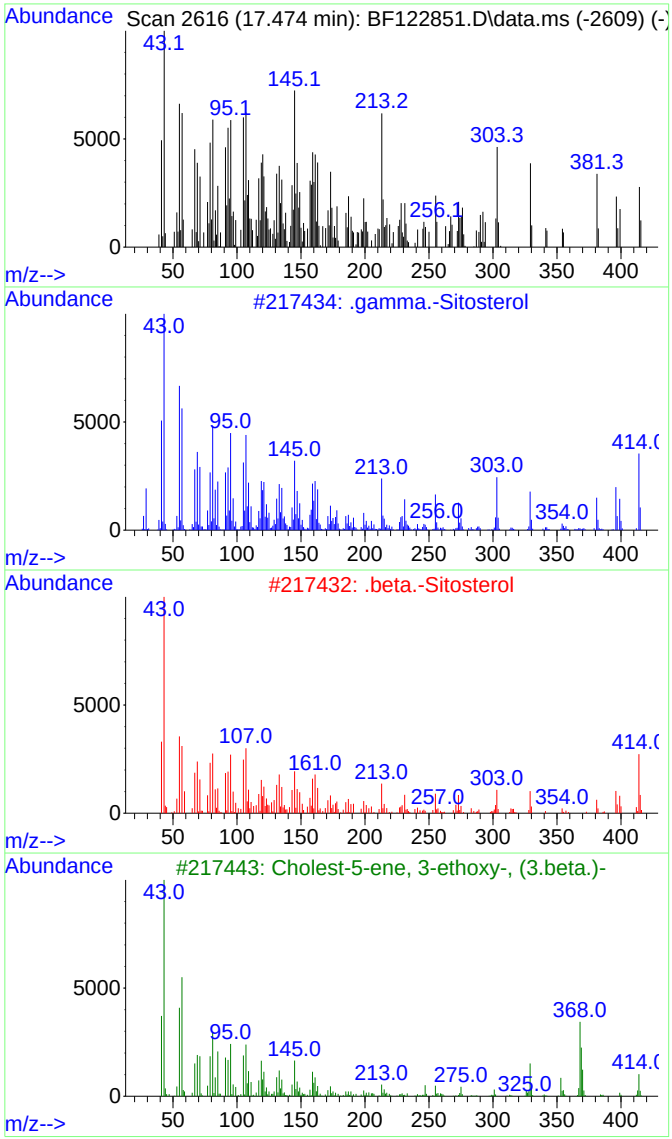
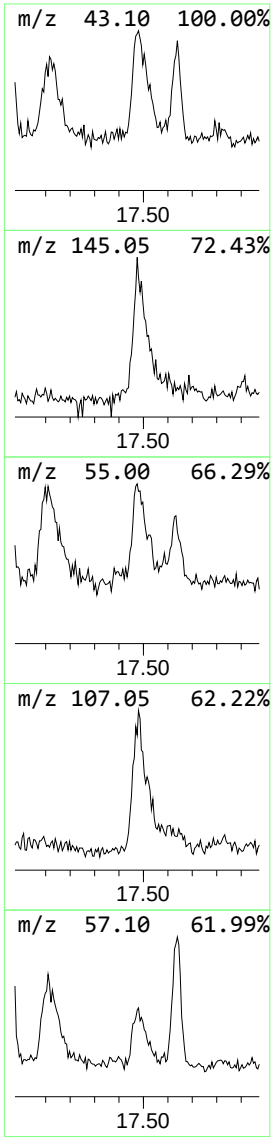
Peak Number 20 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.474	8.13 ng	562172	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25
4	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	11
5	4(3H)-Pyrimidinone, 3-ethyl-6-me...	214	C13H14N2O	033192-83-5	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
Sample : L5189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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
Phenanthrene, 2...	11.845	3.4	ng	259199	4	11.345	1537360	20.0
n-Hexadecanoic ...	11.886	53.6	ng	4119950	4	11.345	1537360	20.0
4H-Cyclopenta[d...	11.957	5.2	ng	400361	4	11.345	1537360	20.0
Phenanthrene, 4...	11.980	2.5	ng	188234	4	11.345	1537360	20.0
3,5-Dimethoxy-4...	12.028	3.0	ng	229760	4	11.345	1537360	20.0
Octadecanoic acid	12.669	39.5	ng	4260350	5	13.986	2156300	20.0
Morpholine, 4-p...	13.769	13.7	ng	1472580	5	13.986	2156300	20.0
Glyoxylamide, N...	13.810	15.3	ng	1653740	5	13.986	2156300	20.0
2,2'-(Ethane-1,...	13.845	36.2	ng	3906960	5	13.986	2156300	20.0
unknown13.89	13.892	3.5	ng	377434	5	13.986	2156300	20.0
Heptadecane	14.445	3.0	ng	324882	5	13.986	2156300	20.0
1,4-Benzenedica...	14.604	29.4	ng	3170010	5	13.986	2156300	20.0
9-Octadecenamid...	14.733	6.6	ng	454988	6	15.445	1382390	20.0
Benzo[e]pyrene	15.316	5.5	ng	383043	6	15.445	1382390	20.0
Nonadecane	15.880	3.9	ng	270592	6	15.445	1382390	20.0
n-Tetracosanol-1	15.963	4.2	ng	286755	6	15.445	1382390	20.0
unknown16.04	16.045	3.2	ng	220555	6	15.445	1382390	20.0
Eicosane	16.374	2.4	ng	162861	6	15.445	1382390	20.0
Heneicosane	16.957	2.6	ng	179674	6	15.445	1382390	20.0
.gamma.-Sitosterol	17.474	8.1	ng	562172	6	15.445	1382390	20.0