LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

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-BF072517.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	1.899	16	19	34	rVB	127406	241104	10.96%	0.779%
2	4.534	464	467	485	rBV	114325	201342	9.15%	0.651%
3	5.004	544	547	566	rBV	1646198	2000181	90.92%	6.466%
4	6.081	727	730	744	rBV	1918875	2200009	100.00%	7.112%
5	6.187	744	748	758	rVV	2021365	2053288	93.33%	6.637%
6	6.410	783	786	795	rBV	662978	605465	27.52%	1.957%
7	6.563	809	812	823	rBV	1501690	1515562	68.89%	4.899%
8	6.981	880	883	891	rBV	1278908	1355835	61.63%	4.383%
9	7.692	1001	1004	1016	rBV	1039317	970921	44.13%	3.139%
10	8.769	1183	1187	1191	rBV	1939457	1912049	86.91%	6.181%
11	8.875	1199	1205	1208	rVB2	36942	38937	1.77%	0.126%
12	9.104	1241	1244	1247	rBV	33020	34176	1.55%	0.110%
13	9.175	1253	1256	1260	rBV	260291	240062	10.91%	0.776%
14	9.398	1287	1294	1296	rBV	43764	45403	2.06%	0.147%
15	9.433	1296	1300	1303	rVV2	918199	845458	38.43%	2.733%
16	9.469	1303	1306	1311	rVB	238284	214576	9.75%	0.694%
17	9.645	1330	1336	1340	rBV	66719	72431	3.29%	0.234%
18	9.892	1375	1378	1381	rVB	76168	58722	2.67%	0.190%
19	9.980	1390	1393	1397	rBV	103055	88040	4.00%	0.285%
20	10.110	1410	1415	1418	rBV3	39610	53924	2.45%	0.174%
21	10.139	1418	1420	1426	rVB3	26907	34889	1.59%	0.113%
22	10.222	1431	1434	1440	rBV	844221	794407	36.11%	2.568%
23	10.363	1455	1458	1464	rBV	115660	161605	7.35%	0.522%
24	10.727	1517	1520	1524	rVB	40177	38993	1.77%	0.126%
25	10.804	1530	1533	1536	rVV	103279	96861	4.40%	0.313%
26	10.910	1547	1551	1553	rBV	673786	671167	30.51%	2.170%
27	10.933	1553	1555	1559	rVV	941523	739745	33.62%	2.391%
28	10.986	1559	1564	1568	rVB	220881	207786	9.44%	0.672%
29	11.151	1587	1592	1595	rBV2	81707	86845	3.95%	0.281%
30	11.233	1603	1606	1609	rBV2	32628	39095	1.78%	0.126%
31	11.410	1632	1636	1638	rBV	119458	98394	4.47%	0.318%
32	11.439	1638	1641	1644	rVV	143774	133077	6.05%	0.430%
33	11.469	1644	1646	1648	rVV	89032	84248	3.83%	0.272%
34	11.486	1648	1649	1651	rVV	63823	36693	1.67%	0.119%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : TEC-WW

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.516	1651	1654	1657	rVV	189065	186617	8.48%	0.603%
36	11.539	1657	1658	1665	rVB2	74870	64212	2.92%	0.208%
37	11.633	1671	1674	1680	rVB3	30569	40423	1.84%	0.131%
38	11.704	1683	1686	1690	rVV	89876	77554	3.53%	0.251%
39	11.745	1690	1693	1696	rVB	63854	64336	2.92%	0.208%
40	11.851	1706	1711	1714	rBV2	35846	41248	1.87%	0.133%
41	11.886	1714	1717	1719	rVV	34494	36963	1.68%	0.119%
42	11.957	1726	1729	1732	rVV	79065	80321	3.65%	0.260%
43	11.992	1732	1735	1737	rVV3	38338	47290	2.15%	0.153%
44	12.016	1737	1739	1741	rVV2	40219	40911	1.86%	0.132%
45	12.051	1741	1745	1747	rVB2	56070	60655	2.76%	0.196%
46	12.116	1752	1756	1760	rBV	1136235	1060981	48.23%	3.430%
47	12.263	1776	1781	1785	rBV3	55506	61796	2.81%	0.200%
48	12.339	1789	1794	1797	rVV	959060	1073481	48.79%	3.470%
49	12.392	1800	1803	1808	rVB2	54778	72486	3.29%	0.234%
50	12.463	1812	1815	1816	rBV2	67862	54394	2.47%	0.176%
51	12.492	1816	1820	1827	rVB	1337360	1377349	62.61%	4.452%
52	12.563	1827	1832	1836	rBV2	69398	115721	5.26%	0.374%
53	12.645	1843	1846	1847	rBV2	53675	46364	2.11%	0.150%
54	12.669	1847	1850	1854	rVB2	153365	163085	7.41%	0.527%
55	12.733	1858	1861	1864	rBV	107175	94681	4.30%	0.306%
56	12.769	1864	1867	1869	rBV	95139	101048	4.59%	0.327%
57	12.863	1880	1883	1886	rBV	50397	41114	1.87%	0.133%
58	12.892	1886	1888	1898	rVB4	53429	73018	3.32%	0.236%
59	13.063	1912	1917	1918	rBV3	30088	34189	1.55%	0.111%
60	13.186	1935	1938	1941	rVB	83786	80172	3.64%	0.259%
61	13.286	1950	1955	1956	rBV2	102996	107903	4.90%	0.349%
62	13.304	1956	1958	1961	rVV	98306	106104	4.82%	0.343%
63	13.333	1961	1963	1965	rVV	88819	80336	3.65%	0.260%
64	13.357	1965	1967	1970	rVB2	54050	50162	2.28%	0.162%
65	13.392	1970	1973	1975	rBV	90889	84345	3.83%	0.273%
66	13.421	1975	1978	1990	rVB4	67850	183655	8.35%	0.594%
67	13.533	1990	1997	2000	rBV2	881647	1436157	65.28%	4.642%
68	13.557	2000	2001	2005	rVB	492982	379746	17.26%	1.228%
69	13.633	2010	2014	2017	rBV	112981	109100	4.96%	0.353%
70	13.692	2021	2024	2028	rVV3	36211	53888	2.45%	0.174%
71	13.739	2029	2032	2035	rVV2	51498	74276	3.38%	0.240%

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.768	2035	2037	2043	rVB	58676	62212	2.83%	0.201%
73	13.886	2054	2057	2059	rBV2	41243	49469	2.25%	0.160%
74	13.921	2059	2063	2066	rVV	113909	140497	6.39%	0.454%
75	13.951	2066	2068	2071	rVB2	52788	49534	2.25%	0.160%
76	13.998	2071	2076	2077	rBV3	37298	48553	2.21%	0.157%
77	14.016	2077	2079	2081	rVV	46843	47945	2.18%	0.155%
78	14.045	2081	2084	2085	rVV3	55224	67419	3.06%	0.218%
79	14.063	2085	2087	2090	rVV	77969	82413	3.75%	0.266%
80	14.116	2094	2096	2102	rVB3	37941	45441	2.07%	0.147%
81	14.245	2113	2118	2123	rBV2	69640	90847	4.13%	0.294%
82	14.298	2123	2127	2136	rBV	846129	855857	38.90%	2.767%
83	14.398	2140	2144	2147	rVV2	70143	86466	3.93%	0.280%
84	14.445	2149	2152	2155	rVV4	25111	33188	1.51%	0.107%
85	14.527	2162	2166	2174	rVV	526563	881166	40.05%	2.848%
86	14.615	2178	2181	2185	rVB	101842	101101	4.60%	0.327%
87	14.768	2204	2207	2213	rVB	283347	293832	13.36%	0.950%
88	14.821	2213	2216	2221	rVV	404669	427103	19.41%	1.381%
89	14.874	2221	2225	2227	rVV	434669	492587	22.39%	1.592%
90	14.898	2227	2229	2236	rVB2	120744	167339	7.61%	0.541%
91	15.139	2266	2270	2273	rBV6	23044	33613	1.53%	0.109%
92	15.333	2299	2303	2311	rVB5	41826	96213	4.37%	0.311%
93	16.062	2421	2427	2432	rBV2	114648	198845	9.04%	0.643%
94	16.198	2443	2450	2454	rBV2	43430	89893	4.09%	0.291%
95	16.245	2455	2458	2465	rVB6	25280	53631	2.44%	0.173%
96	16.415	2481	2487	2496	rBV2	94646	179834	8.17%	0.581%
97	16.639	2517	2525	2534	rVB3	82787	204170	9.28%	0.660%
98	17.815	2719	2725	2737	rVB2	38533	131400	5.97%	0.425%
99	18.215	2786	2793	2799	rVB3	26052	62965	2.86%	0.204%
100	18.915	2904	2912	2913	rBV7	14282	34685	1.58%	0.112%

Sum of corrected areas: 30935589

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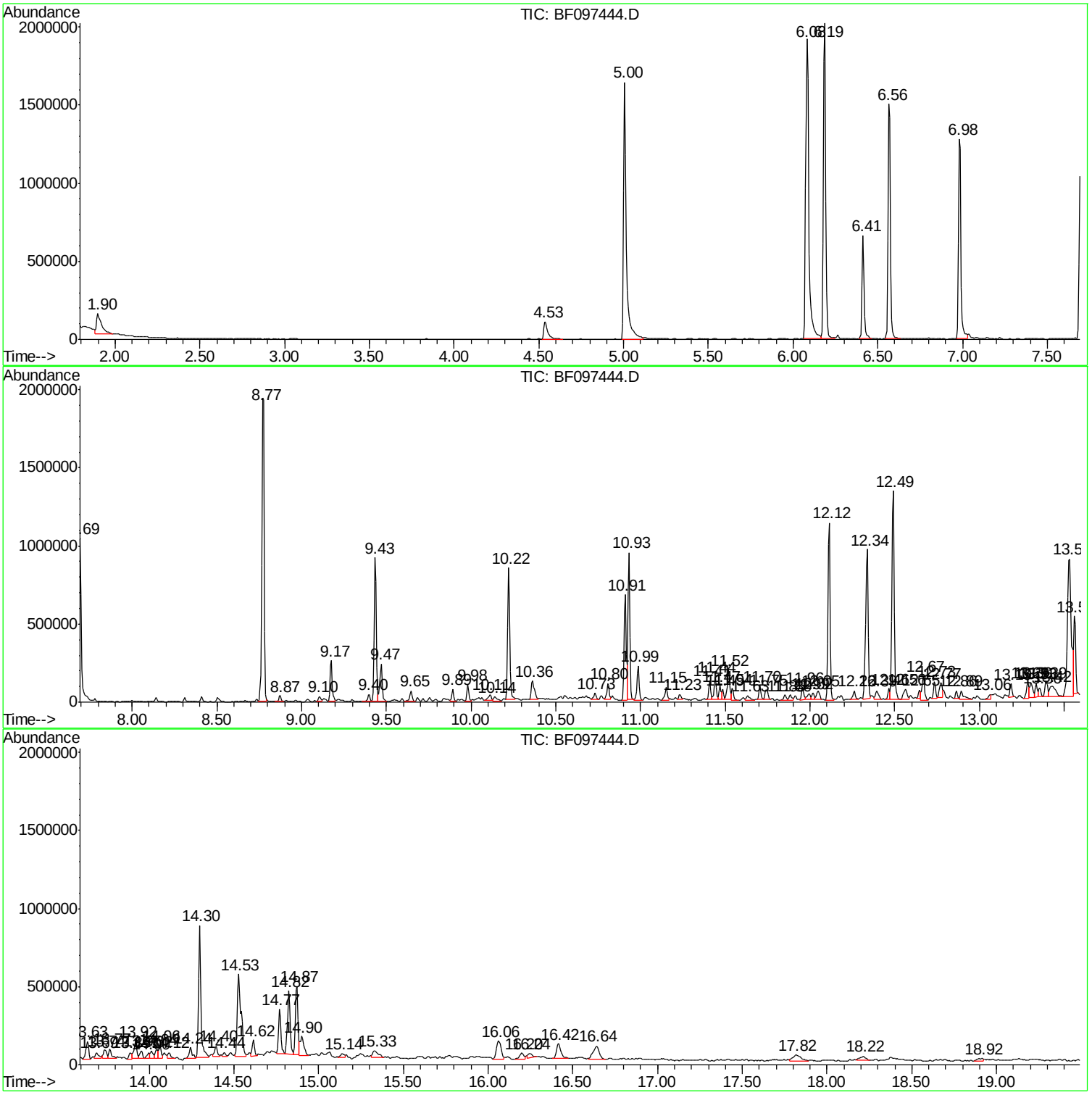
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

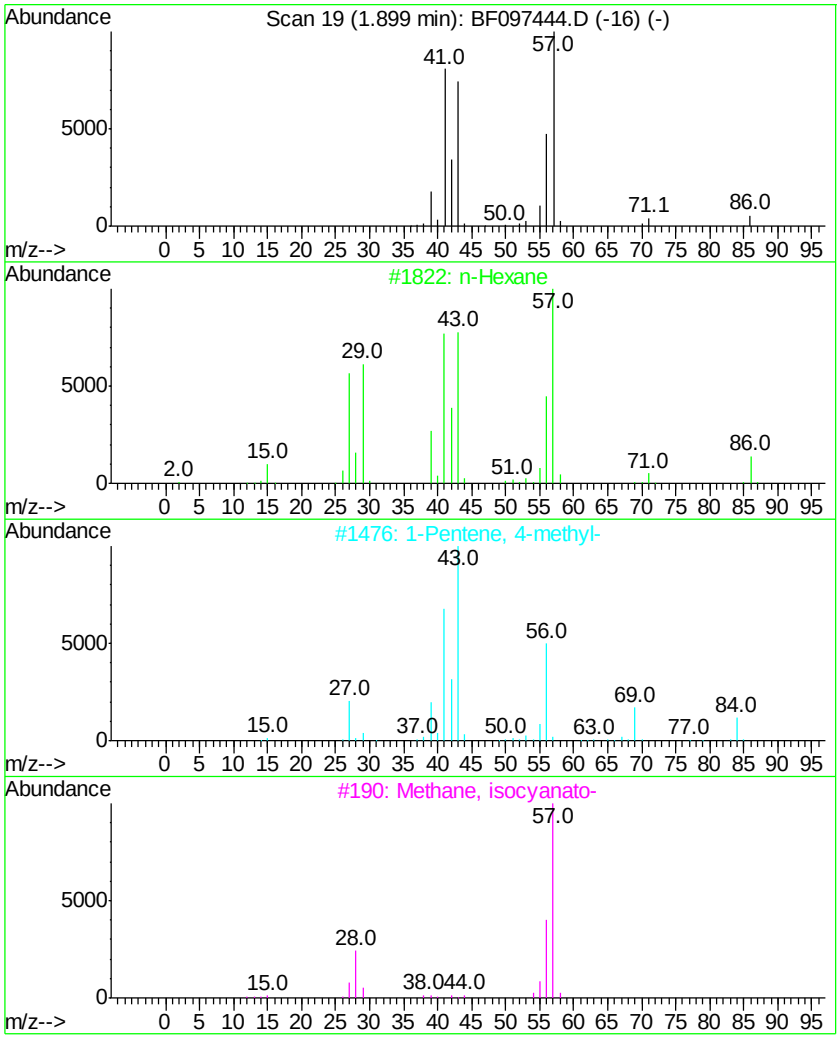
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

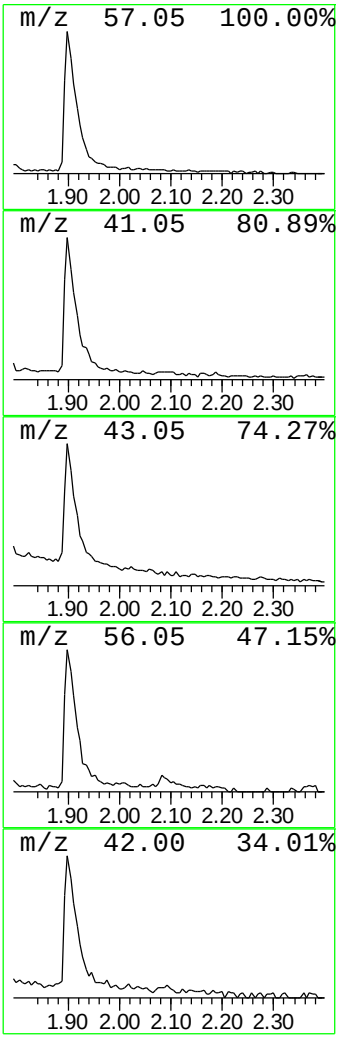
****

Peak Number 1 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	7.96 ng	241104	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42
3	Methane, isocyanato-	57	C2H3NO	000624-83-9	32
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	16
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	12





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Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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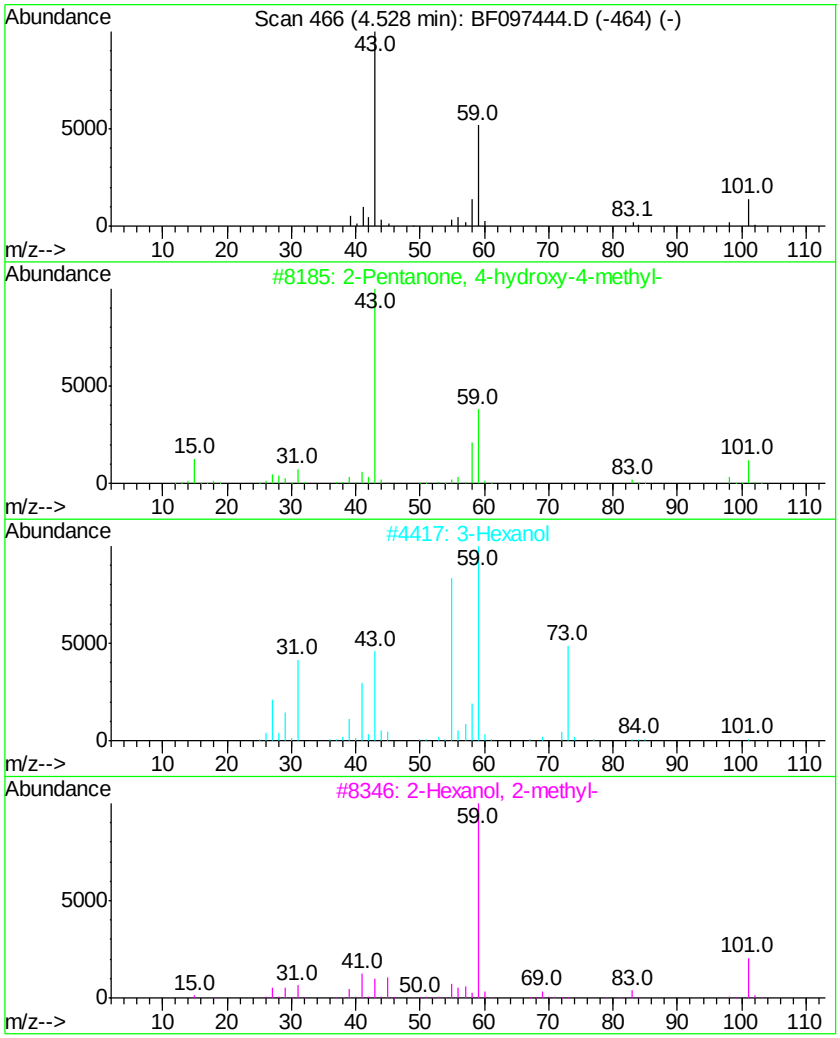
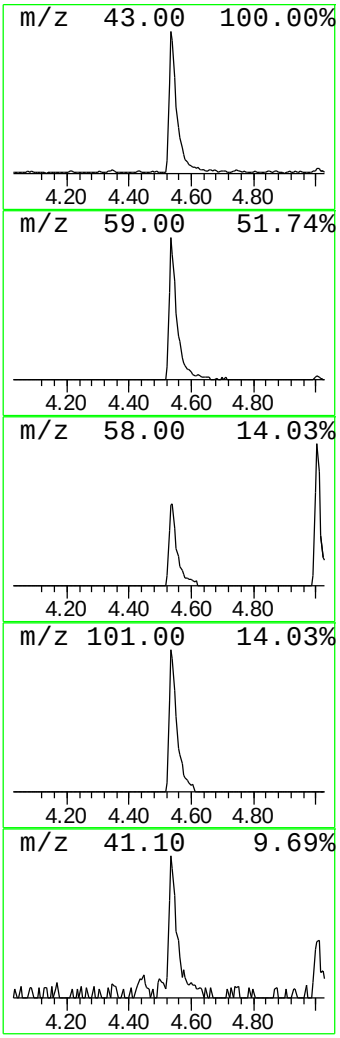
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	6.65 ng	201342	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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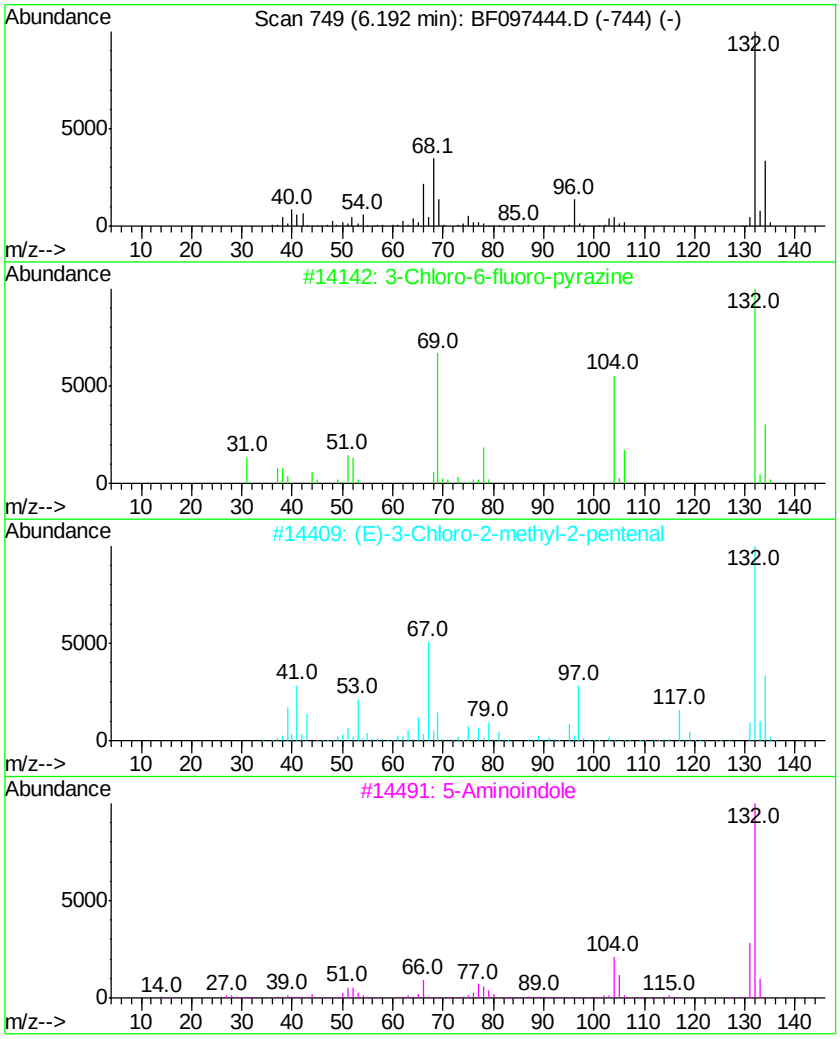
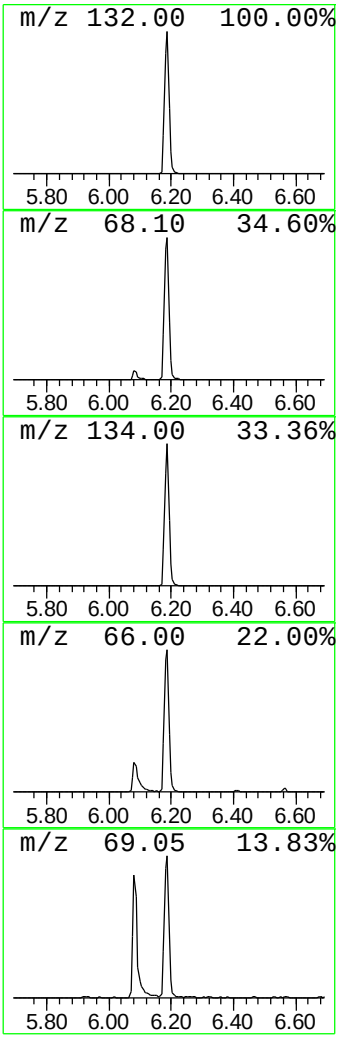
Peak Number 3 unknown6.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	67.83 ng	2053290	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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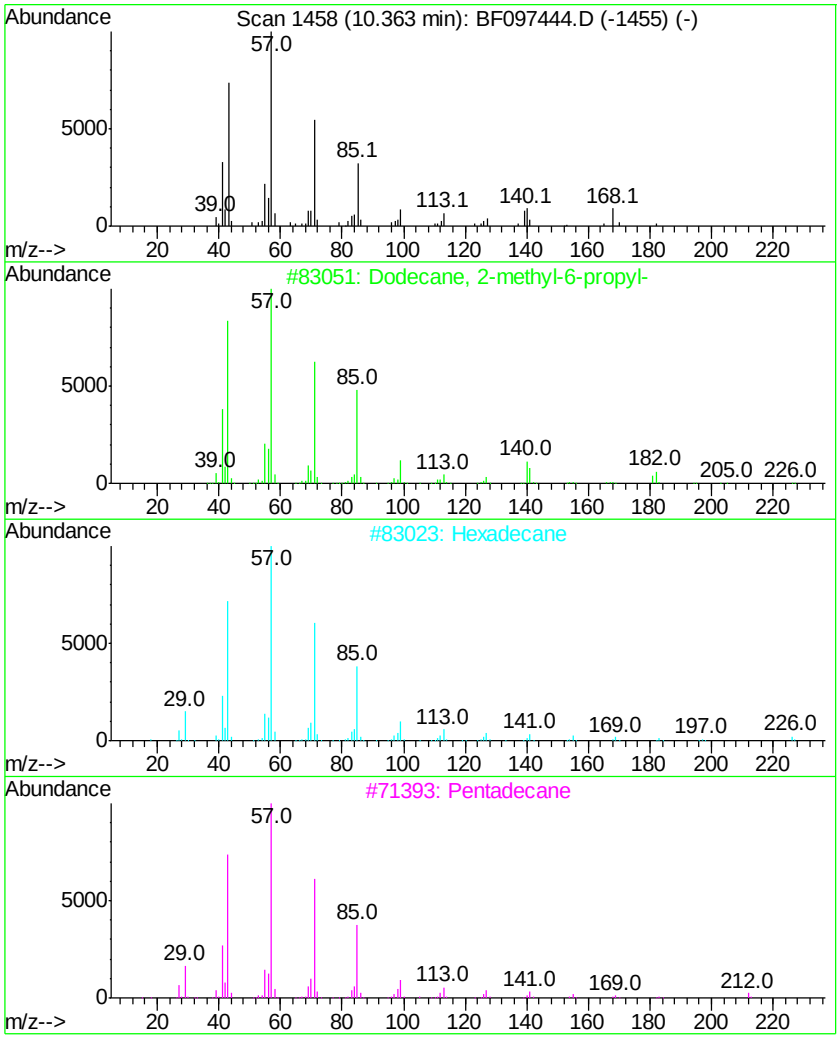
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

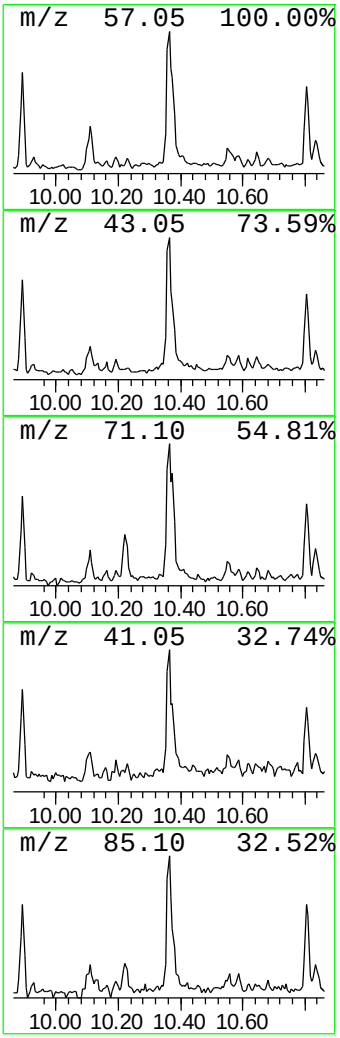
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	4.82 ng	161605	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetracosane	338	C24H50	000646-31-1	64
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64





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Sample : I4623-07
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Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

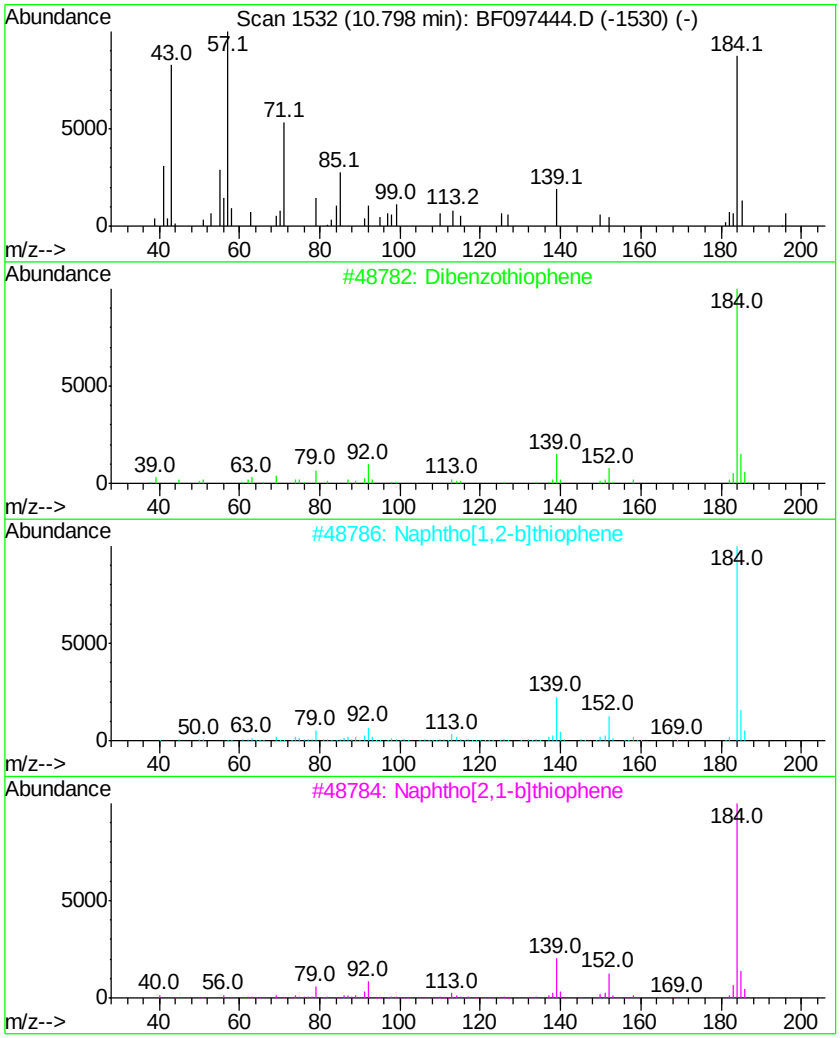
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

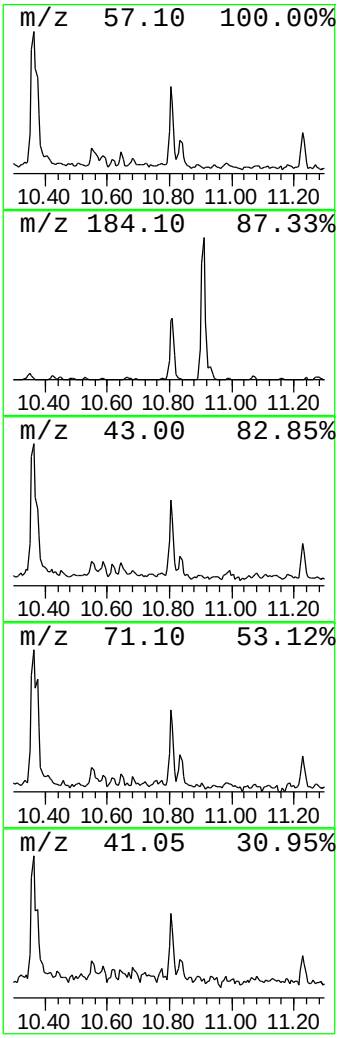
****

Peak Number 6 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.89 ng	96861	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	92
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64





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Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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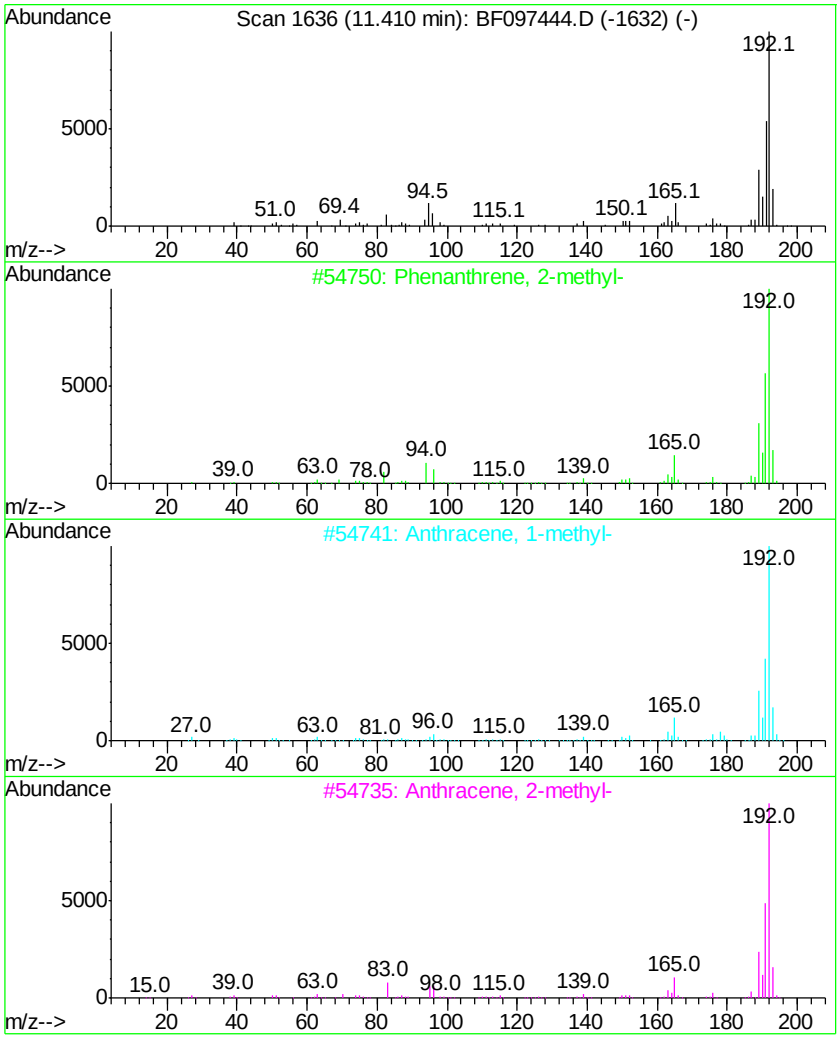
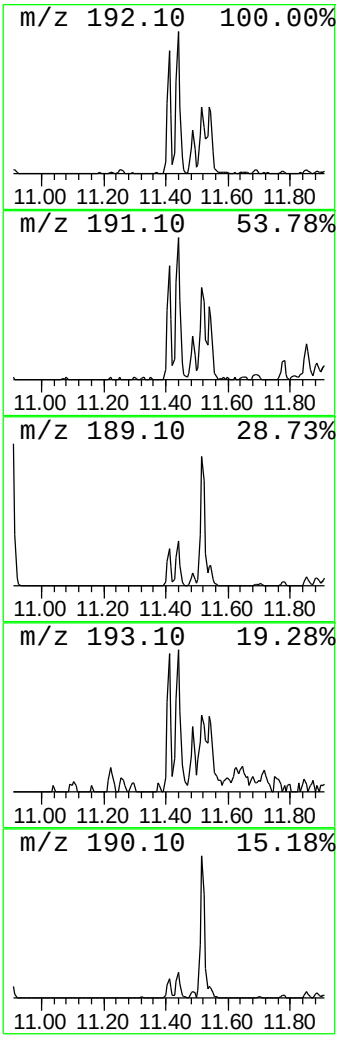
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.93 ng	98394	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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ClientSampleId : TEC-WW

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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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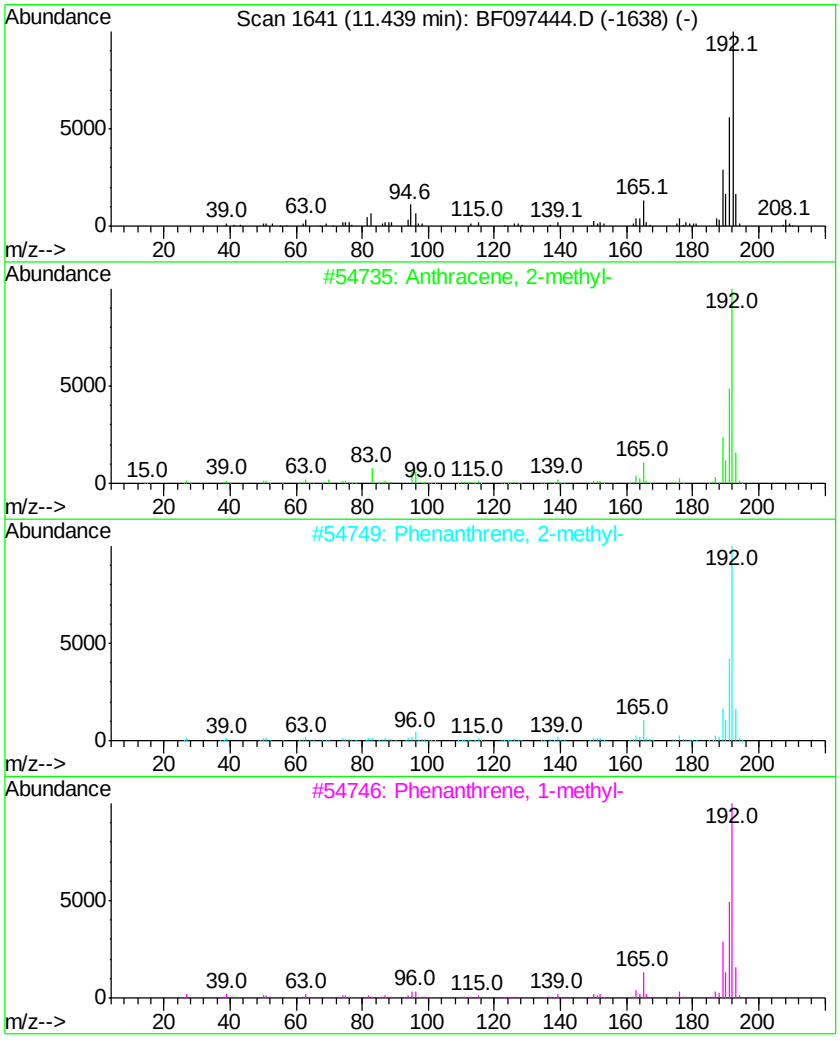
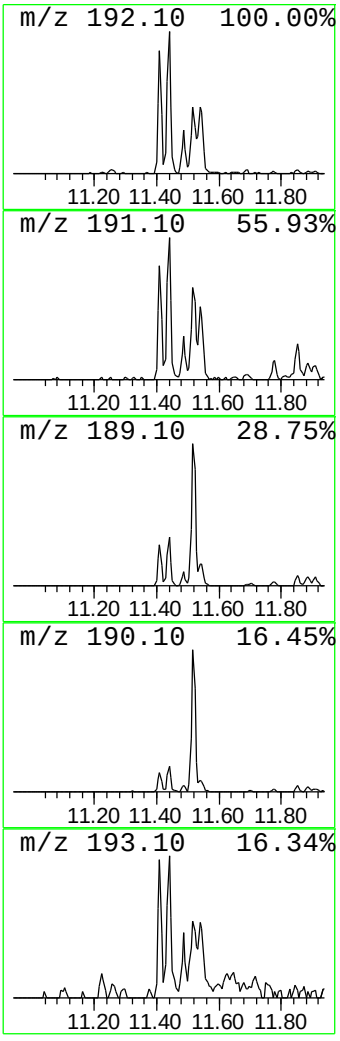
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.97 ng	133077	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Instrument : BNA_F
ClientSampleId : TEC-WW

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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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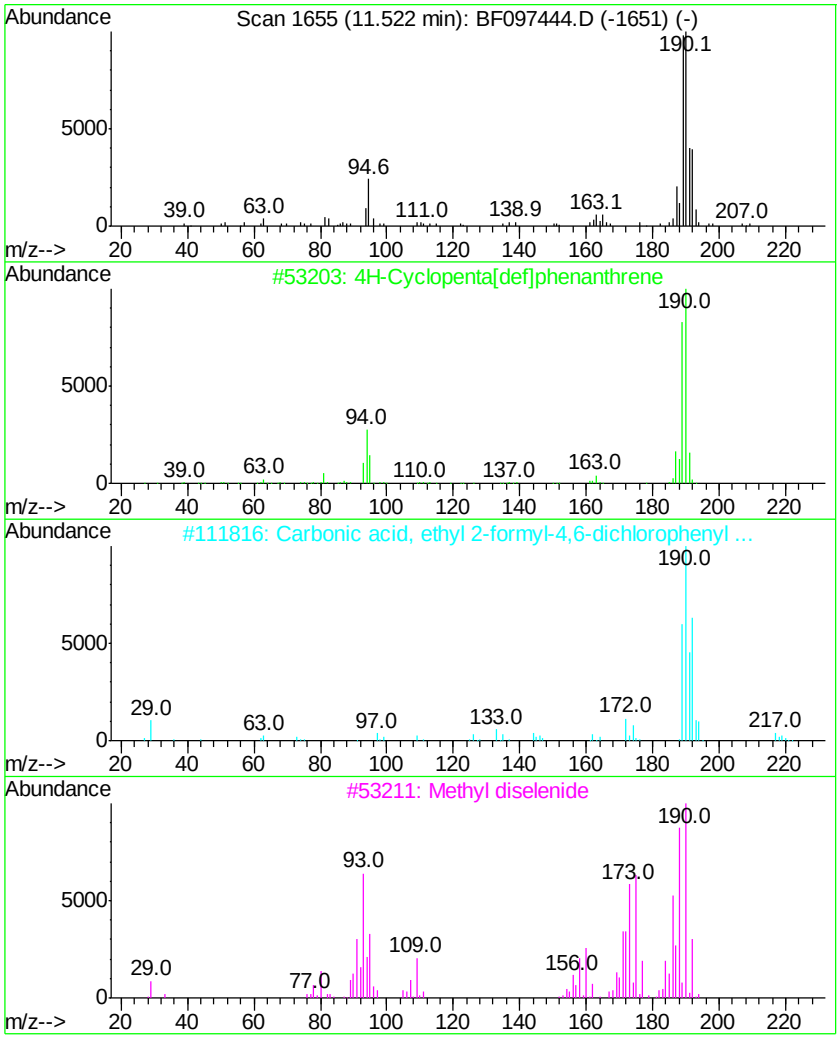
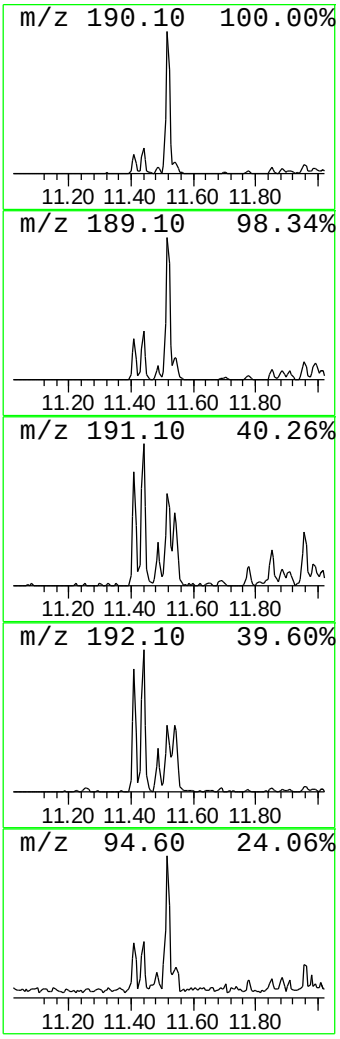
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.56 ng	186617	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38





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ClientSampleId : TEC-WW

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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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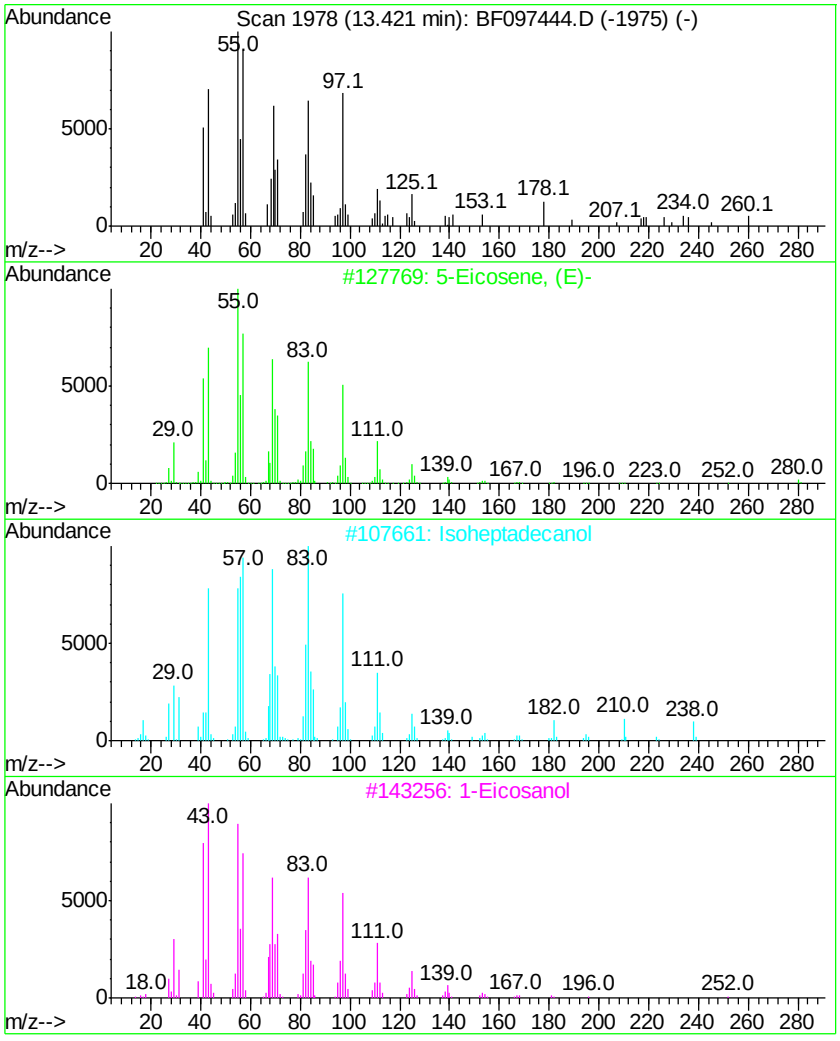
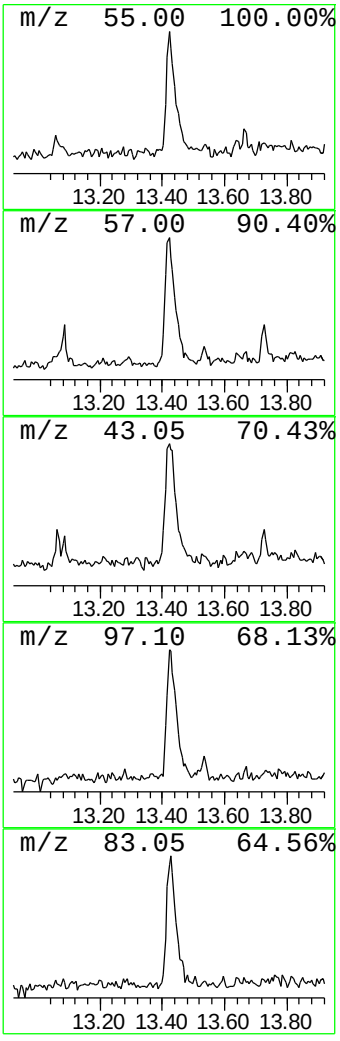
Peak Number 10 5-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.56 ng	183655	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	74
2	Isoheptadecanol	256	C17H36O	057289-07-3	74
3	1-Eicosanol	298	C20H42O	000629-96-9	72
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	72
5	1-Hexacosanol	382	C26H54O	000506-52-5	62





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ClientSampleId : TEC-WW

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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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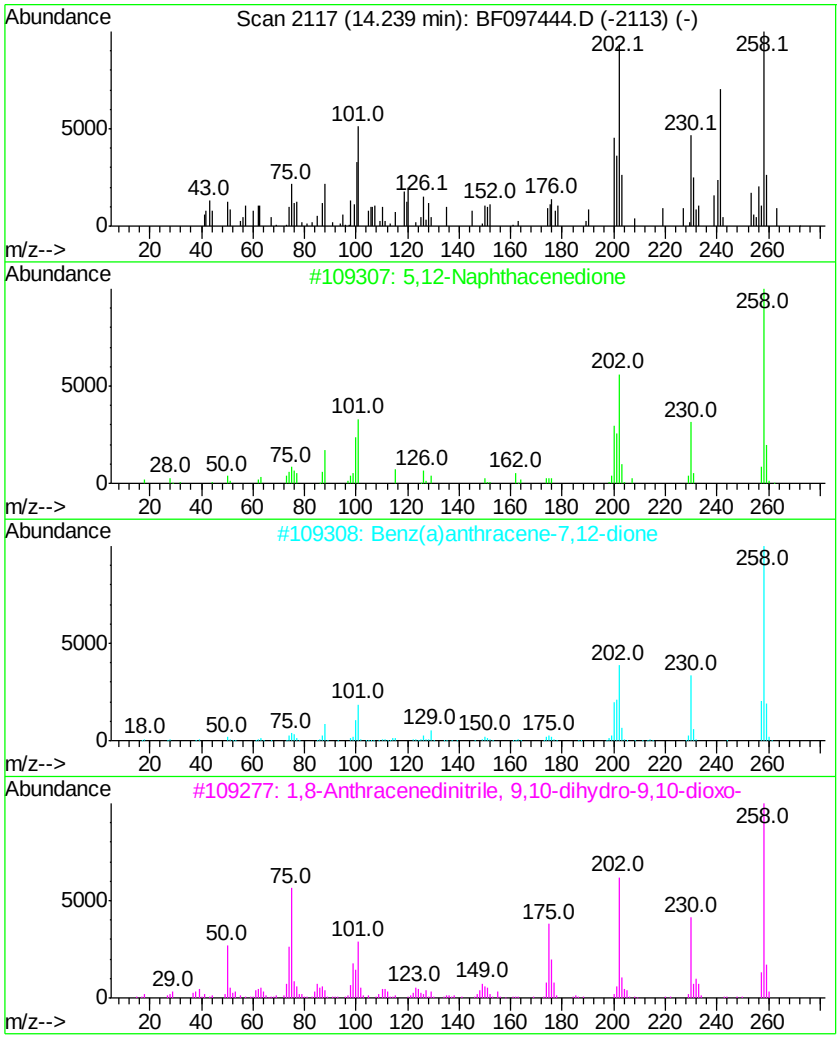
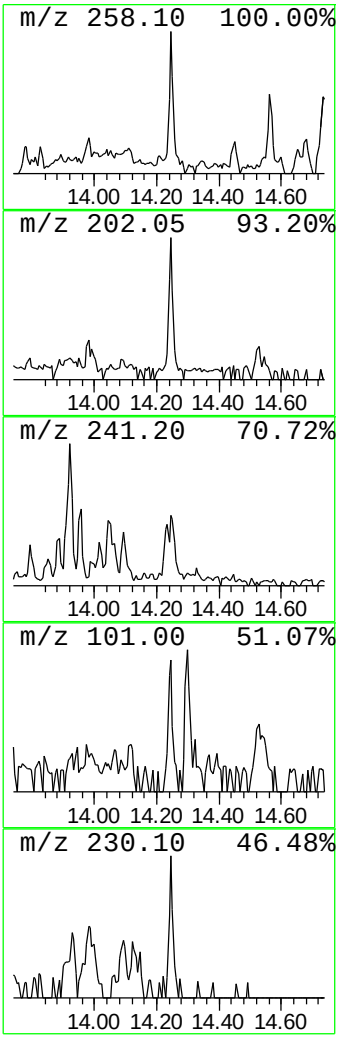
Peak Number 11 5,12-Naphthacenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.69 ng	90847	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	83
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	70
3	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	52
4	1,4-Chrysenequinone	258	C18H10O2	100900-16-1	49
5	3H-Xanthen-3-one, 2,6,7-trihydro...	258	C14H10O5	005407-46-5	35





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ClientSampleId : TEC-WW

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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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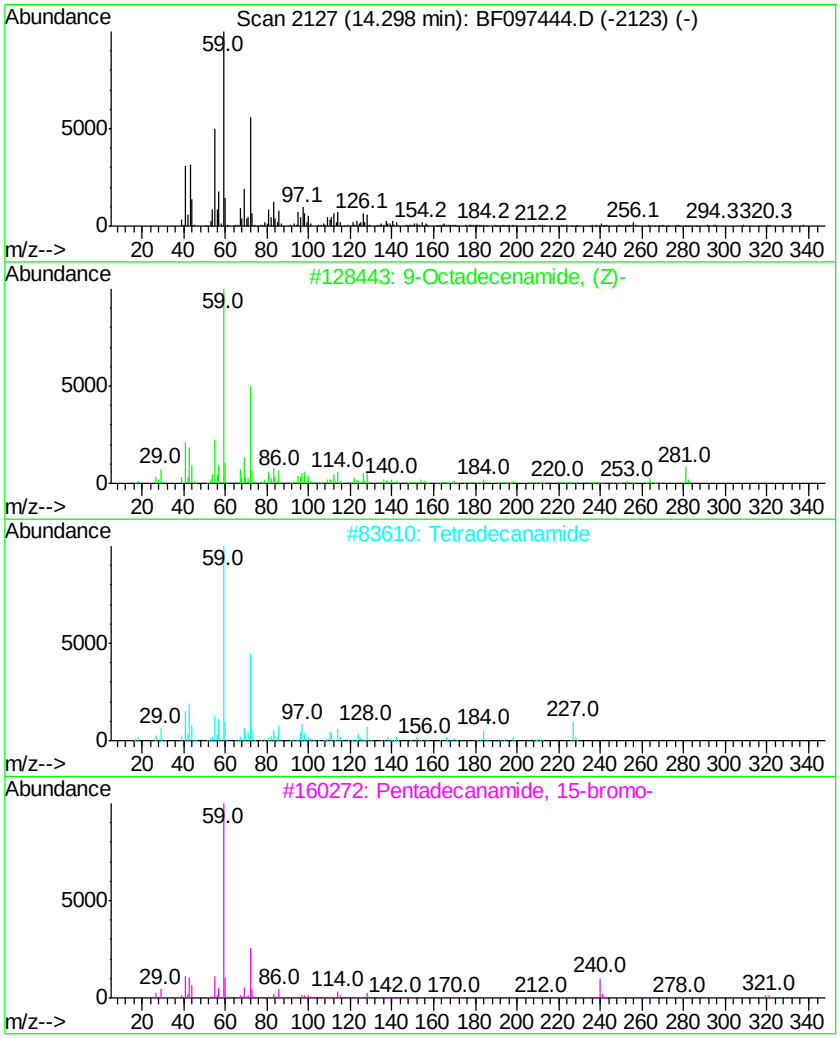
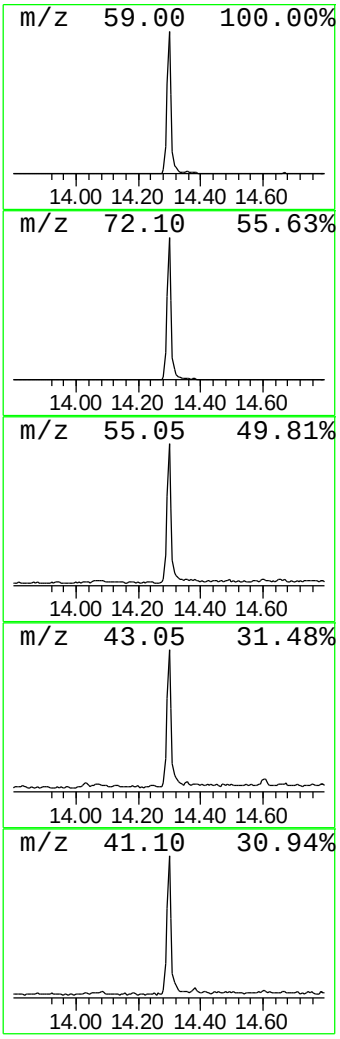
Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	34.75 ng	855857	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Tetradecanamide	227	C14H29NO	000638-58-4	59
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
5	Octanamide	143	C8H17NO	000629-01-6	50





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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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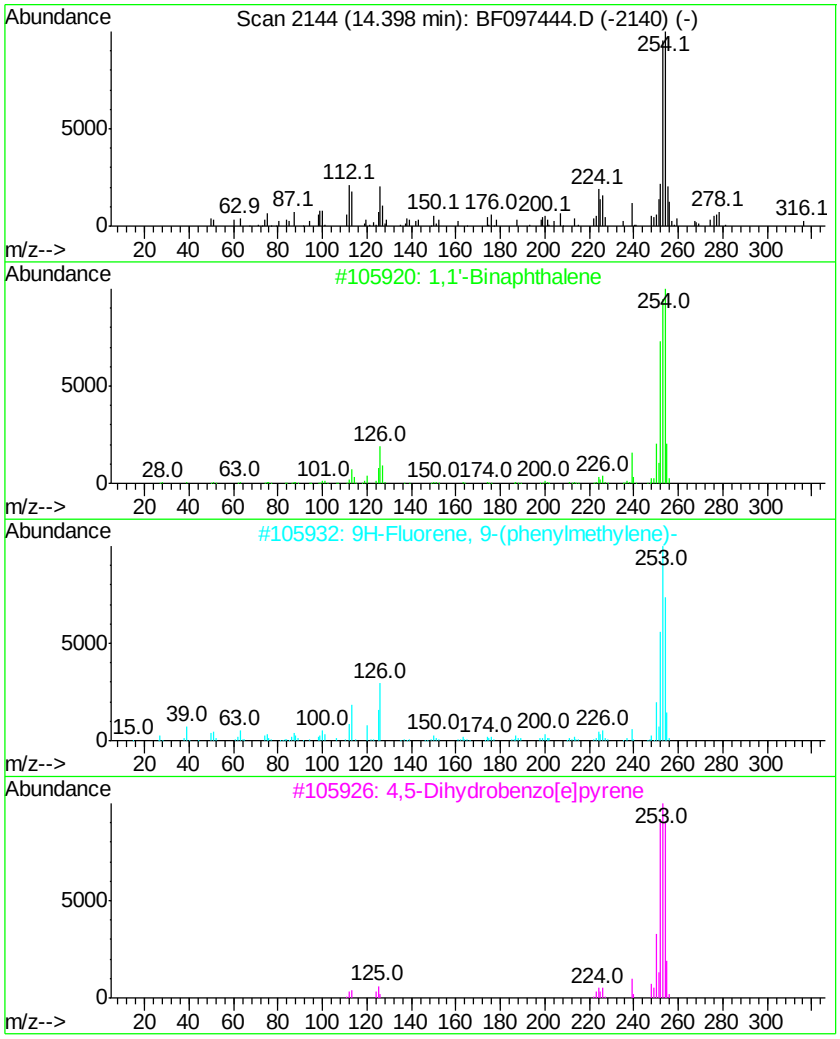
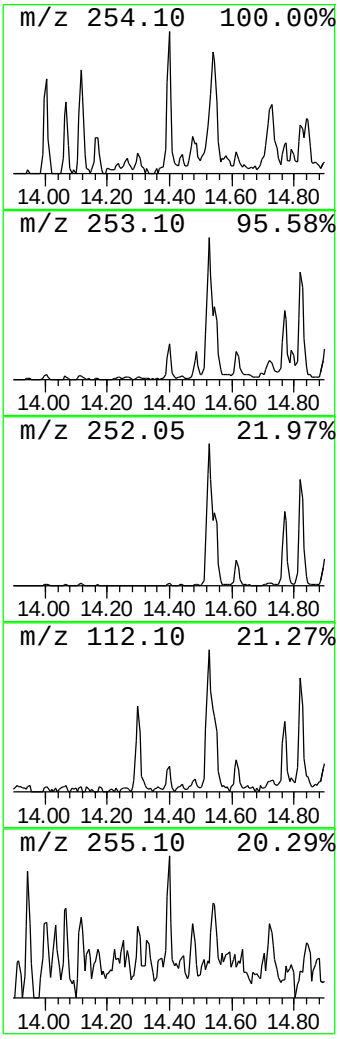
Peak Number 13 1,1'-Binaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.51 ng	86466	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
5	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	64





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ClientSampleId : TEC-WW

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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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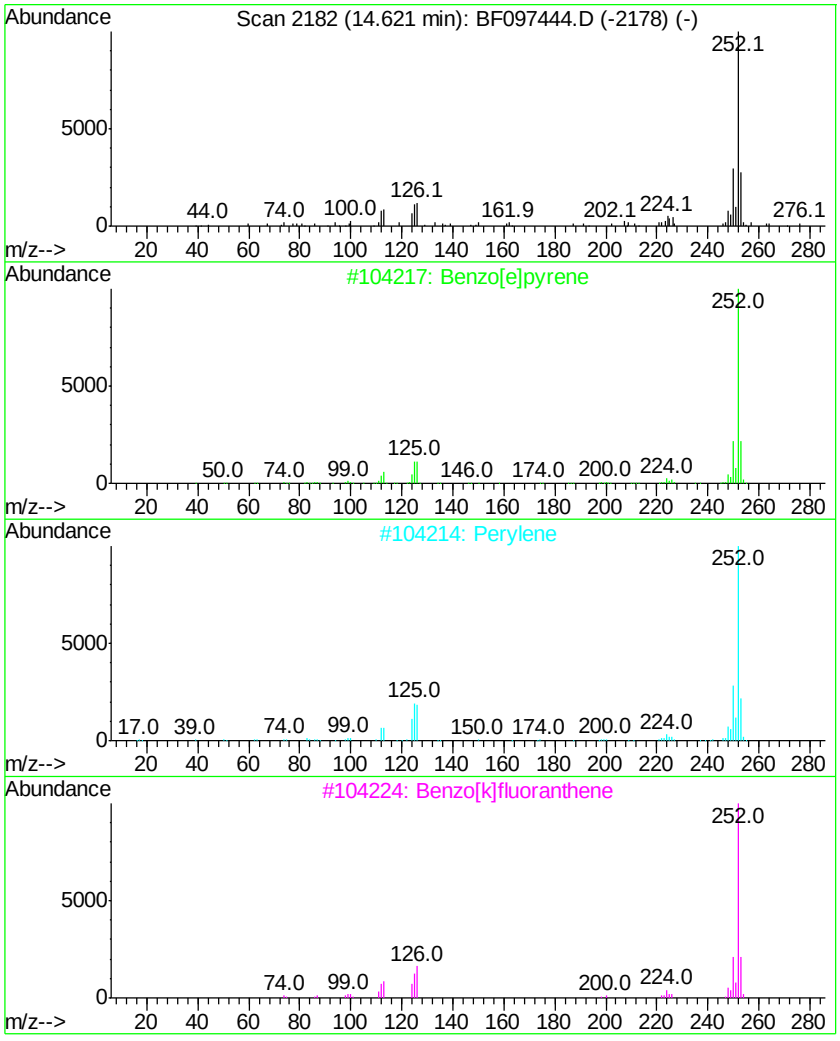
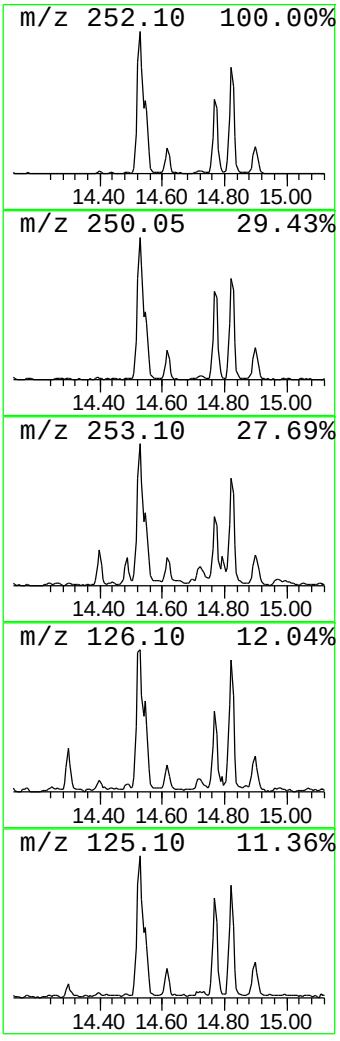
Peak Number 14 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.10 ng	101101	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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TIC Library : C:\DATABASE\NIST11.L
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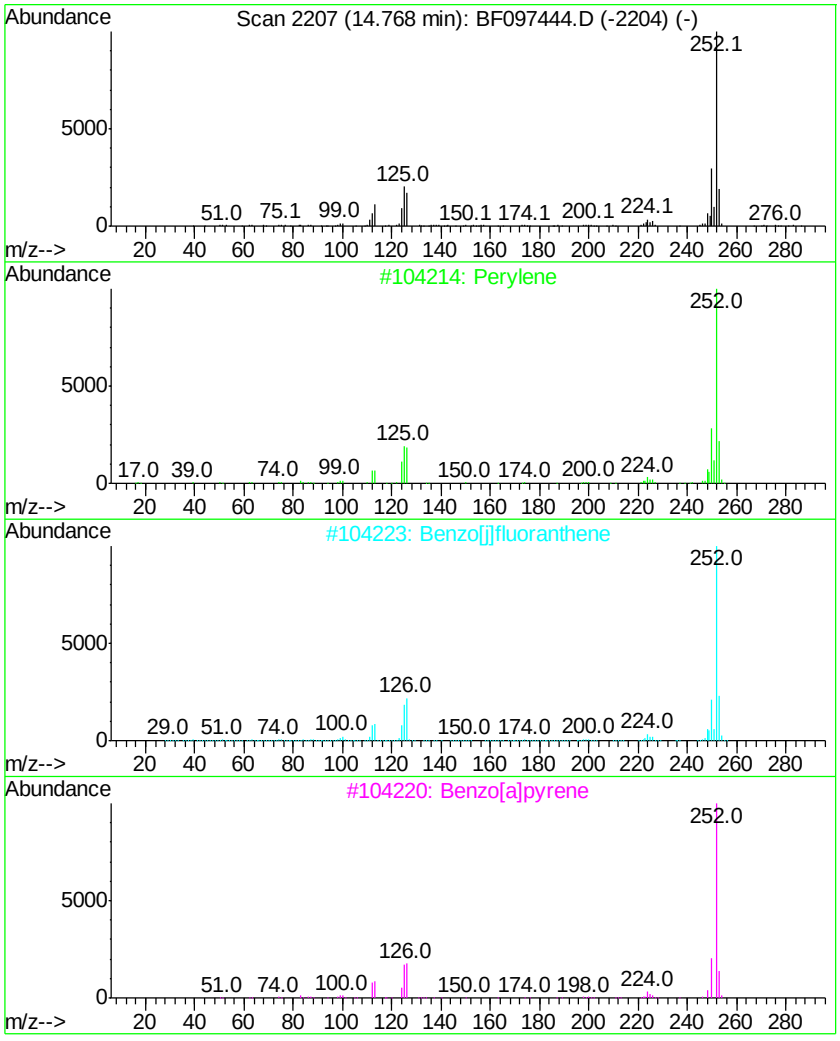
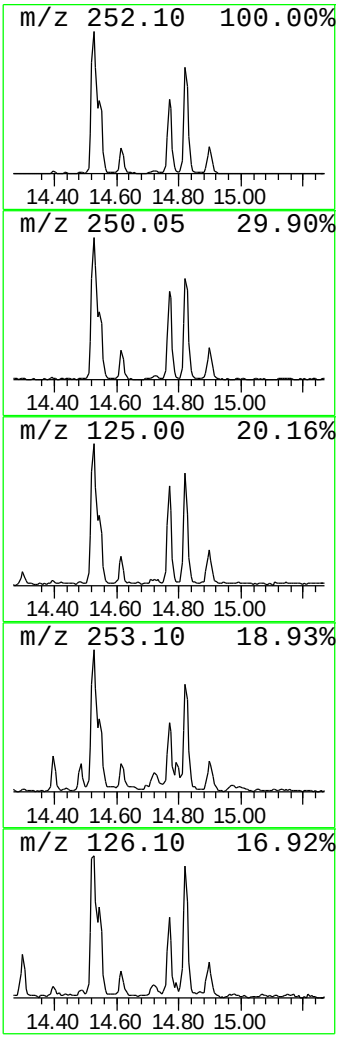
Peak Number 15 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	11.93 ng	293832	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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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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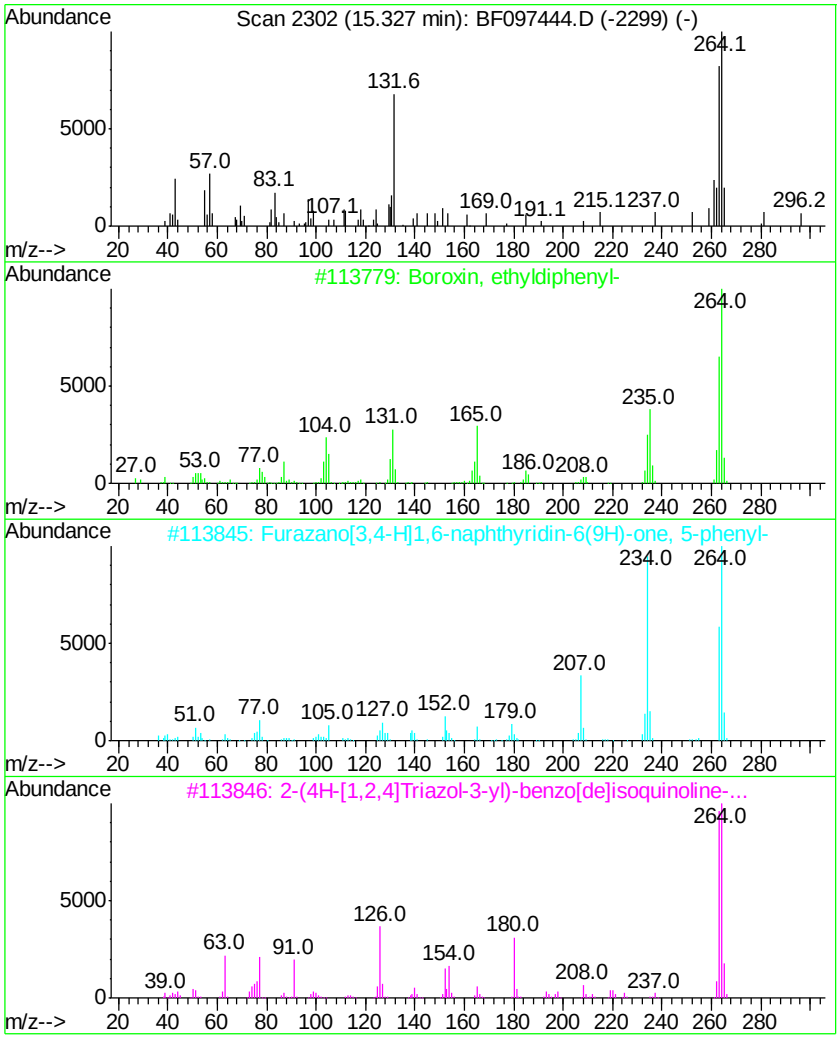
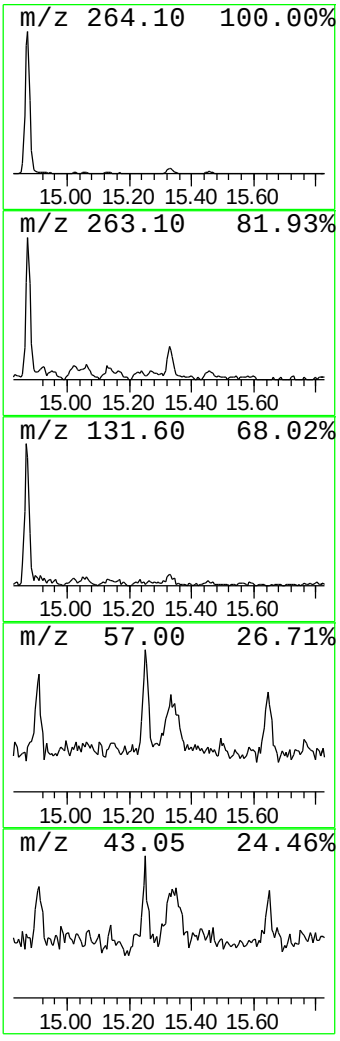
Peak Number 16 Boroxin, ethyldiphenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.91 ng	96213	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
2	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	43
3	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	38
4	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	37
5	2-Oxo-6-phenyl-4-(2-hydroxypheny...	264	C16H12N2O2	017432-82-5	37





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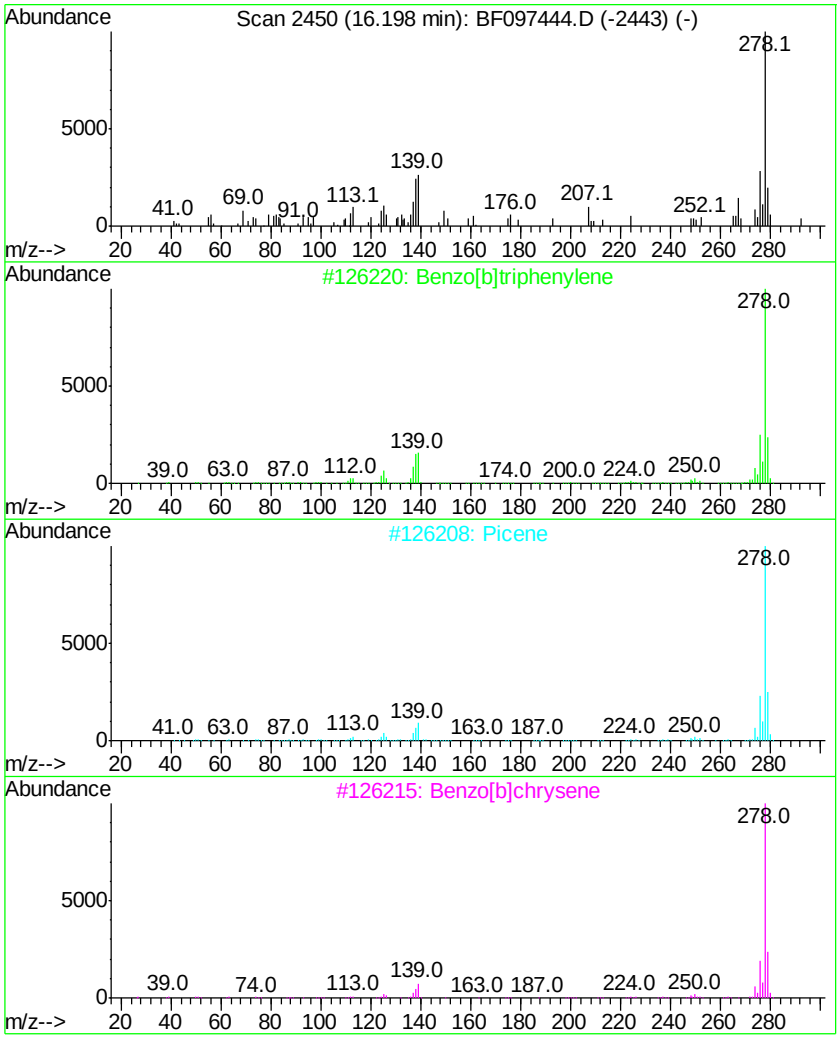
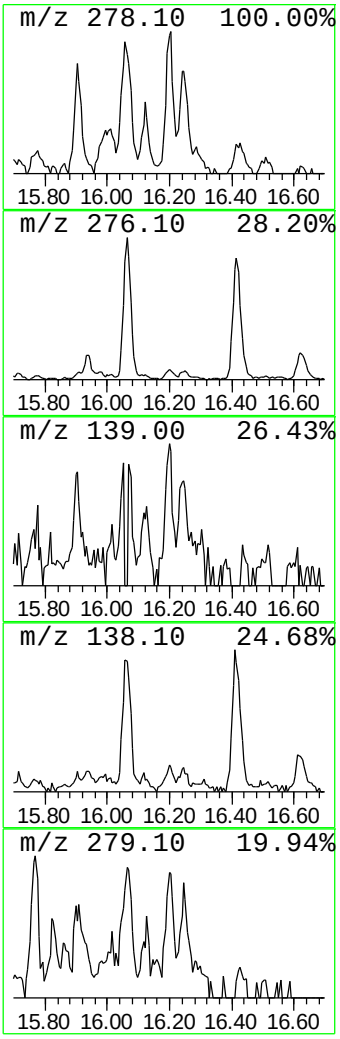
Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.65 ng	89893	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Picene	278	C22H14	000213-46-7	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	81
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	76





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TIC Library : C:\DATABASE\NIST11.L
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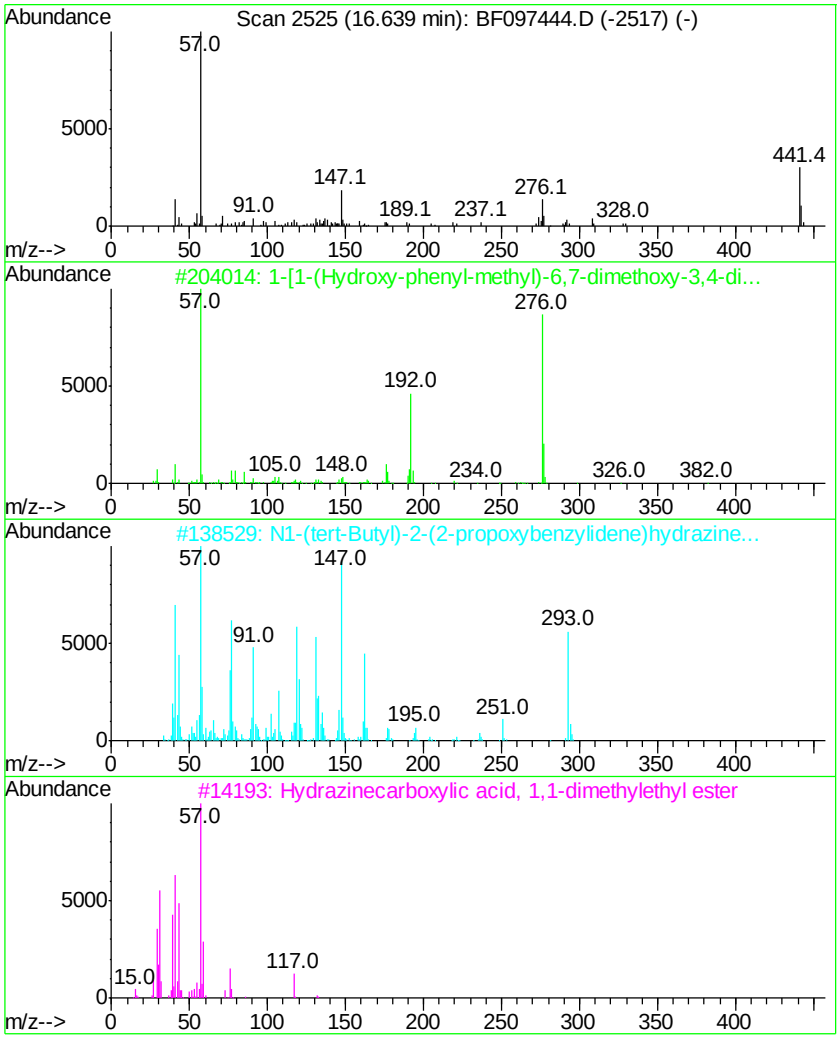
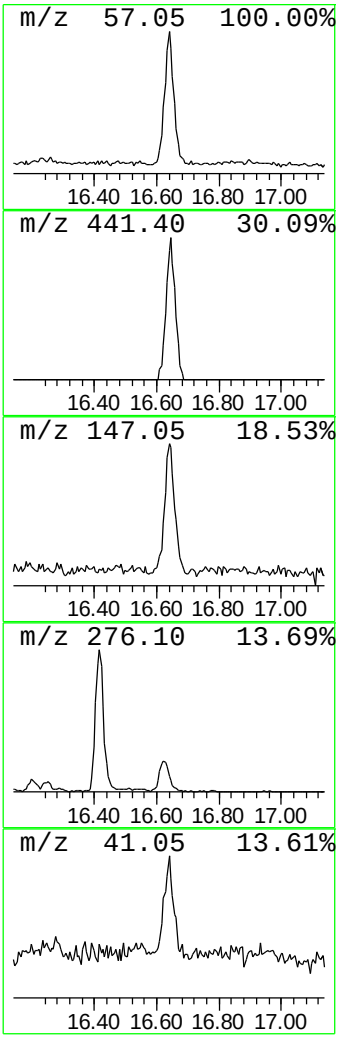
Peak Number 18 unknown16.64 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	8.29 ng	204170	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[1-(Hydroxy-phenyl-methyl)-6,7...	383	C23H29NO4	114609-12-0	9
2	N1-(tert-Butyl)-2-(2-propoxybenz...	293	C15H23N3OS	282542-41-0	9
3	Hydrazinecarboxylic acid, 1,1-di...	132	C5H12N2O2	000870-46-2	7
4	Propionamide, 2,2-dimethyl-N-(5,...	441	C25H31NO6	086436-38-6	4
5	Acetic acid, (2,4-dichlorophenox...	276	C12H14Cl2O3	001713-15-1	4





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Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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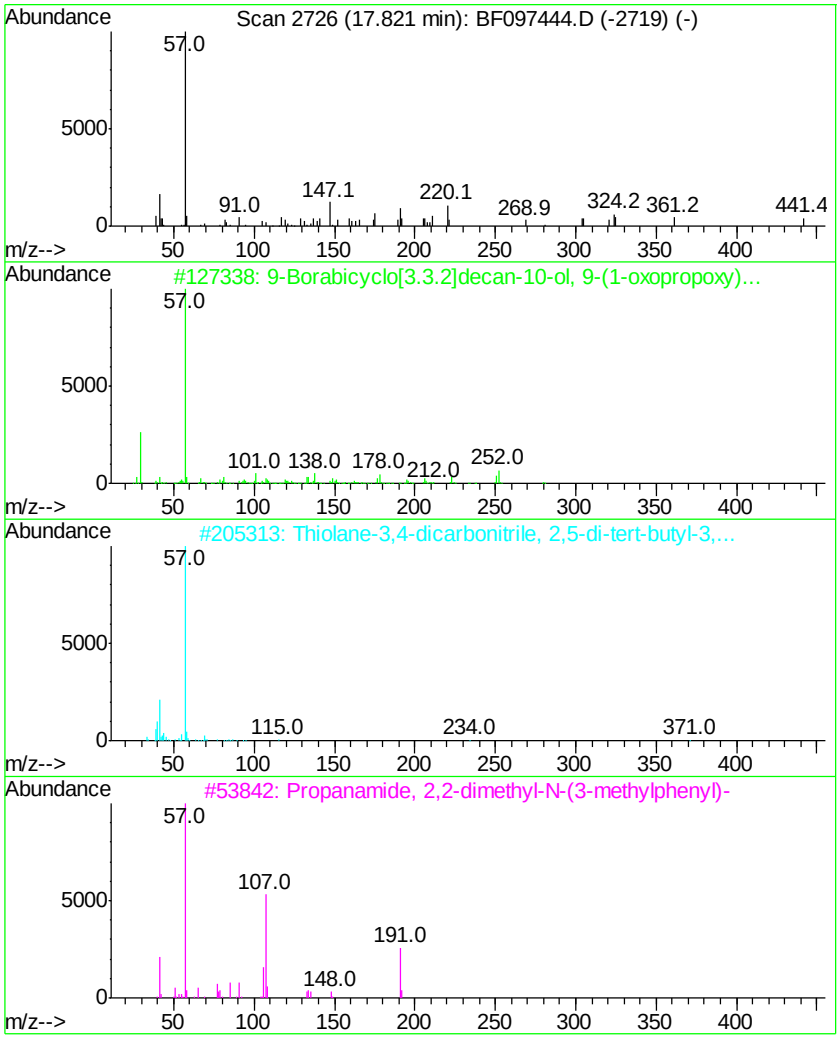
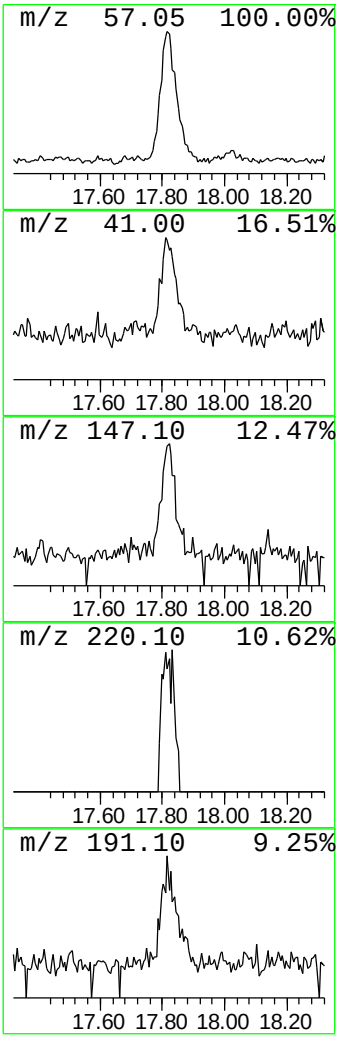
Peak Number 19 unknown17.82 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.34 ng	131400	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.2]decan-10-ol,...	280	C15H25BO4	144522-72-5	10
2	Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	9
3	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	9
4	t-Butyl n-hexyl disulfide	206	C10H22S2	064580-59-2	9
5	2-Bromopropionic acid tert-butyl...	208	C7H13BrO2	039149-80-9	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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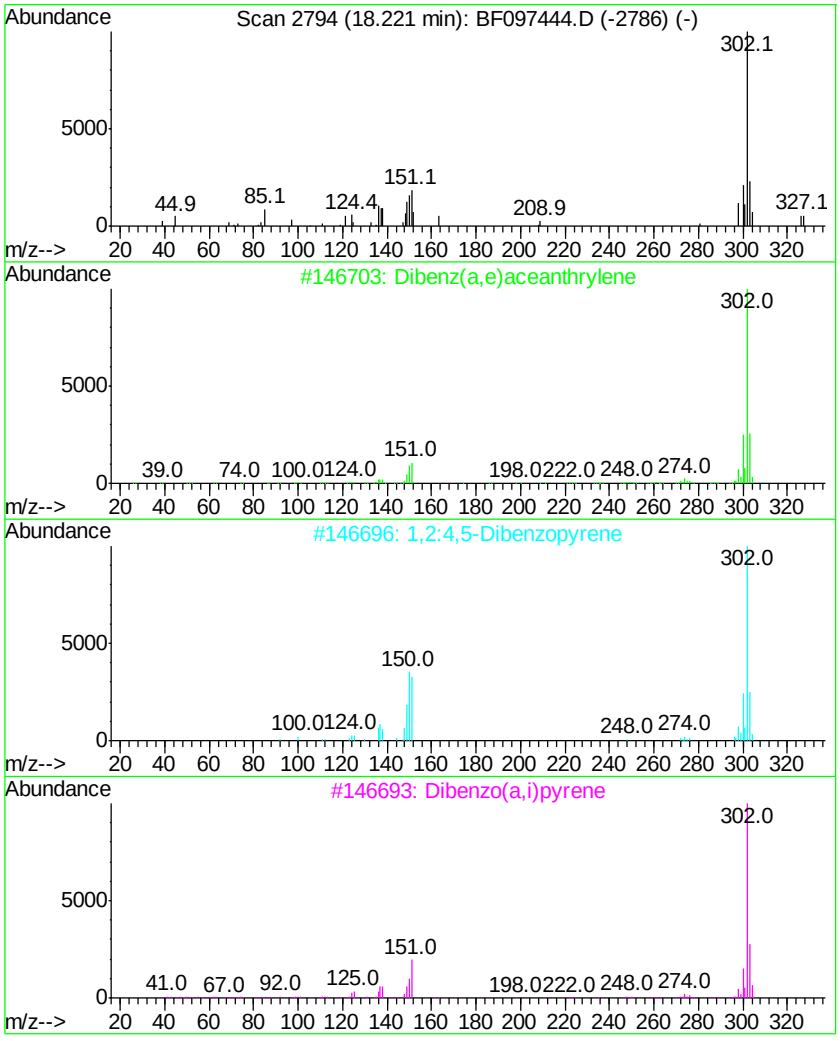
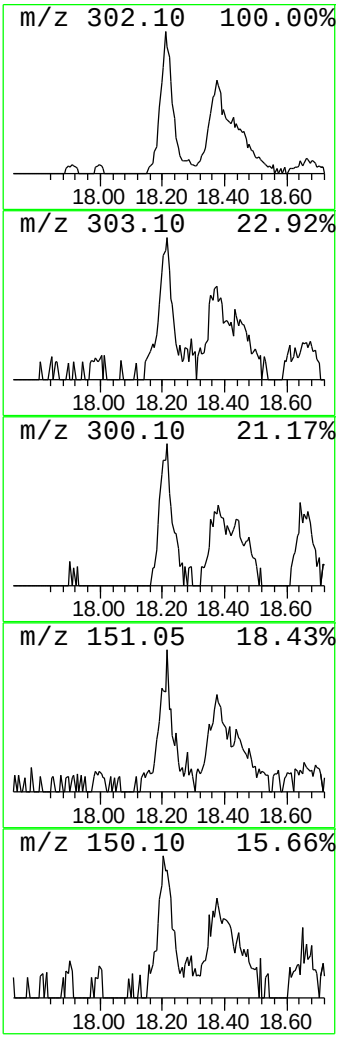
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	2.56 ng	62965	Perylene-d12	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097444.D
Acq On : 7 Aug 2017 22:16
Operator : SJ/JU
Sample : I4623-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
n-Hexane	1.90	8.0	ng	241104	1	6.41	605465	20.0
2-Pentanone, 4-hy...	4.53	6.7	ng	201342	1	6.41	605465	20.0
unknown6.19	6.19	67.8	ng	2053290	1	6.41	605465	20.0
Dodecane, 2-methy...	10.36	4.8	ng	161605	4	10.91	671167	20.0
Dibenzothiophene	10.80	2.9	ng	96861	4	10.91	671167	20.0
Phenanthrene, 2-m...	11.41	2.9	ng	98394	4	10.91	671167	20.0
Anthracene, 2-met...	11.44	4.0	ng	133077	4	10.91	671167	20.0
4H-Cyclopenta[def...	11.52	5.6	ng	186617	4	10.91	671167	20.0
5-Eicosene, (E)-	13.42	2.6	ng	183655	5	13.53	1436160	20.0
5,12-Naphthacened...	14.24	3.7	ng	90847	6	14.87	492587	20.0
9-Octadecenamide,...	14.30	34.8	ng	855857	6	14.87	492587	20.0
1,1'-Binaphthalene	14.40	3.5	ng	86466	6	14.87	492587	20.0
Benzo[e]pyrene	14.62	4.1	ng	101101	6	14.87	492587	20.0
Perylene	14.77	11.9	ng	293832	6	14.87	492587	20.0
Boroxin, ethyldip...	15.33	3.9	ng	96213	6	14.87	492587	20.0
Benzo[b]triphenylene	16.20	3.6	ng	89893	6	14.87	492587	20.0
unknown16.64	16.64	8.3	ng	204170	6	14.87	492587	20.0
unknown17.82	17.82	5.3	ng	131400	6	14.87	492587	20.0
Dibenz(a,e)aceant...	18.22	2.6	ng	62965	6	14.87	492587	20.0