LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	5.087	507	510	517	rBV	79409	78788	3.07%	0.202%
2	5.487	574	578	582	rBV	855018	727289	28.38%	1.867%
3	6.492	745	749	760	rBV	758148	763835	29.80%	1.960%
4	6.639	770	774	777	rBV	953195	768484	29.98%	1.972%
5	6.875	810	814	817	rVB	471870	404389	15.78%	1.038%
6	7.028	836	840	843	rBV	672909	538014	20.99%	1.381%
7	7.433	905	909	912	rBV	519152	439968	17.17%	1.129%
8	8.157	1028	1032	1034	rVV	560715	557360	21.75%	1.431%
9	8.175	1034	1035	1038	rVB	249842	142508	5.56%	0.366%
10	8.863	1150	1152	1156	rVB	167908	147426	5.75%	0.378%
11	8.963	1165	1169	1174	rBV	151462	157787	6.16%	0.405%
12	9.227	1210	1214	1217	rBV	970831	748147	29.19%	1.920%
13	9.304	1224	1227	1229	rBV	116971	94166	3.67%	0.242%
14	9.486	1255	1258	1264	rBV3	84135	114712	4.48%	0.294%
15	9.563	1268	1271	1274	rBV	135145	142364	5.55%	0.365%
16	9.622	1278	1281	1288	rVB2	85750	116917	4.56%	0.300%
17	9.686	1288	1292	1294	rBV	81999	80697	3.15%	0.207%
18	9.769	1303	1306	1310	rBV	182866	156043	6.09%	0.401%
19	9.833	1310	1317	1320	rVV	147434	134050	5.23%	0.344%
20	9.910	1327	1330	1333	rVV	619408	512184	19.98%	1.315%
21	9.939	1333	1335	1339	rVV	310645	276734	10.80%	0.710%
22	10.116	1359	1365	1368	rVB	266516	269129	10.50%	0.691%
23	10.333	1399	1402	1404	rVB	164289	132328	5.16%	0.340%
24	10.457	1420	1423	1428	rVB	557826	482708	18.83%	1.239%
25	10.610	1444	1449	1452	rVB2	90929	93701	3.66%	0.240%
26	10.698	1461	1464	1468	rVV	514017	478257	18.66%	1.227%
27	10.804	1479	1482	1490	rVB2	150700	200181	7.81%	0.514%
28	11.004	1509	1516	1519	rBV2	120944	157124	6.13%	0.403%
29	11.251	1553	1558	1561	rBV2	132182	136148	5.31%	0.349%
30	11.292	1561	1565	1570	rVB	184712	193741	7.56%	0.497%
31	11.398	1579	1583	1585	rBV	459177	465165	18.15%	1.194%
32	11.427	1585	1588	1591	rVV	2113558	1875950	73.19%	4.815%
33	11.474	1591	1596	1599	rVV	730823	595348	23.23%	1.528%
34	11.604	1615	1618	1620	rBV2	73181	77160	3.01%	0.198%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.627	1620	1622	1625	rVV	171622	153566	5.99%	0.394%
36	11.680	1628	1631	1636	rVV2	80783	136894	5.34%	0.351%
37	11.727	1636	1639	1644	rVV3	82183	88942	3.47%	0.228%
38	11.780	1644	1648	1651	rVV	838920	676357	26.39%	1.736%
39	11.898	1663	1668	1670	rBV	327332	308733	12.05%	0.792%
40	11.927	1670	1673	1676	rVB	427932	381218	14.87%	0.978%
41	11.974	1677	1681	1684	rBV	165979	140820	5.49%	0.361%
42	12.010	1684	1687	1690	rVV2	533508	611870	23.87%	1.570%
43	12.033	1690	1691	1694	rVB	220435	120467	4.70%	0.309%
44	12.086	1695	1700	1702	rBV3	67698	83064	3.24%	0.213%
45	12.192	1715	1718	1720	rVV	220507	180265	7.03%	0.463%
46	12.221	1720	1723	1725	rVB2	100676	84044	3.28%	0.216%
47	12.445	1756	1761	1762	rBV	166337	158555	6.19%	0.407%
48	12.468	1762	1765	1767	rVV	1953500	2027000	79.09%	5.203%
49	12.492	1767	1769	1774	rVV2	1999304	1725320	67.32%	4.428%
50	12.539	1774	1777	1780	rVV2	137093	173530	6.77%	0.445%
51	12.574	1780	1783	1786	rVV	342065	289963	11.31%	0.744%
52	12.621	1786	1791	1794	rVV	2327664	2366087	92.32%	6.073%
53	12.657	1794	1797	1798	rVV	78067	80818	3.15%	0.207%
54	12.674	1798	1800	1803	rVV2	89170	95371	3.72%	0.245%
55	12.704	1803	1805	1808	rVV	87650	90544	3.53%	0.232%
56	12.763	1808	1815	1819	rVV4	113131	213098	8.31%	0.547%
57	12.851	1821	1830	1834	rVV2	2028997	2562990	100.00%	6.578%
58	12.892	1834	1837	1841	rVB2	110801	135661	5.29%	0.348%
59	12.980	1849	1852	1854	rVB	612014	478117	18.65%	1.227%
60	12.998	1854	1855	1859	rVB	113414	98345	3.84%	0.252%
61	13.057	1860	1865	1869	rBV2	189353	322920	12.60%	0.829%
62	13.145	1876	1880	1881	rBV4	144154	191645	7.48%	0.492%
63	13.168	1881	1884	1887	rVB2	460943	453369	17.69%	1.164%
64	13.233	1892	1895	1898	rVB	359304	315258	12.30%	0.809%
65	13.274	1898	1902	1904	rBV2	270928	267571	10.44%	0.687%
66	13.362	1914	1917	1920	rBV	135611	123222	4.81%	0.316%
67	13.398	1920	1923	1926	rBV	160789	154289	6.02%	0.396%
68	13.545	1945	1948	1950	rBV3	66206	80228	3.13%	0.206%
69	13.674	1967	1970	1975	rVB	146866	174332	6.80%	0.447%
70	13.786	1984	1989	1992	rBV3	206713	272771	10.64%	0.700%
71	13.815	1992	1994	1996	rVV	253995	207334	8.09%	0.532%

LSC Area Percent Report

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Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.839	1996	1998	2002	rVV2	205557	285396	11.14%	0.733%
73	13.886	2004	2006	2009	rVB	134744	117309	4.58%	0.301%
74	13.957	2015	2018	2023	rVB2	58551	80609	3.15%	0.207%
75	14.033	2024	2031	2035	rBV3	1329257	2007772	78.34%	5.153%
76	14.068	2035	2037	2044	rVV	1181731	1040890	40.61%	2.672%
77	14.145	2048	2050	2054	rVV	241375	222855	8.70%	0.572%
78	14.186	2054	2057	2061	rVV4	121276	179039	6.99%	0.460%
79	14.262	2066	2070	2073	rVV2	118553	171936	6.71%	0.441%
80	14.368	2083	2088	2089	rVV4	46349	77109	3.01%	0.198%
81	14.386	2089	2091	2093	rVV	87210	88304	3.45%	0.227%
82	14.421	2093	2097	2100	rVV	253916	336344	13.12%	0.863%
83	14.457	2100	2103	2107	rVV	161992	190703	7.44%	0.489%
84	14.498	2107	2110	2111	rVV3	83013	107822	4.21%	0.277%
85	14.521	2111	2114	2116	rVV	139974	175250	6.84%	0.450%
86	14.551	2116	2119	2120	rVV	172220	177709	6.93%	0.456%
87	14.568	2120	2122	2126	rVV	195693	216156	8.43%	0.555%
88	14.621	2126	2131	2137	rVB4	89562	163501	6.38%	0.420%
89	14.921	2179	2182	2189	rVB2	102432	148407	5.79%	0.381%
90	15.092	2205	2211	2214	rBV	772475	1386605	54.10%	3.559%
91	15.192	2225	2228	2232	rVB	178014	187282	7.31%	0.481%
92	15.392	2258	2262	2268	rVB	435932	607597	23.71%	1.559%
93	15.462	2268	2274	2278	rBV	697707	907101	35.39%	2.328%
94	15.521	2279	2284	2286	rVV	288995	389071	15.18%	0.999%
95	15.551	2286	2289	2295	rVB2	207433	282787	11.03%	0.726%
96	16.086	2377	2380	2389	rVB	69912	118824	4.64%	0.305%
97	17.003	2530	2536	2543	rVB2	235279	459491	17.93%	1.179%
98	17.180	2562	2566	2571	rVB	51885	83914	3.27%	0.215%
99	17.456	2607	2613	2622	rVB2	173472	360628	14.07%	0.926%
100	17.692	2648	2653	2662	rVB	53512	108107	4.22%	0.277%

Sum of corrected areas: 38961898

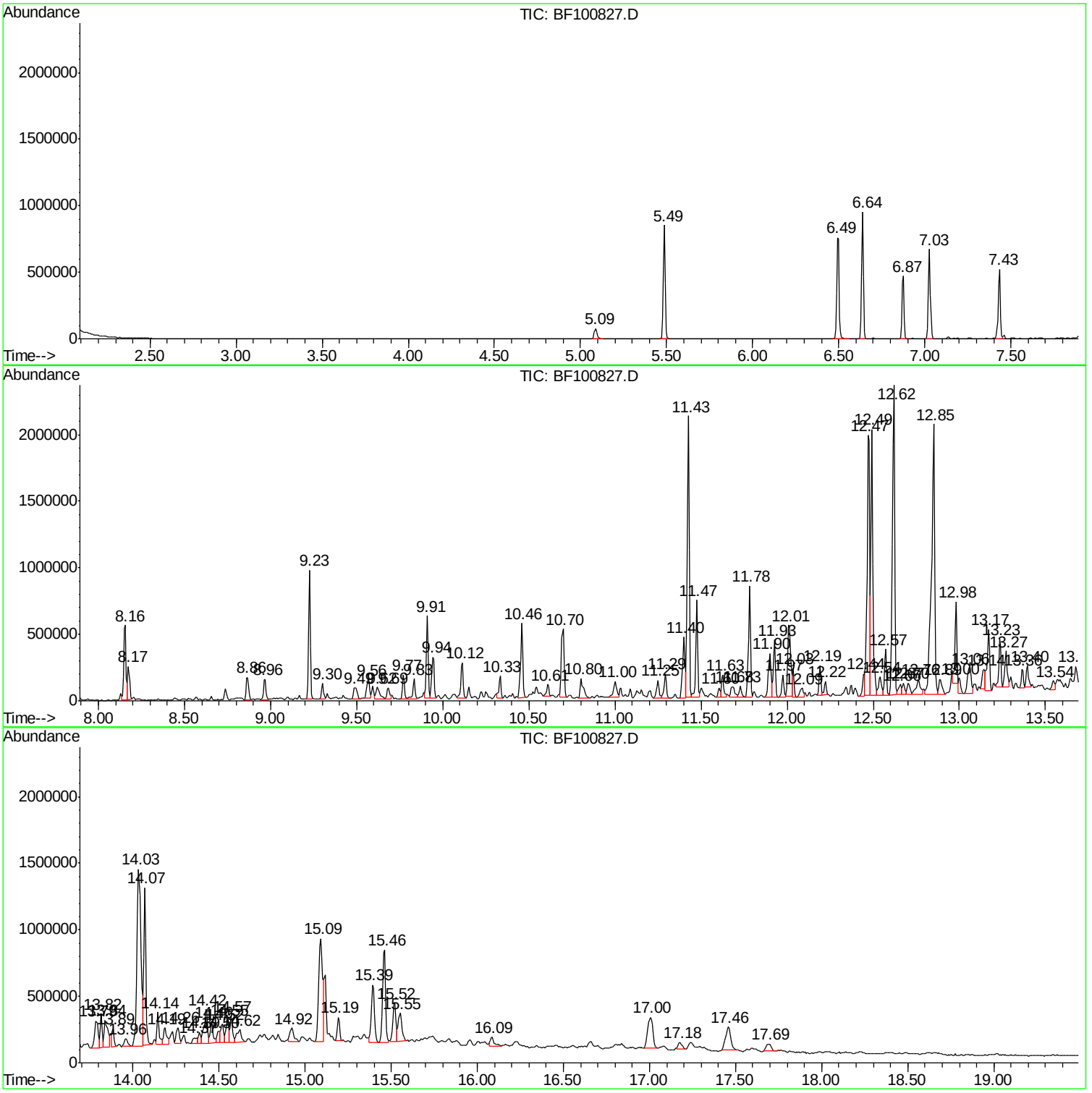
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

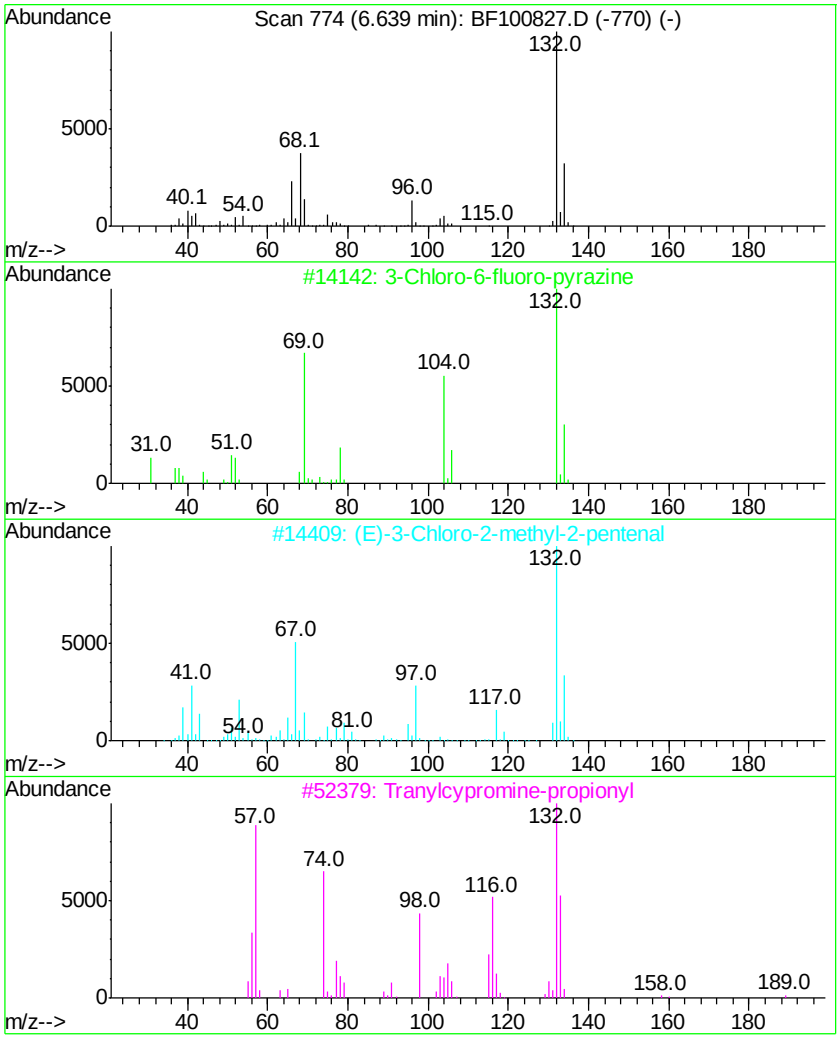
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

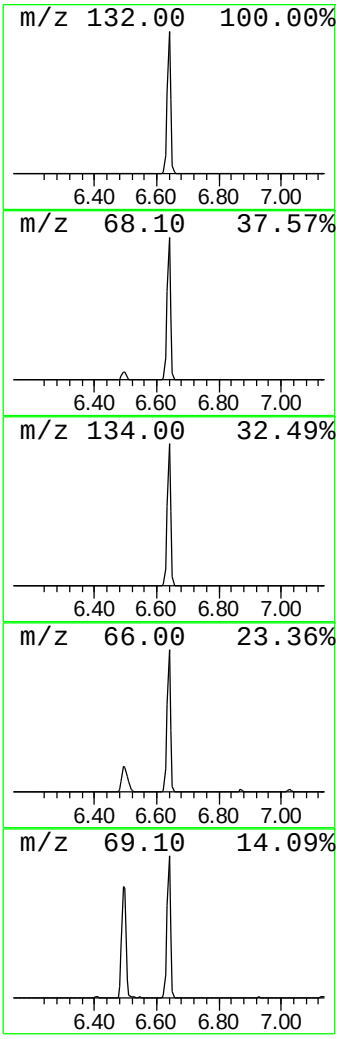
****

Peak Number 1 unknown6.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	38.01 ng	768484	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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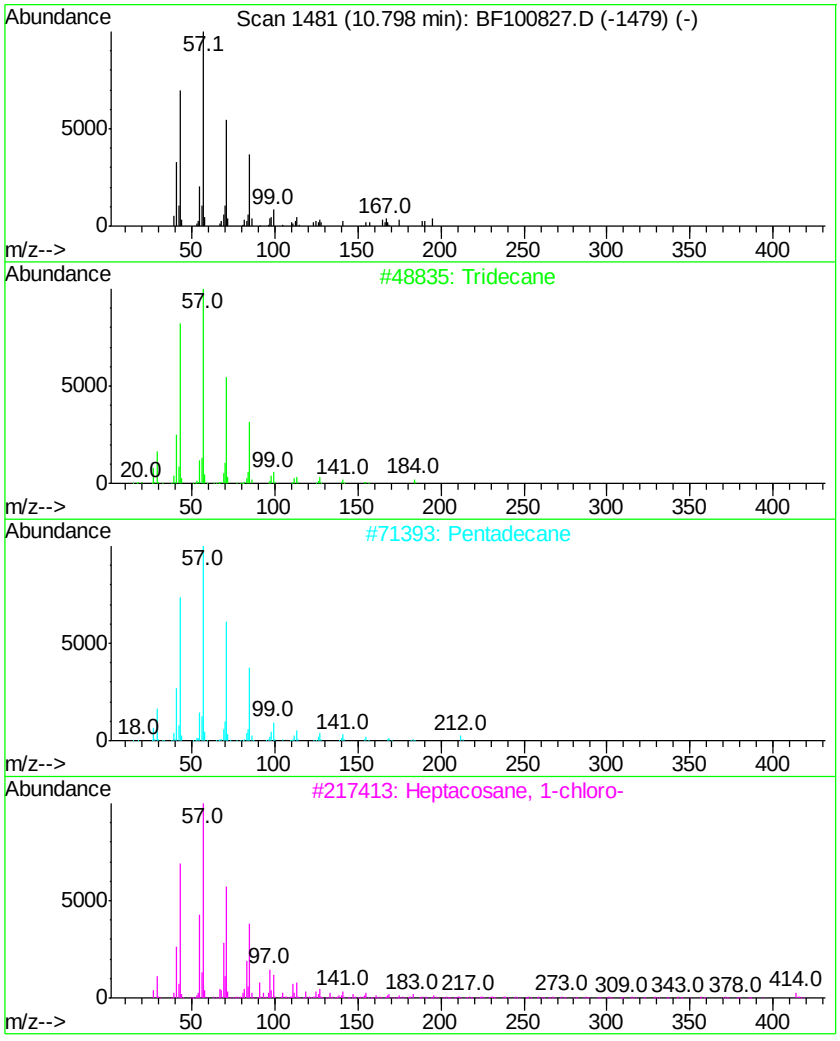
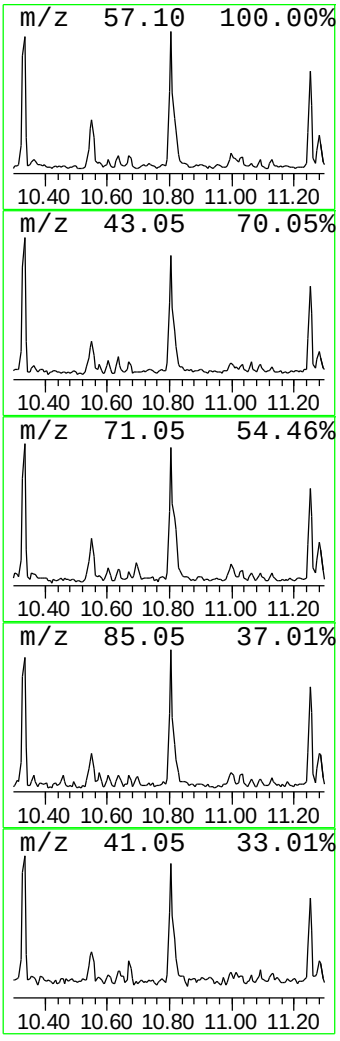
Peak Number 3 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.61 ng	200181	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Pentadecane	212	C15H32	000629-62-9	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
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Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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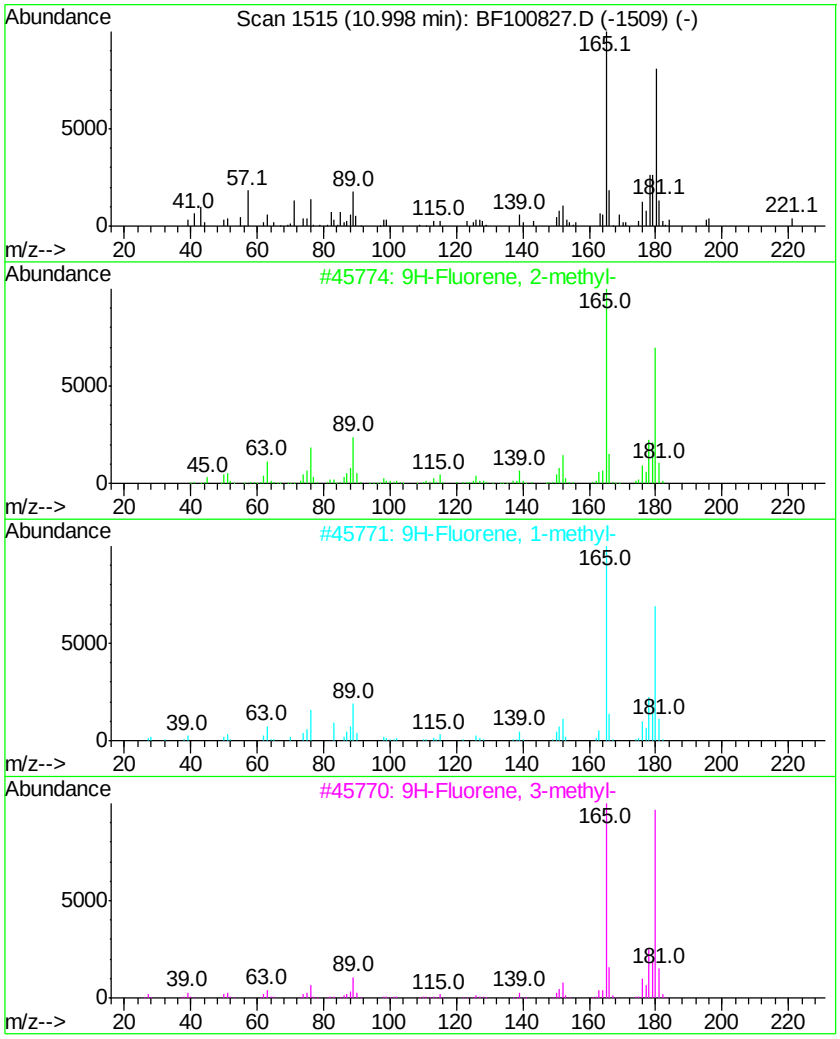
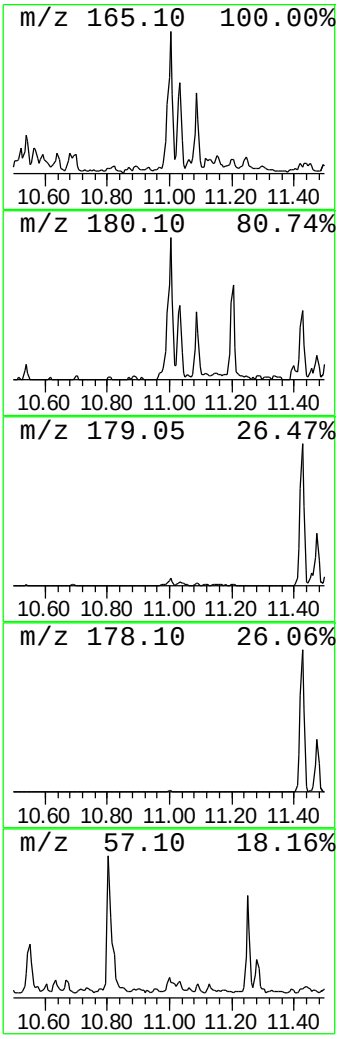
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	6.76 ng	157124	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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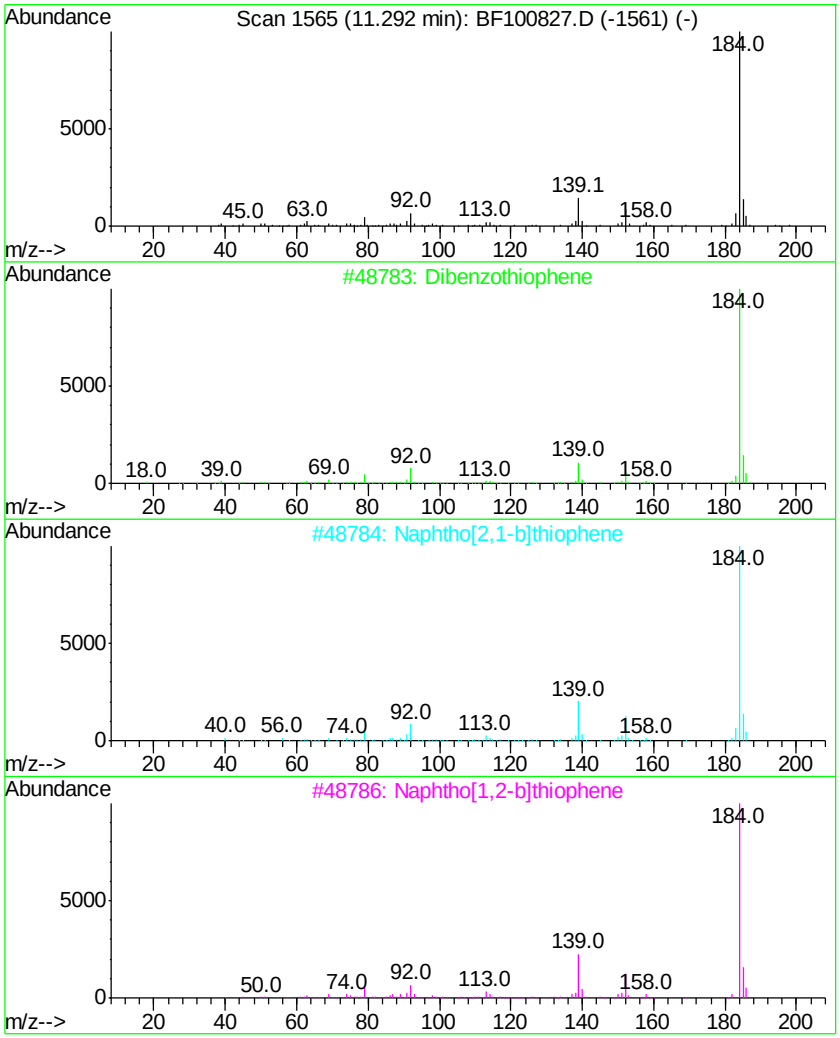
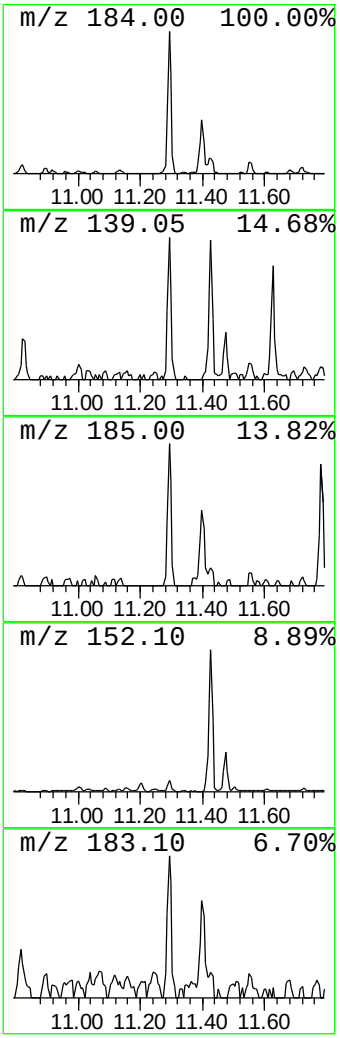
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.33 ng	193741	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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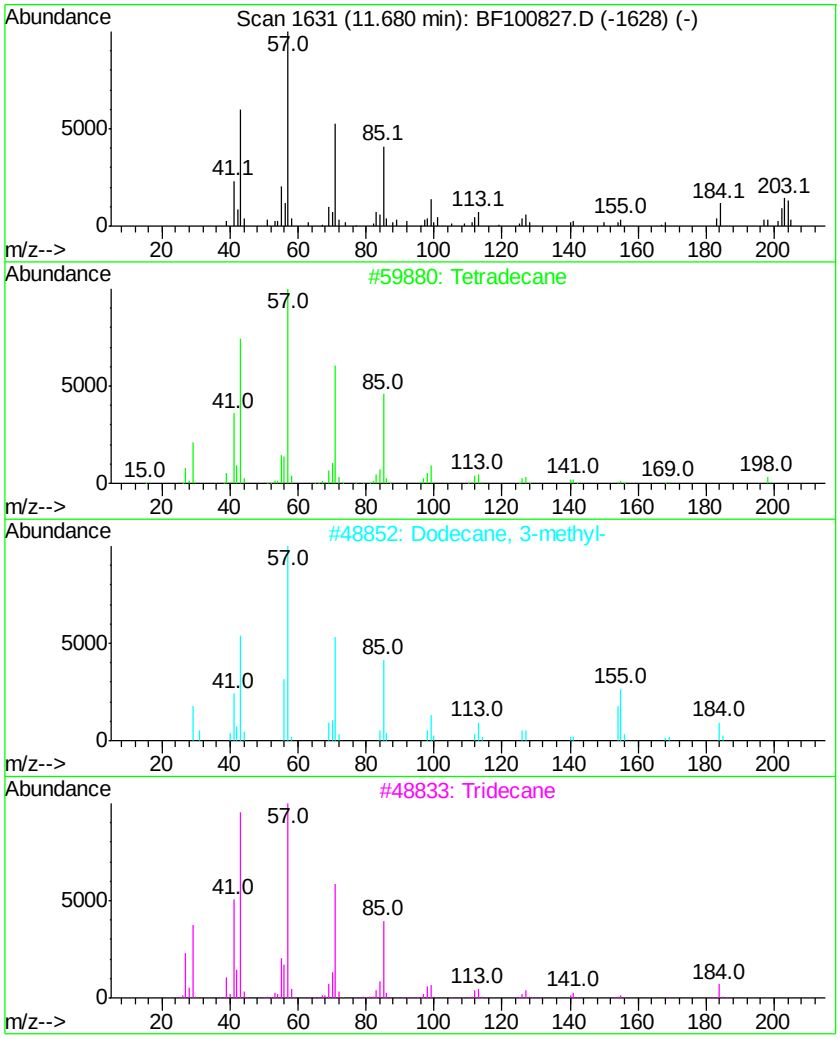
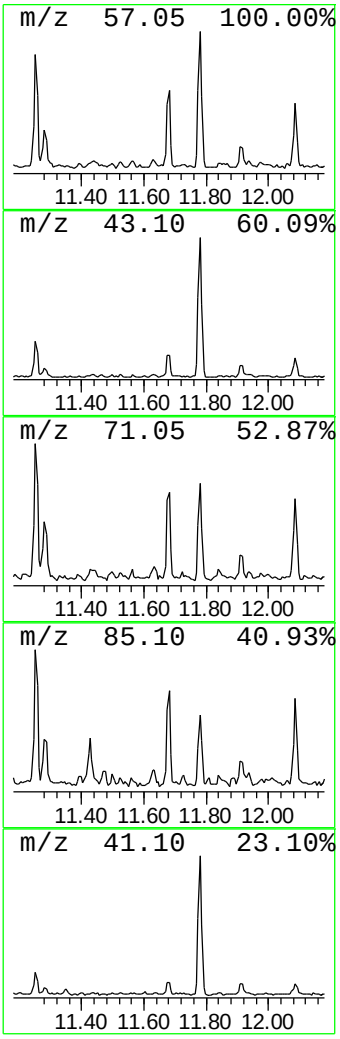
Peak Number 6 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.89 ng	136894	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	89
3	Tridecane	184	C13H28	000629-50-5	68
4	Heptadecane	240	C17H36	000629-78-7	62
5	Octacosane	394	C28H58	000630-02-4	62





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Data File : BF100827.D
Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

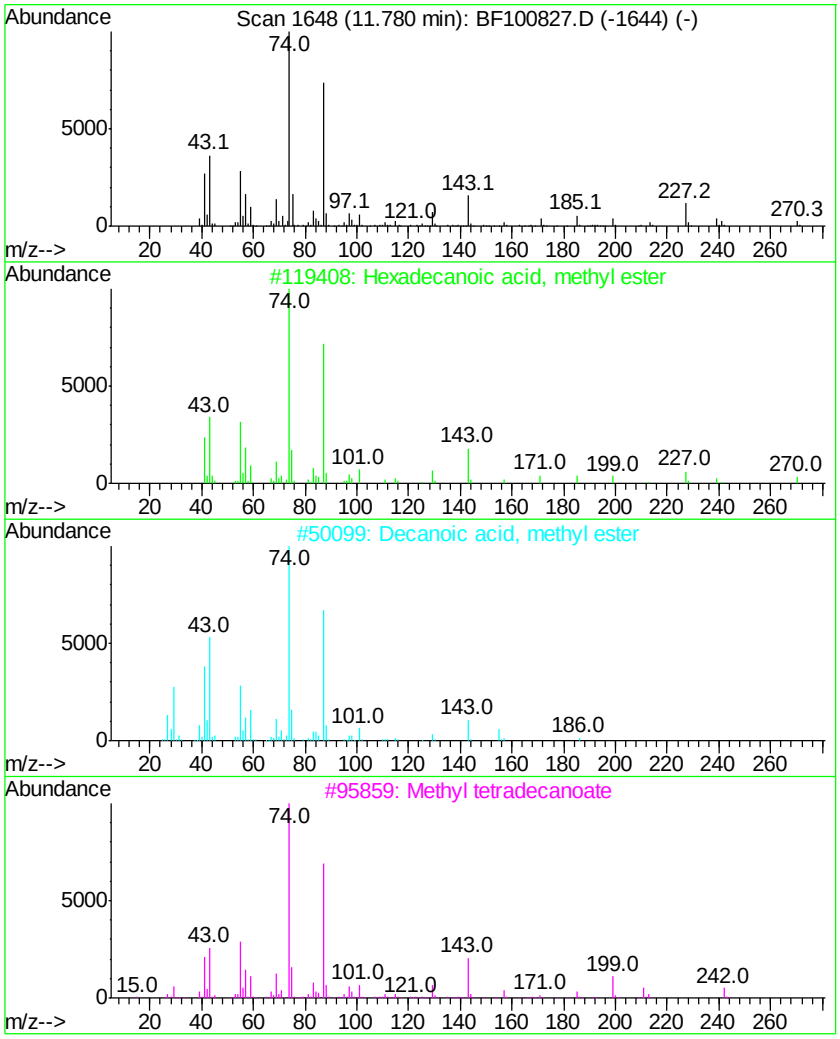
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

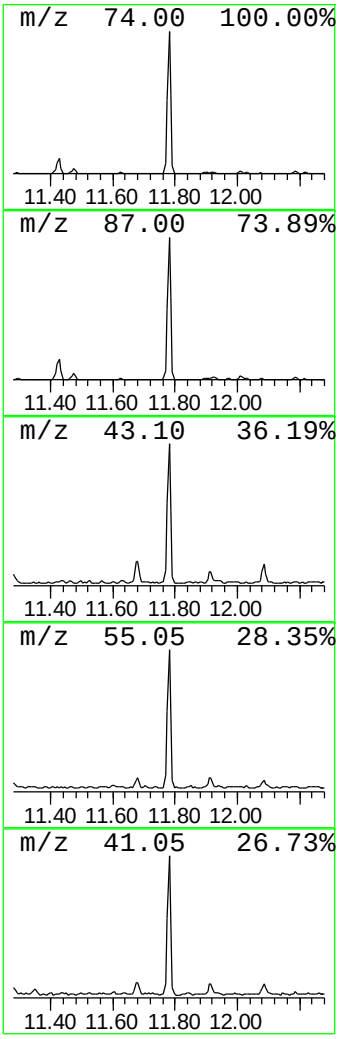
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	29.08 ng	676357	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





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Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

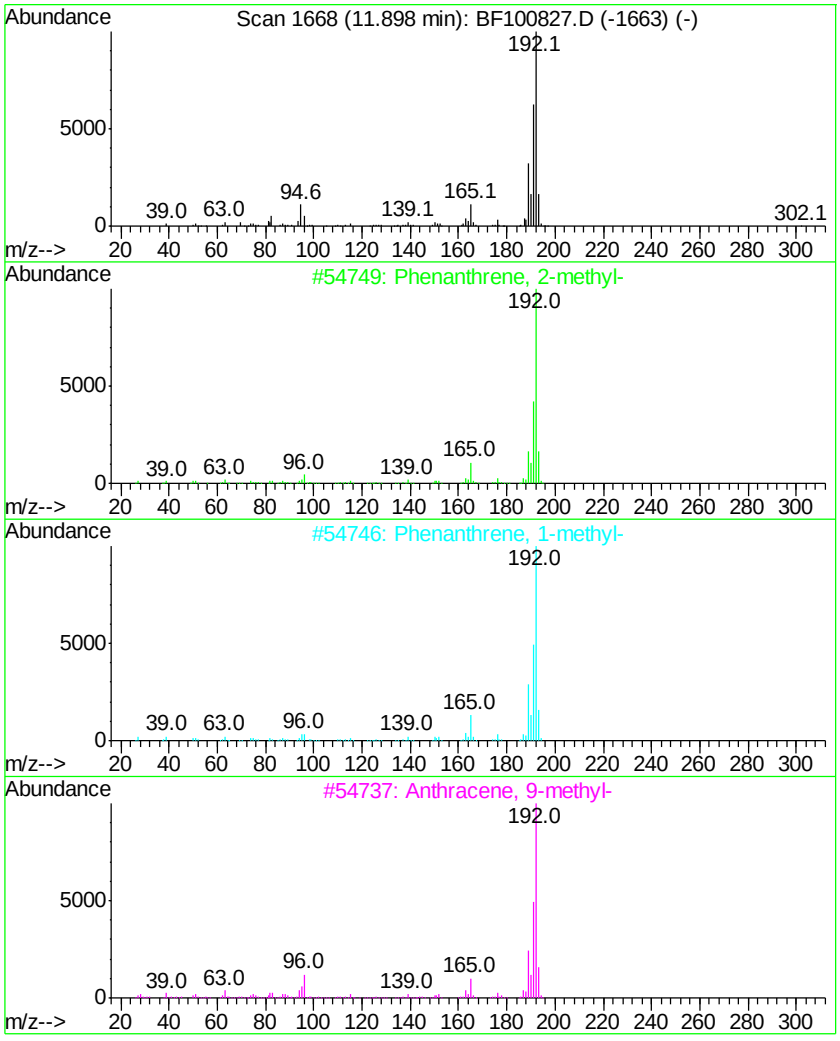
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

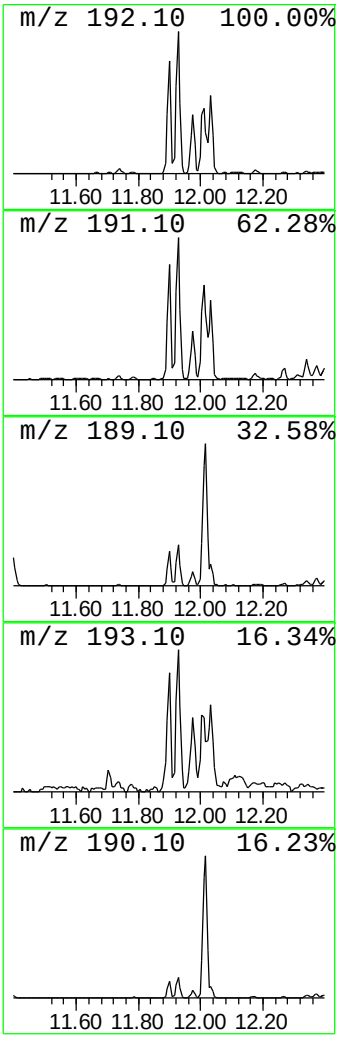
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.27 ng	308733	Phenanthrene-d10	11.40

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, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

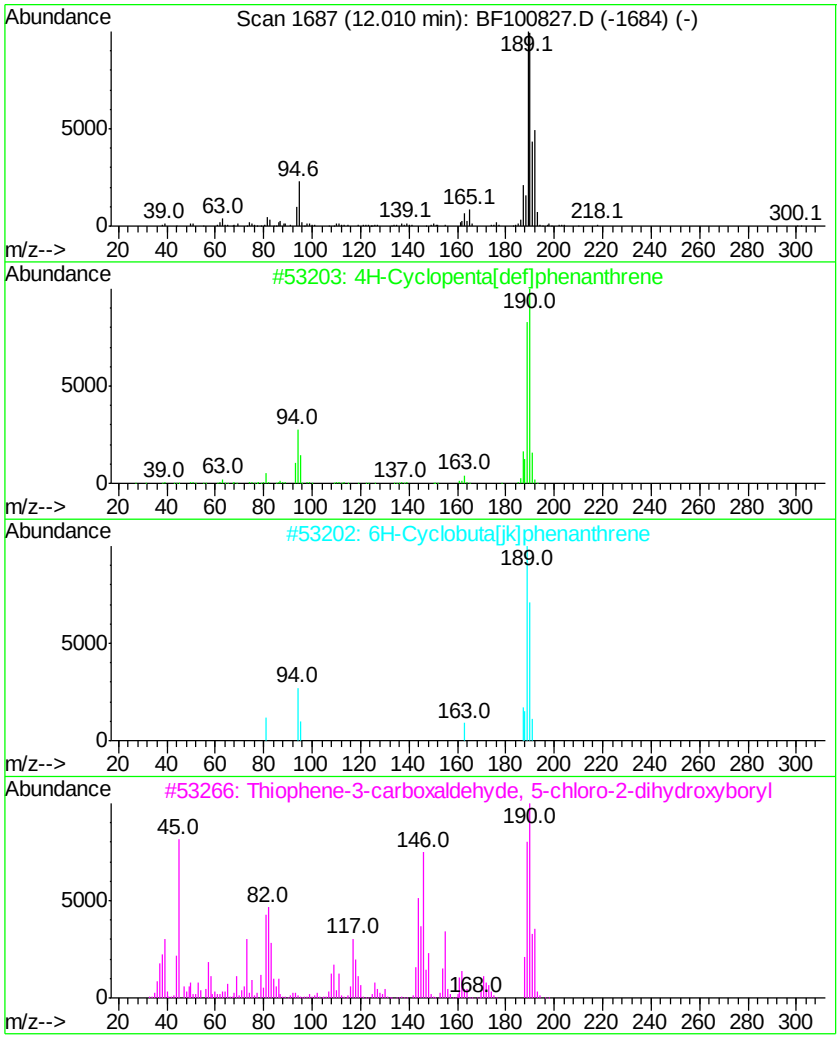
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

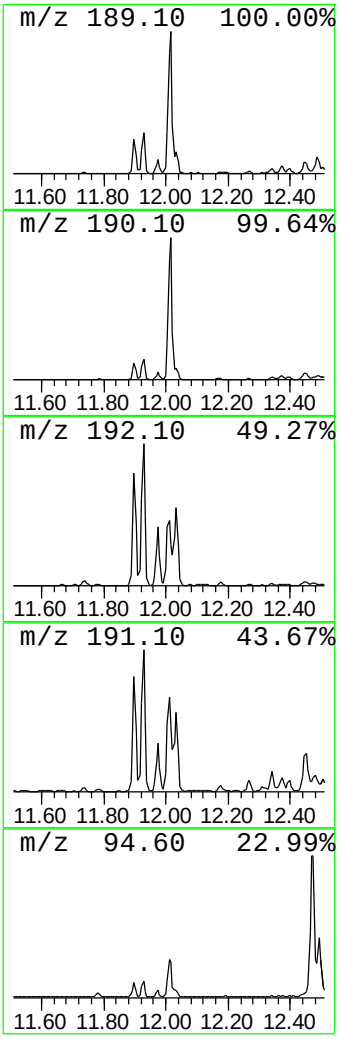
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	26.31 ng	611870	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Acq On : 22 Nov 2017 15:33
Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

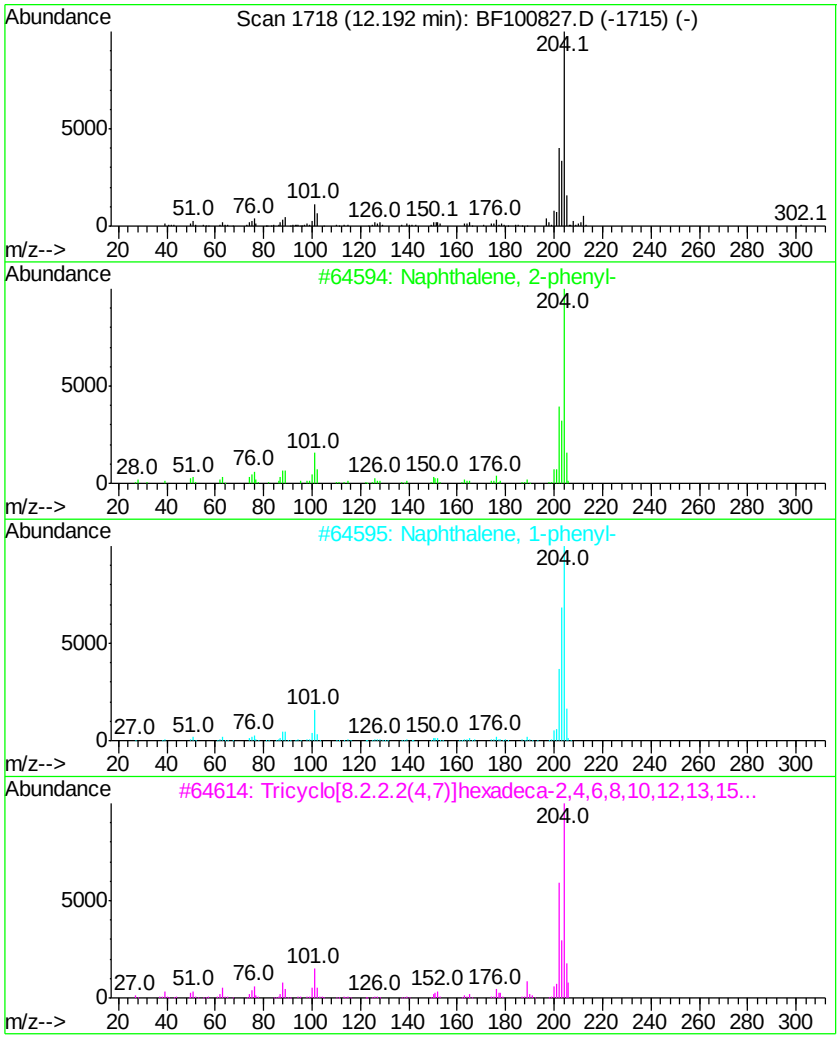
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

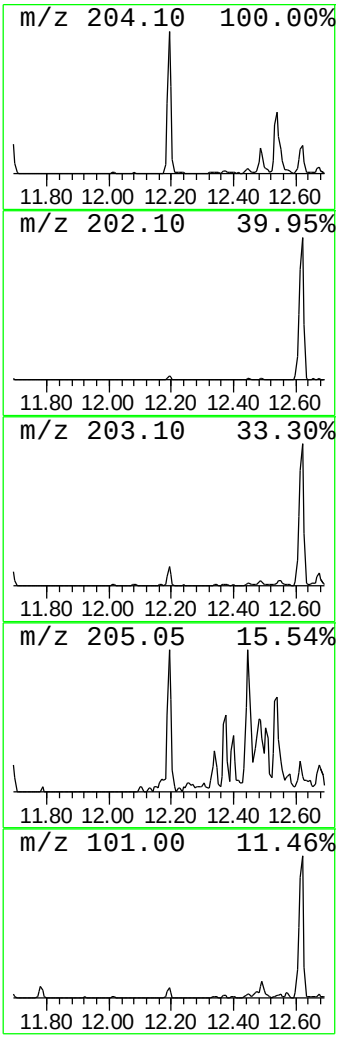
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	7.75 ng	180265	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	50
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

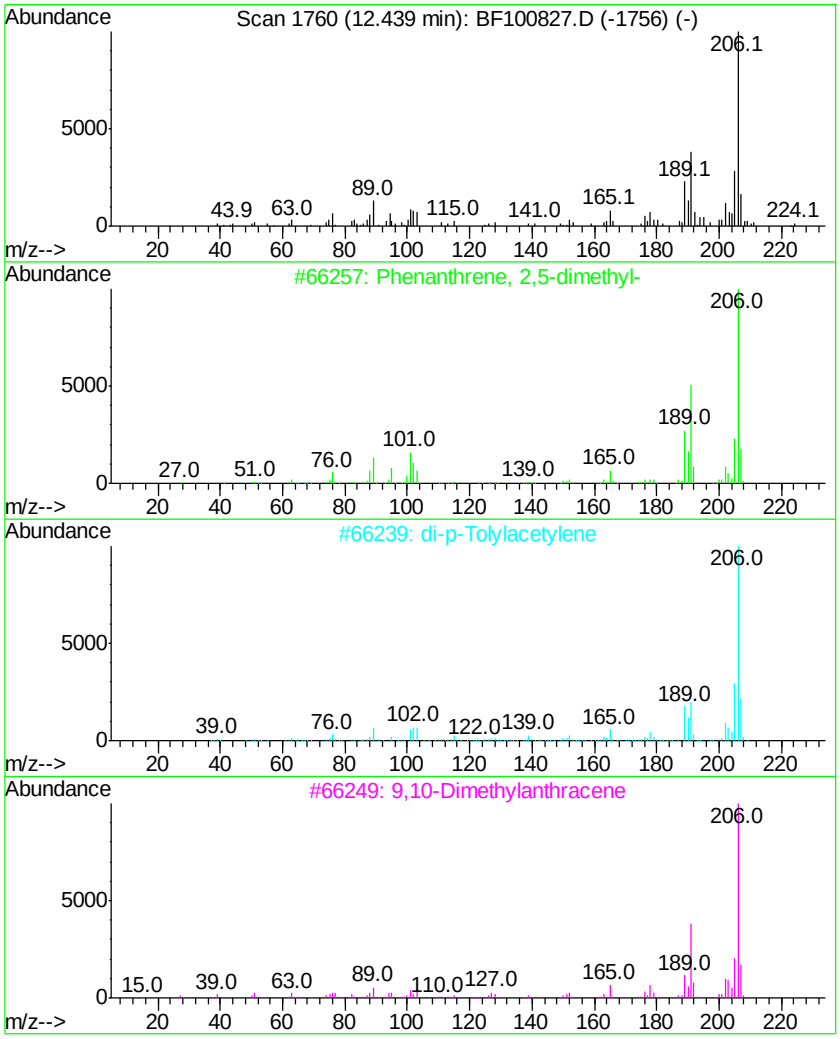
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

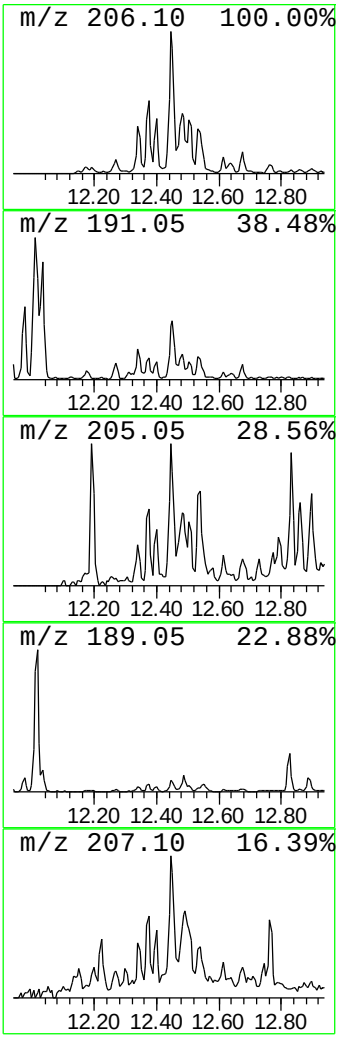
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	6.82 ng	158555	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

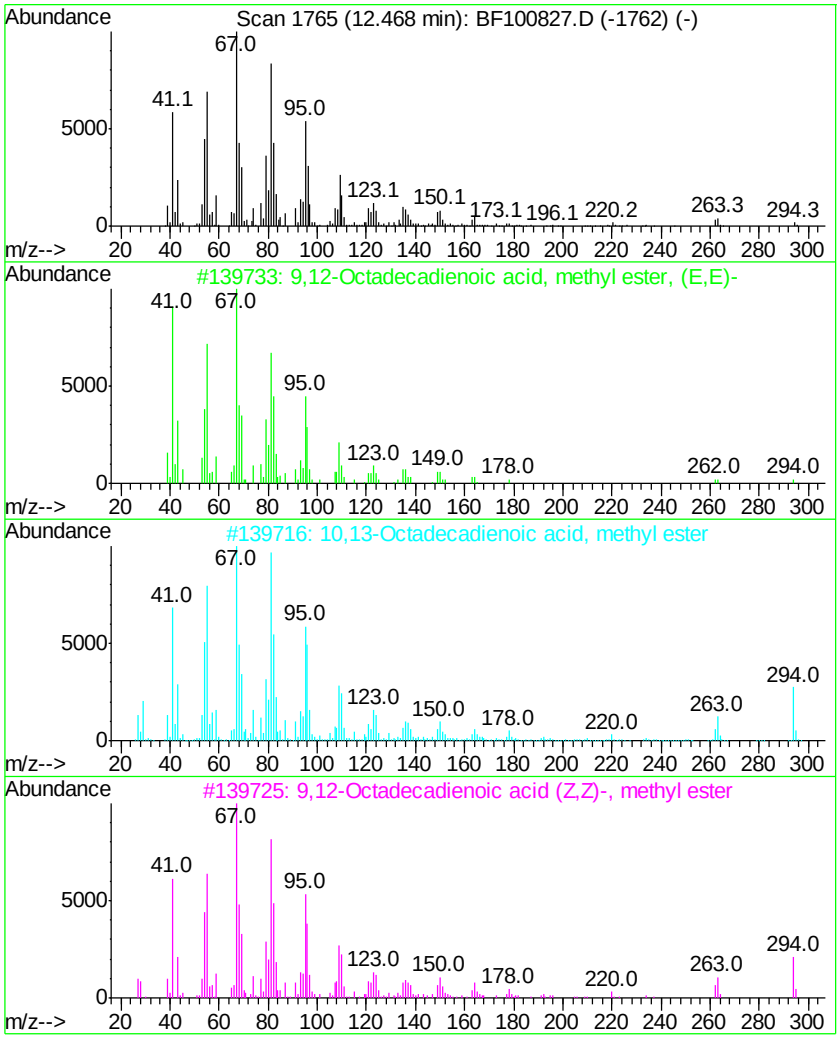
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

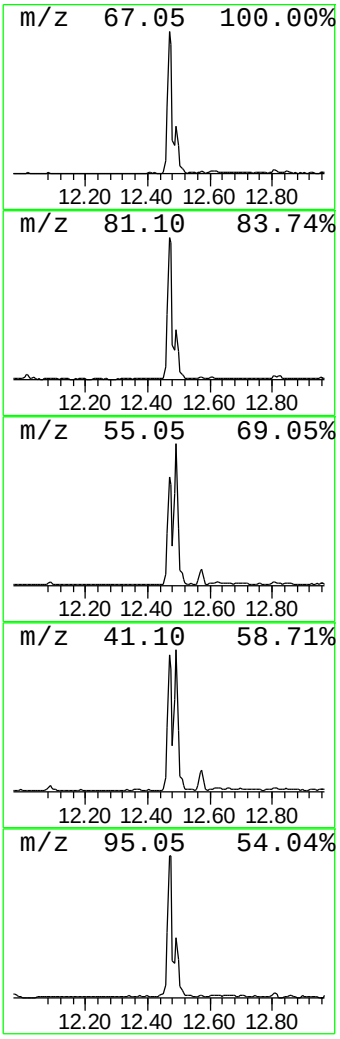
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	87.15 ng	2027000	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Operator : SJ/JU
Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

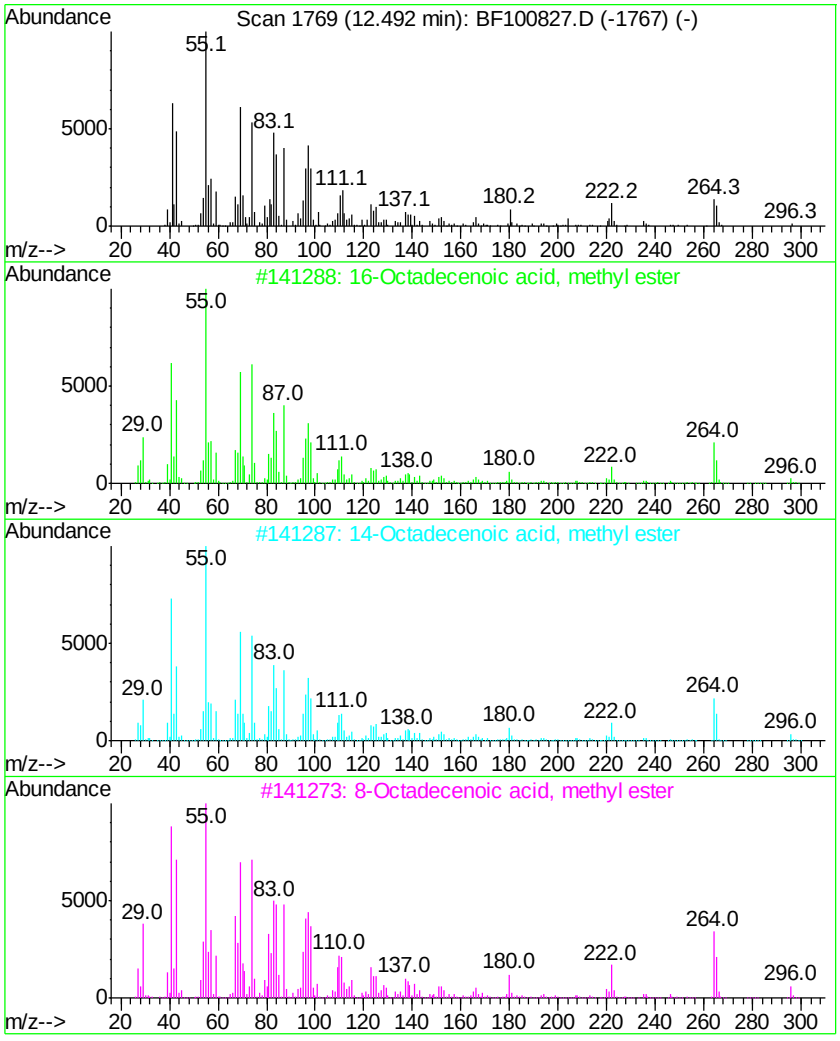
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

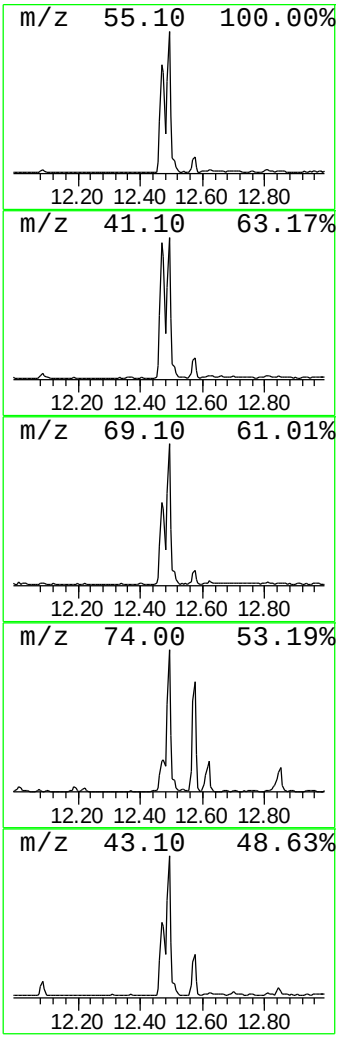
****

Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	74.18 ng	1725320	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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Sample : I6305-15 2X
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

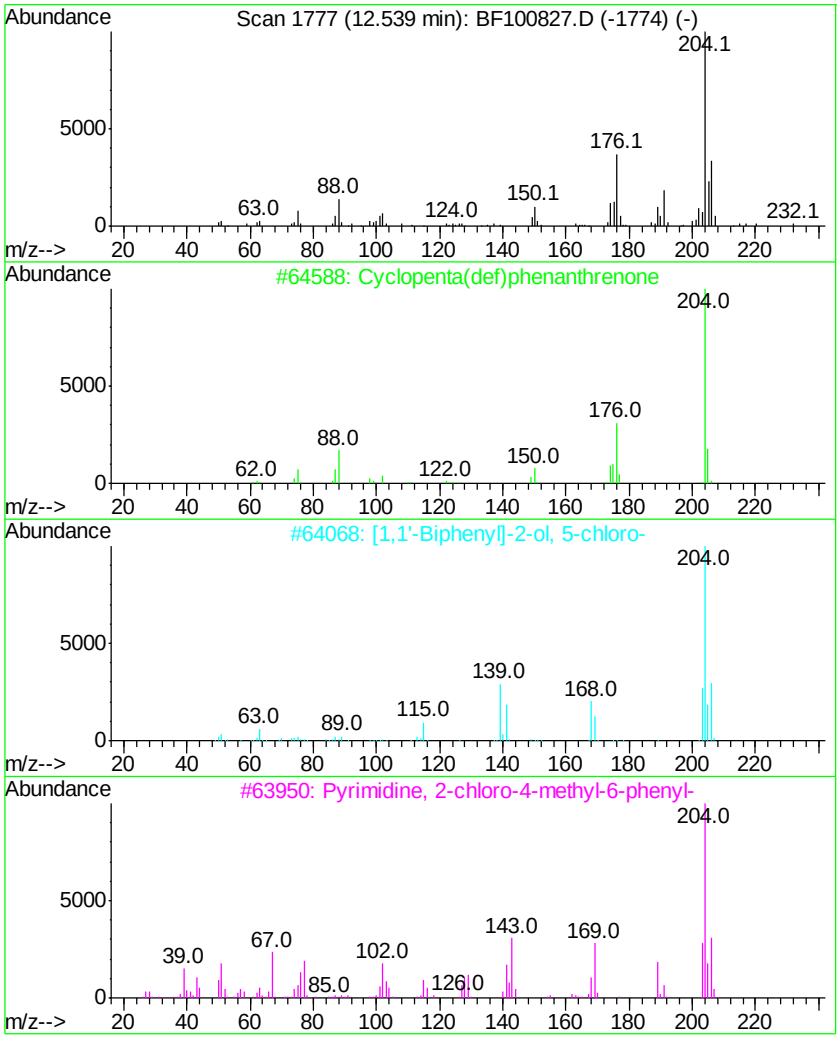
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

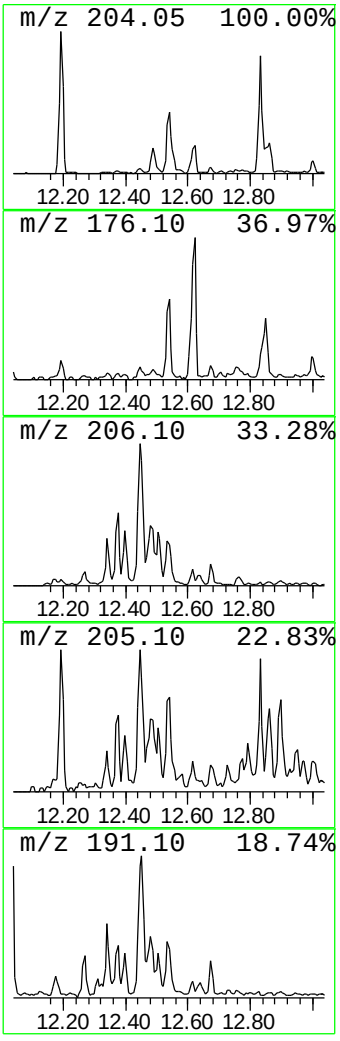
****

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.46 ng	173530	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-112017-C

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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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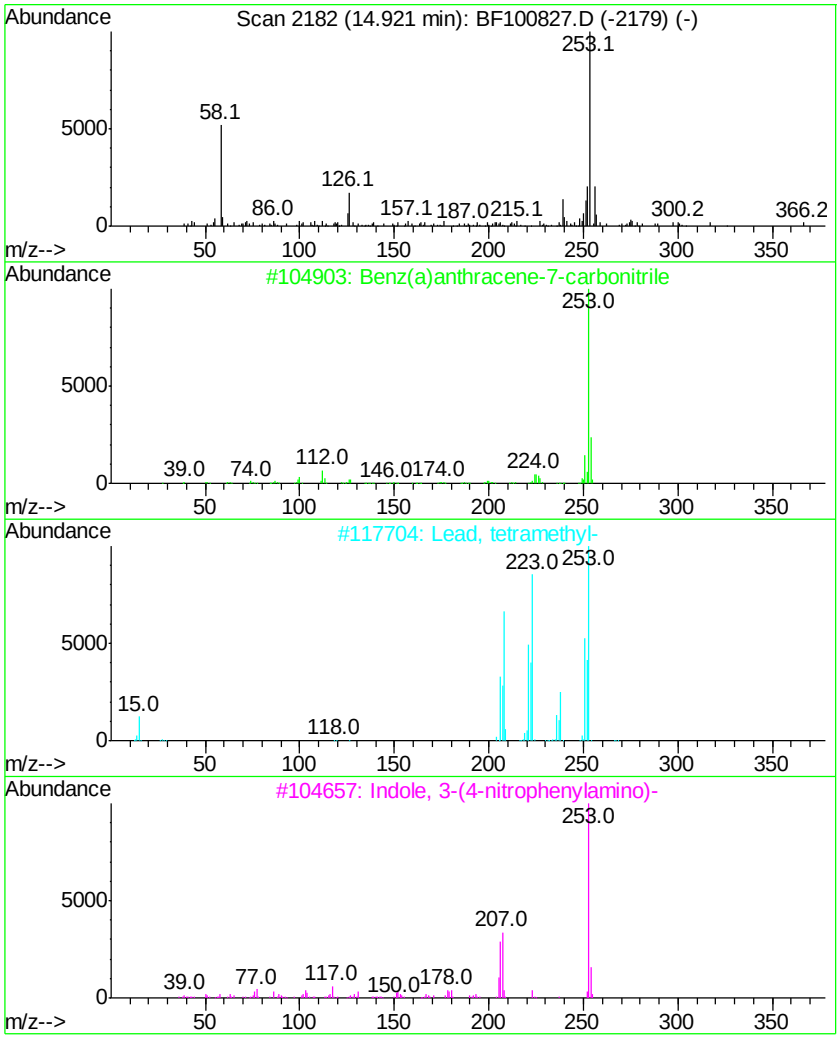
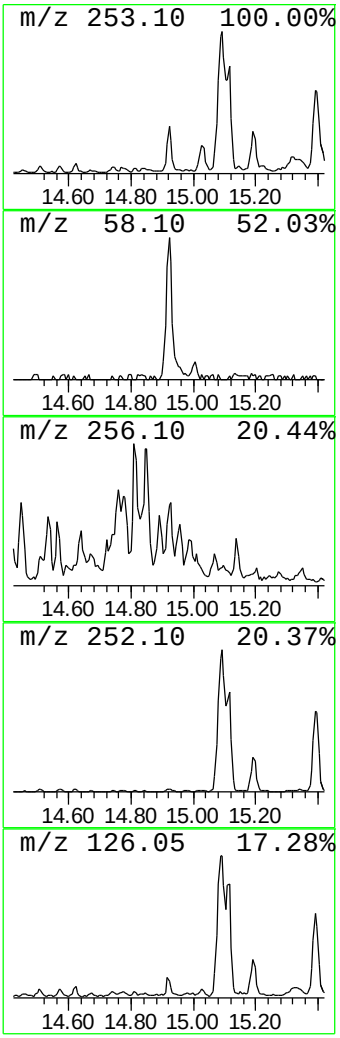
Peak Number 17 unknown14.92 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.63 ng	148407	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	16
2	Lead, tetramethyl-	268	C4H12Pb	000075-74-1	16
3	Indole, 3-(4-nitrophenylamino)-	253	C14H11N3O2	167954-19-0	12
4	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	10
5	O-[n-Propylcarbamoyl]-3-exo-dime...	267	C14H25N3O2	1000211-95-3	10





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Sample : I6305-15 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

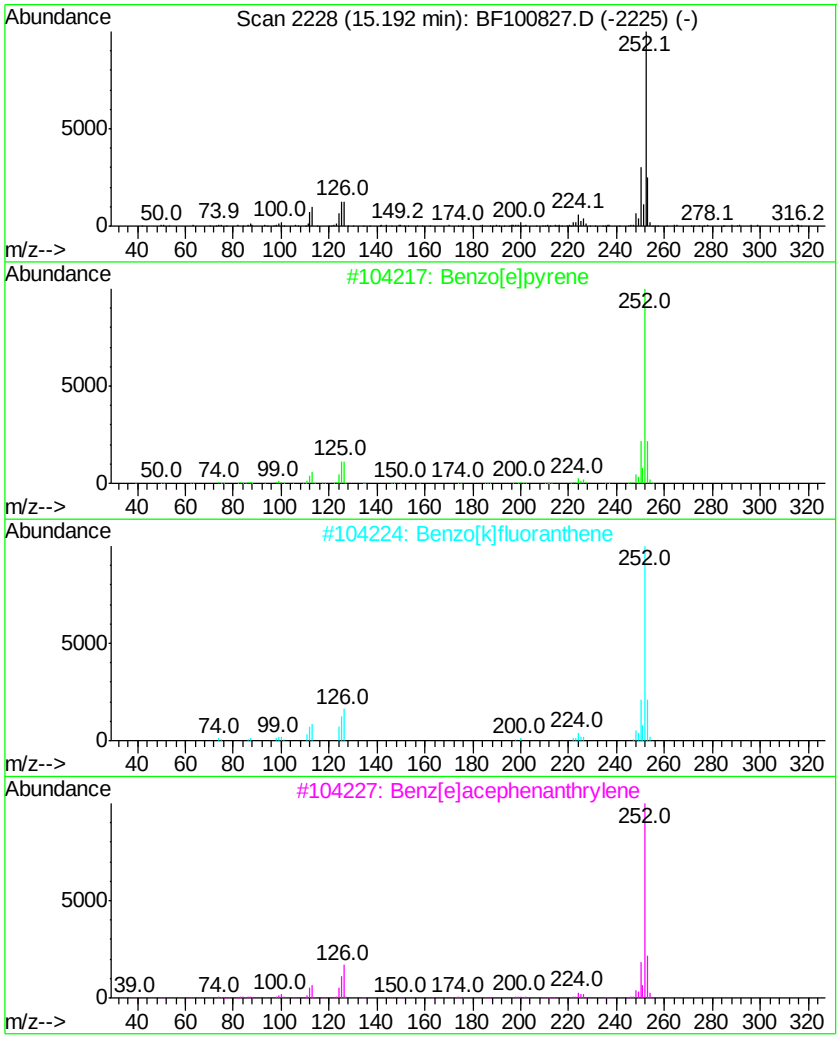
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

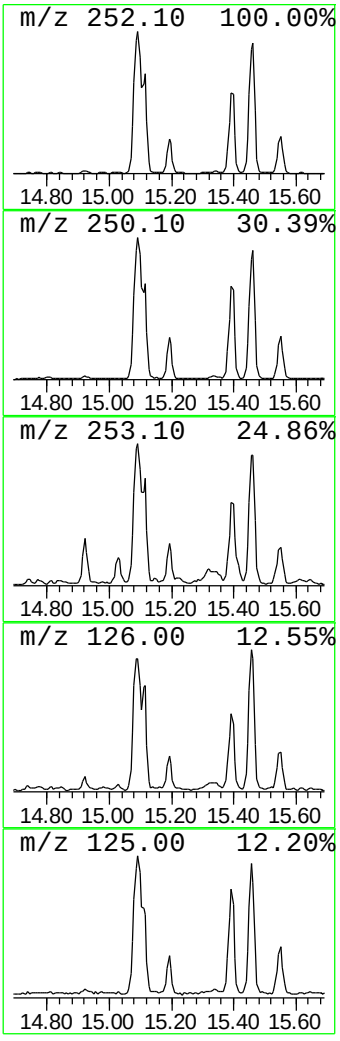
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.63 ng	187282	Perylene-d12	15.52

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	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	81





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-112017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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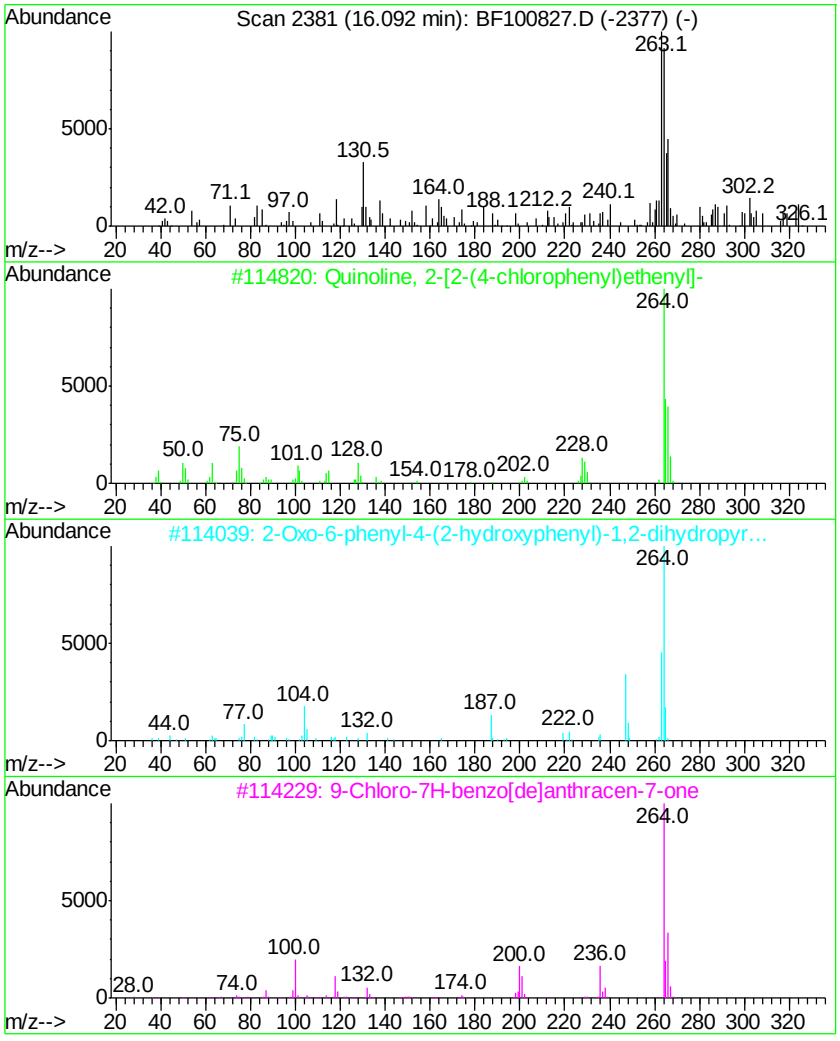
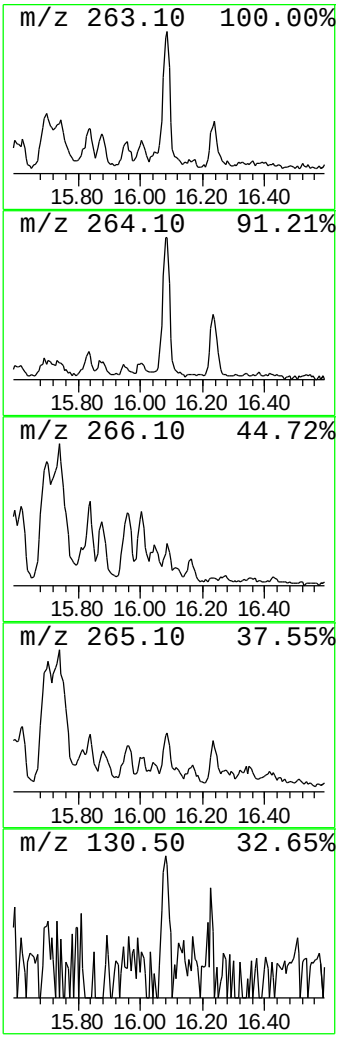
Peak Number 20 unknown16.09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.11 ng	118824	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-[2-(4-chlorophenyl)...	265	C17H12ClN	005392-19-8	27
2	2-Oxo-6-phenyl-4-(2-hydroxyphenyl...	264	C16H12N2O2	017432-82-5	25
3	9-Chloro-7H-benzo[de]anthracen-7...	264	C17H9ClO	024092-47-5	22
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	18
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	17





Tentatively Identified Compound (LSC) summary

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Data File : BF100827.D
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Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.64	6.64	38.0	ng	768484	1	6.87	404389	20.0
Tridecane	10.80	8.6	ng	200181	4	11.40	465165	20.0
9H-Fluorene, 2-me...	11.00	6.8	ng	157124	4	11.40	465165	20.0
Dibenzothiophene	11.29	8.3	ng	193741	4	11.40	465165	20.0
Tetradecane	11.68	5.9	ng	136894	4	11.40	465165	20.0
Hexadecanoic acid...	11.78	29.1	ng	676357	4	11.40	465165	20.0
Phenanthrene, 2-m...	11.90	13.3	ng	308733	4	11.40	465165	20.0
4H-Cyclopenta[def...	12.01	26.3	ng	611870	4	11.40	465165	20.0
Naphthalene, 2-ph...	12.19	7.8	ng	180265	4	11.40	465165	20.0
Phenanthrene, 2,5...	12.44	6.8	ng	158555	4	11.40	465165	20.0
9,12-Octadecadien...	12.47	87.2	ng	2027000	4	11.40	465165	20.0
16-Octadecenoic a...	12.49	74.2	ng	1725320	4	11.40	465165	20.0
Cyclopenta(def)ph...	12.54	7.5	ng	173530	4	11.40	465165	20.0
unknown14.92	14.92	7.6	ng	148407	6	15.52	389071	20.0
Benzo[e]pyrene	15.19	9.6	ng	187282	6	15.52	389071	20.0
unknown16.09	16.09	6.1	ng	118824	6	15.52	389071	20.0