LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101584.D
Acq On : 20 Dec 2017 22:41
Operator : SJ/JU
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

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-BF121417.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	3.857	296	301	314	rBV	160017	253438	5.23%	0.540%
2	5.028	497	500	514	rBV	363927	707407	14.59%	1.507%
3	5.275	537	542	546	rBV	44076	54436	1.12%	0.116%
4	5.381	555	560	562	rBV3	52751	66532	1.37%	0.142%
5	5.428	563	568	586	rVB	3534569	4446515	91.73%	9.475%
6	5.640	601	604	610	rBV	68033	74988	1.55%	0.160%
7	5.798	622	631	635	rBV6	21579	49693	1.03%	0.106%
8	6.445	736	741	758	rBV	3383120	4847162	100.00%	10.329%
9	6.569	758	762	767	rVV	3916236	4137498	85.36%	8.817%
10	6.616	767	770	777	rVB	144910	149571	3.09%	0.319%
11	6.792	797	800	806	rBV	1113984	1059074	21.85%	2.257%
12	6.951	823	827	839	rVB	3176158	3267253	67.41%	6.962%
13	7.057	839	845	849	rVV3	67116	92211	1.90%	0.196%
14	7.110	851	854	861	rVB3	29690	53233	1.10%	0.113%
15	7.222	870	873	881	rBV	198080	329802	6.80%	0.703%
16	7.369	893	898	906	rBV	2592255	2905996	59.95%	6.192%
17	7.816	970	974	979	rBV3	114068	168621	3.48%	0.359%
18	7.875	979	984	993	rVB4	61933	131836	2.72%	0.281%
19	8.045	1009	1013	1015	rBV	63338	62842	1.30%	0.134%
20	8.075	1015	1018	1021	rVV	1373614	1452267	29.96%	3.095%
21	8.098	1021	1022	1029	rVB	596116	427046	8.81%	0.910%
22	8.657	1114	1117	1120	rVB2	68385	60977	1.26%	0.130%
23	8.792	1137	1140	1143	rBV	104406	90488	1.87%	0.193%
24	8.892	1151	1157	1163	rBV	162679	168228	3.47%	0.358%
25	9.151	1196	1201	1204	rBV	3863138	3801513	78.43%	8.101%
26	9.222	1210	1213	1216	rVB	76286	58877	1.21%	0.125%
27	9.257	1216	1219	1222	rBV	78303	78719	1.62%	0.168%
28	9.357	1233	1236	1240	rVB	41265	52677	1.09%	0.112%
29	9.416	1243	1246	1251	rBV	36407	57134	1.18%	0.122%
30	9.492	1254	1259	1262	rBV	64535	67119	1.38%	0.143%
31	9.545	1266	1268	1274	rVB	261646	233513	4.82%	0.498%
32	9.692	1290	1293	1299	rVB	79493	73258	1.51%	0.156%
33	9.751	1299	1303	1306	rBV	111518	88895	1.83%	0.189%
34	9.833	1311	1317	1320	rVV	1494736	1418161	29.26%	3.022%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.863	1320	1322	1330	rVB	369278	341119	7.04%	0.727%
36	9.986	1338	1343	1345	rBV3	52606	64283	1.33%	0.137%
37	10.039	1348	1352	1355	rVV2	69032	84243	1.74%	0.180%
38	10.075	1355	1358	1362	rVV3	41398	53869	1.11%	0.115%
39	10.251	1381	1388	1391	rBV	147456	181841	3.75%	0.387%
40	10.380	1403	1410	1415	rBV	165597	186133	3.84%	0.397%
41	10.463	1422	1424	1427	rVB	83598	81105	1.67%	0.173%
42	10.628	1448	1452	1465	rVV	2181574	2290702	47.26%	4.881%
43	10.722	1465	1468	1474	rBV	163351	178142	3.68%	0.380%
44	10.928	1497	1503	1506	rBV3	68616	128425	2.65%	0.274%
45	10.957	1506	1508	1511	rVV2	65728	65660	1.35%	0.140%
46	11.010	1514	1517	1520	rVB2	56205	59641	1.23%	0.127%
47	11.169	1541	1544	1547	rBV	110071	96687	1.99%	0.206%
48	11.322	1566	1570	1572	rBV	1361129	1202748	24.81%	2.563%
49	11.345	1572	1574	1578	rVV	897041	777809	16.05%	1.657%
50	11.398	1581	1583	1586	rVV	163175	156021	3.22%	0.332%
51	11.439	1587	1590	1594	rVB4	40616	63661	1.31%	0.136%
52	11.563	1608	1611	1614	rBV2	73039	78507	1.62%	0.167%
53	11.598	1614	1617	1618	rBV	63809	57550	1.19%	0.123%
54	11.827	1653	1656	1658	rBV	120895	149677	3.09%	0.319%
55	11.857	1658	1661	1663	rVB	143430	142654	2.94%	0.304%
56	11.939	1672	1675	1677	rBV	230326	234830	4.84%	0.500%
57	12.116	1703	1705	1710	rVB	126758	134341	2.77%	0.286%
58	12.163	1711	1713	1717	rVB2	156210	147265	3.04%	0.314%
59	12.333	1739	1742	1746	rVB3	59458	80417	1.66%	0.171%
60	12.374	1746	1749	1754	rBV2	92763	126410	2.61%	0.269%
61	12.539	1774	1777	1780	rBV	903516	806485	16.64%	1.719%
62	12.563	1780	1781	1786	rVB2	124966	108884	2.25%	0.232%
63	12.692	1800	1803	1805	rBV2	54918	59854	1.23%	0.128%
64	12.769	1810	1816	1822	rBV	889600	985782	20.34%	2.101%
65	12.822	1822	1825	1828	rVB	56614	57479	1.19%	0.122%
66	12.904	1835	1839	1843	rBV	2700678	2672401	55.13%	5.695%
67	12.992	1849	1854	1859	rBV3	64618	98840	2.04%	0.211%
68	13.039	1859	1862	1864	rBV2	57430	52848	1.09%	0.113%
69	13.098	1870	1872	1878	rVB3	130393	162479	3.35%	0.346%
70	13.163	1880	1883	1886	rVV	87717	87361	1.80%	0.186%
71	13.204	1887	1890	1897	rVB2	93790	116976	2.41%	0.249%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.298	1903	1906	1909	rBV	70949	67801	1.40%	0.144%
73	13.327	1909	1911	1914	rVB	60128	52993	1.09%	0.113%
74	13.786	1985	1989	1995	rVV4	211811	298447	6.16%	0.636%
75	13.857	1998	2001	2004	rVB	102856	90668	1.87%	0.193%
76	13.898	2005	2008	2011	rBV2	134865	118358	2.44%	0.252%
77	13.968	2016	2020	2023	rVV2	929499	1124475	23.20%	2.396%
78	13.998	2023	2025	2028	rVB	306416	251294	5.18%	0.535%
79	14.080	2036	2039	2041	rBV	64989	56504	1.17%	0.120%
80	15.010	2194	2197	2200	rBV	219580	327152	6.75%	0.697%
81	15.310	2245	2248	2255	rVB	165131	218604	4.51%	0.466%
82	15.374	2256	2259	2263	rBV	224291	269180	5.55%	0.574%
83	15.433	2265	2269	2274	rBV	570391	692481	14.29%	1.476%

Sum of corrected areas: 46928066

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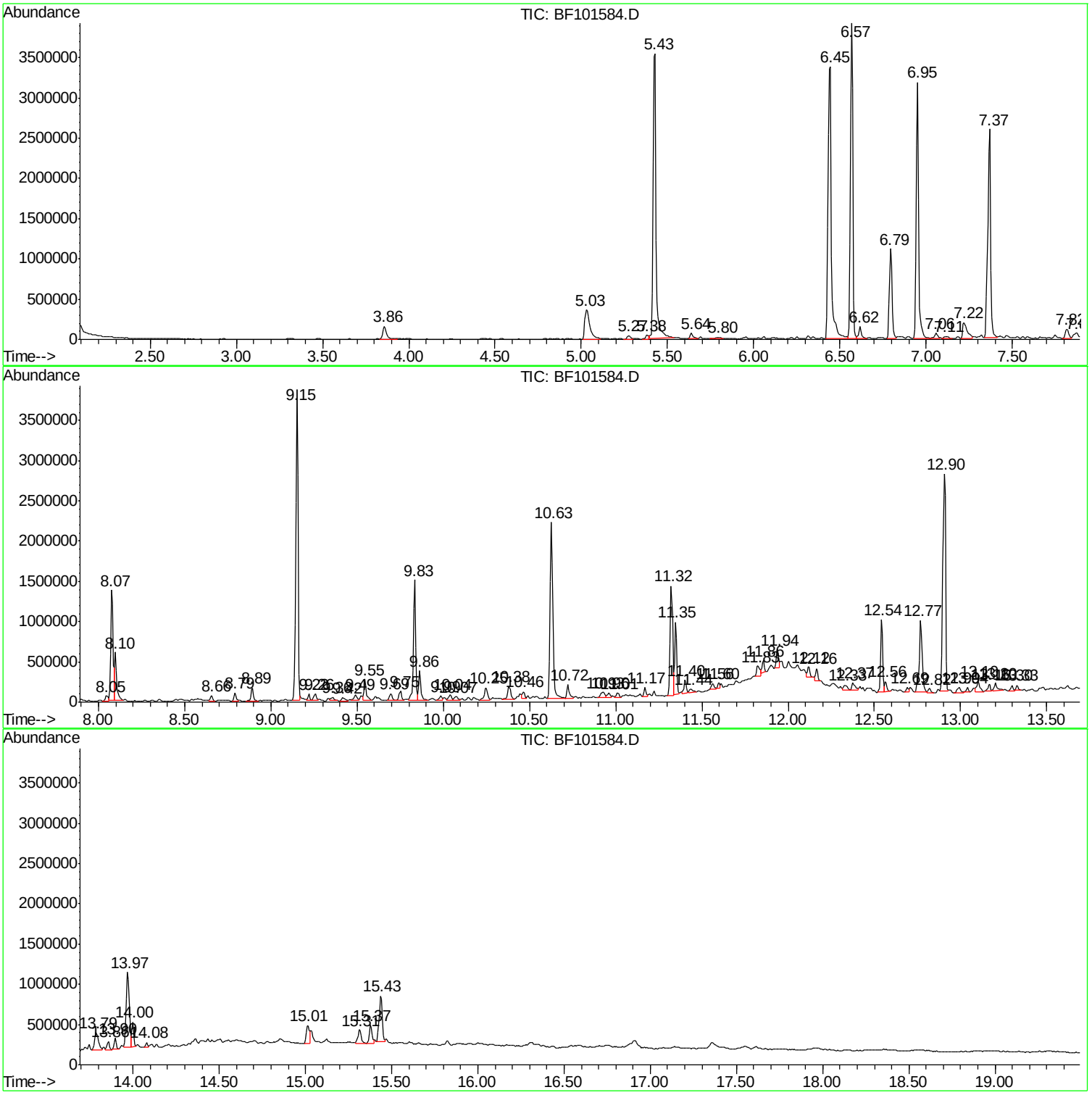
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122017\
Data File : BF101584.D
Acq On : 20 Dec 2017 22:41
Operator : SJ/JU
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

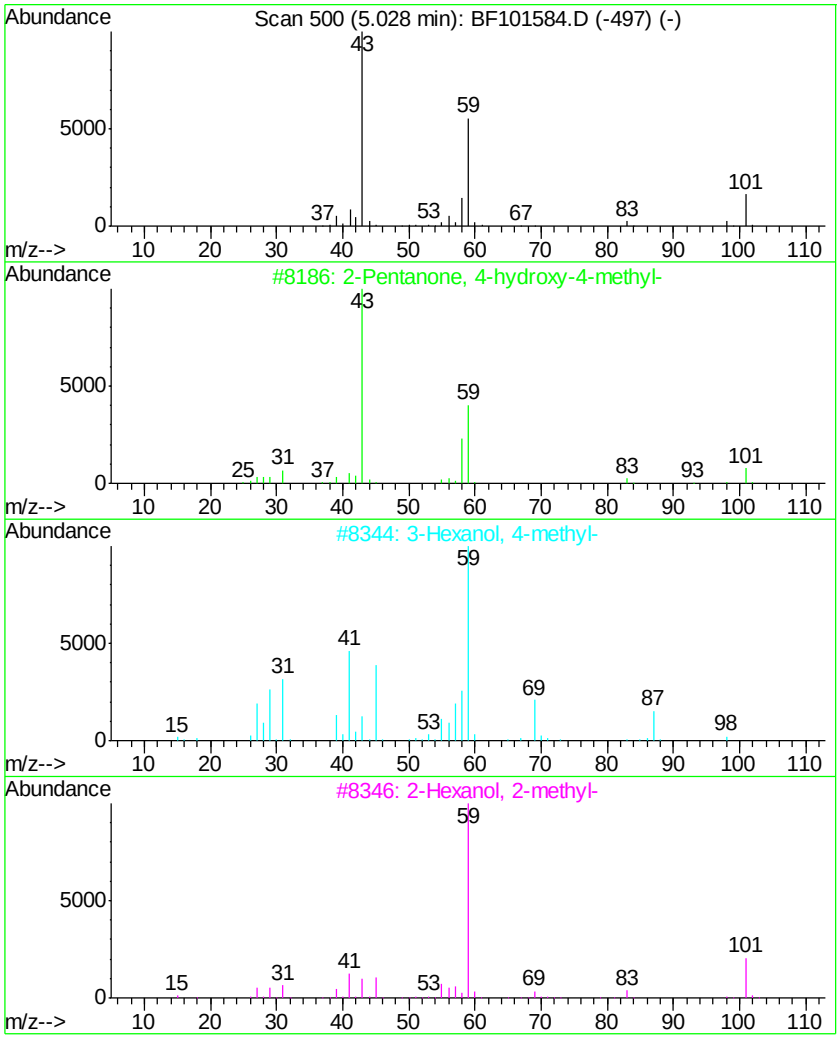
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

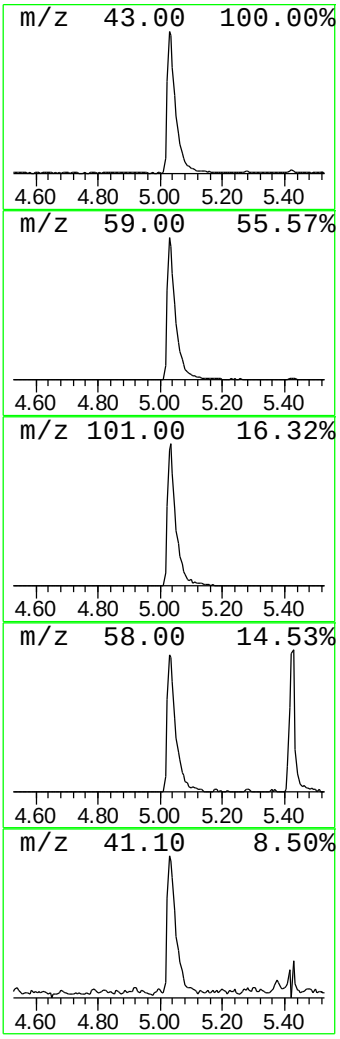
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	13.36 ng	707407	1,4-Dichlorobenzene-d4	6.79

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, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Sample : I6981-10
Misc :
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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

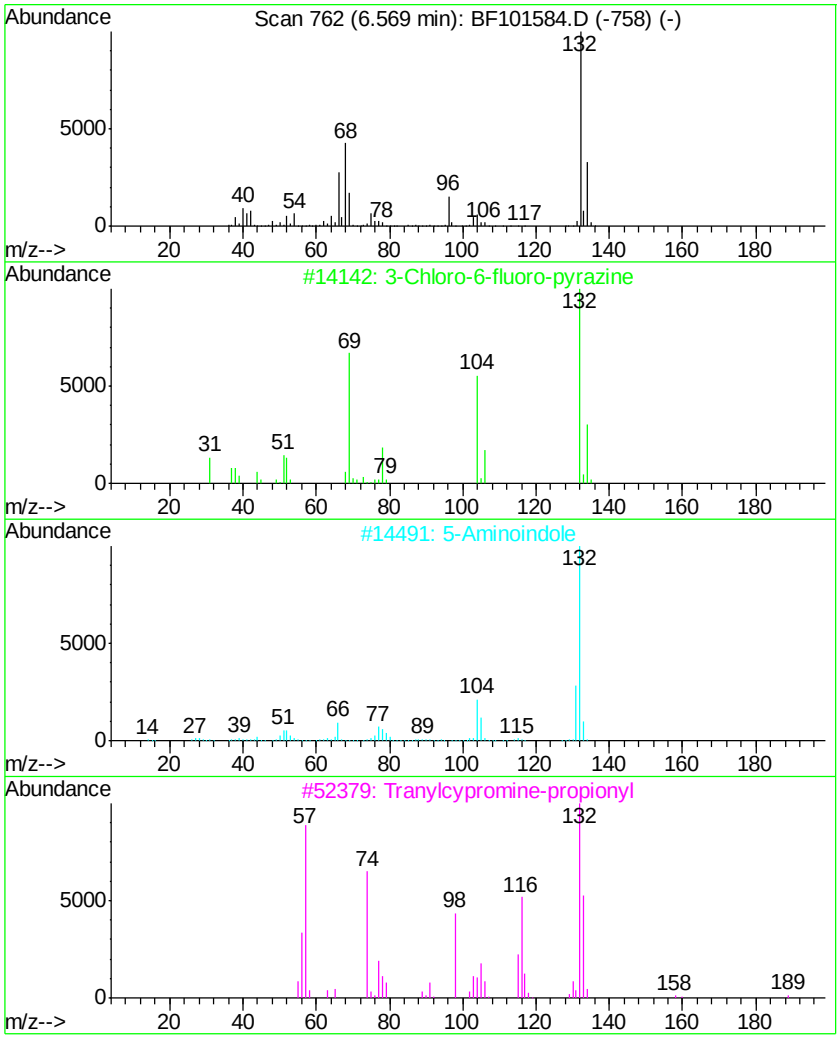
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

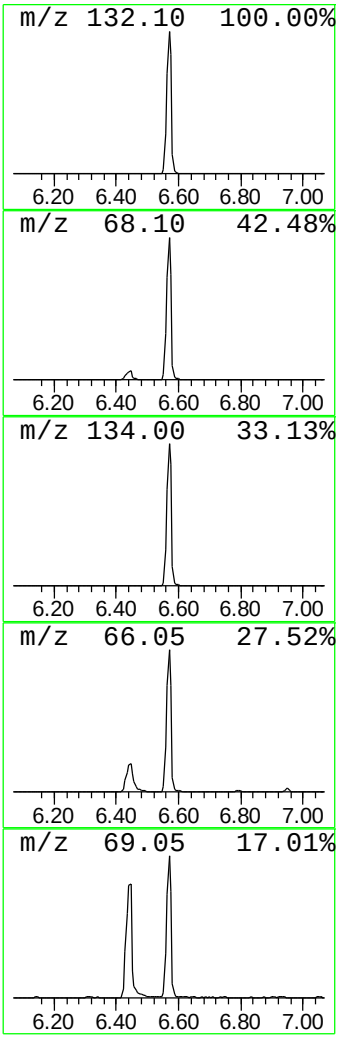
****

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	78.13 ng	4137500	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
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Sample : I6981-10
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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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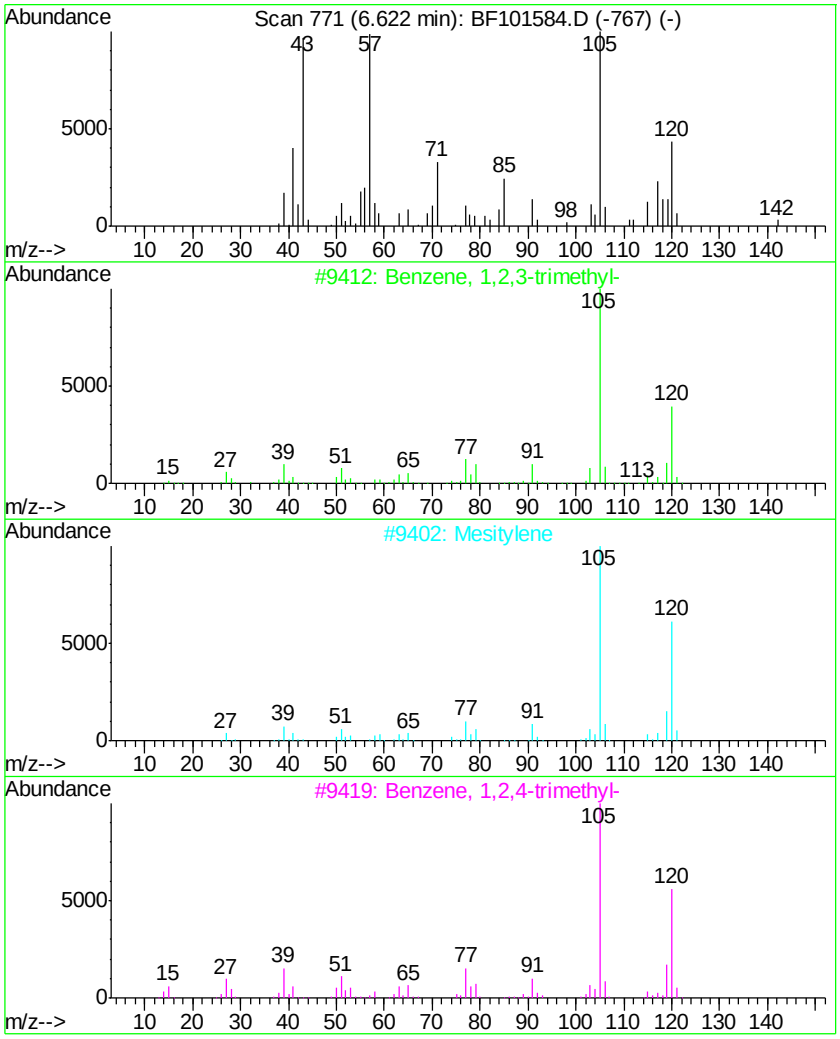
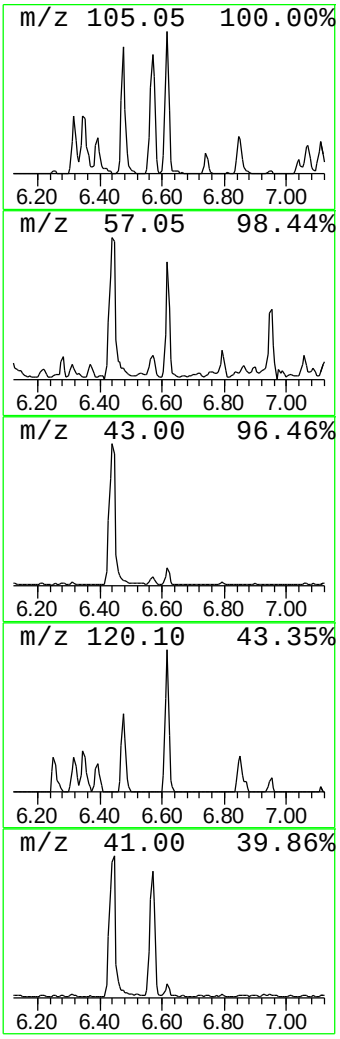
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.82 ng	149571	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	92
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5	2,4-Nonadiyne	120	C9H12	063621-15-8	64





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

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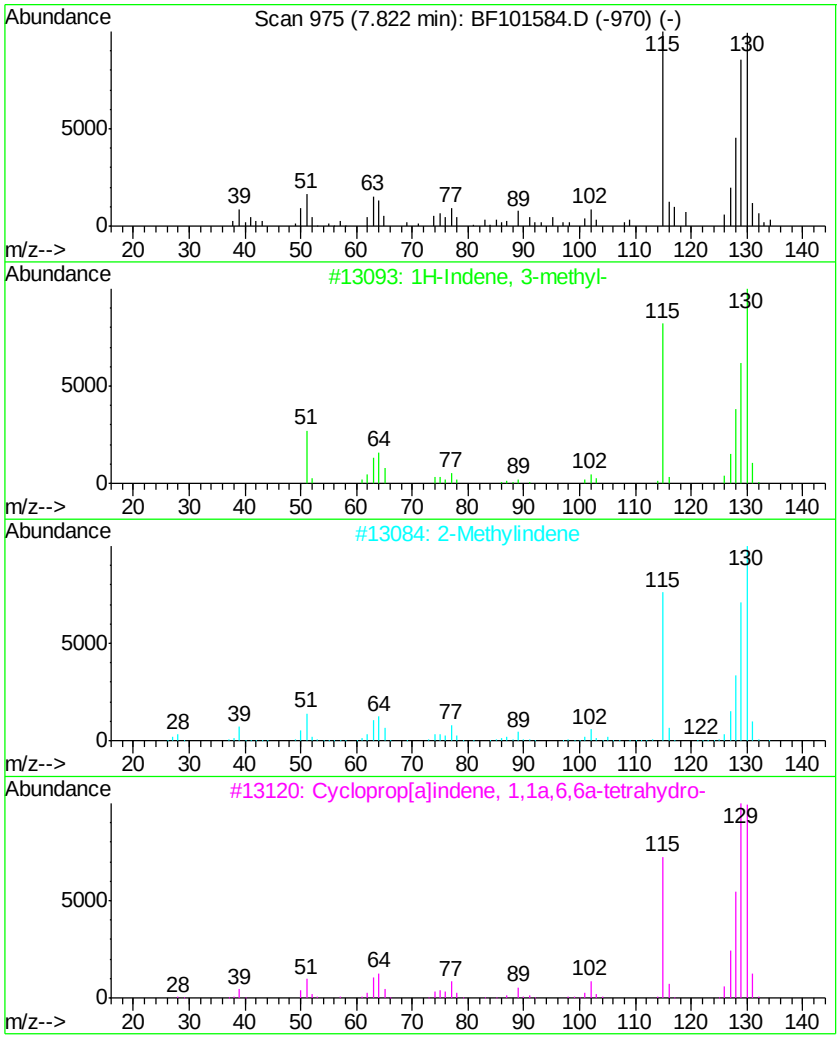
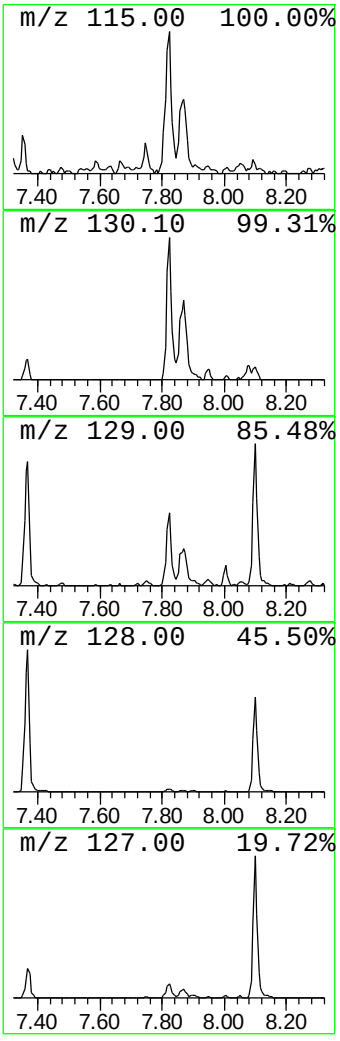
Peak Number 6 1H-Indene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.32 ng	168621	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91
2	2-Methylindene	130	C10H10	002177-47-1	91
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	78





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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

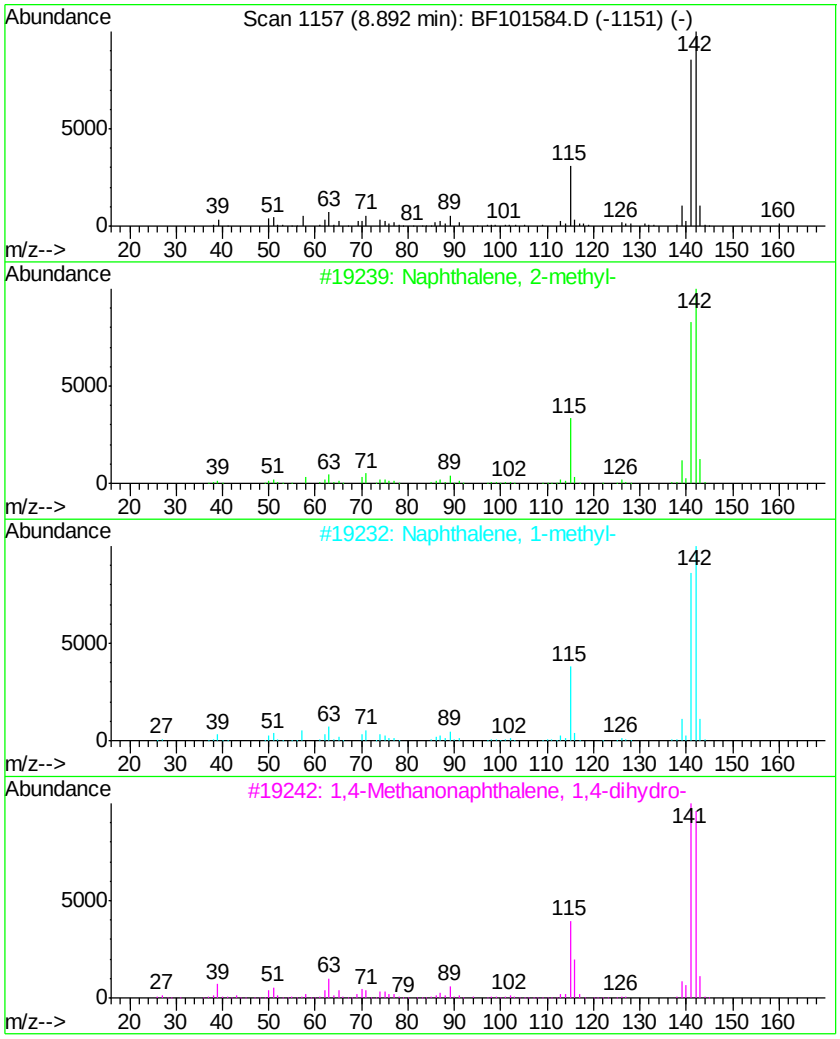
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

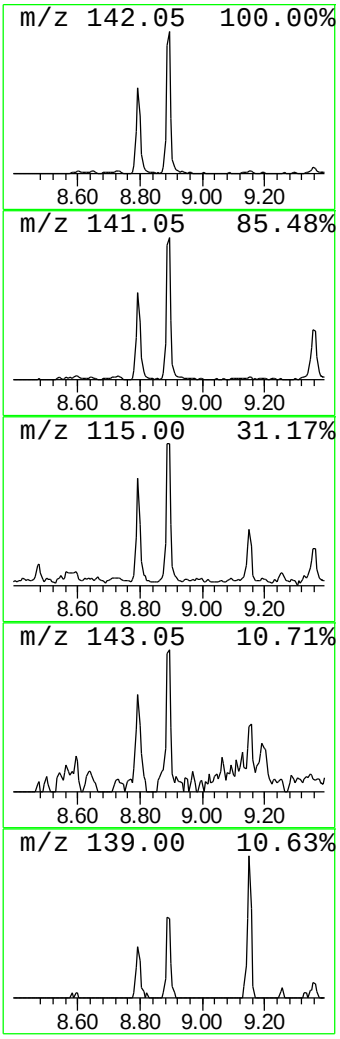
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	2.32 ng	168228	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101584.D
Acq On : 20 Dec 2017 22:41
Operator : SJ/JU
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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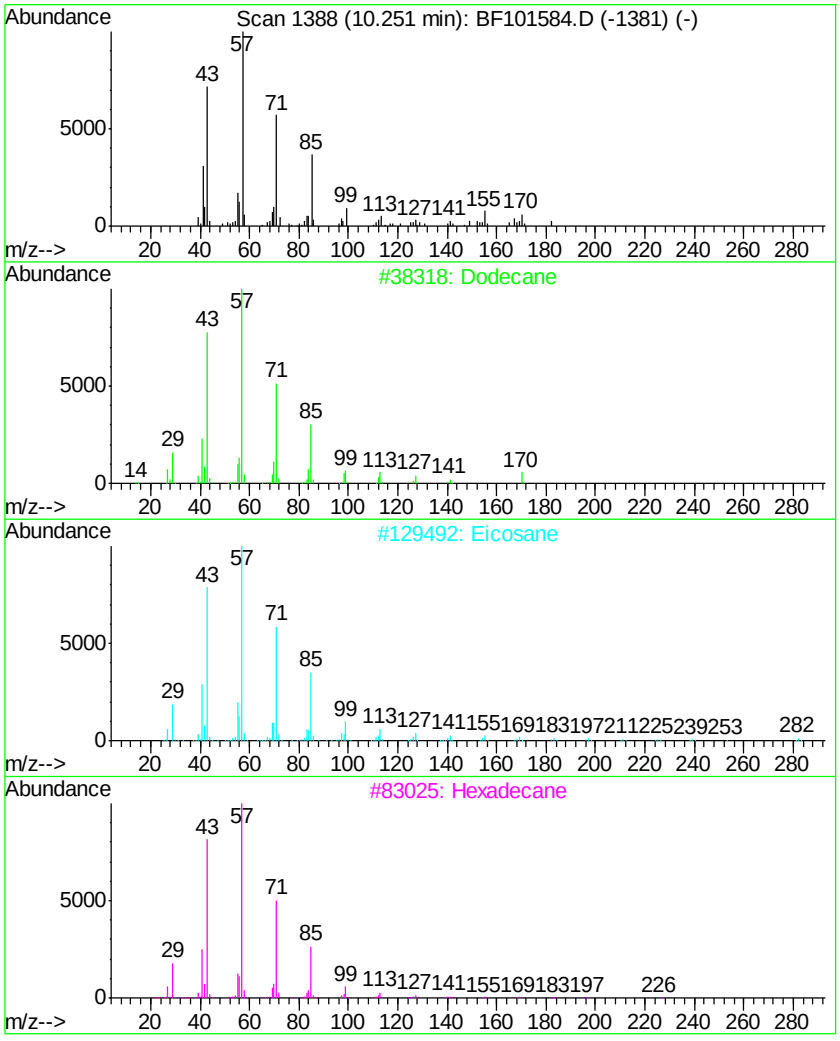
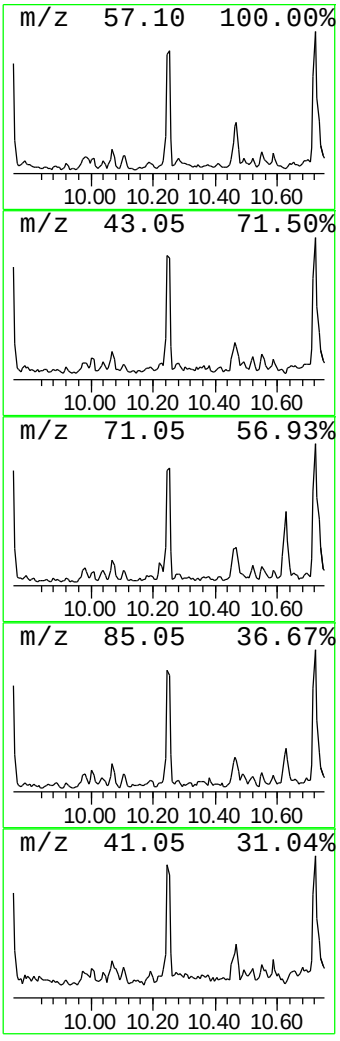
Peak Number 8 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.56 ng	181841	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Sample : I6981-10
Misc :
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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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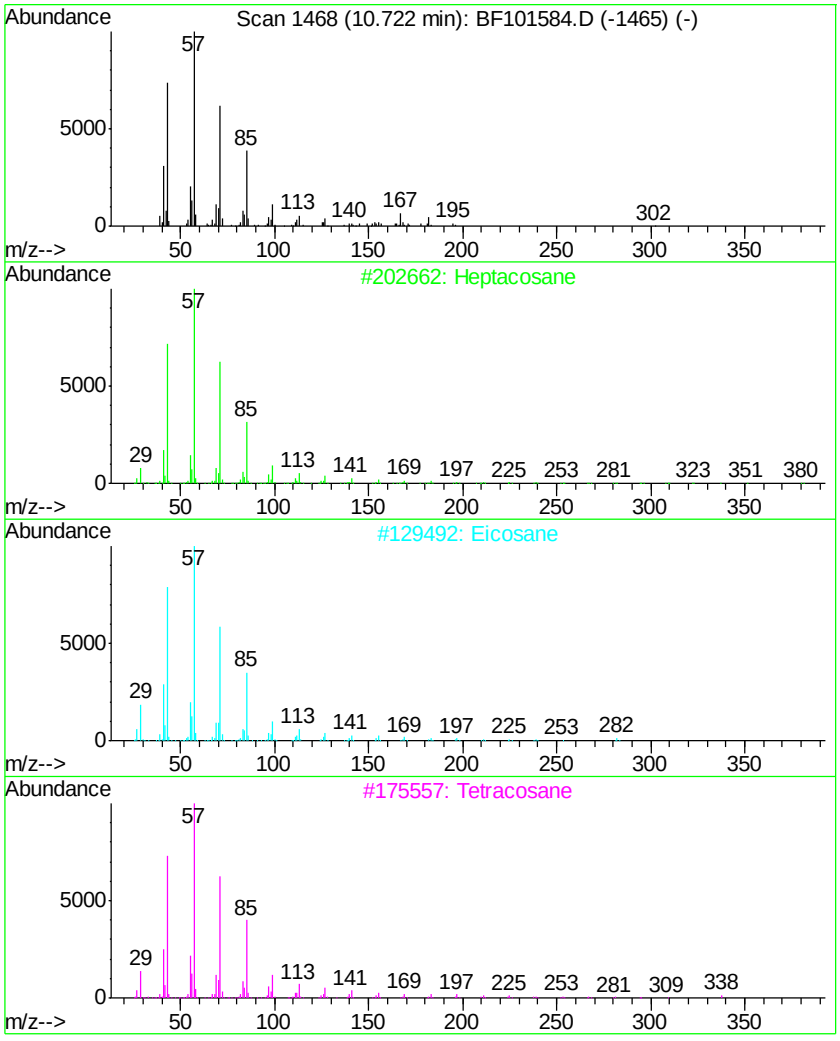
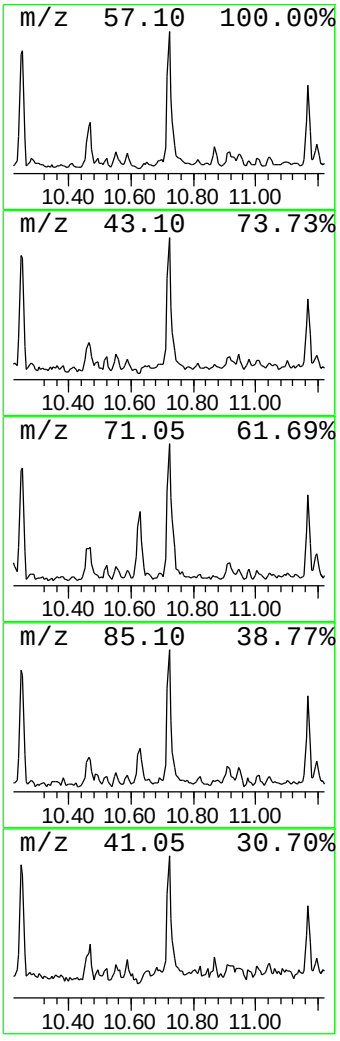
Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.96 ng	178142	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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

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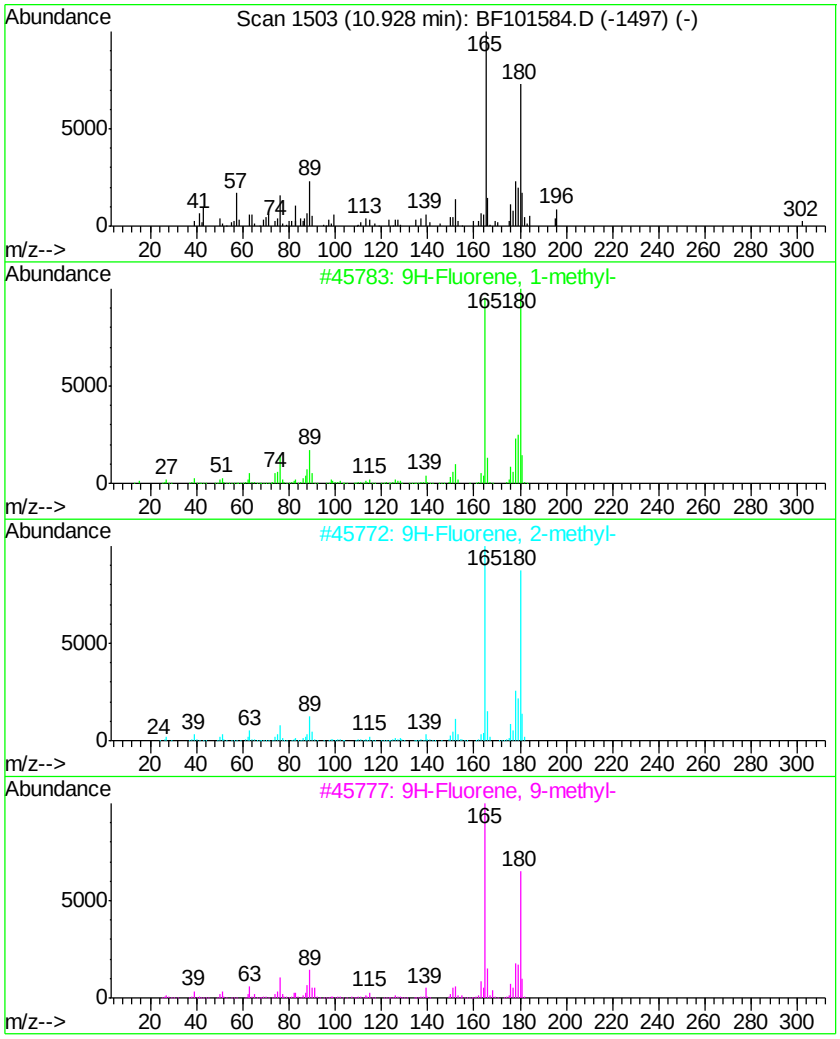
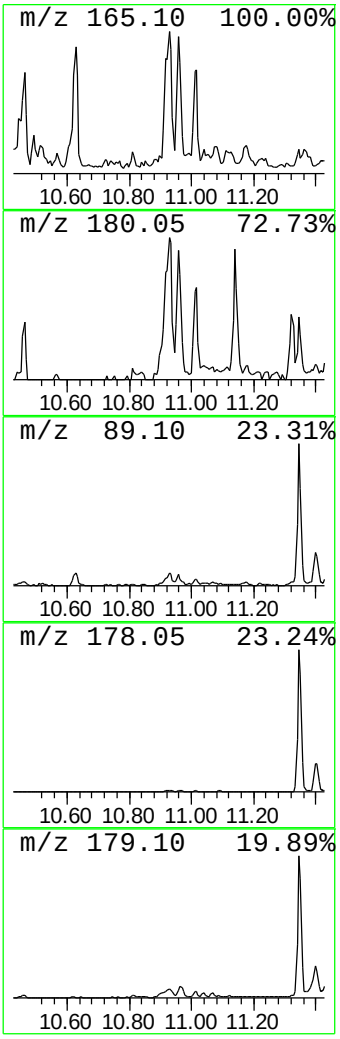
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.14 ng	128425	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89





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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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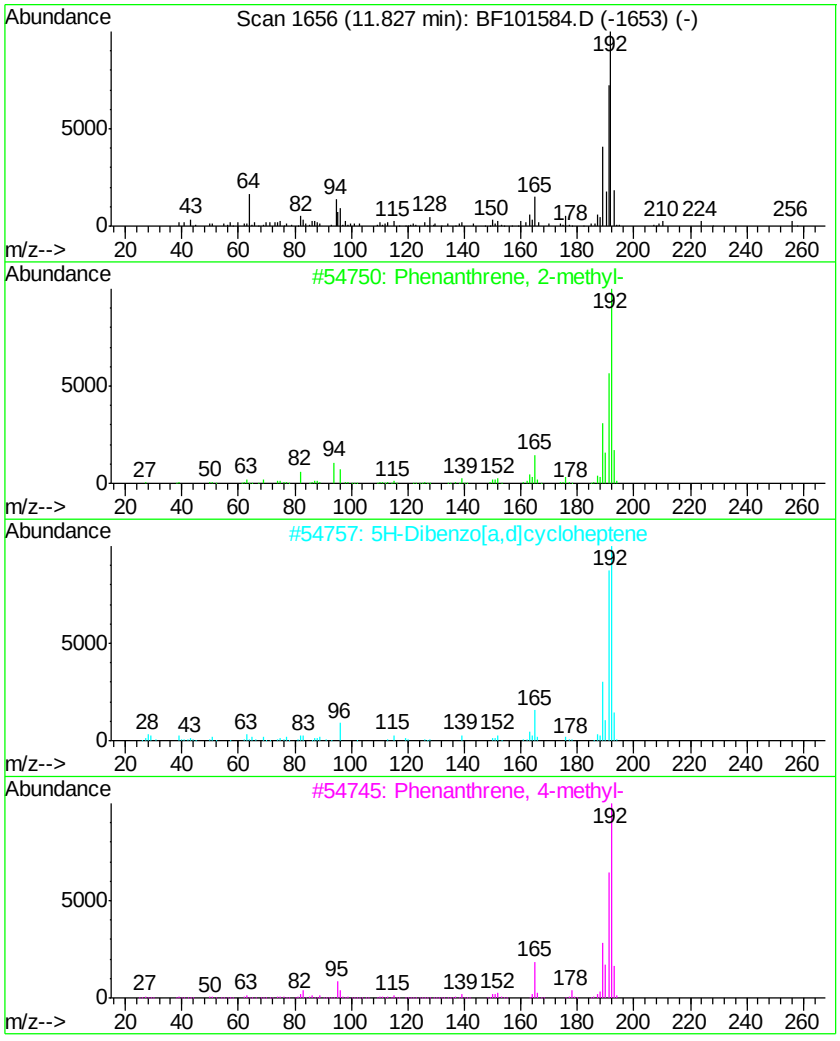
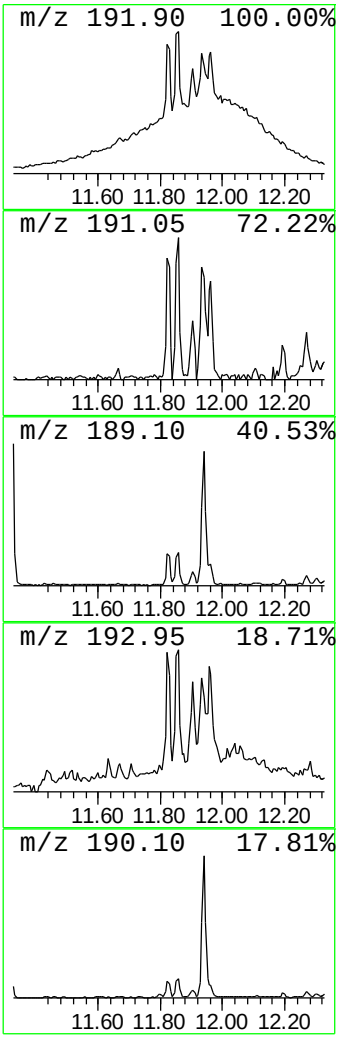
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.49 ng	149677	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

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

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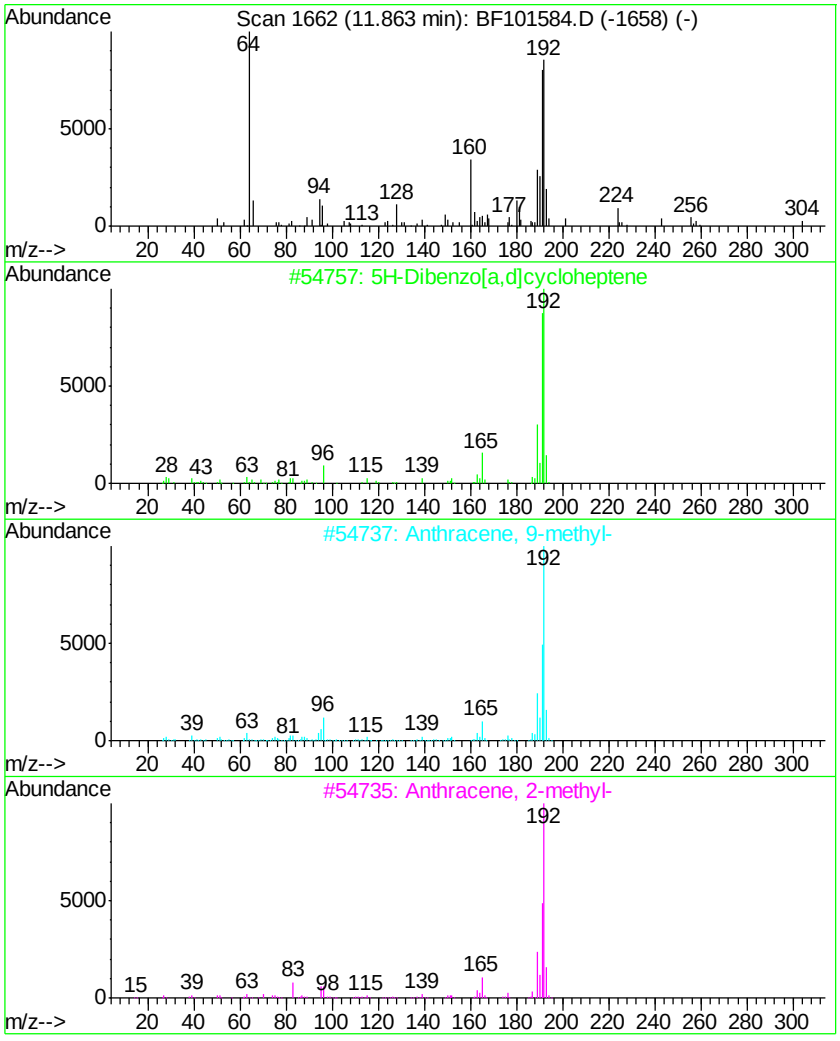
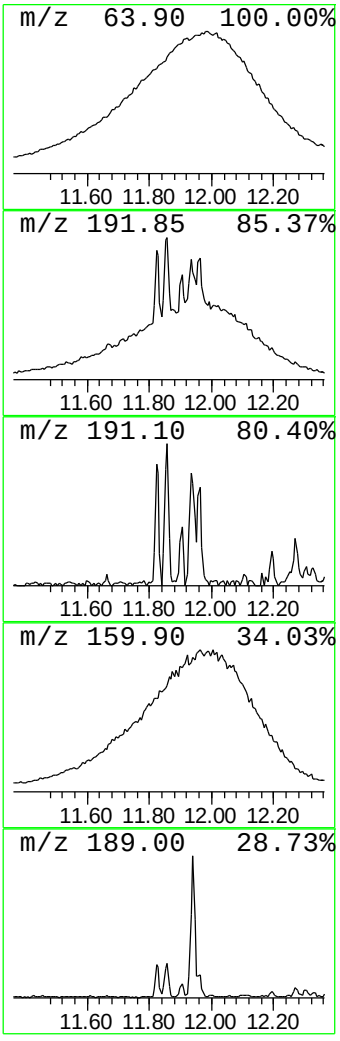
Peak Number 12 5H-Dibenzo[a,d]cycloheptene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.37 ng	142654	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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

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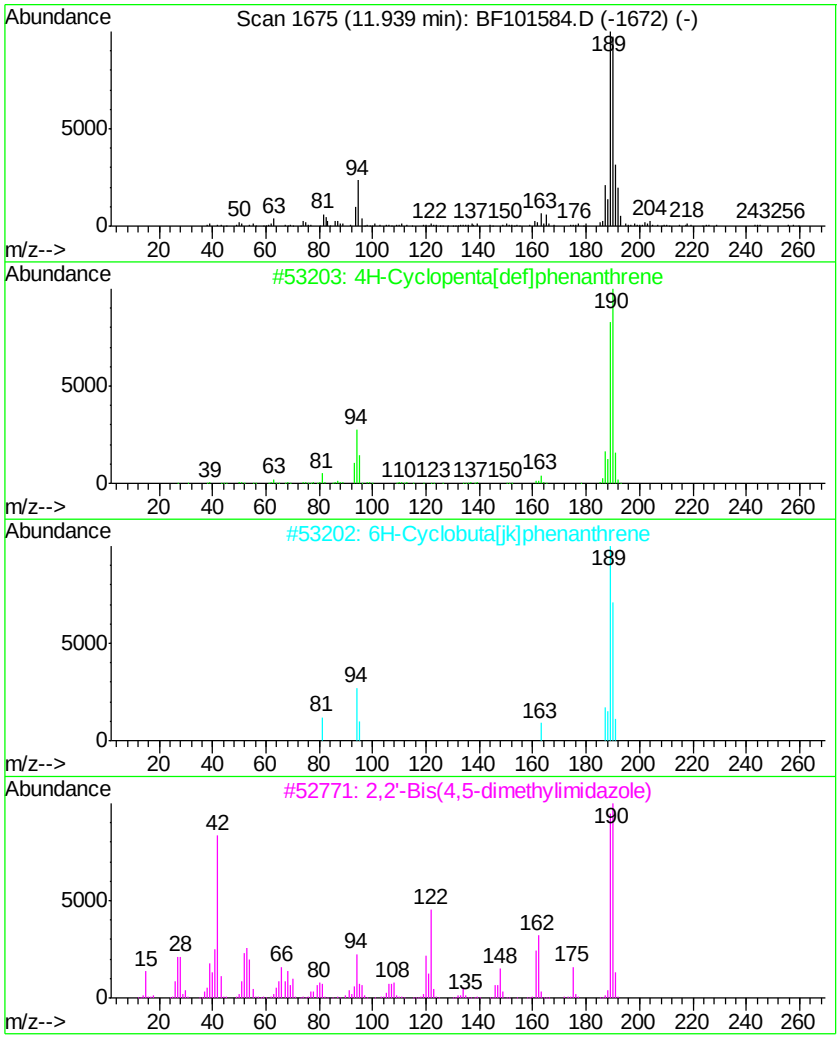
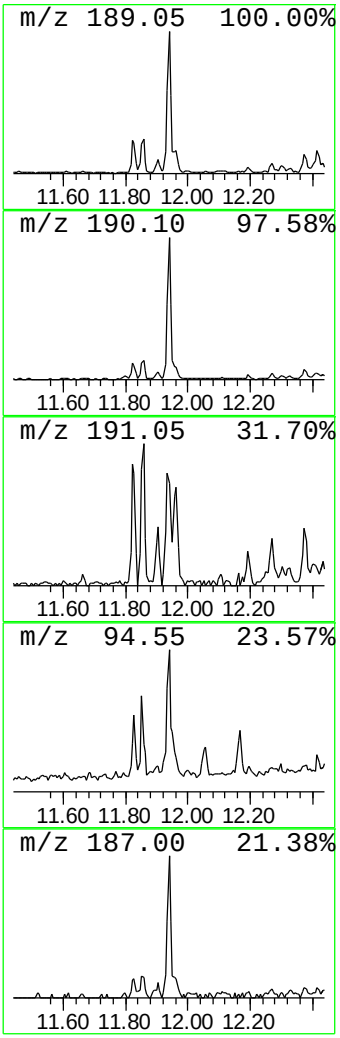
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.90 ng	234830	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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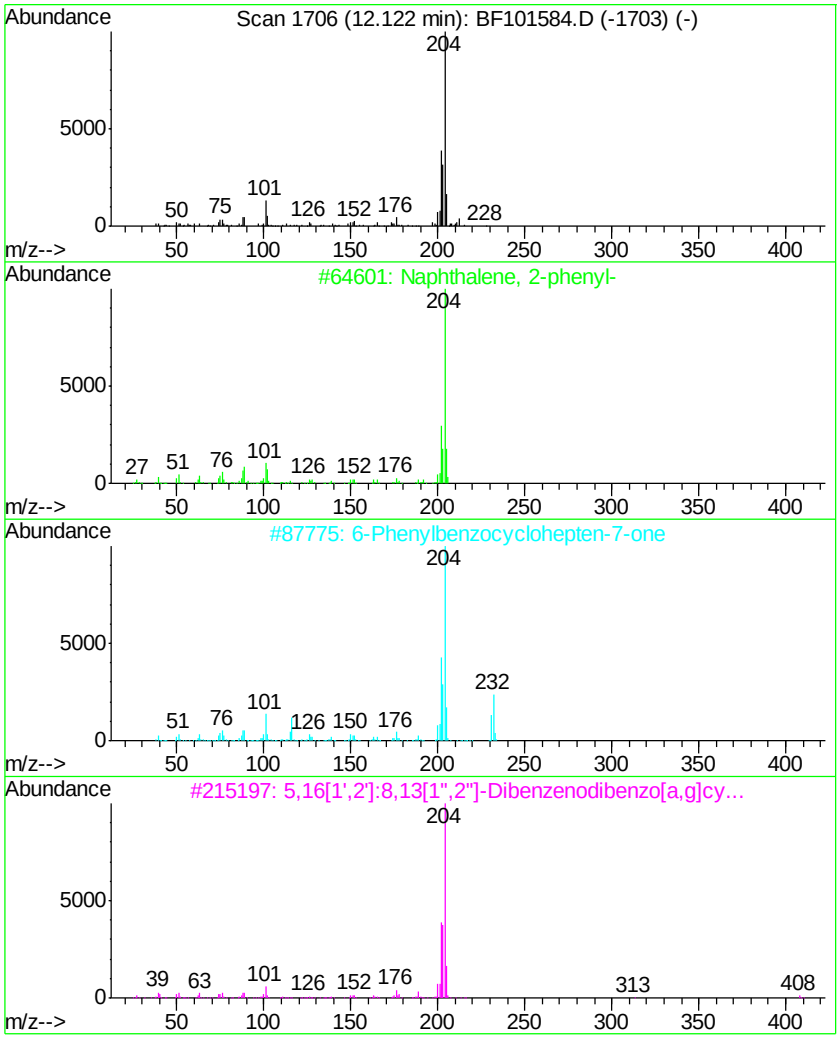
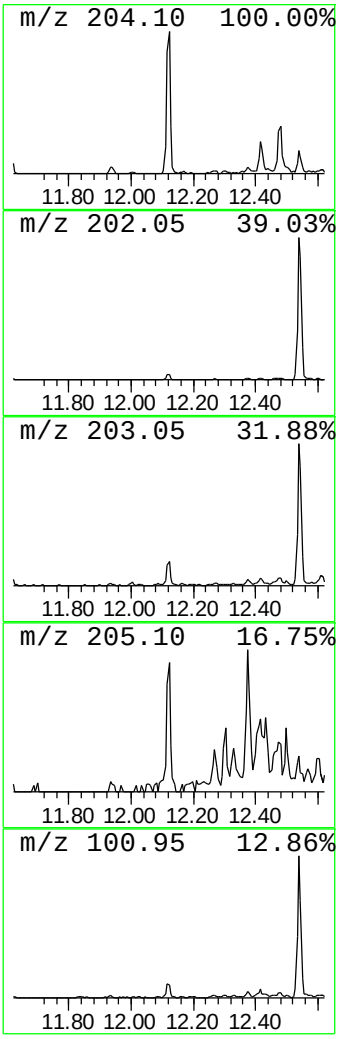
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.23 ng	134341	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Instrument : BNA_F
ClientSampleId : PHMHB-WCD

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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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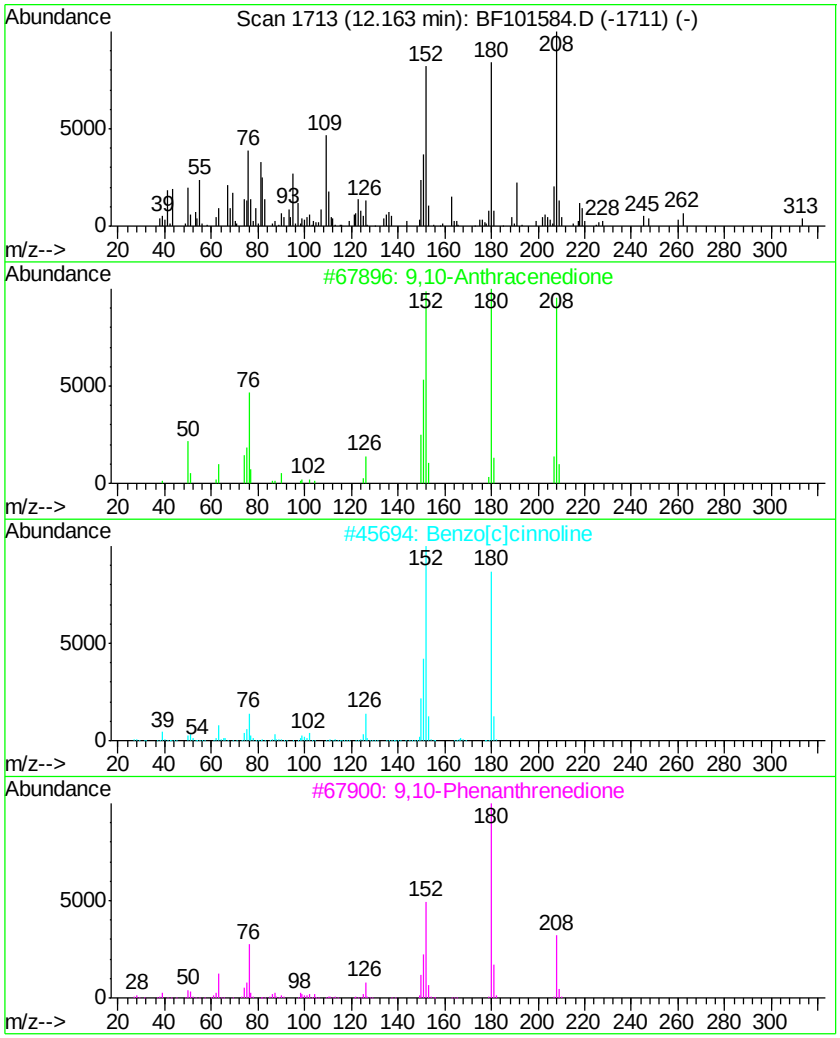
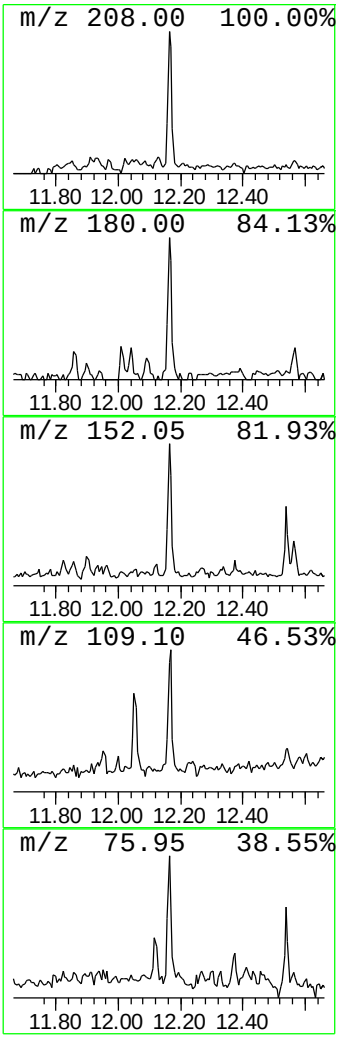
Peak Number 15 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.45 ng	147265	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	38
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	38
5	1-Aza-2-sila-5-boracyclopent-3-e...	209	C11H24BNSi	122293-26-9	30





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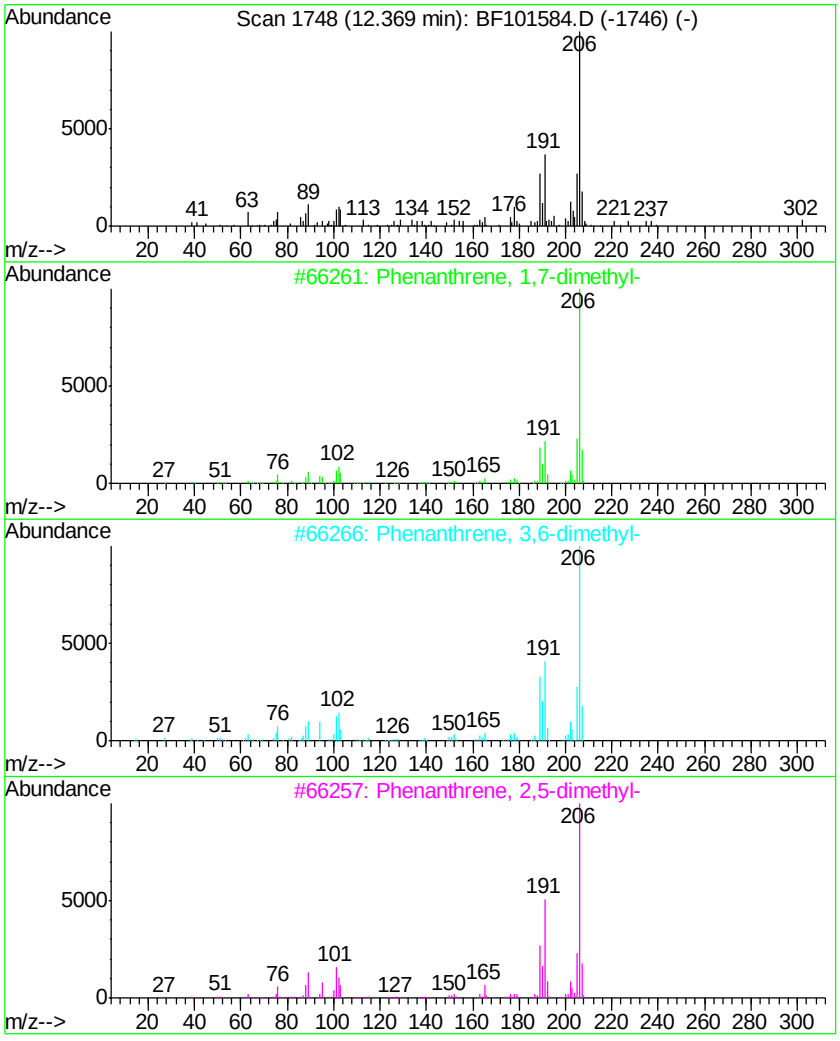
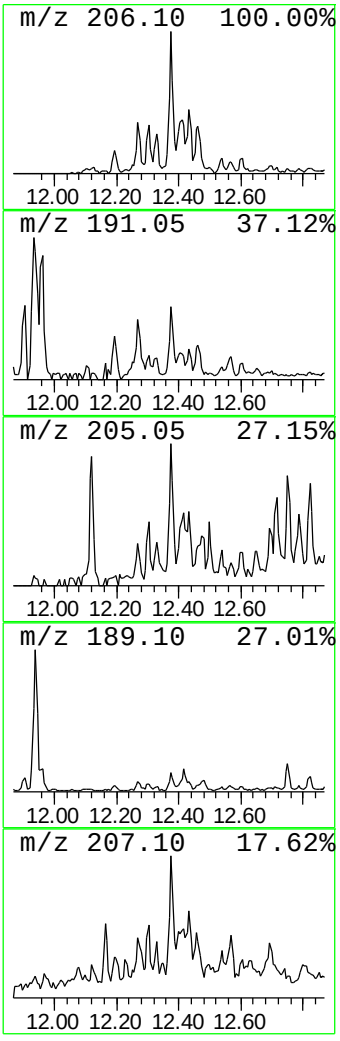
Peak Number 16 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.10 ng	126410	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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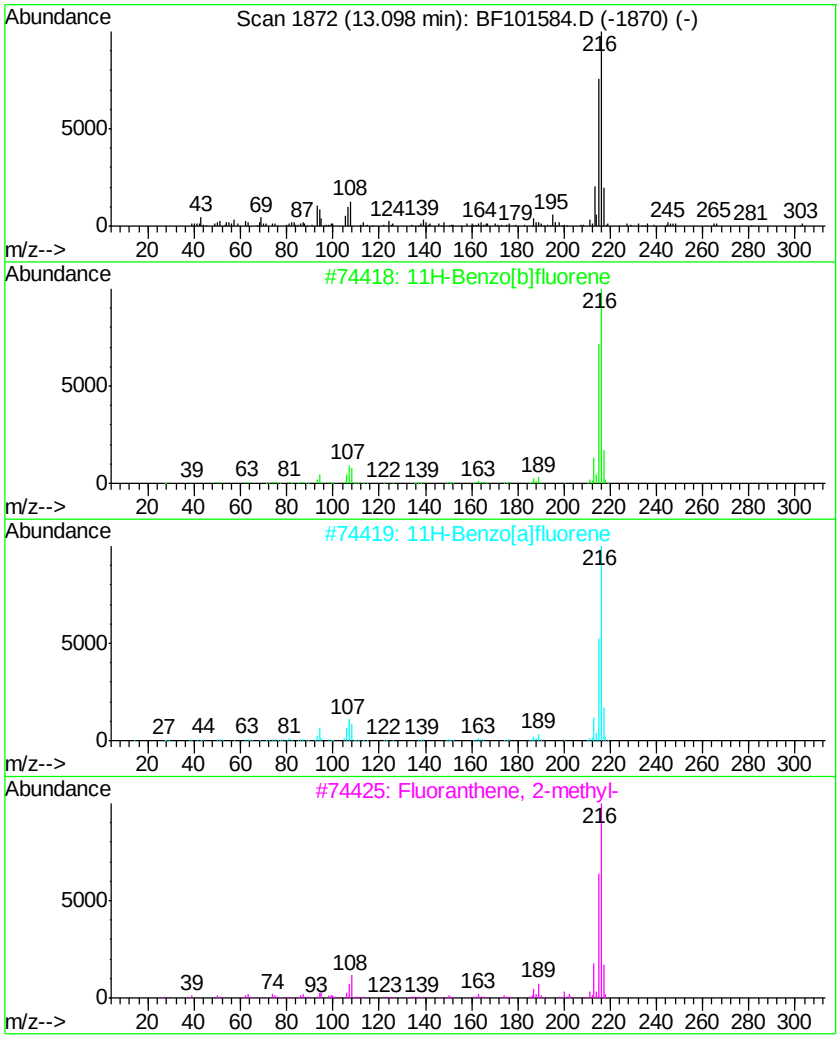
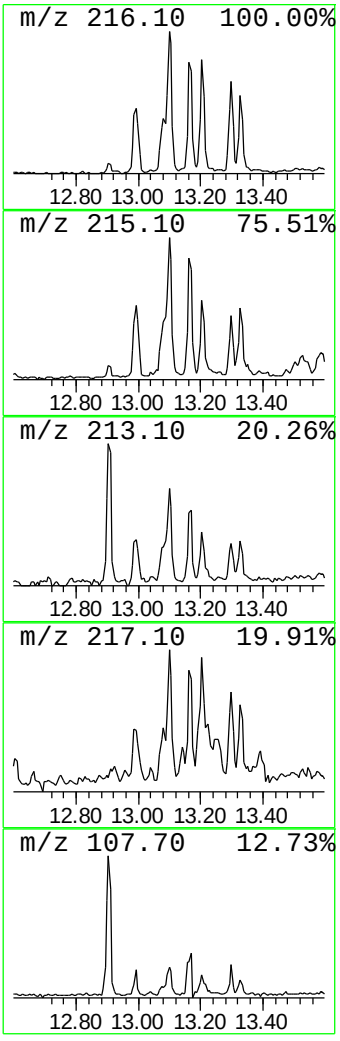
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.89 ng	162479	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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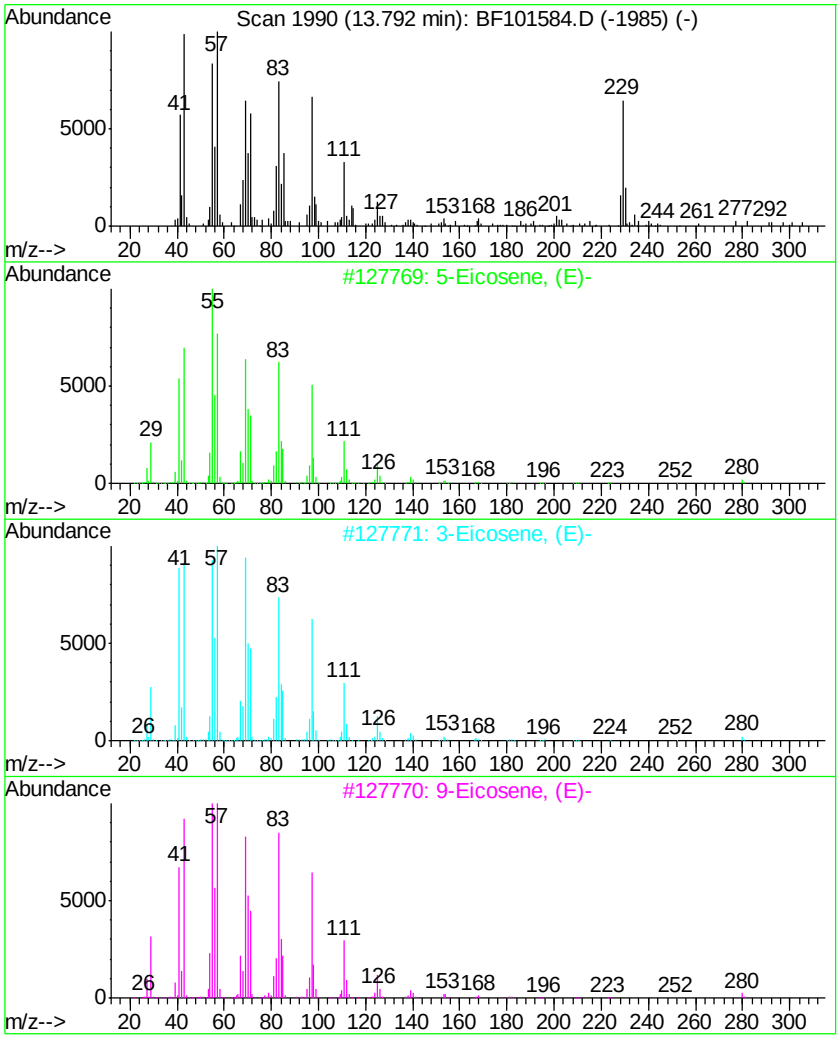
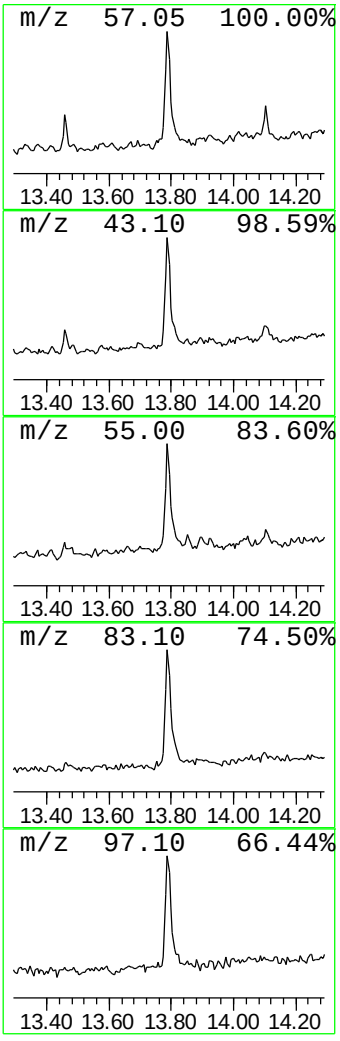
Peak Number 18 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.31 ng	298447	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83





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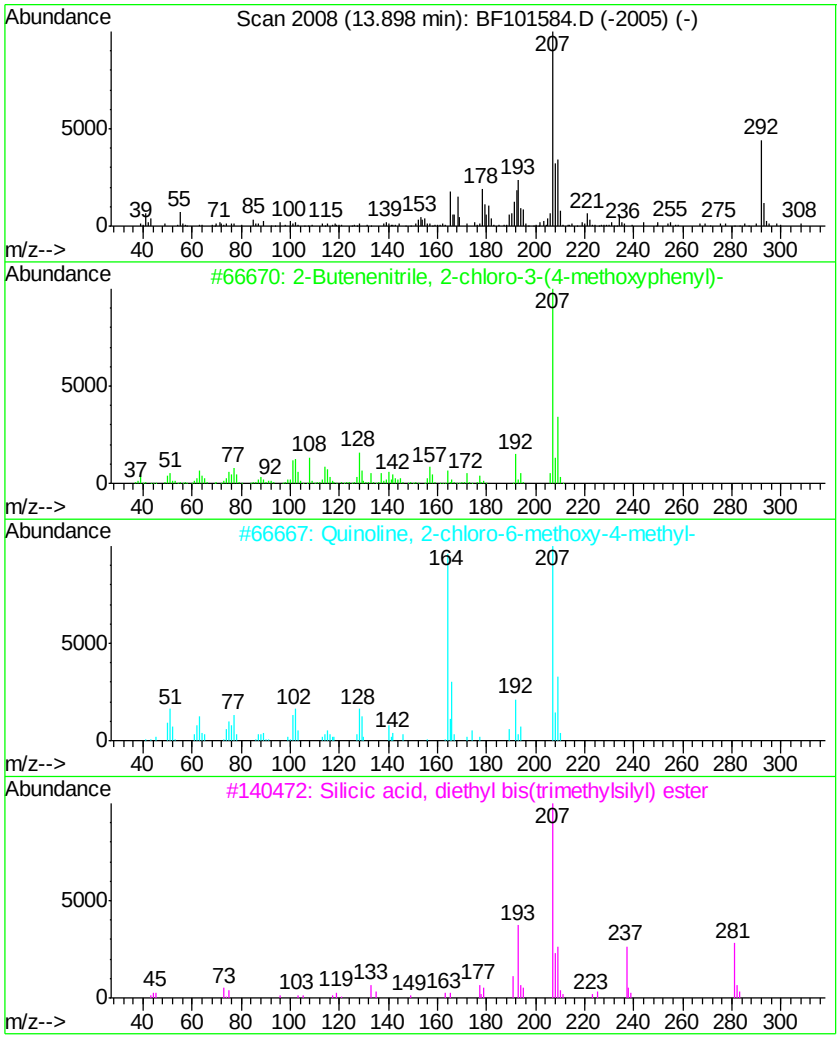
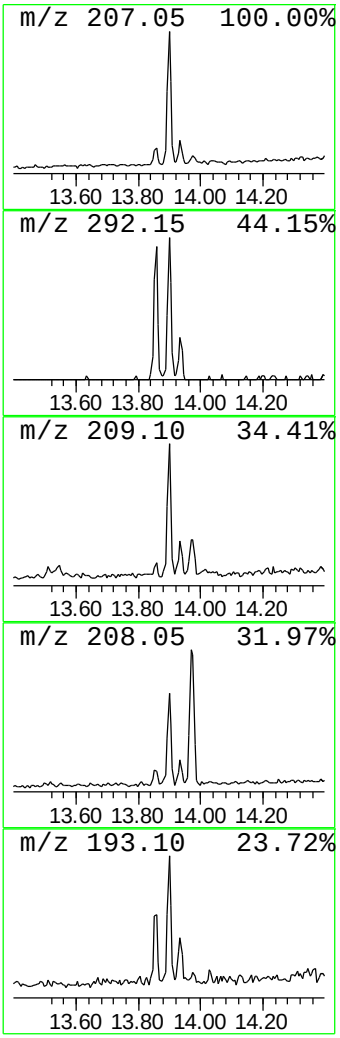
Peak Number 19 unknown13.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.11 ng	118358	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenenitrile, 2-chloro-3-(4-m...	207	C11H10ClNO	1000305-66-7	43
2	Quinoline, 2-chloro-6-methoxy-4-...	207	C11H10ClNO	006340-55-2	37
3	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	37
4	Stannane, tetraethyl-	236	C8H20Sn	000597-64-8	35
5	Acetamide, 2-chloro-N-[(5-chloro...	284	C12H10Cl2N2O2	1000319-73-0	32





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ClientSampleId : PHMHB-WCD

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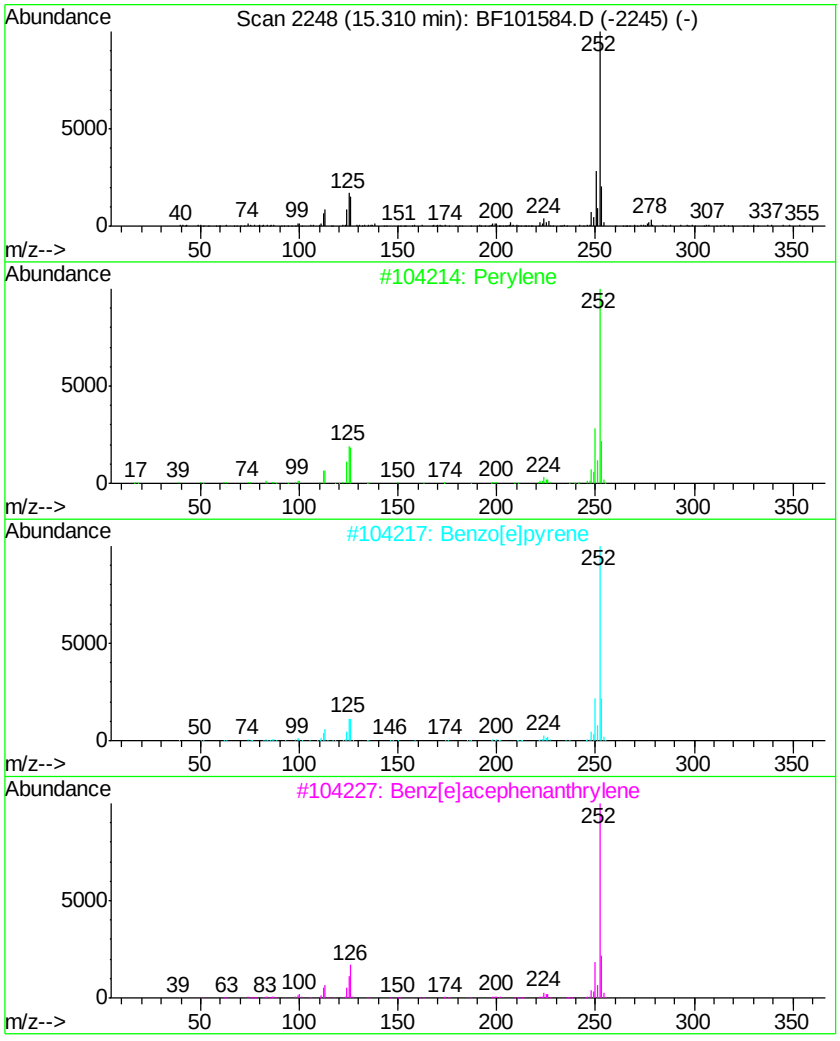
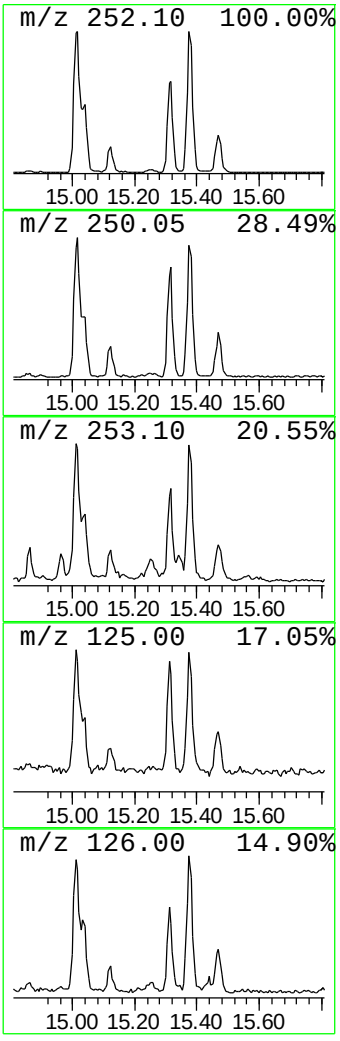
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	6.31 ng	218604	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101584.D
Acq On : 20 Dec 2017 22:41
Operator : SJ/JU
Sample : I6981-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHMHB-WCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.03	13.4	ng	707407	1	6.79	1059070	20.0
unknown6.57	6.57	78.1	ng	4137500	1	6.79	1059070	20.0
Benzene, 1,2,3-tr...	6.62	2.8	ng	149571	1	6.79	1059070	20.0
1H-Indene, 3-methyl-	7.82	2.3	ng	168621	2	8.07	1452270	20.0
Naphthalene, 1-me...	8.89	2.3	ng	168228	2	8.07	1452270	20.0
Dodecane	10.25	2.6	ng	181841	3	9.83	1418160	20.0
Heptacosane	10.72	3.0	ng	178142	4	11.32	1202750	20.0
9H-Fluorene, 1-me...	10.93	2.1	ng	128425	4	11.32	1202750	20.0
Phenanthrene, 2-m...	11.83	2.5	ng	149677	4	11.32	1202750	20.0
5H-Dibenzo[a,d]cy...	11.86	2.4	ng	142654	4	11.32	1202750	20.0
4H-Cyclopenta[def...	11.94	3.9	ng	234830	4	11.32	1202750	20.0
Naphthalene, 2-ph...	12.12	2.2	ng	134341	4	11.32	1202750	20.0
9,10-Anthracenedione	12.16	2.5	ng	147265	4	11.32	1202750	20.0
Phenanthrene, 1,7...	12.37	2.1	ng	126410	4	11.32	1202750	20.0
11H-Benzo[b]fluorene	13.10	2.9	ng	162479	5	13.97	1124480	20.0
5-Eicosene, (E)-	13.79	5.3	ng	298447	5	13.97	1124480	20.0
unknown13.90	13.90	2.1	ng	118358	5	13.97	1124480	20.0
Perylene	15.31	6.3	ng	218604	6	15.43	692481	20.0