LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099311.D
Acq On : 10 Oct 2017 20:25
Operator : SJ/JU
Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	6	10	20	rVB	34638	45796	2.06%	0.176%
2	4.593	423	426	431	rBV	51735	58011	2.61%	0.223%
3	5.093	507	511	524	rBV	277702	360384	16.20%	1.382%
4	5.492	574	579	582	rBV	2077450	2131780	95.81%	8.177%
5	6.498	745	750	753	rBV	2016771	2118917	95.23%	8.128%
6	6.634	769	773	777	rBV	2207422	2225064	100.00%	8.535%
7	6.863	809	812	816	rBV	680083	532088	23.91%	2.041%
8	7.022	835	839	842	rBV	2016161	1735525	78.00%	6.657%
9	7.428	903	908	911	rBV	1316257	1317997	59.23%	5.056%
10	8.145	1026	1030	1033	rBV	878623	689232	30.98%	2.644%
11	9.222	1208	1213	1216	rBV	2309215	2199517	98.85%	8.437%
12	9.557	1267	1270	1272	rBV	22880	23952	1.08%	0.092%
13	9.610	1276	1279	1282	rVV	401283	302315	13.59%	1.160%
14	9.763	1301	1305	1307	rBV2	33542	30806	1.38%	0.118%
15	9.822	1310	1315	1317	rVV2	20275	28998	1.30%	0.111%
16	9.898	1323	1328	1331	rBV2	739199	645823	29.02%	2.477%
17	9.933	1331	1334	1337	rVB	104070	85645	3.85%	0.329%
18	10.051	1350	1354	1357	rBV3	19024	22334	1.00%	0.086%
19	10.104	1357	1363	1366	rVV2	53248	50743	2.28%	0.195%
20	10.216	1379	1382	1385	rBV3	19212	23521	1.06%	0.090%
21	10.322	1392	1400	1402	rBV3	49808	72965	3.28%	0.280%
22	10.445	1418	1421	1427	rVB	82365	76226	3.43%	0.292%
23	10.533	1434	1436	1439	rVB2	34275	27252	1.22%	0.105%
24	10.604	1445	1448	1453	rVB	28138	35421	1.59%	0.136%
25	10.686	1459	1462	1466	rBV	1022402	1004131	45.13%	3.852%
26	10.792	1477	1480	1489	rVB3	79322	118725	5.34%	0.455%
27	10.992	1508	1514	1517	rBV4	33412	56203	2.53%	0.216%
28	11.122	1531	1536	1537	rBV4	20500	28150	1.27%	0.108%
29	11.145	1537	1540	1545	rVV3	25546	35723	1.61%	0.137%
30	11.192	1545	1548	1552	rVV2	28173	28997	1.30%	0.111%
31	11.239	1552	1556	1559	rVV3	50849	65447	2.94%	0.251%
32	11.280	1562	1563	1568	rVB	43780	38704	1.74%	0.148%
33	11.386	1577	1581	1583	rBV	610559	532429	23.93%	2.042%
34	11.410	1583	1585	1589	rVV	693099	549950	24.72%	2.109%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5691-05
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.463	1589	1594	1597	rVB	216783	178919	8.04%	0.686%
36	11.616	1613	1620	1626	rBV2	51053	82139	3.69%	0.315%
37	11.716	1634	1637	1642	rVB4	25833	29613	1.33%	0.114%
38	11.886	1661	1666	1669	rBV	120806	110907	4.98%	0.425%
39	11.916	1669	1671	1675	rVV	156599	122354	5.50%	0.469%
40	11.963	1676	1679	1682	rVV	77625	67030	3.01%	0.257%
41	11.998	1682	1685	1688	rVV2	162129	195745	8.80%	0.751%
42	12.021	1688	1689	1694	rVB	87363	52347	2.35%	0.201%
43	12.180	1713	1716	1719	rVV	74354	60768	2.73%	0.233%
44	12.210	1719	1721	1727	rVB2	29771	31121	1.40%	0.119%
45	12.327	1736	1741	1744	rBV2	31564	38301	1.72%	0.147%
46	12.433	1754	1759	1762	rBV	75396	92779	4.17%	0.356%
47	12.474	1762	1766	1768	rVV4	56503	77698	3.49%	0.298%
48	12.527	1771	1775	1779	rVB3	43895	58280	2.62%	0.224%
49	12.604	1784	1788	1791	rBV	815369	751607	33.78%	2.883%
50	12.751	1811	1813	1816	rVB	25744	23306	1.05%	0.089%
51	12.833	1820	1827	1832	rBV	738501	853958	38.38%	3.276%
52	12.880	1832	1835	1839	rVB2	47142	51789	2.33%	0.199%
53	12.968	1842	1850	1853	rBV	1714017	1550589	69.69%	5.948%
54	13.045	1858	1863	1867	rBV3	53526	92989	4.18%	0.357%
55	13.133	1875	1878	1879	rBV2	43389	46776	2.10%	0.179%
56	13.157	1879	1882	1885	rVB	127874	121790	5.47%	0.467%
57	13.221	1890	1893	1896	rBV	85609	72592	3.26%	0.278%
58	13.263	1896	1900	1902	rBV2	85482	96150	4.32%	0.369%
59	13.357	1912	1916	1918	rVB	47625	43817	1.97%	0.168%
60	13.386	1918	1921	1924	rBV	56067	51506	2.31%	0.198%
61	13.639	1961	1964	1966	rBV2	17609	22362	1.01%	0.086%
62	13.668	1966	1969	1973	rVB	53199	58287	2.62%	0.224%
63	13.774	1983	1987	1990	rBV2	63823	84214	3.78%	0.323%
64	13.804	1990	1992	1994	rVV	79007	66957	3.01%	0.257%
65	13.827	1994	1996	1997	rVV	44770	37934	1.70%	0.146%
66	13.851	1997	2000	2003	rVV3	101921	138715	6.23%	0.532%
67	13.874	2003	2004	2011	rVB	68054	58551	2.63%	0.225%
68	13.945	2011	2016	2017	rBV	20656	27797	1.25%	0.107%
69	13.992	2021	2024	2025	rBV2	34125	28684	1.29%	0.110%
70	14.027	2025	2030	2033	rVV2	748176	1010977	45.44%	3.878%
71	14.051	2033	2034	2042	rVB	358200	312328	14.04%	1.198%

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72	14.133	2046	2048	2051	rBV	65098	47154	2.12%	0.181%
73	14.180	2053	2056	2059	rBV4	15207	24299	1.09%	0.093%
74	14.257	2065	2069	2071	rBV2	31008	33275	1.50%	0.128%
75	14.415	2091	2096	2098	rBV	76650	87518	3.93%	0.336%
76	14.445	2098	2101	2104	rVB	46232	38478	1.73%	0.148%
77	14.539	2115	2117	2118	rBV	34356	23497	1.06%	0.090%
78	14.557	2118	2120	2123	rVB2	39935	39238	1.76%	0.151%
79	14.610	2125	2129	2134	rVB2	29950	43055	1.94%	0.165%
80	14.910	2177	2180	2184	rBV3	22658	32817	1.47%	0.126%
81	15.068	2203	2207	2210	rBV	231758	332842	14.96%	1.277%
82	15.180	2223	2226	2230	rBV	47539	49359	2.22%	0.189%
83	15.268	2238	2241	2246	rBV6	19940	35198	1.58%	0.135%
84	15.380	2255	2260	2265	rVB	131662	184822	8.31%	0.709%
85	15.439	2266	2270	2275	rBV	218274	253759	11.40%	0.973%
86	15.504	2276	2281	2285	rBV	386812	489339	21.99%	1.877%
87	15.933	2351	2354	2360	rVB7	18283	30224	1.36%	0.116%
88	16.992	2528	2534	2543	rVB2	59686	128485	5.77%	0.493%
89	17.439	2605	2610	2619	rVB2	46910	96427	4.33%	0.370%

Sum of corrected areas: 26070233

LSC Report - Integrated Chromatogram

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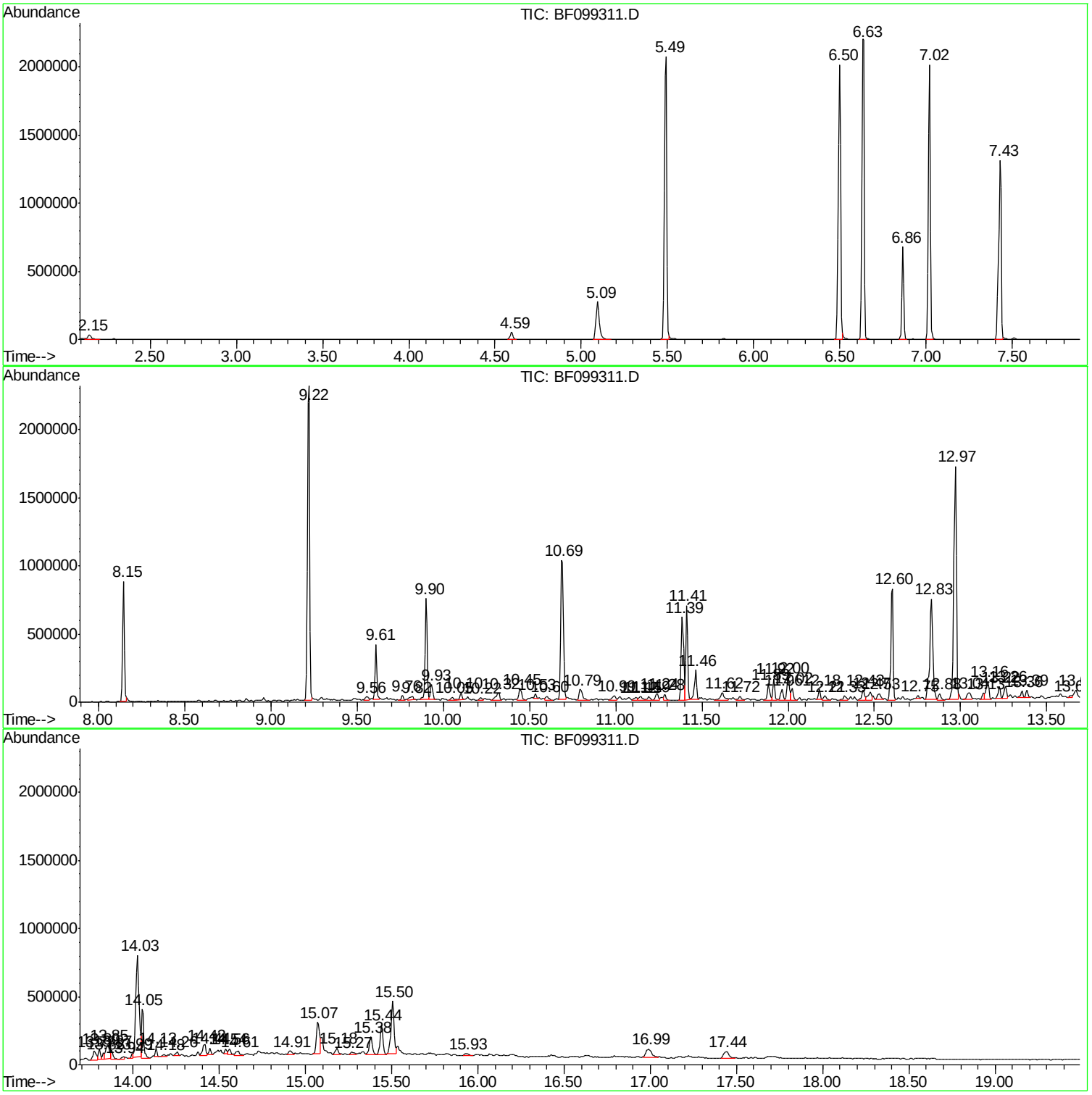
Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF101017\
Data File : BF099311.D
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Operator : SJ/JU
Sample : I5691-05
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

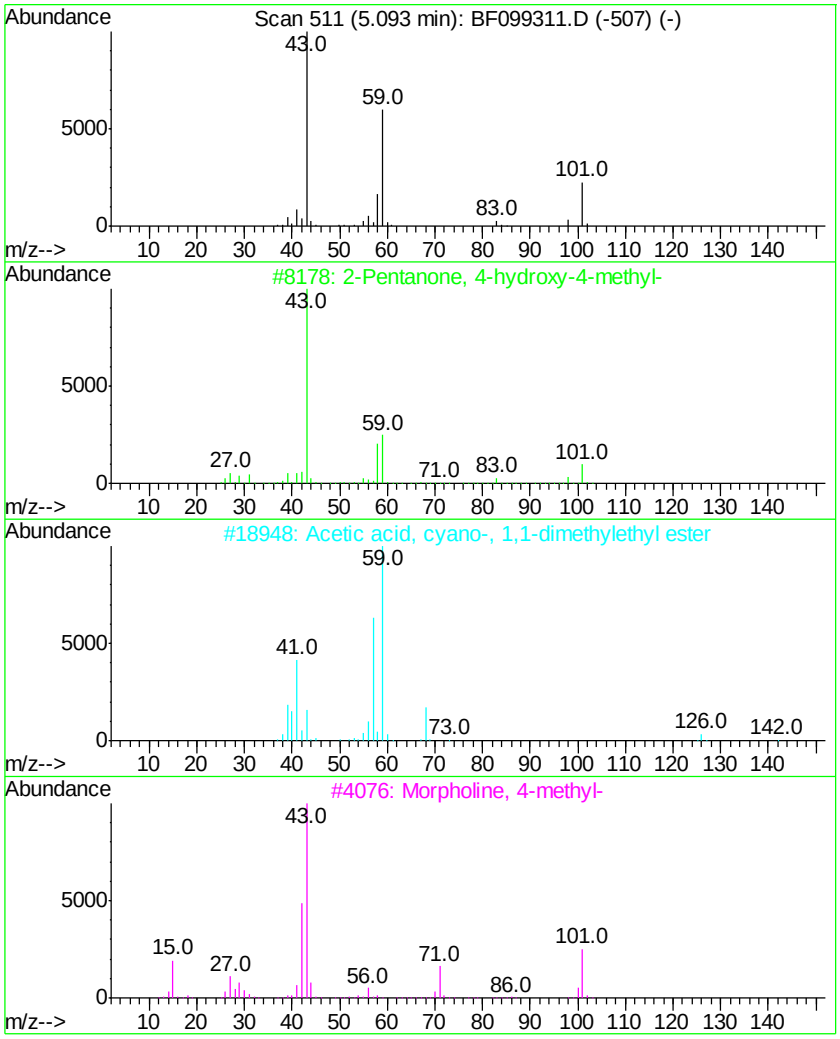
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

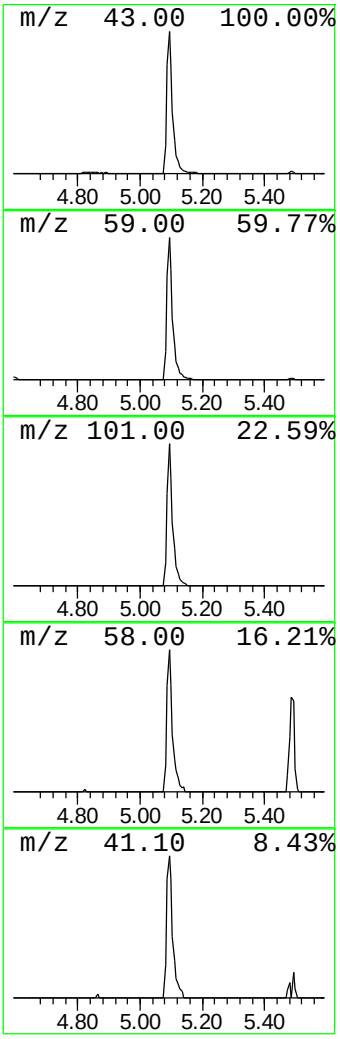
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	13.55 ng	360384	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : SJ/JU
Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

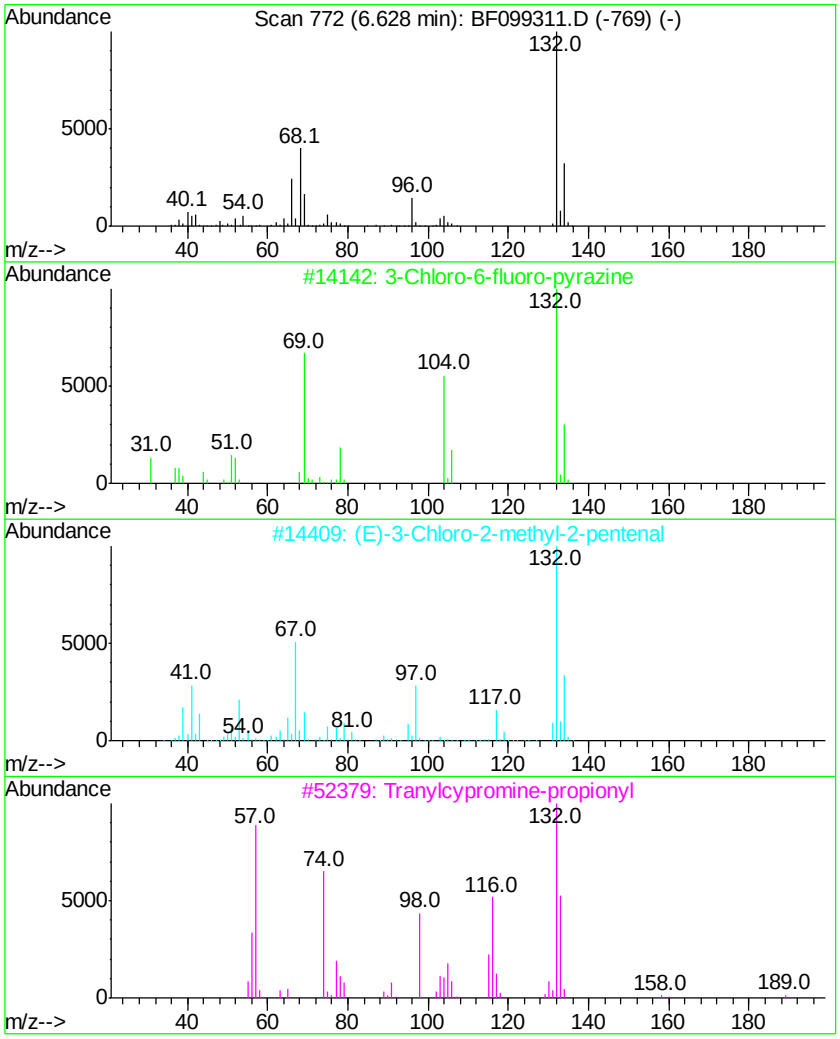
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

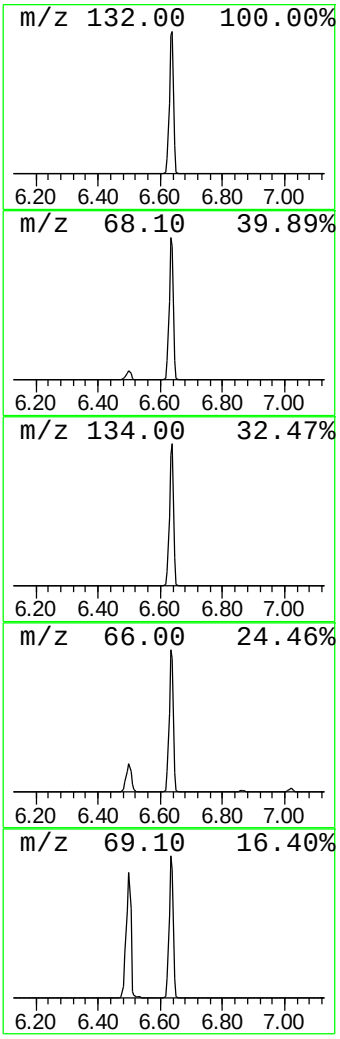
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	83.64 ng	2225060	1,4-Dichlorobenzene-d4	6.86

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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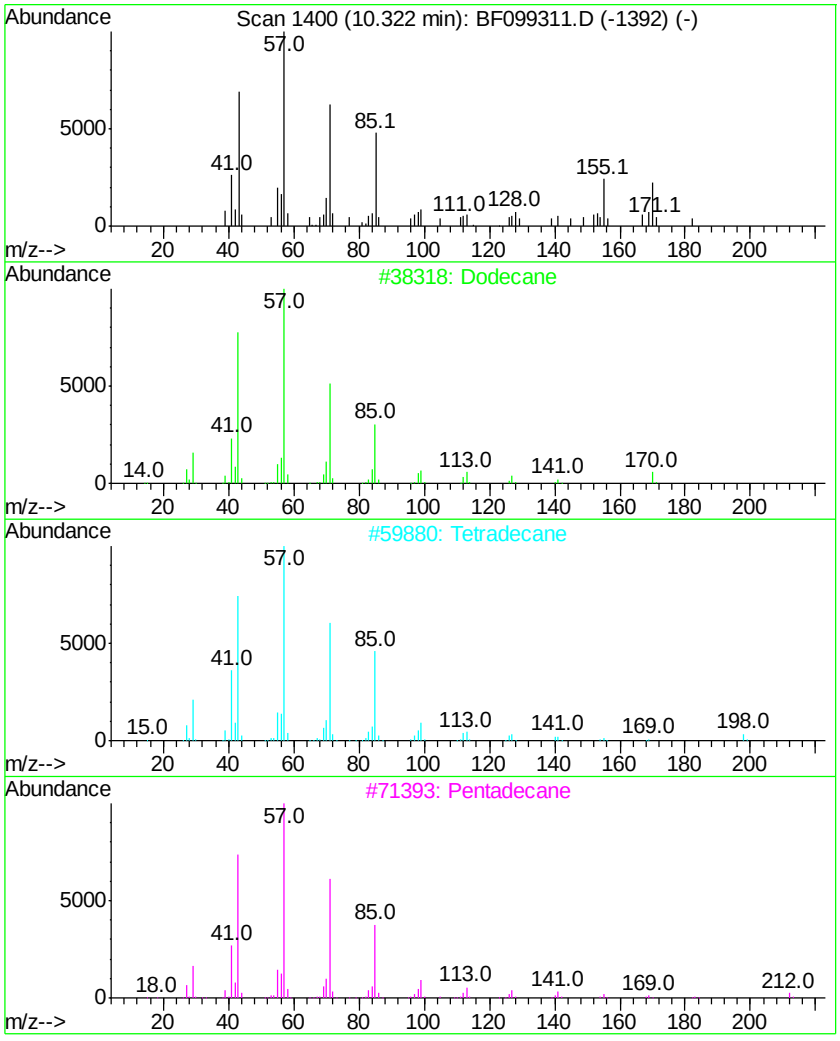
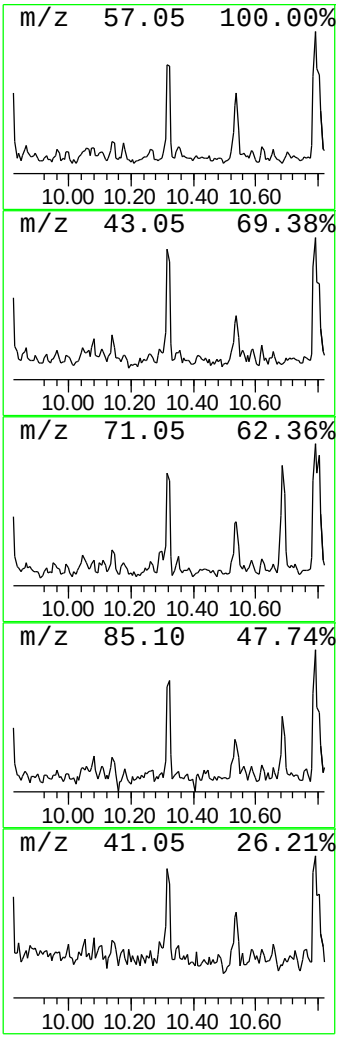
Peak Number 5 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.26 ng	72965	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	58
2	Tetradecane	198	C14H30	000629-59-4	49
3	Pentadecane	212	C15H32	000629-62-9	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Tritetracontane	605	C43H88	007098-21-7	49





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TIC Library : C:\DATABASE\NIST11.L
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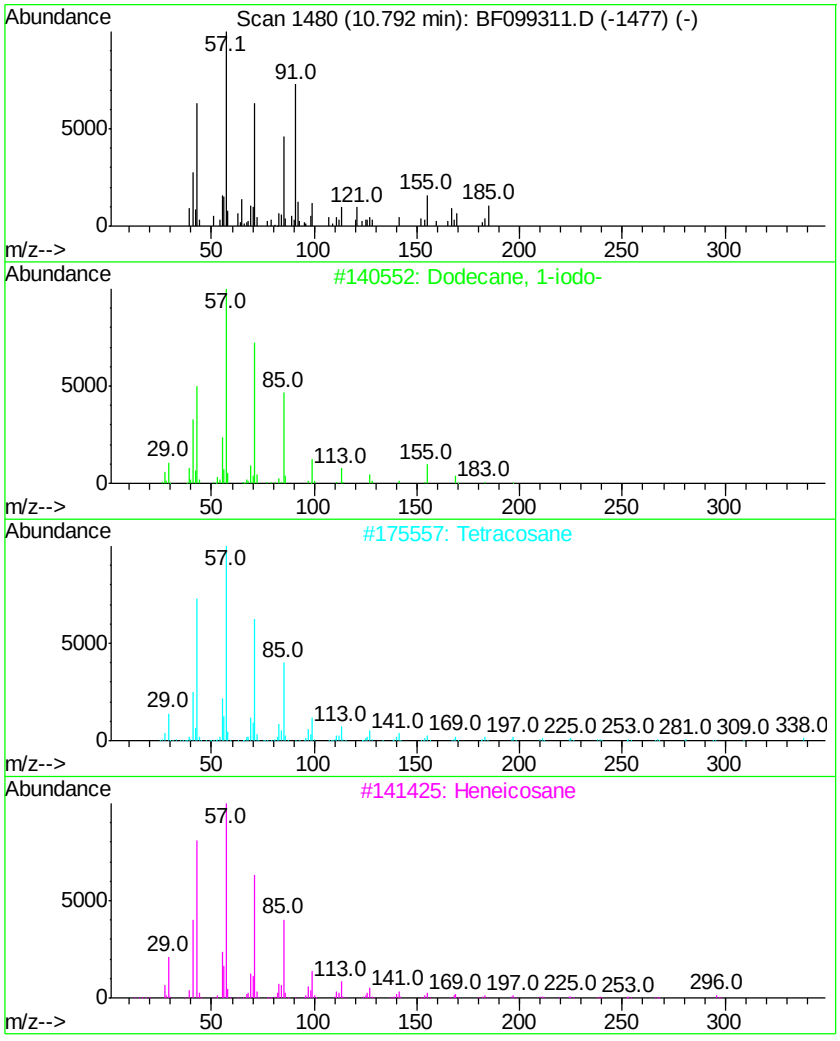
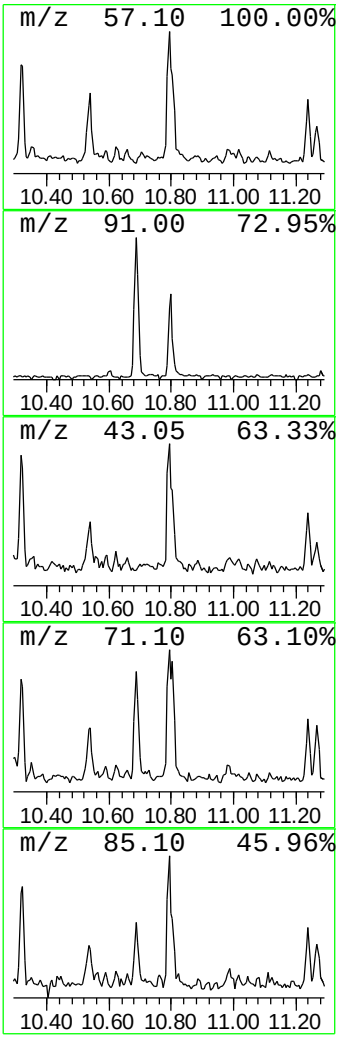
Peak Number 6 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.46 ng	118725	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Tetracosane	338	C24H50	000646-31-1	62
3	Heneicosane	296	C21H44	000629-94-7	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Octadecane	254	C18H38	000593-45-3	58





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Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

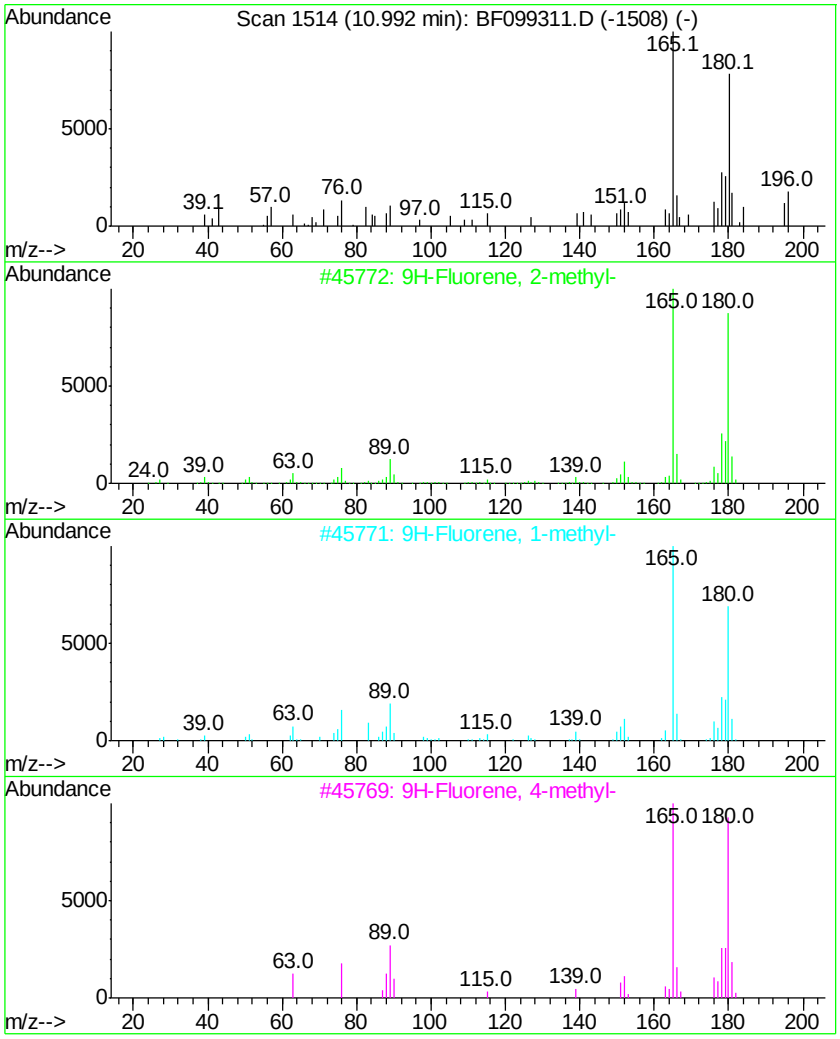
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

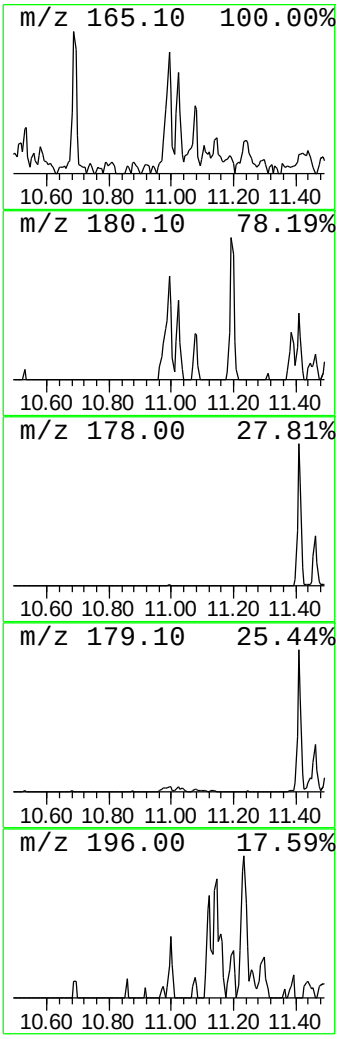
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	2.11 ng	56203	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	62





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Acq On : 10 Oct 2017 20:25
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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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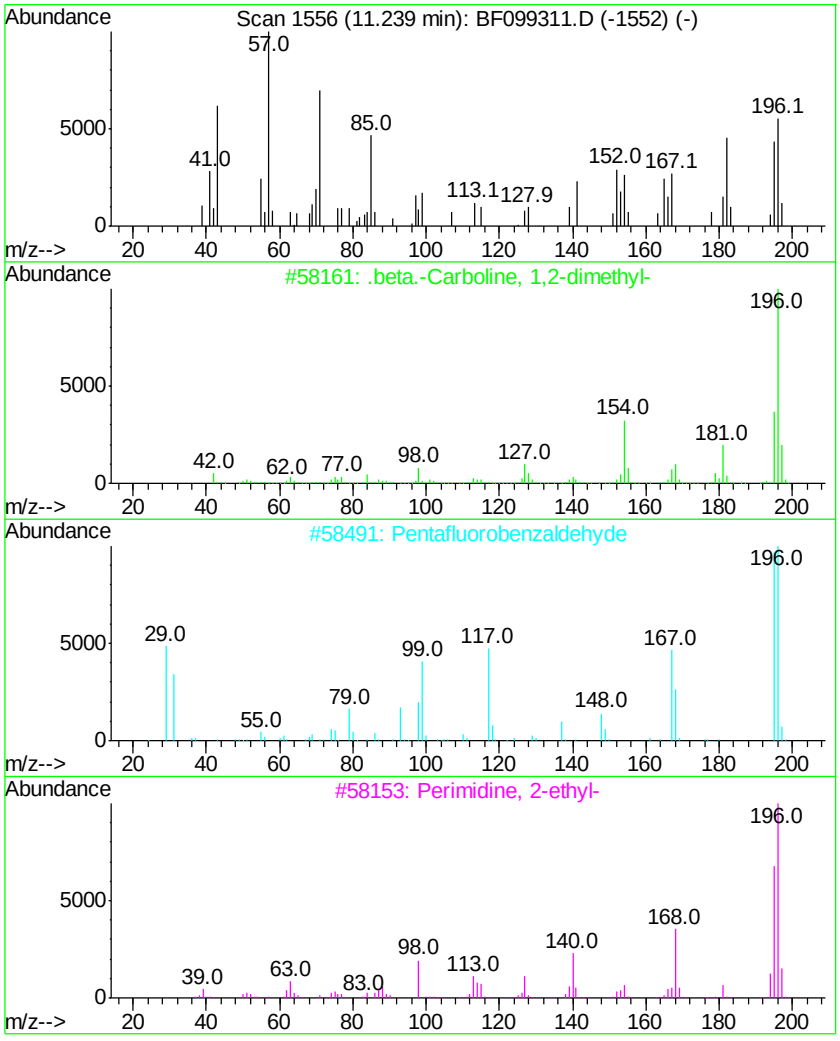
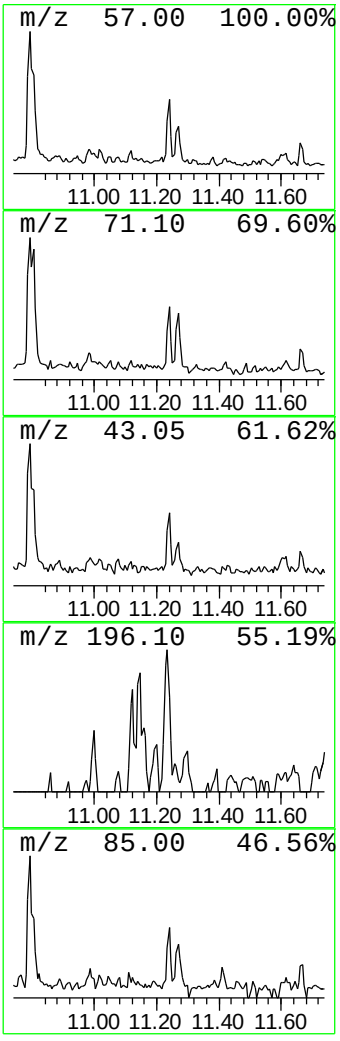
Peak Number 8 unknown11.24 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.46 ng	65447	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	18
2	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	18
3	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	18
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	18
5	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	18





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Operator : SJ/JU
Sample : I5691-05
Misc :
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ClientSampleId : ENV-117-1(0-5)

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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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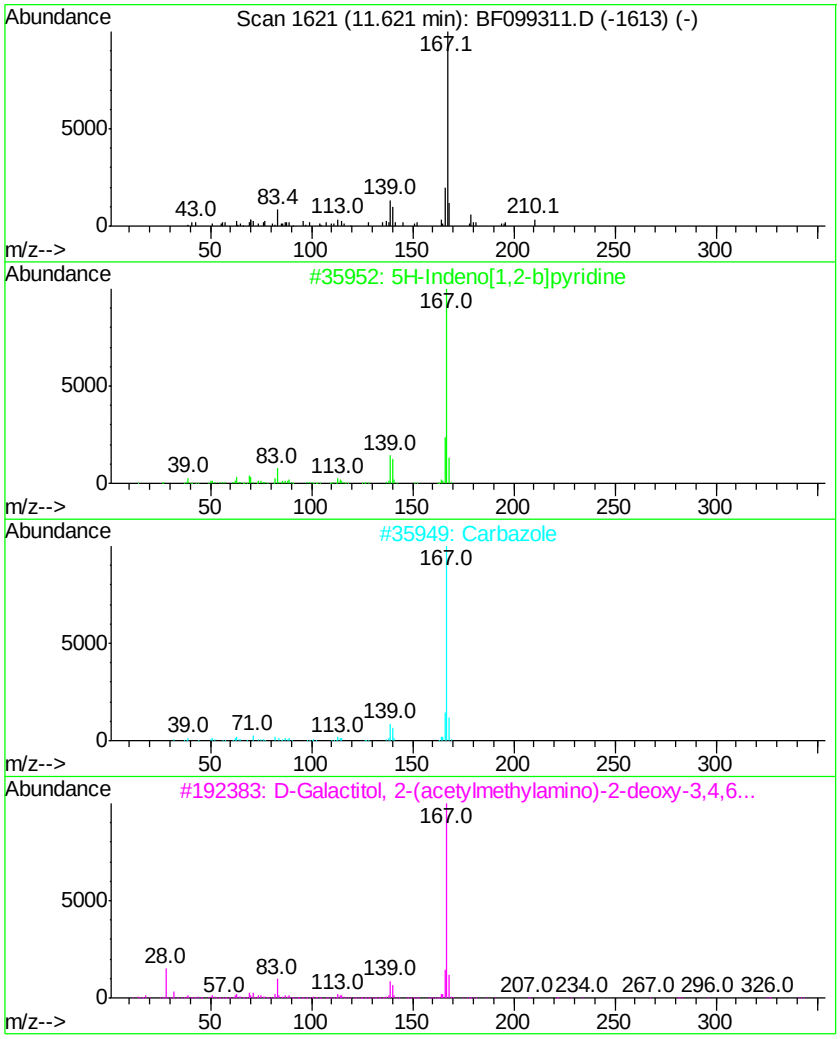
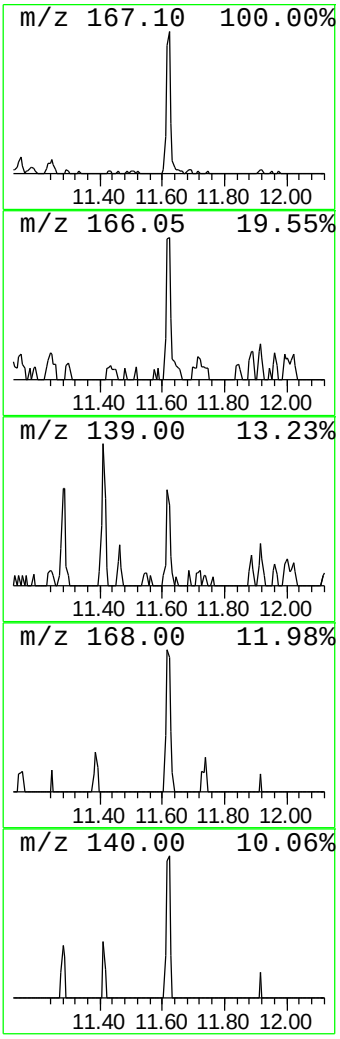
Peak Number 9 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.09 ng	82139	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	83
2	Carbazole	167	C12H9N	000086-74-8	72
3	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72
4	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	72
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	72





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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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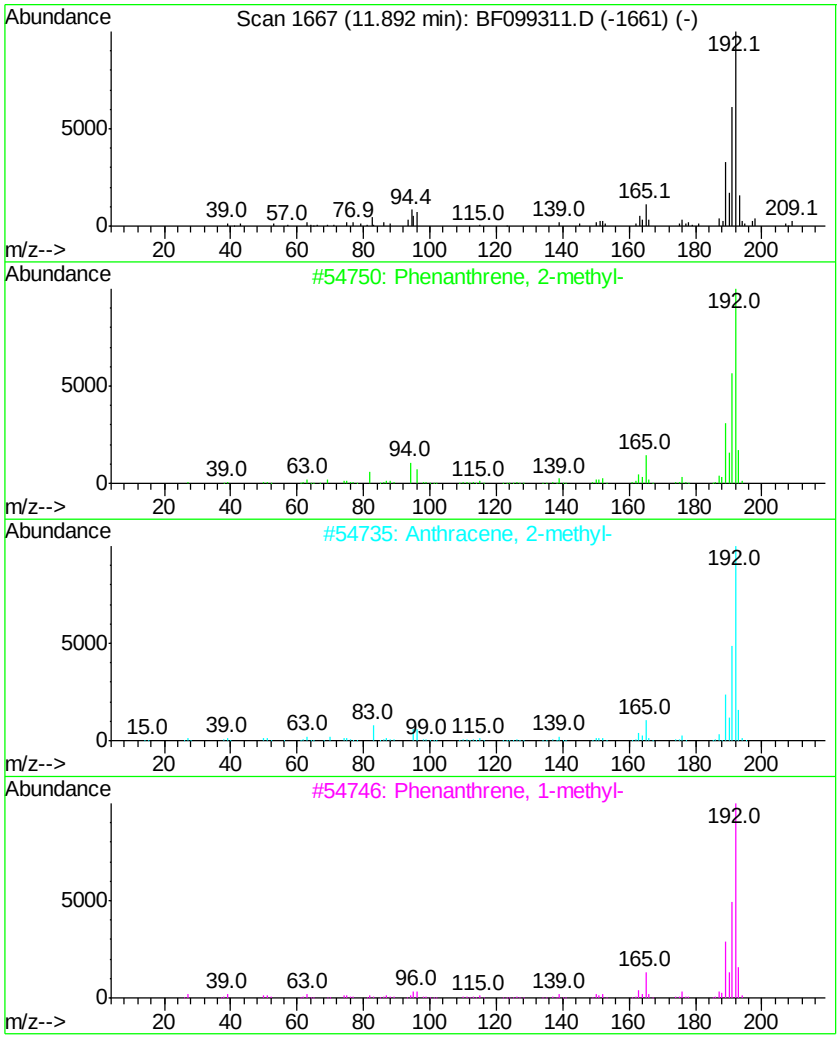
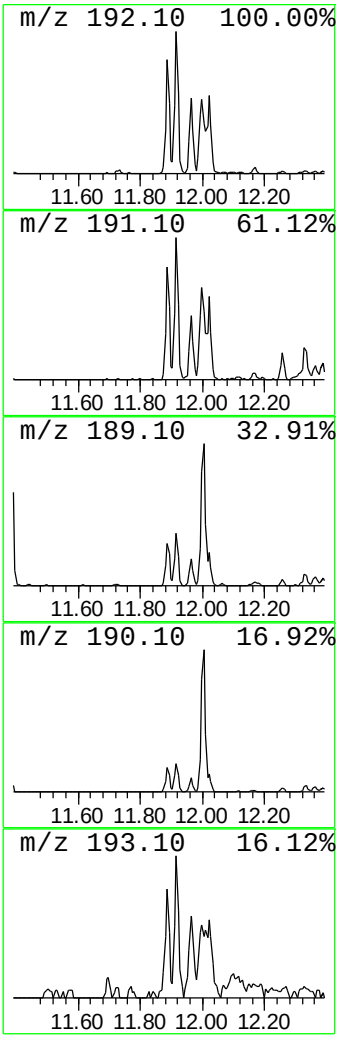
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.17 ng	110907	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

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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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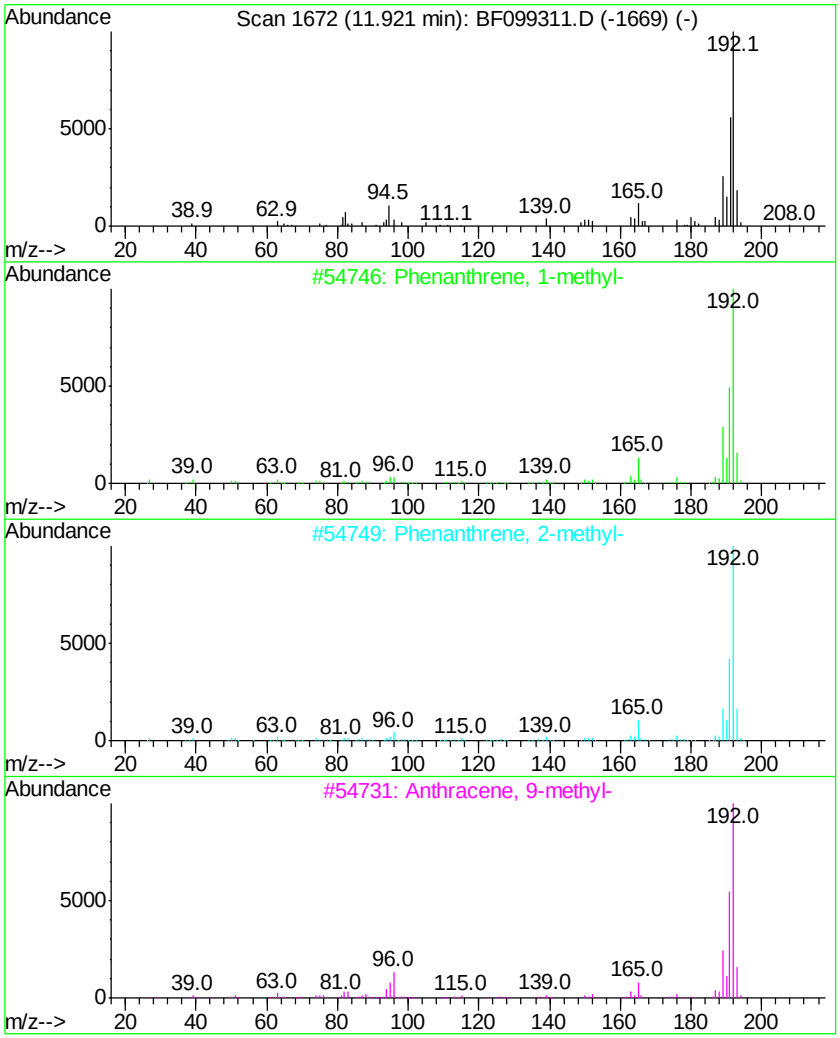
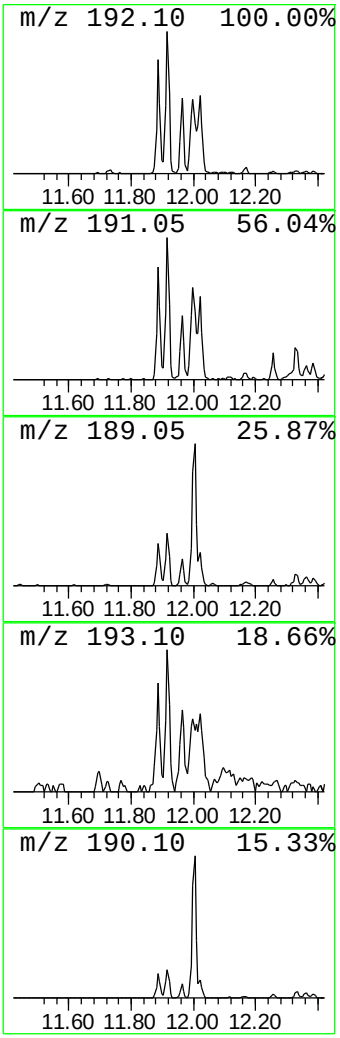
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.60 ng	122354	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

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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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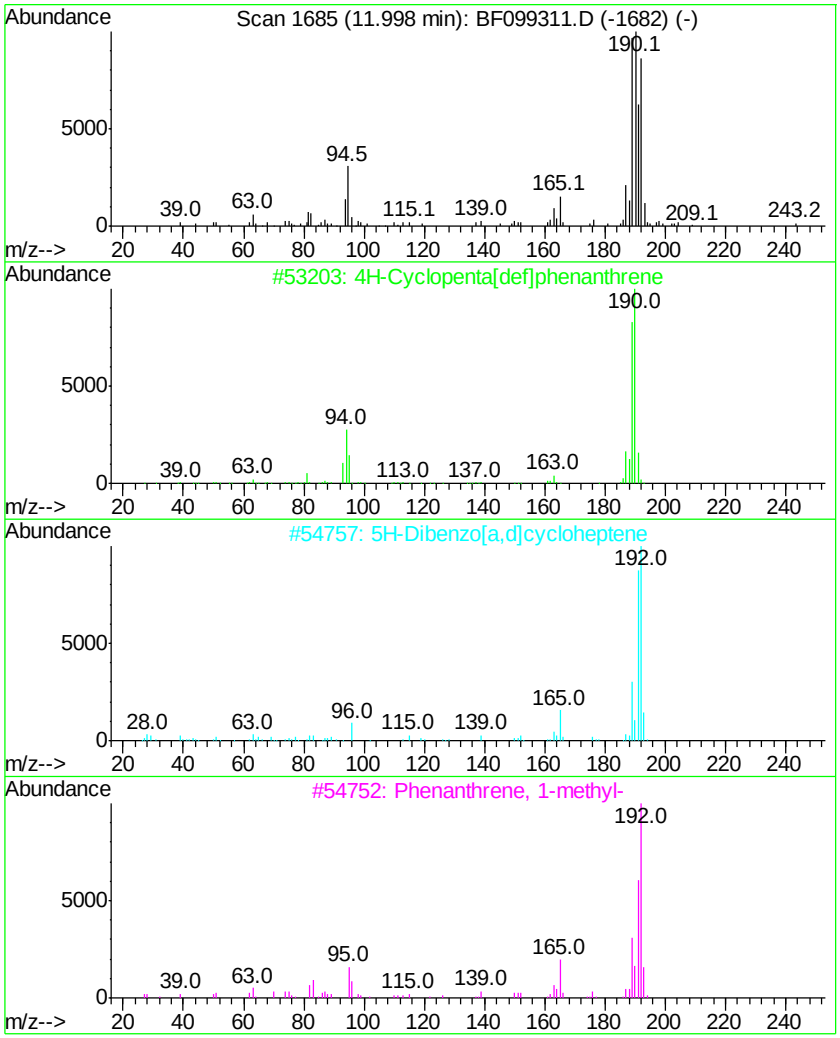
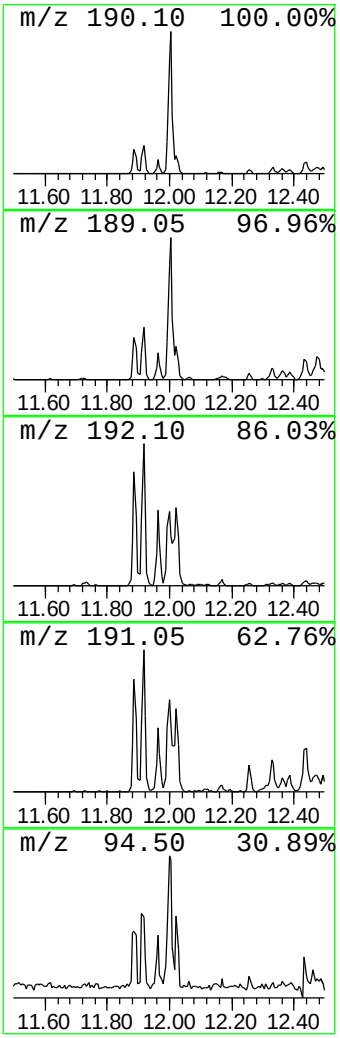
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.35 ng	195745	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





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ClientSampleId : ENV-117-1(0-5)

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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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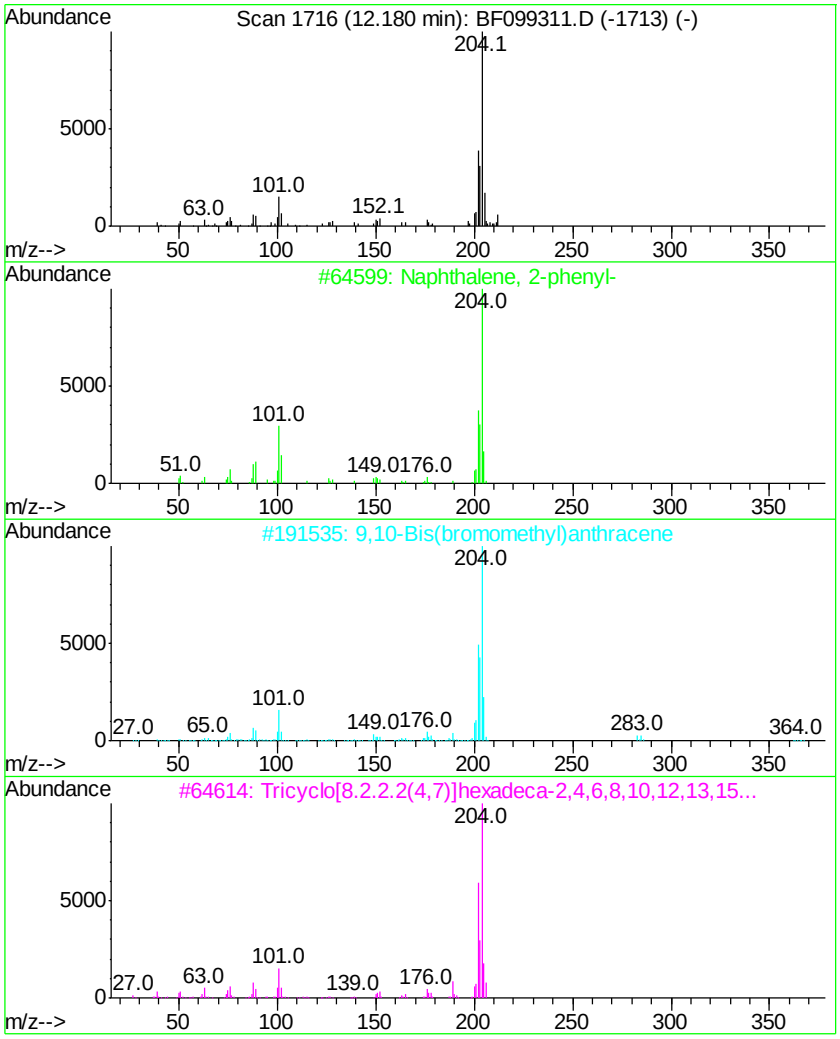
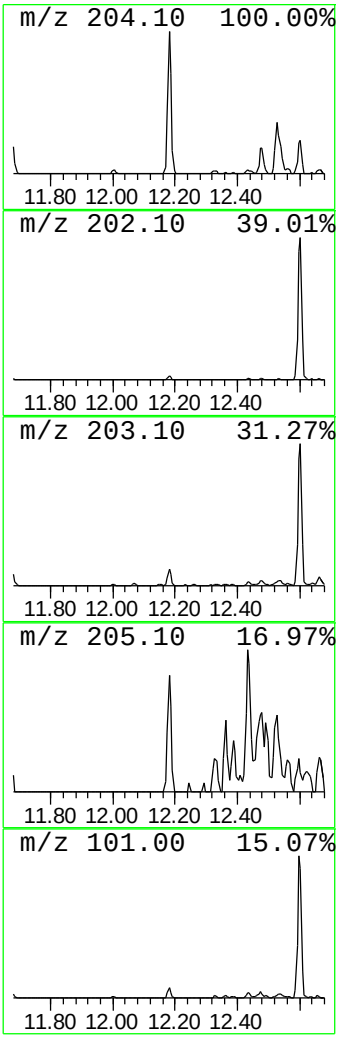
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.28 ng	60768	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78





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ClientSampleId : ENV-117-1(0-5)

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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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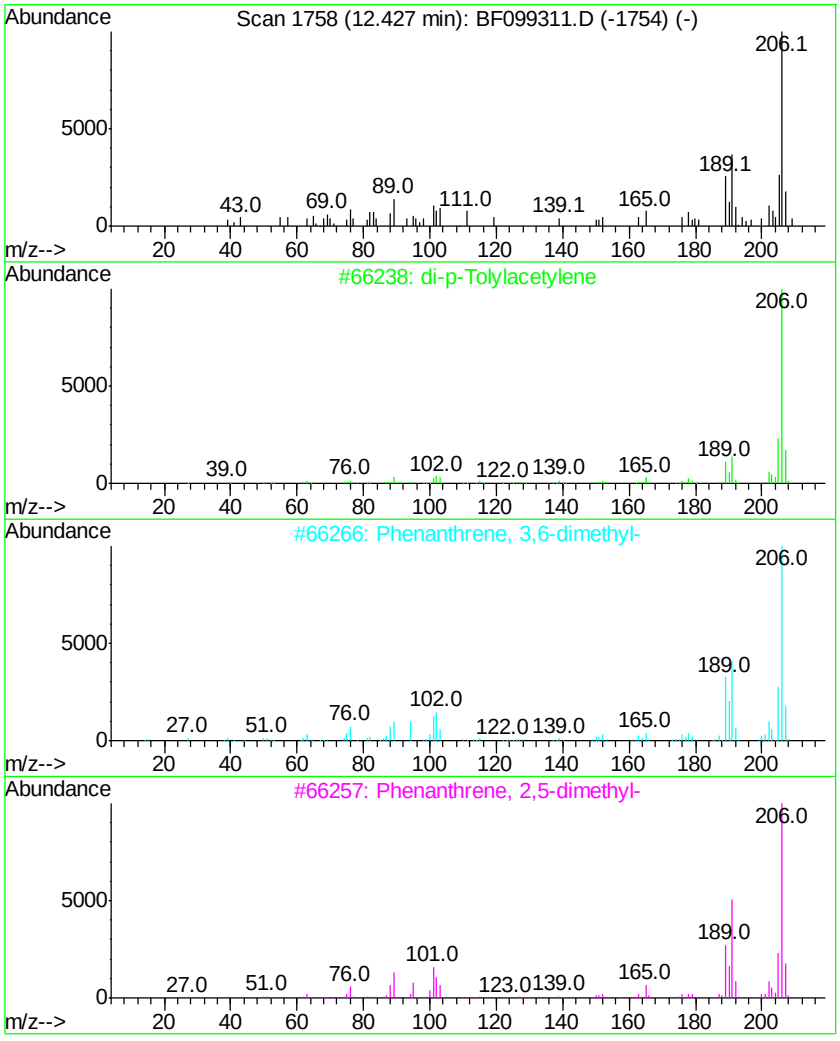
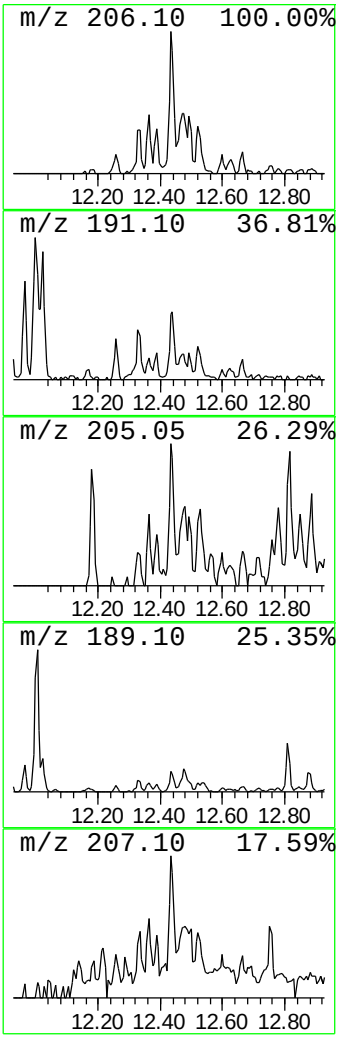
Peak Number 15 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.49 ng	92779	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

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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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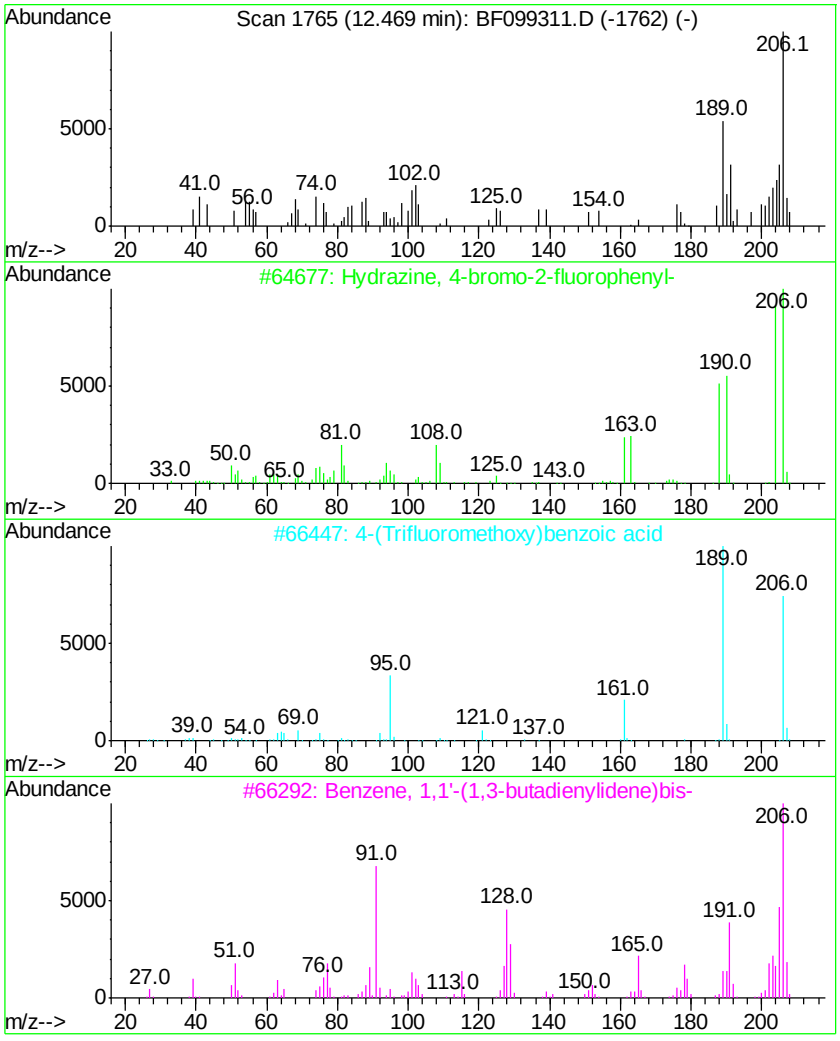
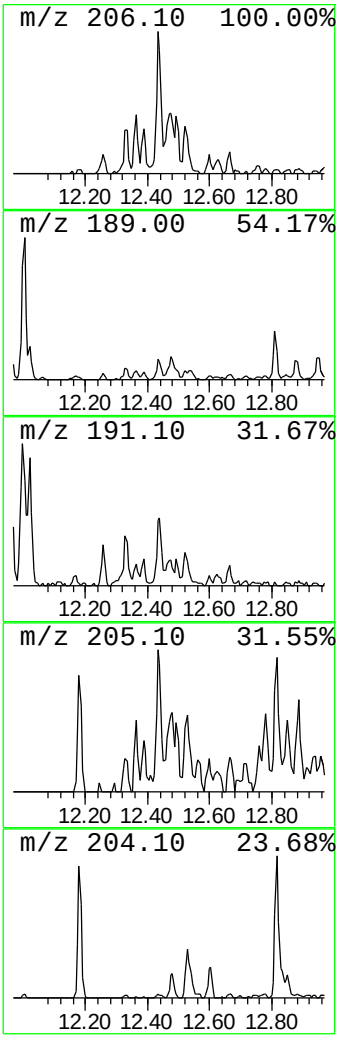
Peak Number 16 unknown12.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.92 ng	77698	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	35
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	25
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	22





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TIC Integration Parameters: LSCINT.P

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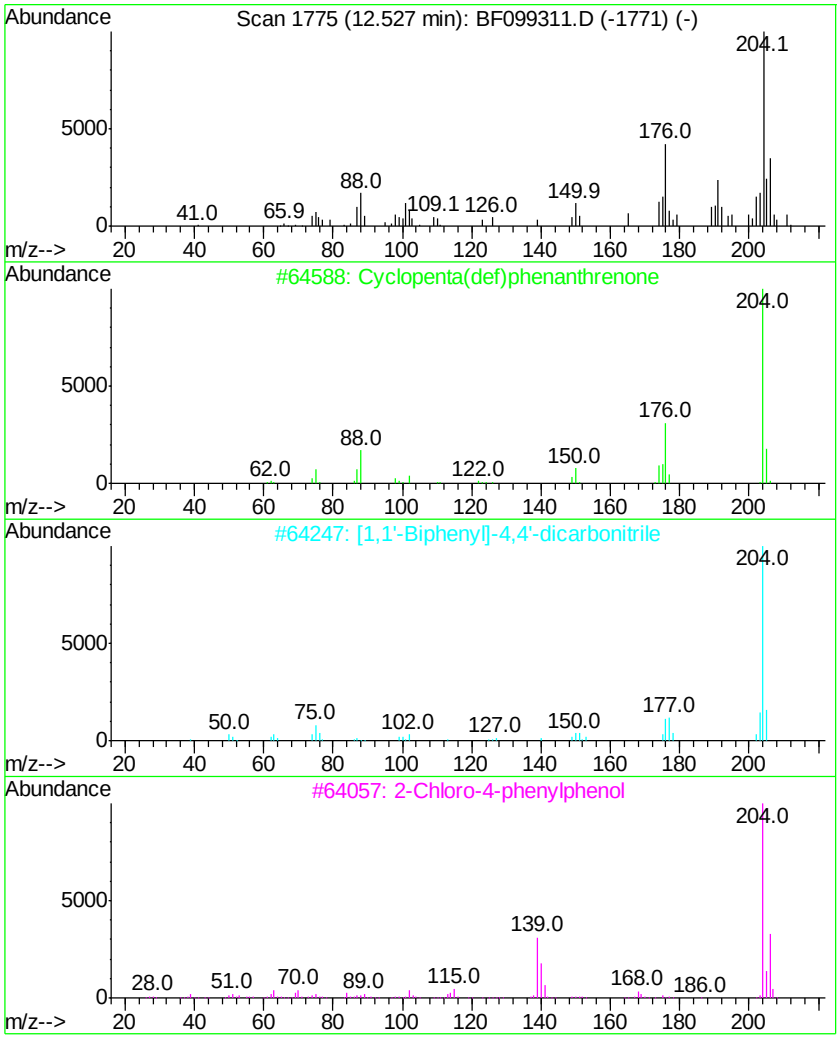
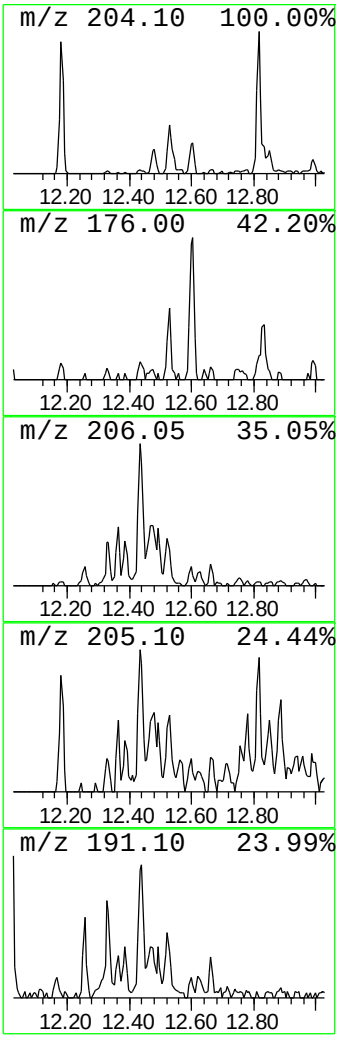
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.19 ng	58280	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38





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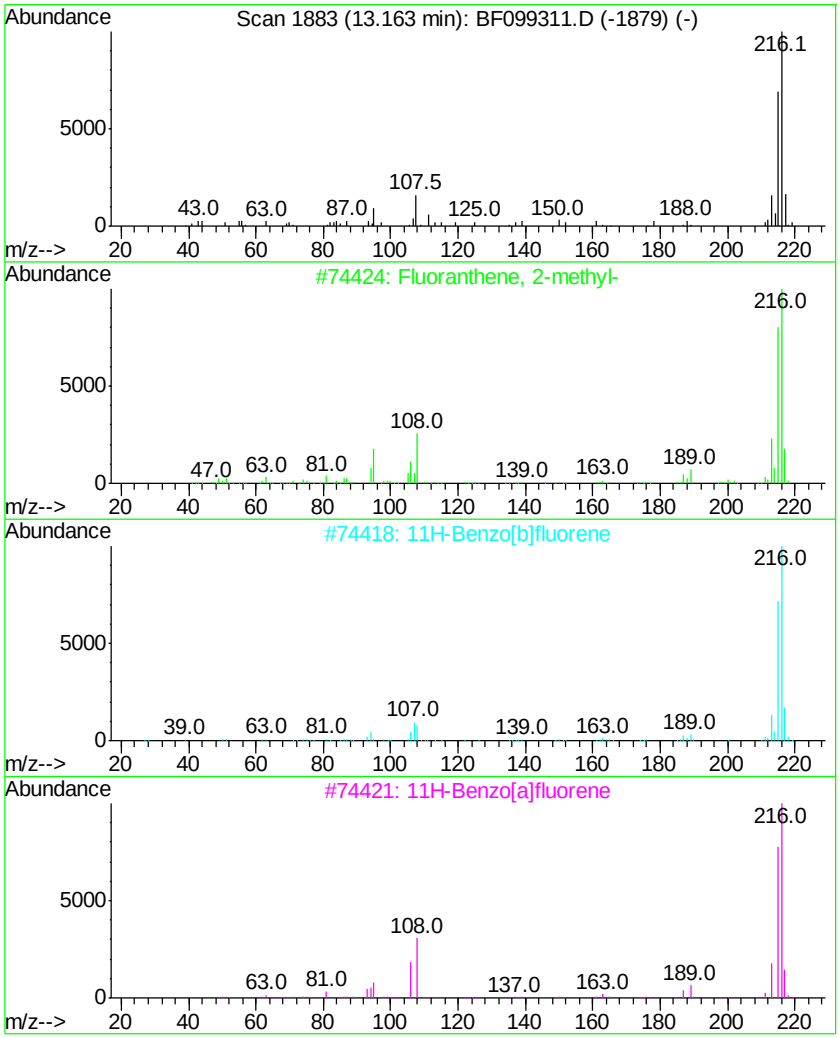
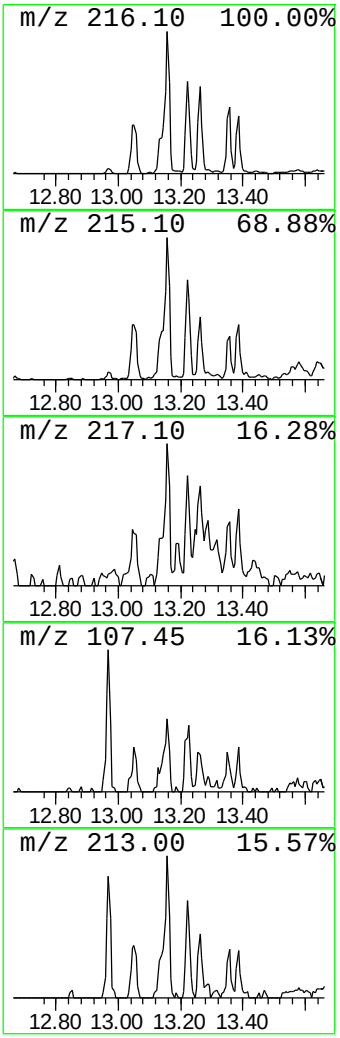
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.41 ng	121790	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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ClientSampleId : ENV-117-1(0-5)

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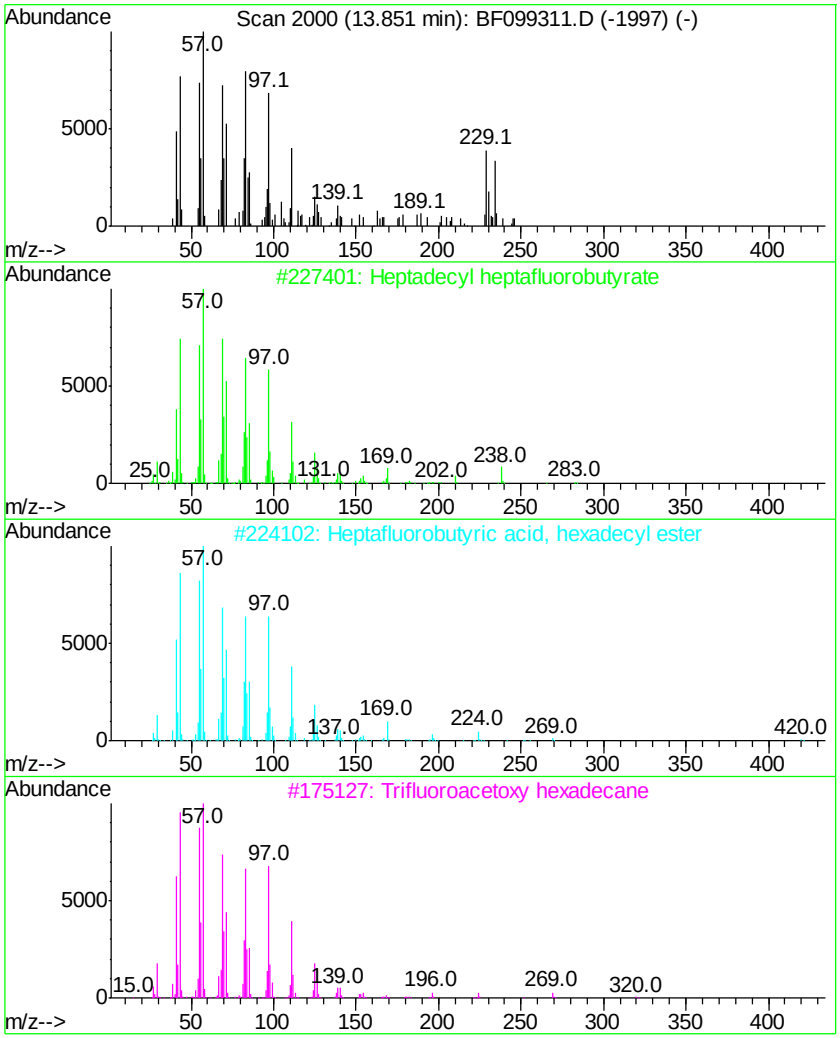
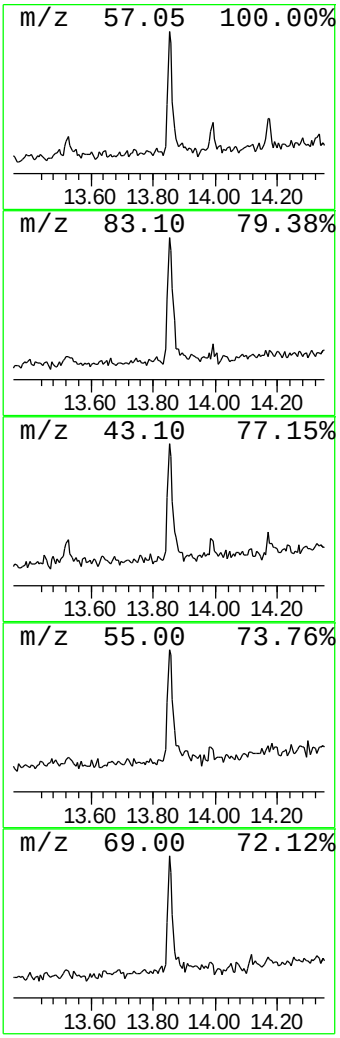
Peak Number 19 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.74 ng	138715	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76
4	1-Heptacosanol	396	C27H56O	002004-39-9	76
5	Octacosanol	410	C28H58O	000557-61-9	76





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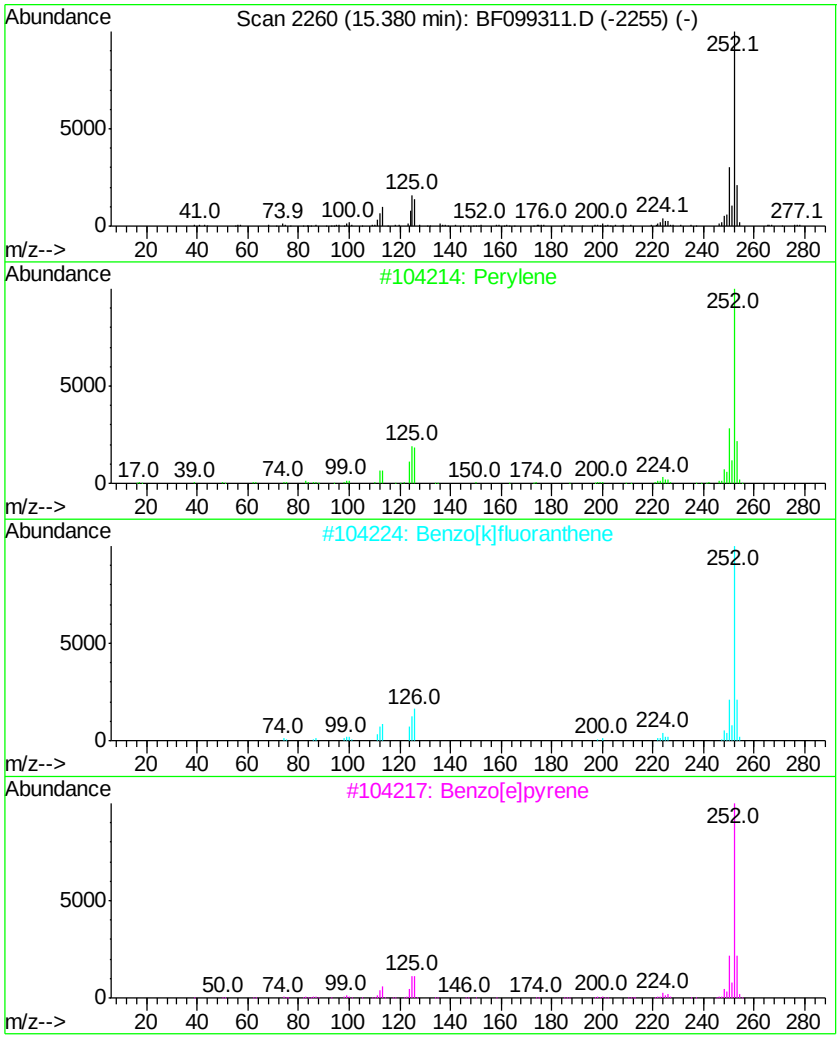
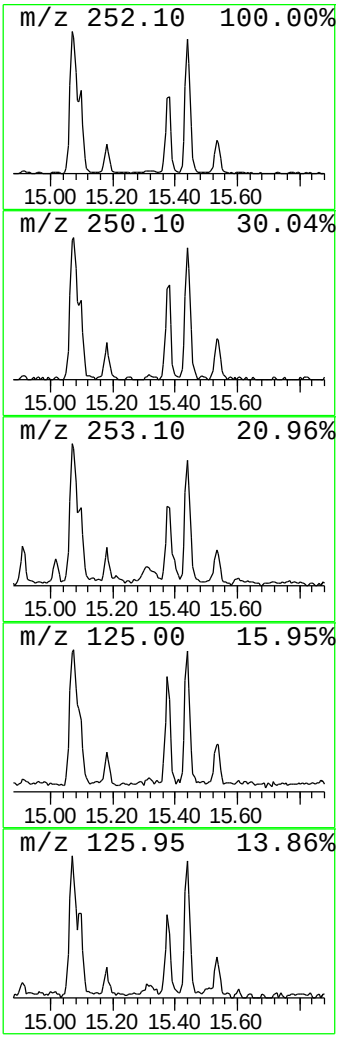
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	7.55 ng	184822	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

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Data File : BF099311.D
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Operator : SJ/JU
Sample : I5691-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-117-1(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
2-Pentanone, 4-hy...	5.09	13.6	ng	360384	1	6.86	532088	20.0
unknown6.63	6.63	83.6	ng	2225060	1	6.86	532088	20.0
Dodecane	10.32	2.3	ng	72965	3	9.90	645823	20.0
Dodecane, 1-iodo-	10.79	4.5	ng	118725	4	11.39	532429	20.0
9H-Fluorene, 2-me...	10.99	2.1	ng	56203	4	11.39	532429	20.0
unknown11.24	11.24	2.5	ng	65447	4	11.39	532429	20.0
5H-Indeno[1,2-b]p...	11.62	3.1	ng	82139	4	11.39	532429	20.0
Phenanthrene, 2-m...	11.89	4.2	ng	110907	4	11.39	532429	20.0
Phenanthrene, 1-m...	11.92	4.6	ng	122354	4	11.39	532429	20.0
4H-Cyclopenta[def...	12.00	7.3	ng	195745	4	11.39	532429	20.0
Naphthalene, 2-ph...	12.18	2.3	ng	60768	4	11.39	532429	20.0
di-p-Tolylacetylene	12.43	3.5	ng	92779	4	11.39	532429	20.0
unknown12.47	12.47	2.9	ng	77698	4	11.39	532429	20.0
Cyclopenta(def)ph...	12.53	2.2	ng	58280	4	11.39	532429	20.0
Fluoranthene, 2-m...	13.16	2.4	ng	121790	5	14.03	1010980	20.0
Heptadecyl heptaf...	13.85	2.7	ng	138715	5	14.03	1010980	20.0
Perylene	15.38	7.5	ng	184822	6	15.50	489339	20.0