LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097293.D
Acq On : 3 Aug 2017 00:25
Operator : SJ/JU
Sample : I4539-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	4.587	454	459	476	rVB	562981	939546	27.80%	2.873%
2	5.057	534	539	556	rBV	2498260	2839072	84.01%	8.682%
3	6.128	714	721	734	rBV	2870797	3379546	100.00%	10.334%
4	6.228	734	738	749	rVB	3099067	3070739	90.86%	9.390%
5	6.451	772	776	785	rVB	866741	747168	22.11%	2.285%
6	6.610	798	803	812	rBV	2158607	2175584	64.38%	6.653%
7	7.022	868	873	876	rBV	1996301	2007754	59.41%	6.140%
8	7.734	990	994	1003	rBV	1068147	882641	26.12%	2.699%
9	8.816	1173	1178	1181	rBV	2919586	2757316	81.59%	8.432%
10	9.210	1242	1245	1250	rVB	510873	422800	12.51%	1.293%
11	9.257	1250	1253	1260	rVB2	31700	39430	1.17%	0.121%
12	9.339	1260	1267	1270	rBV	59082	63654	1.88%	0.195%
13	9.475	1286	1290	1294	rBV	939189	909808	26.92%	2.782%
14	9.510	1294	1296	1301	rVB	160500	131298	3.89%	0.402%
15	9.680	1320	1325	1329	rVB	99065	105032	3.11%	0.321%
16	9.798	1340	1345	1348	rBV2	38482	39800	1.18%	0.122%
17	9.933	1365	1368	1371	rVB	67229	51538	1.52%	0.158%
18	10.022	1380	1383	1386	rBV2	212428	170983	5.06%	0.523%
19	10.086	1389	1394	1396	rBV2	36894	47785	1.41%	0.146%
20	10.151	1400	1405	1408	rBV4	34263	49978	1.48%	0.153%
21	10.269	1421	1425	1430	rBV	1345880	1412973	41.81%	4.321%
22	10.398	1444	1447	1454	rVB2	83149	109461	3.24%	0.335%
23	10.569	1469	1476	1478	rBV	59198	83734	2.48%	0.256%
24	10.598	1478	1481	1484	rVV3	57535	69727	2.06%	0.213%
25	10.645	1487	1489	1493	rVB3	35104	41907	1.24%	0.128%
26	10.716	1499	1501	1507	rVB5	26488	38884	1.15%	0.119%
27	10.810	1513	1517	1520	rBV2	28587	35611	1.05%	0.109%
28	10.845	1520	1523	1526	rVV	85155	76881	2.27%	0.235%
29	10.951	1537	1541	1543	rBV	854714	721477	21.35%	2.206%
30	10.975	1543	1545	1549	rVB	216067	171628	5.08%	0.525%
31	11.027	1550	1554	1558	rVB	287983	261280	7.73%	0.799%
32	11.069	1558	1561	1564	rBV	35960	43786	1.30%	0.134%
33	11.192	1578	1582	1584	rBV2	25640	35170	1.04%	0.108%
34	11.280	1593	1597	1603	rVB2	69044	76548	2.27%	0.234%

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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	11.363	1608	1611	1615	rBV	36197	42221	1.25%	0.129%
36	11.451	1621	1626	1629	rBV	163589	156534	4.63%	0.479%
37	11.480	1629	1631	1633	rVV	81225	61805	1.83%	0.189%
38	11.510	1633	1636	1637	rVV	90410	71031	2.10%	0.217%
39	11.527	1637	1639	1641	rVV	115752	96885	2.87%	0.296%
40	11.557	1641	1644	1647	rVV	261114	283123	8.38%	0.866%
41	11.580	1647	1648	1651	rVB	109349	81056	2.40%	0.248%
42	11.686	1662	1666	1669	rVB3	33292	36777	1.09%	0.112%
43	11.745	1669	1676	1680	rBV	87030	106585	3.15%	0.326%
44	11.927	1704	1707	1709	rBV	46438	39642	1.17%	0.121%
45	11.998	1715	1719	1722	rBV	132158	138144	4.09%	0.422%
46	12.033	1722	1725	1727	rVV3	82742	96868	2.87%	0.296%
47	12.086	1731	1734	1738	rVB2	53079	65332	1.93%	0.200%
48	12.157	1742	1746	1750	rBV	738736	684283	20.25%	2.093%
49	12.298	1766	1770	1775	rBV3	56279	96179	2.85%	0.294%
50	12.380	1779	1784	1787	rVV	695053	738200	21.84%	2.257%
51	12.445	1791	1795	1799	rVB3	40883	67327	1.99%	0.206%
52	12.504	1802	1805	1806	rBV	44841	37401	1.11%	0.114%
53	12.533	1806	1810	1817	rVB	1702116	1698997	50.27%	5.195%
54	12.604	1817	1822	1825	rBV3	78846	111464	3.30%	0.341%
55	12.710	1833	1840	1844	rVB	151397	233004	6.89%	0.713%
56	12.774	1844	1851	1855	rBV	141800	178154	5.27%	0.545%
57	12.816	1855	1858	1861	rBV	100389	109412	3.24%	0.335%
58	12.904	1870	1873	1876	rBV	84892	79196	2.34%	0.242%
59	12.933	1876	1878	1882	rVB	74227	66901	1.98%	0.205%
60	13.116	1901	1909	1910	rBV6	35664	68904	2.04%	0.211%
61	13.192	1919	1922	1924	rBV2	36639	43225	1.28%	0.132%
62	13.221	1925	1927	1931	rVB2	35646	39135	1.16%	0.120%
63	13.327	1940	1945	1947	rBV2	76927	113045	3.34%	0.346%
64	13.351	1947	1949	1951	rVB2	45849	37234	1.10%	0.114%
65	13.457	1964	1967	1971	rVB3	103457	112479	3.33%	0.344%
66	13.574	1981	1987	1989	rBV2	744531	968087	28.65%	2.960%
67	13.598	1989	1991	1999	rVB	301149	306914	9.08%	0.939%
68	13.674	1999	2004	2007	rBV2	73105	103957	3.08%	0.318%
69	13.727	2011	2013	2018	rVB4	30209	42379	1.25%	0.130%
70	13.774	2018	2021	2024	rBV4	22845	37841	1.12%	0.116%
71	13.927	2044	2047	2049	rBV	37294	43744	1.29%	0.134%

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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Peak separation: 5

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

72	13.963	2050	2053	2056	rVV	91876	99277	2.94%	0.304%
73	13.992	2056	2058	2061	rVB2	42599	37900	1.12%	0.116%
74	14.086	2071	2074	2075	rBV	43539	41429	1.23%	0.127%
75	14.339	2115	2117	2119	rBV2	39313	40168	1.19%	0.123%
76	14.563	2152	2155	2162	rBV	198845	327658	9.70%	1.002%
77	14.657	2168	2171	2173	rVB2	52674	51272	1.52%	0.157%
78	14.815	2195	2198	2203	rVB	111086	118366	3.50%	0.362%
79	14.868	2203	2207	2211	rBV	175023	208206	6.16%	0.637%
80	14.915	2212	2215	2219	rBV	343013	372412	11.02%	1.139%
81	15.715	2348	2351	2358	rVB3	57849	100932	2.99%	0.309%

Sum of corrected areas: 32701624

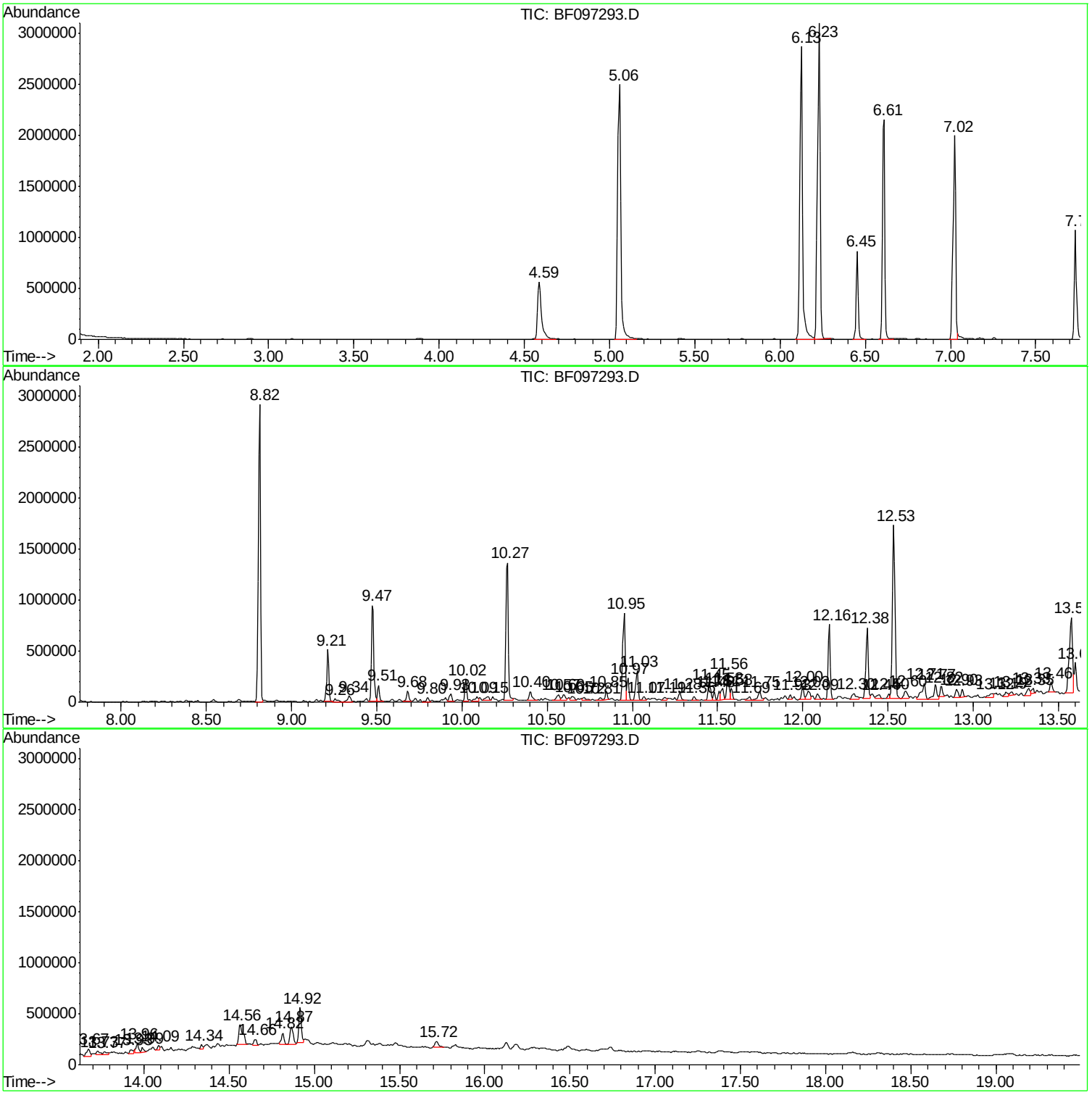
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097293.D
Acq On : 3 Aug 2017 00:25
Operator : SJ/JU
Sample : I4539-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097293.D
Acq On : 3 Aug 2017 00:25
Operator : SJ/JU
Sample : I4539-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

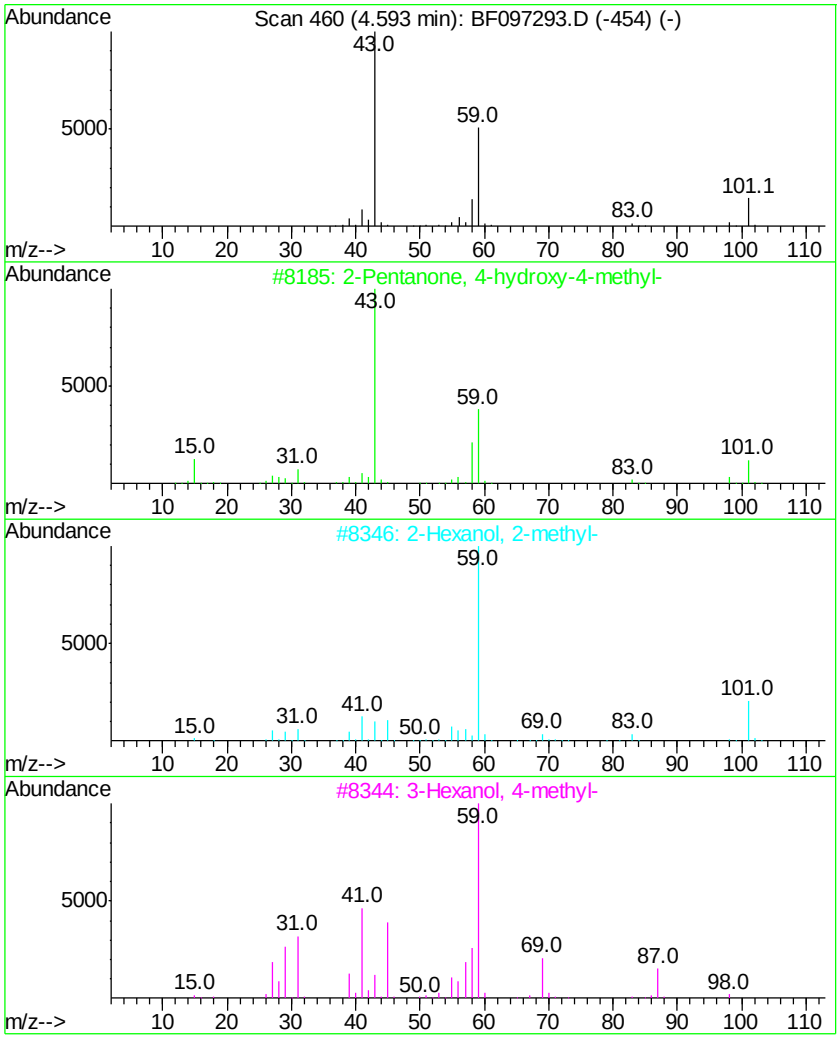
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

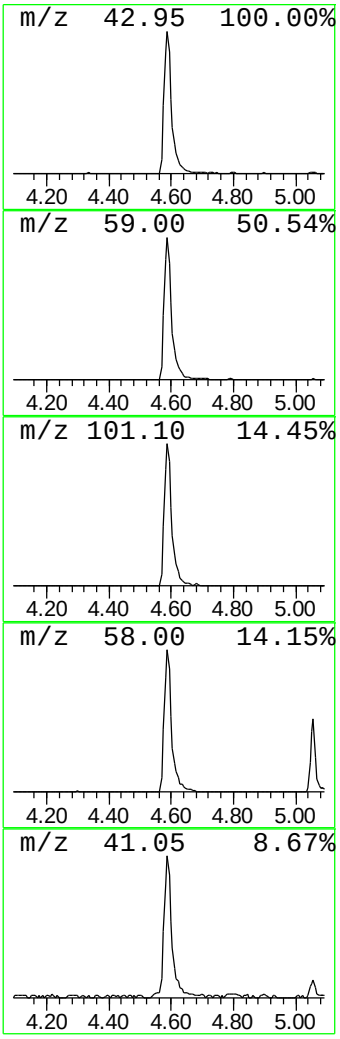
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	25.15 ng	939546	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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Instrument : BNA_F
ClientSampleId : TP-2

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

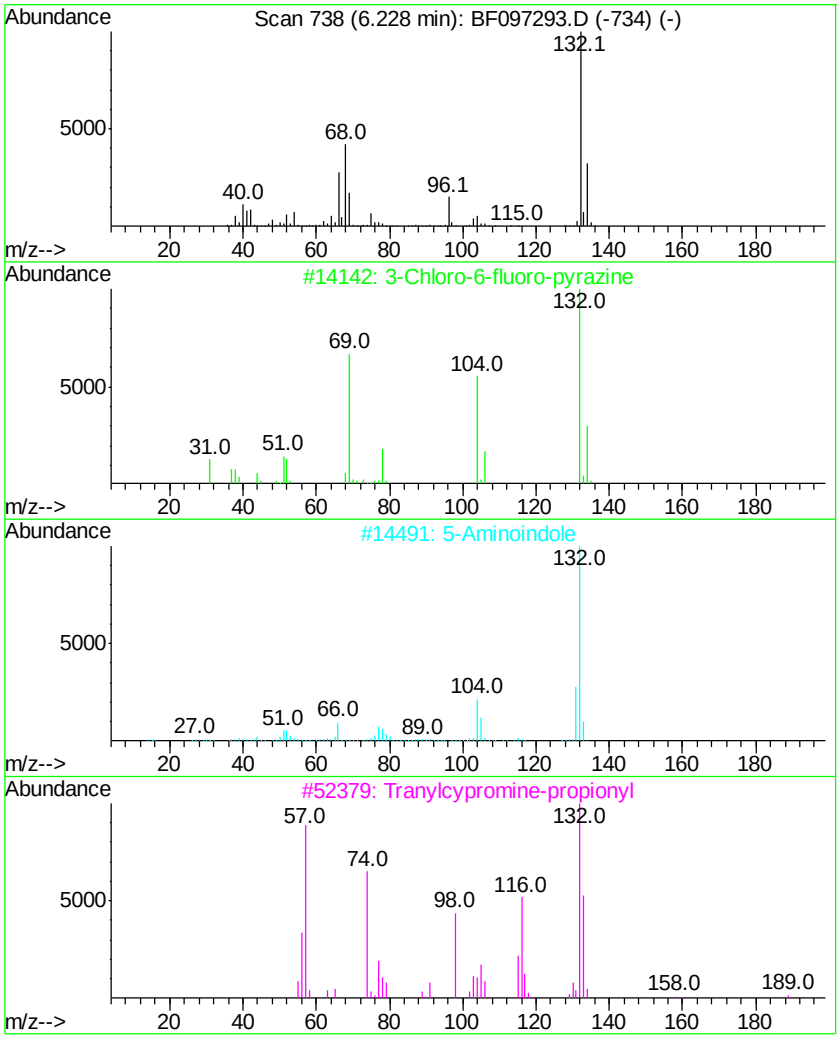
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

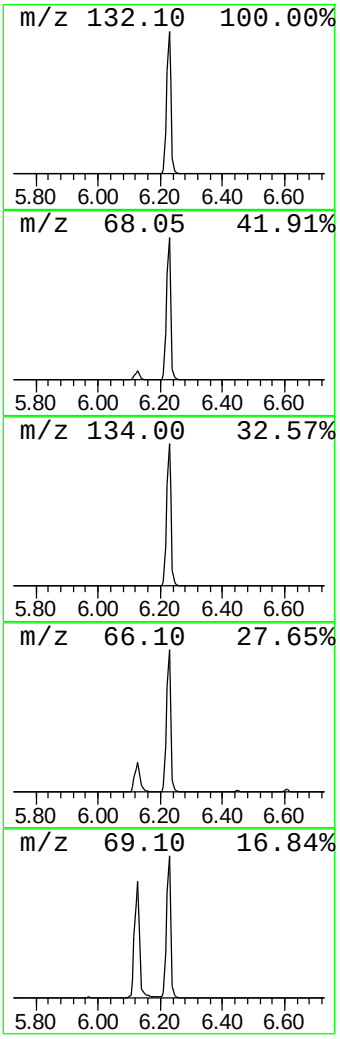
****

Peak Number 2 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	82.20 ng	3070740	1,4-Dichlorobenzene-d4	6.45

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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

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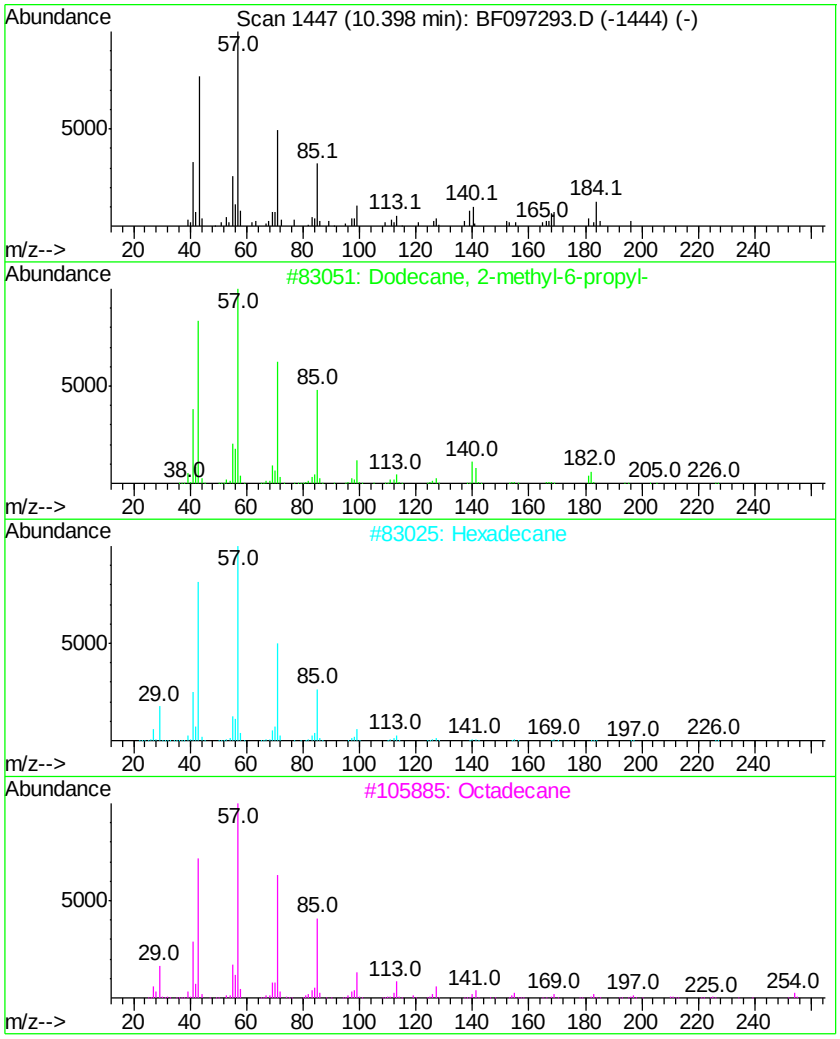
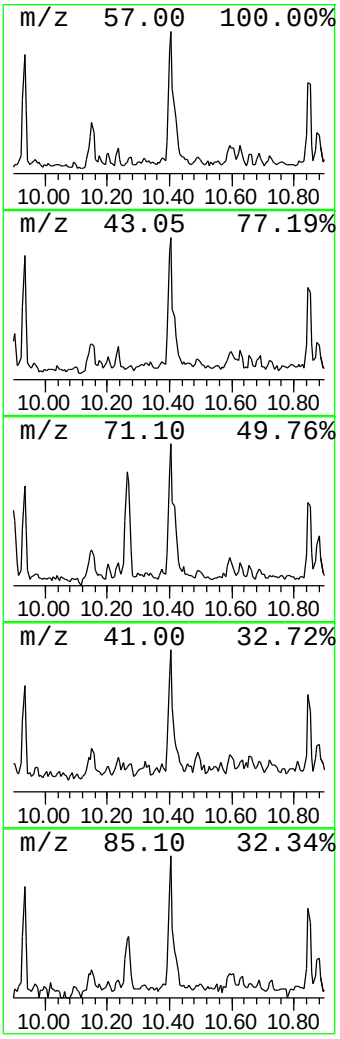
****

Peak Number 4 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.03 ng	109461	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
2	Hexadecane	226	C16H34	000544-76-3	62
3	Octadecane	254	C18H38	000593-45-3	59
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	58
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	55





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Sample : I4539-01
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Instrument : BNA_F
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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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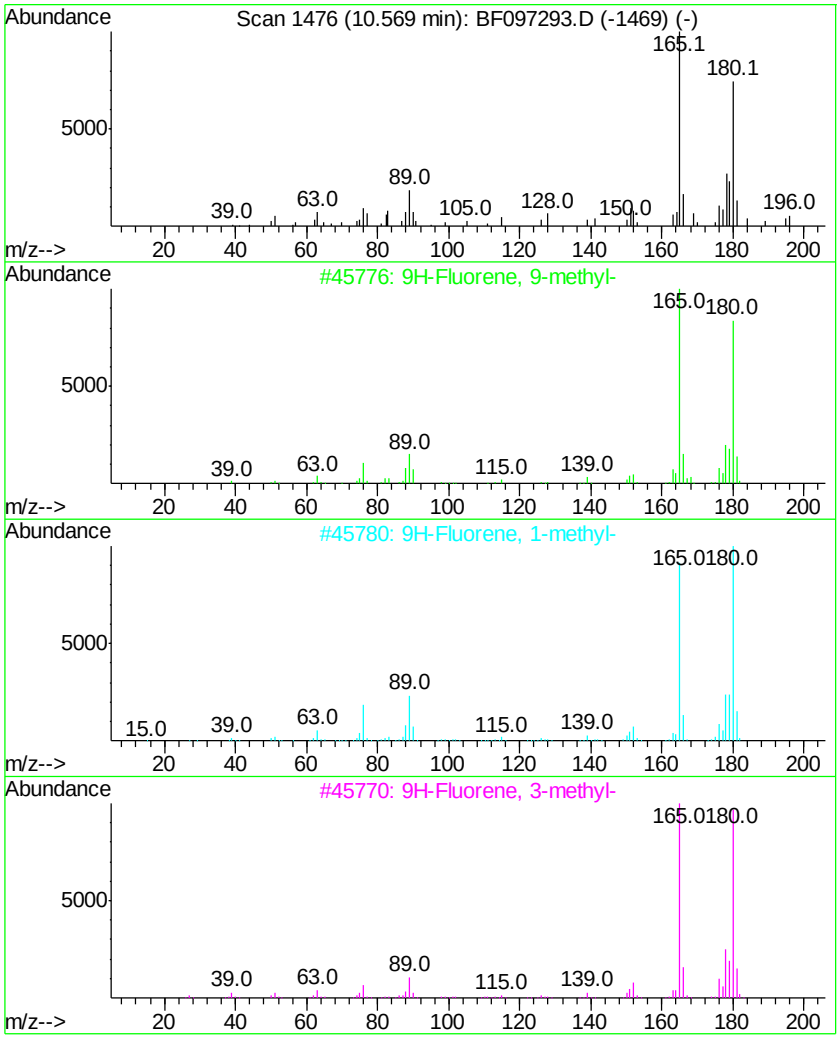
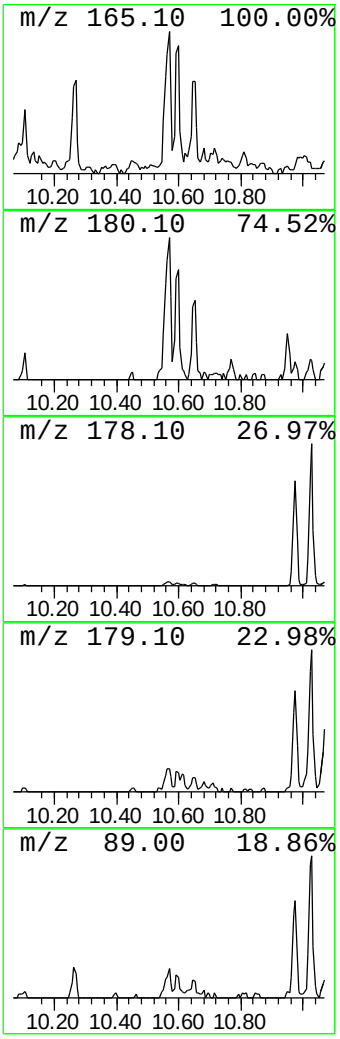
Peak Number 5 9H-Fluorene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.32 ng	83734	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





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Instrument : BNA_F
ClientSampleId : TP-2

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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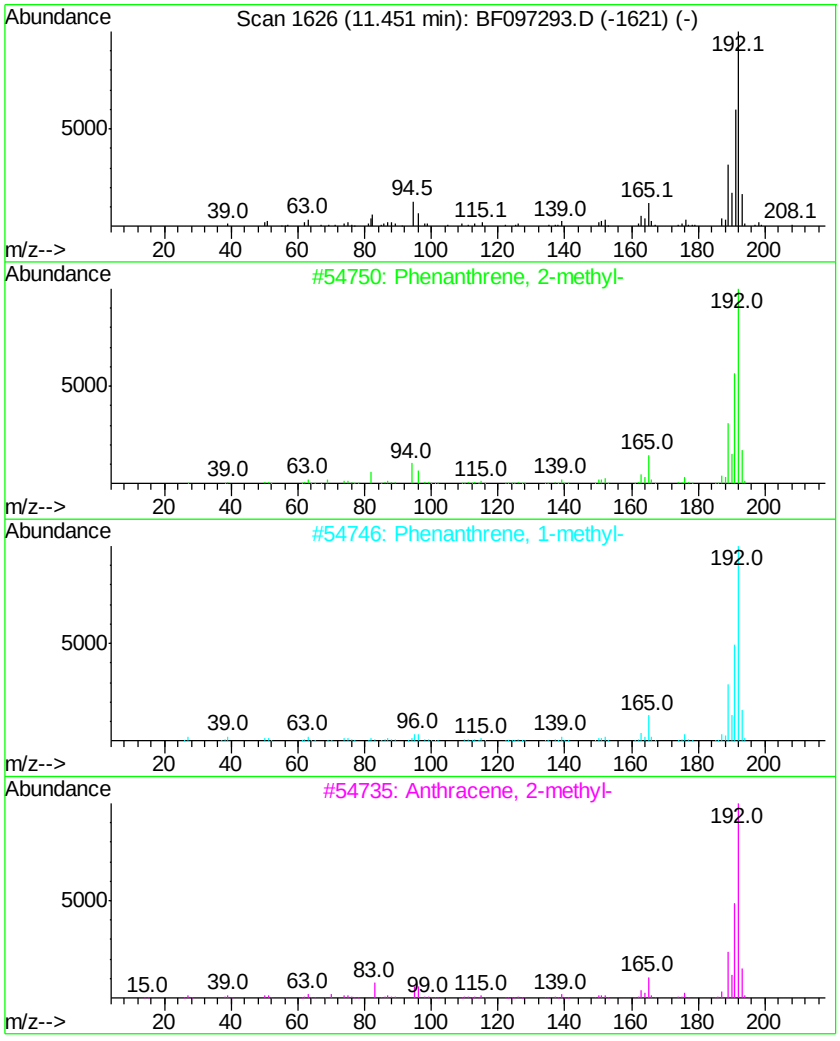
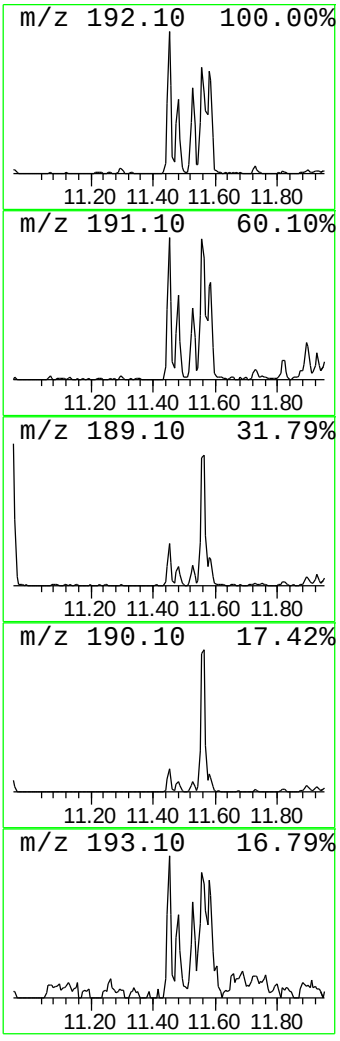
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	4.34 ng	156534	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097293.D
Acq On : 3 Aug 2017 00:25
Operator : SJ/JU
Sample : I4539-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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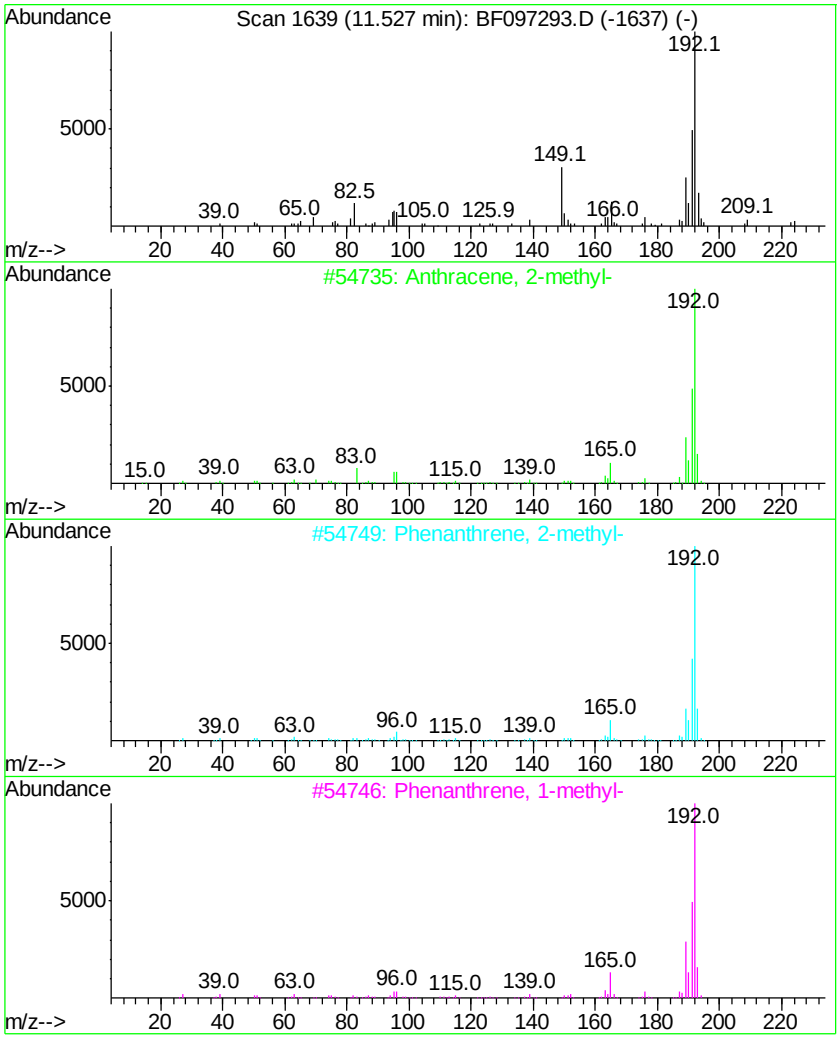
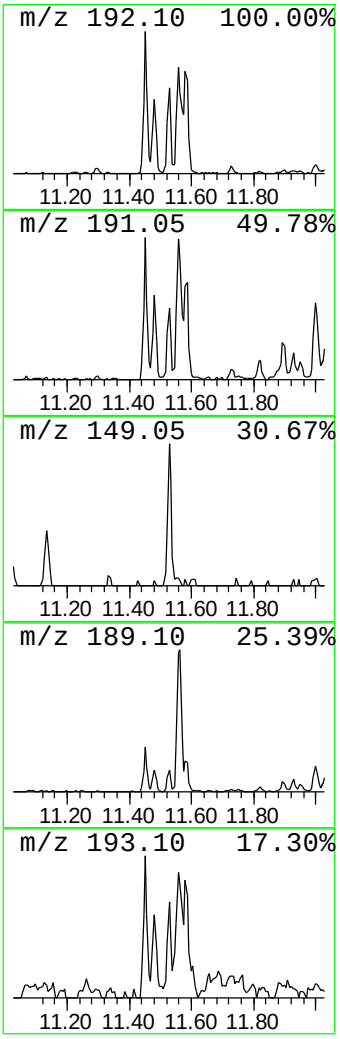
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.69 ng	96885	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





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Sample : I4539-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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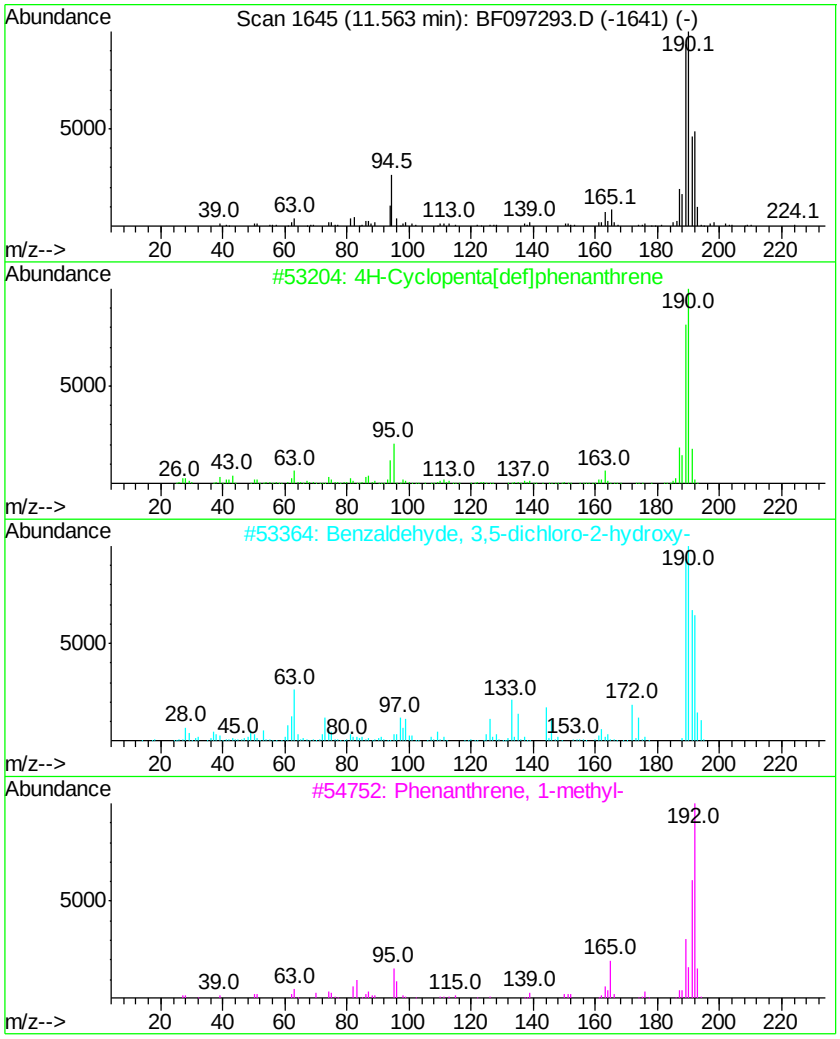
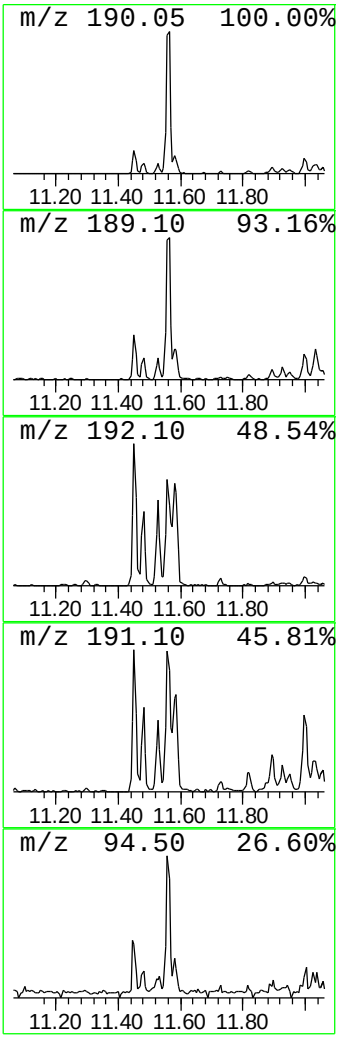
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	7.85 ng	283123	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35





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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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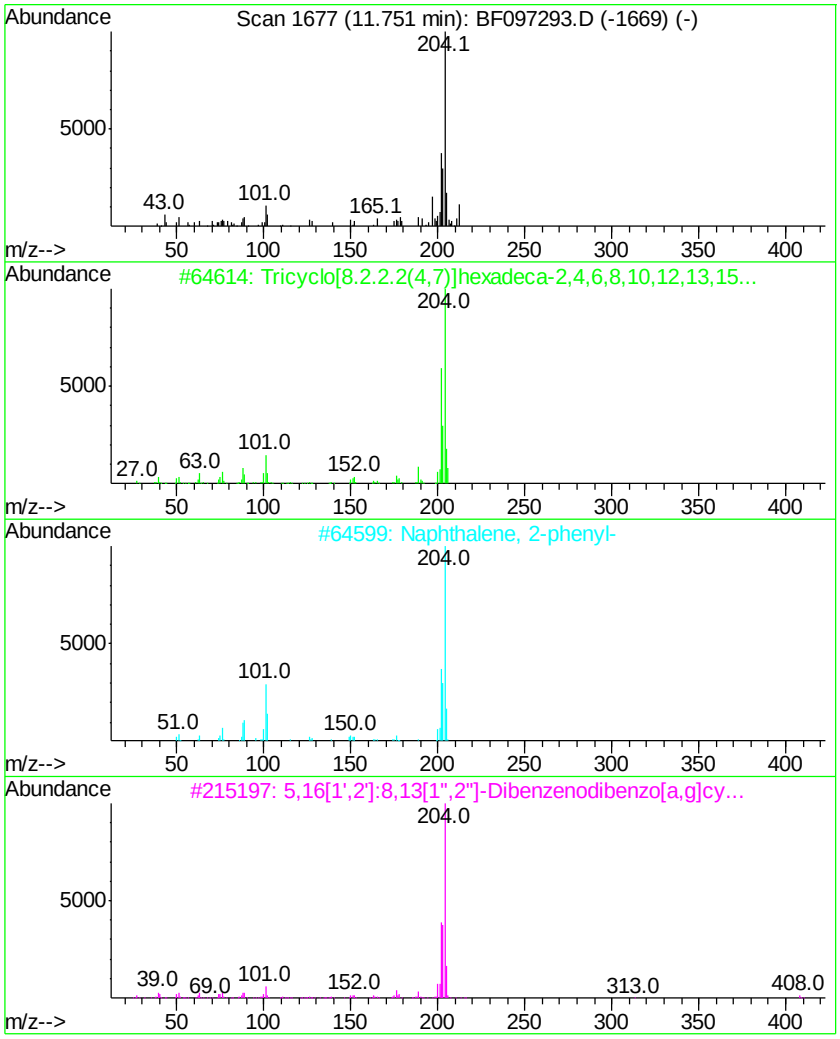
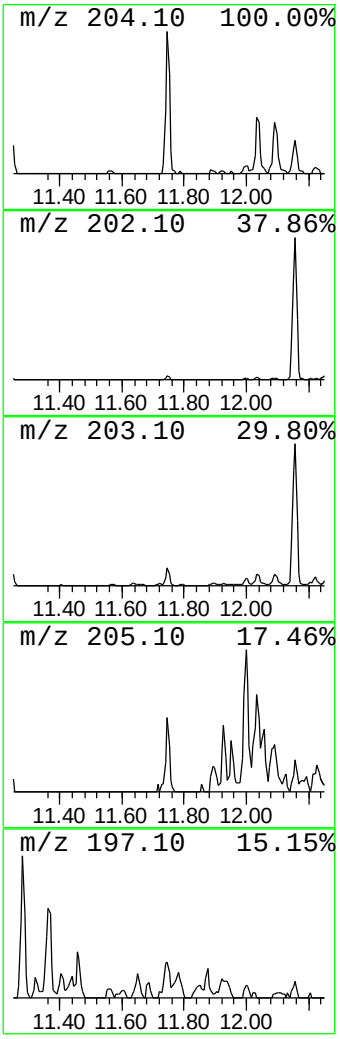
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.95 ng	106585	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46





Library Search Compound Report

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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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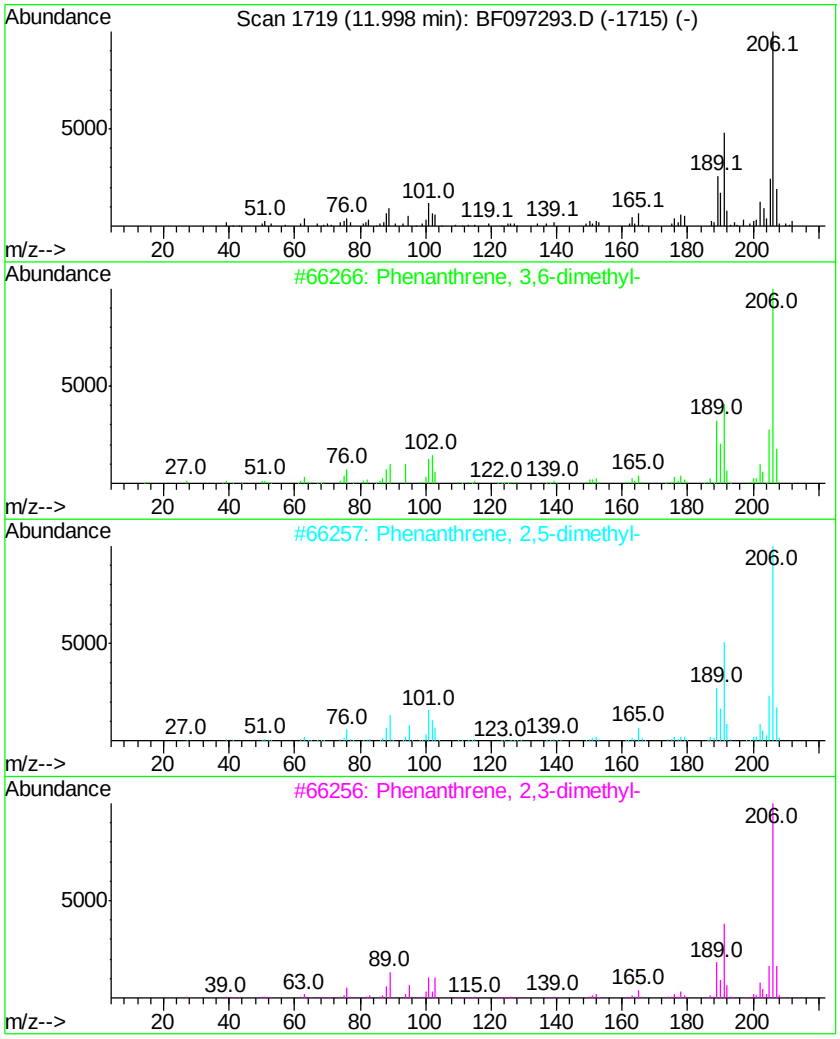
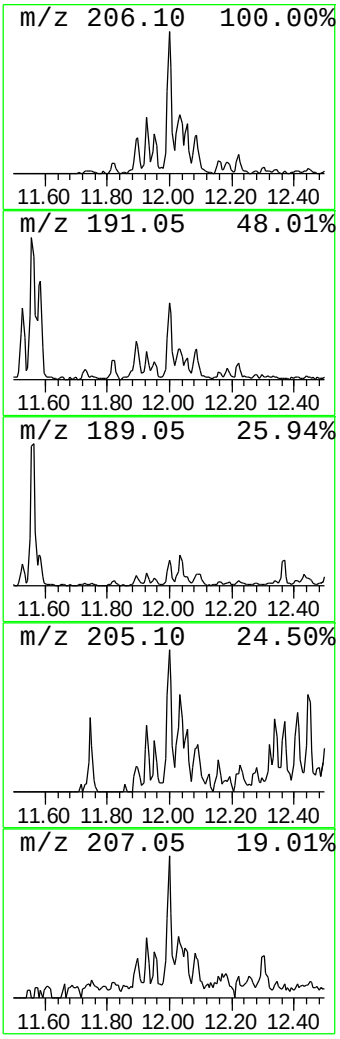
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.83 ng	138144	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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TIC Integration Parameters: LSCINT.P

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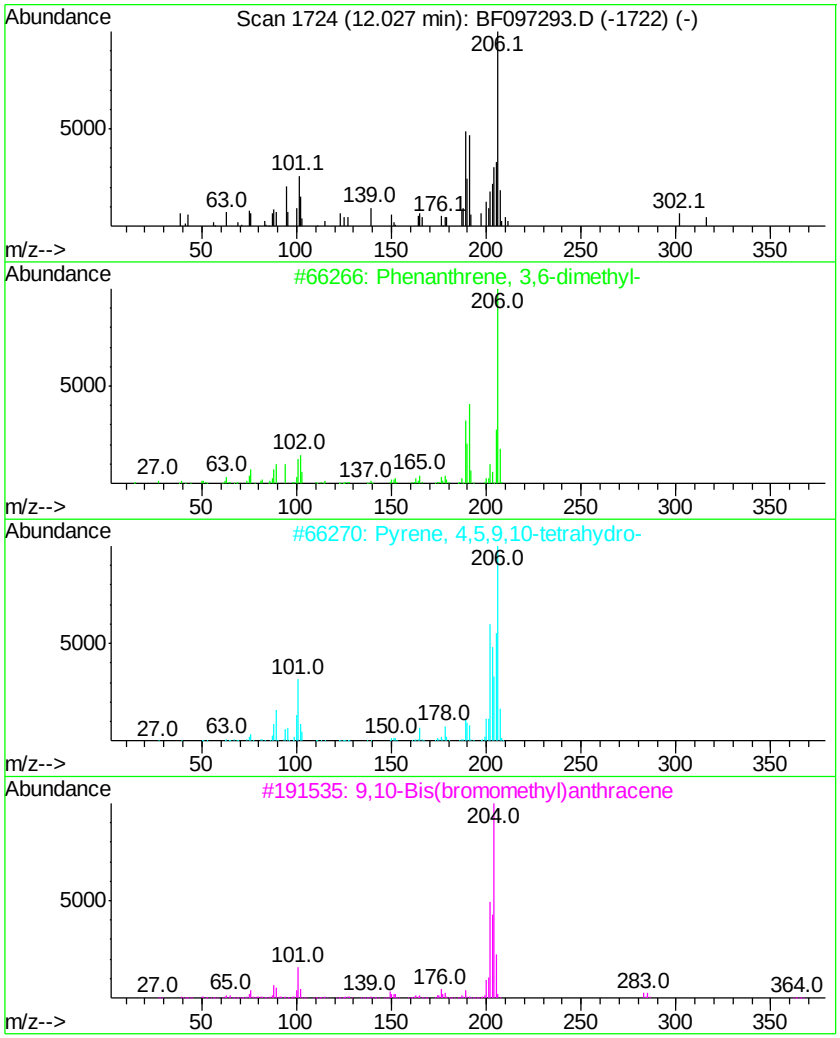
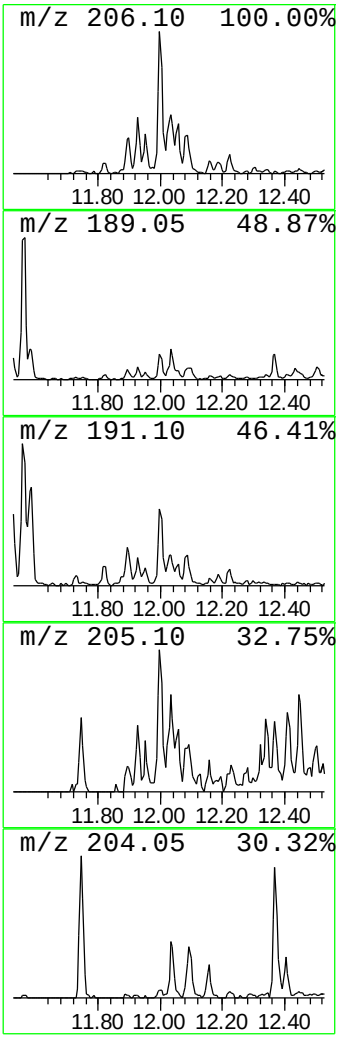
Peak Number 11 unknown12.03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.69 ng	96868	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	38
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38





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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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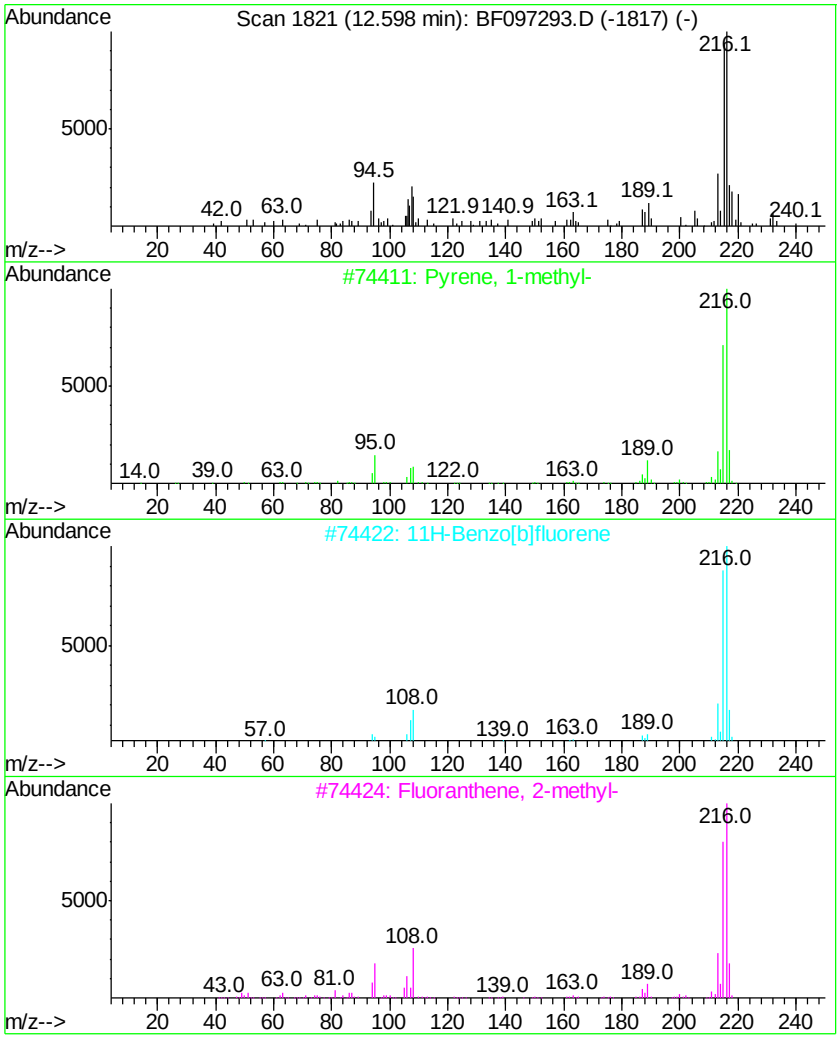
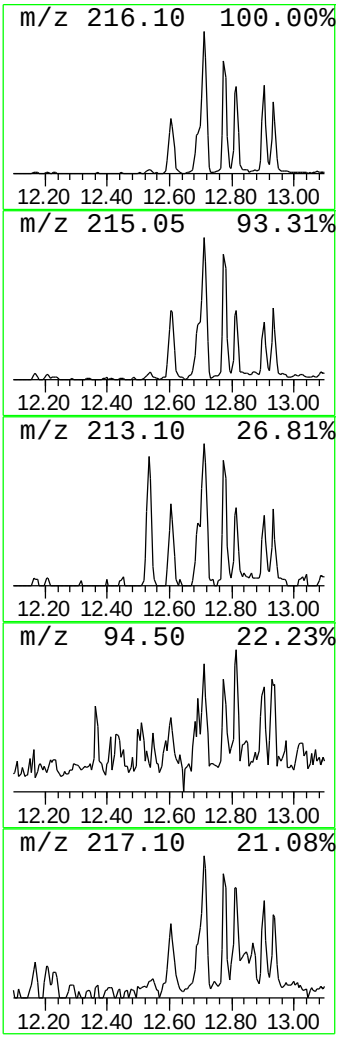
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.30 ng	111464	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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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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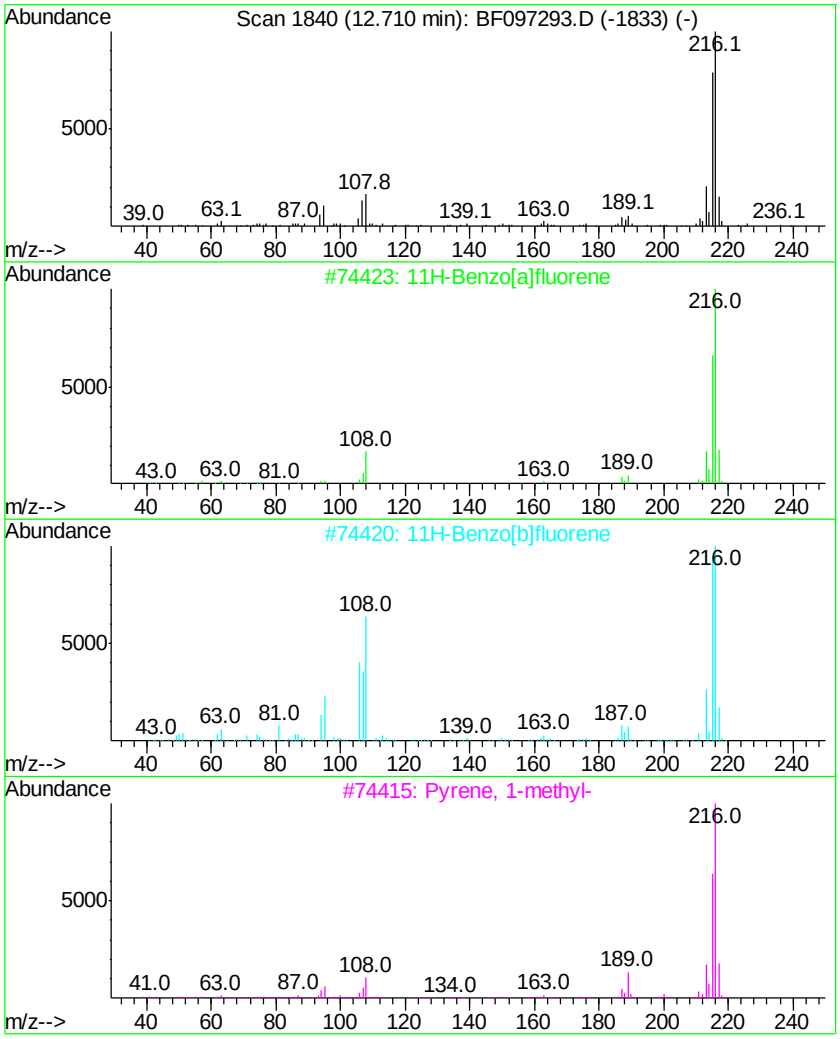
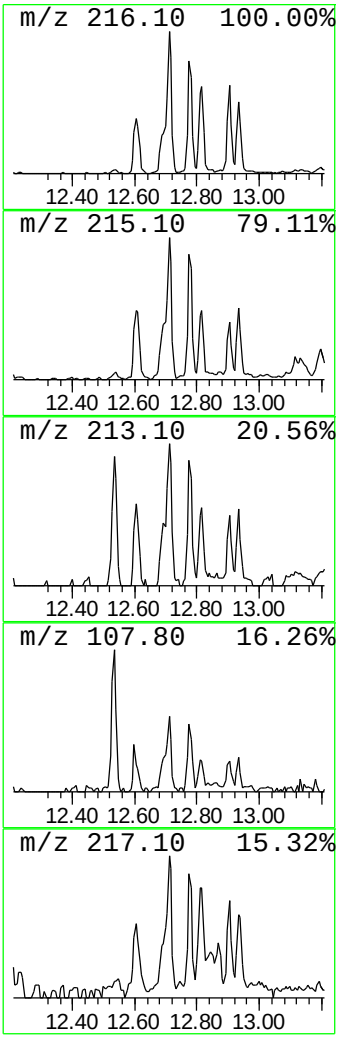
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.81 ng	233004	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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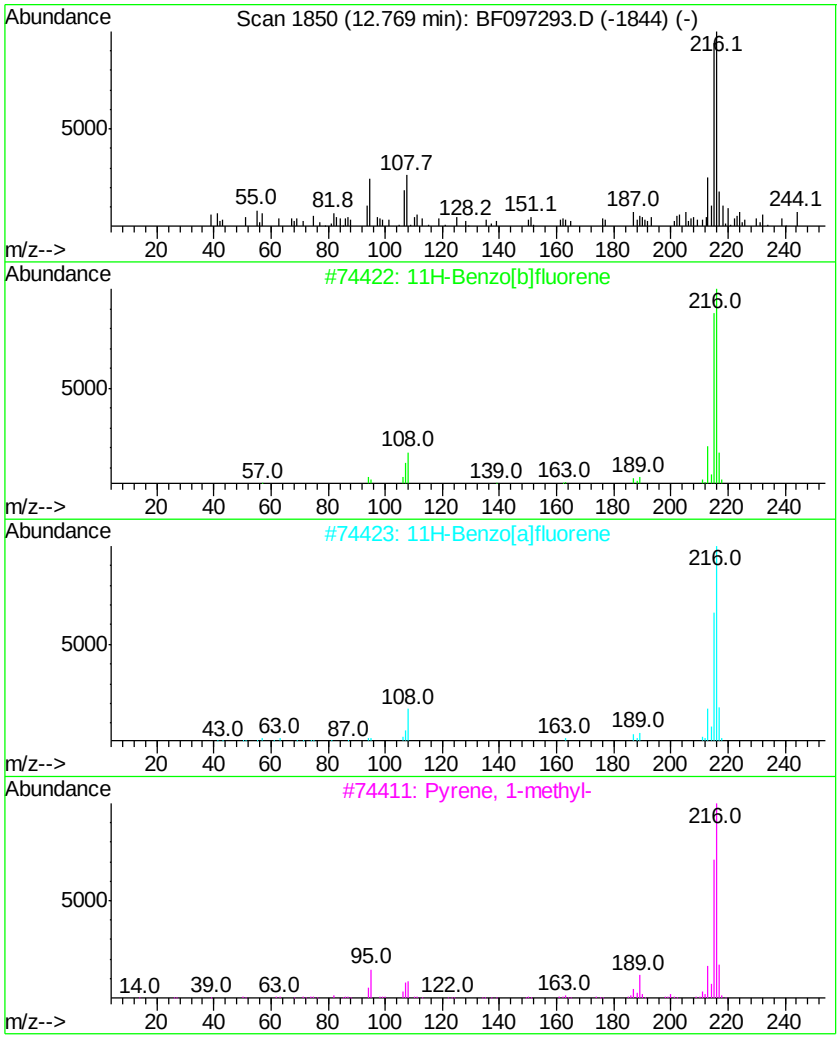
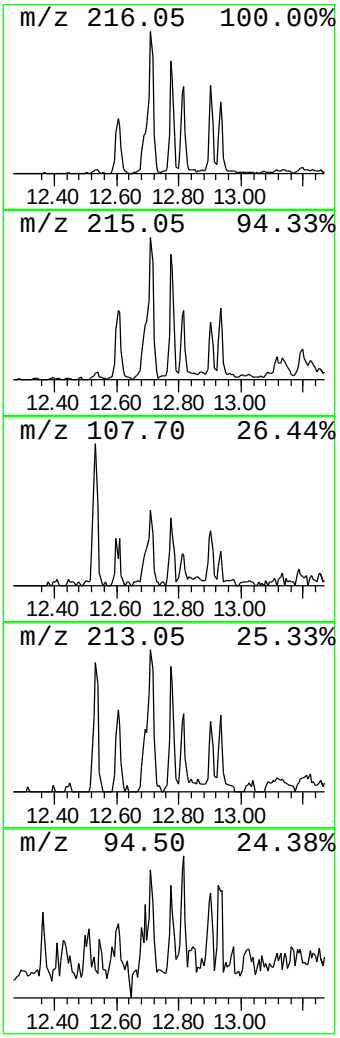
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.68 ng	178154	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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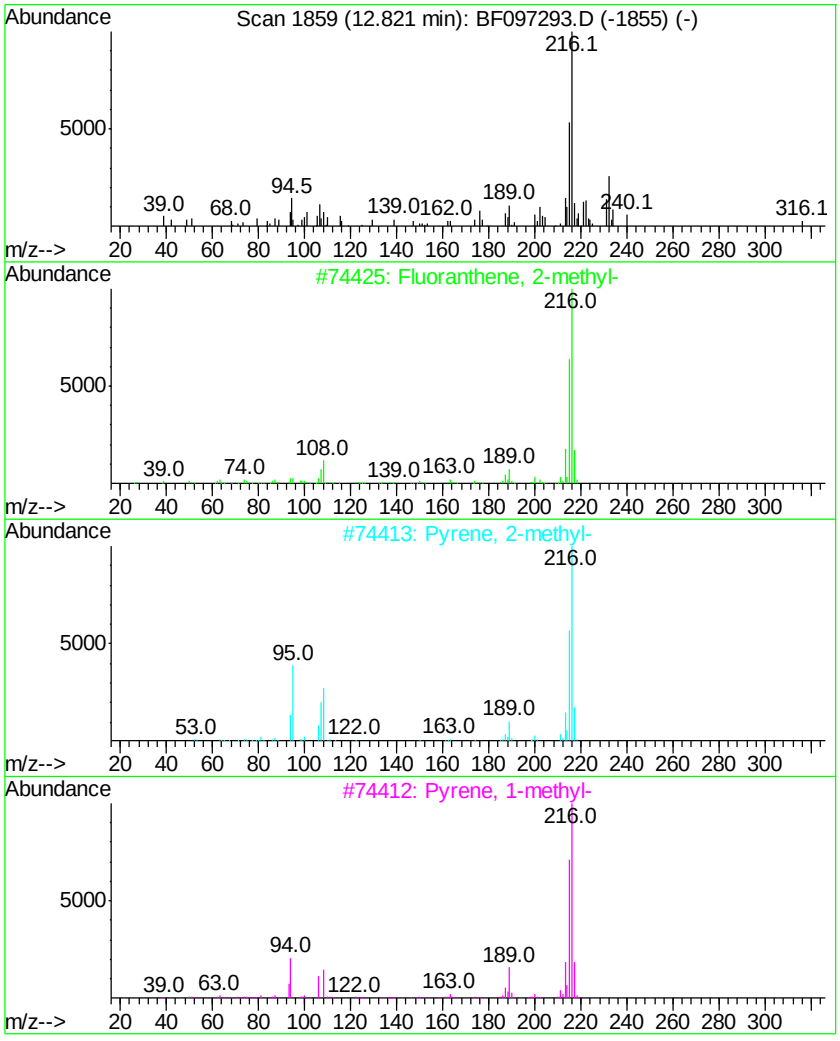
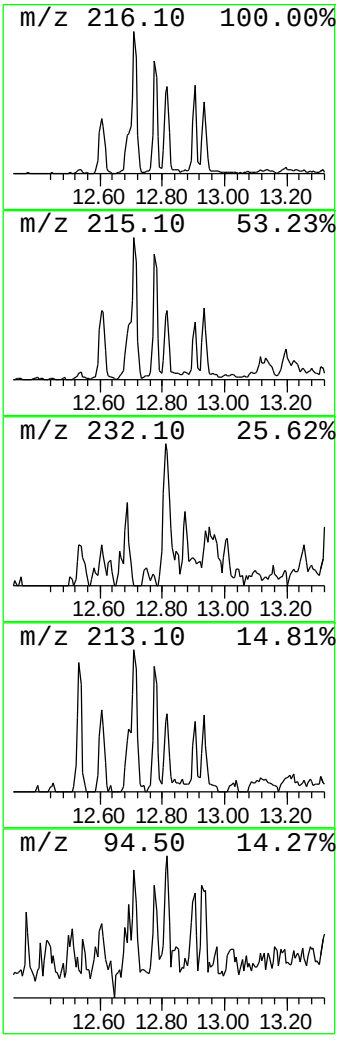
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	2.26 ng	109412	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58





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

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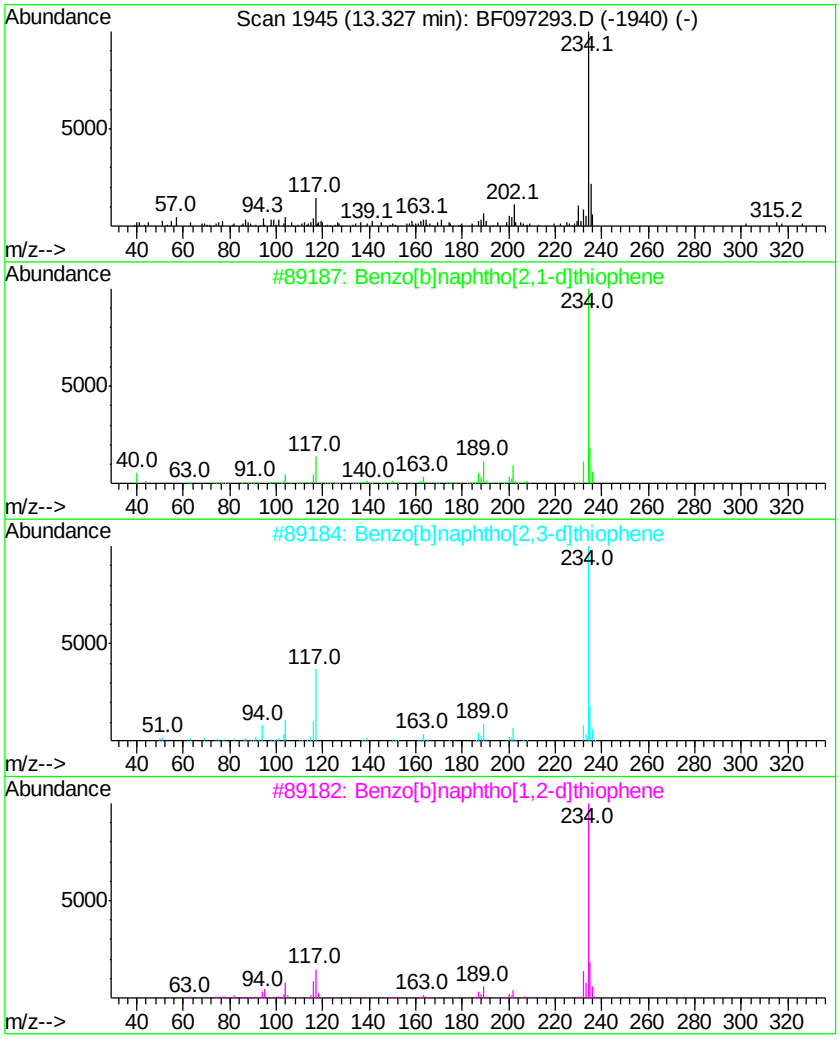
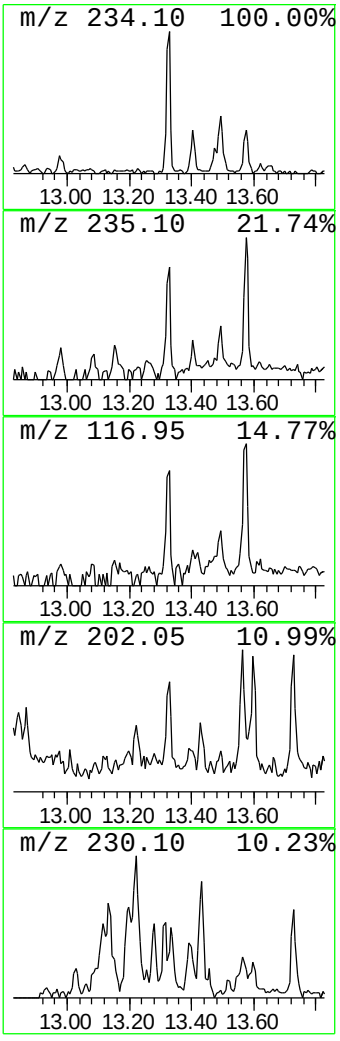
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.34 ng	113045	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	80
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	59





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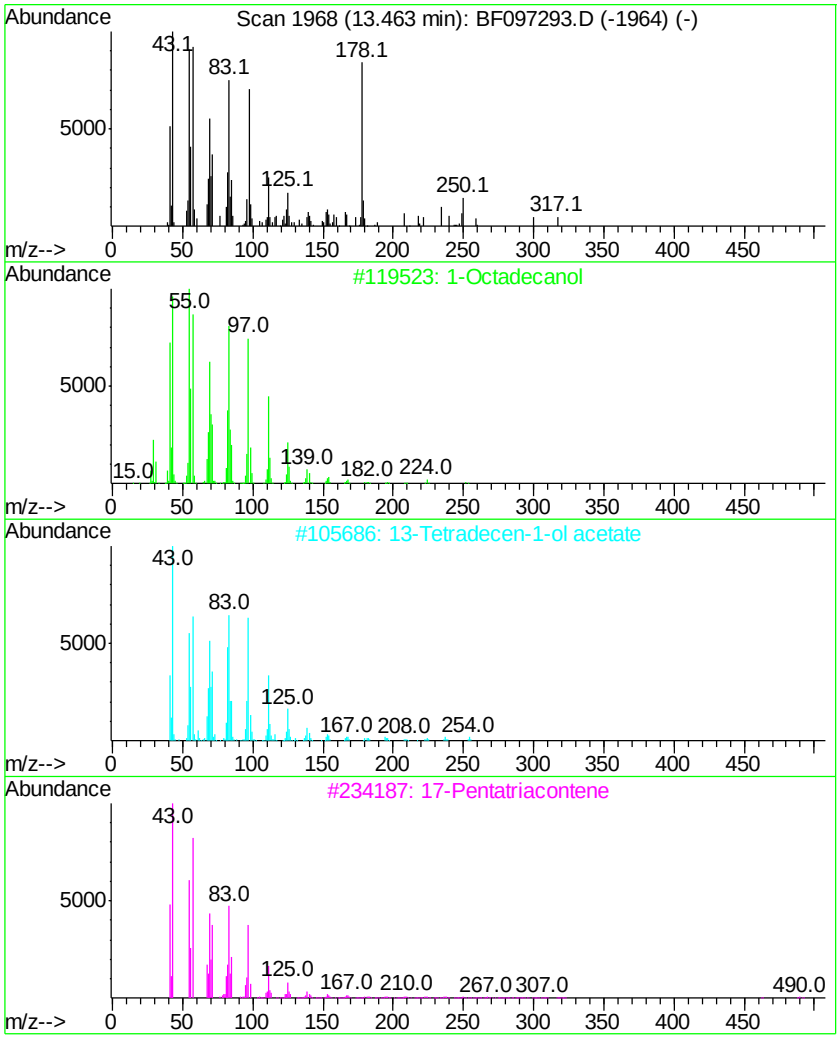
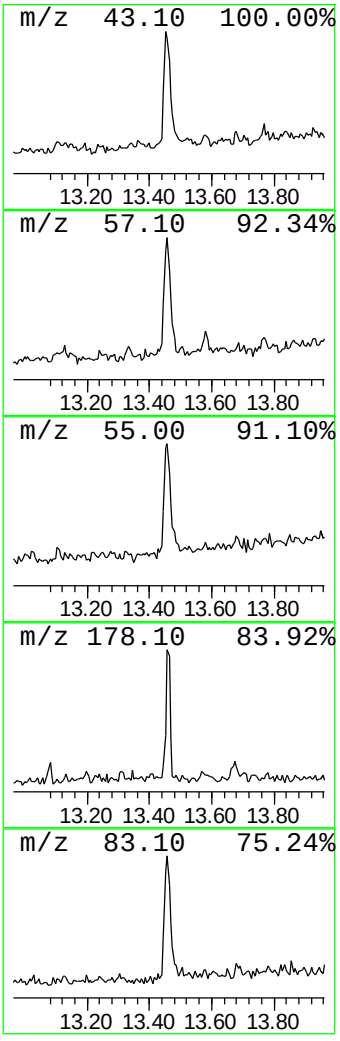
Peak Number 17 1-Octadecanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.32 ng	112479	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	70
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64
3	17-Pentatriacontene	491	C35H70	006971-40-0	64
4	1-Heneicosanol	312	C21H44O	015594-90-8	62
5	1-Eicosanol	298	C20H42O	000629-96-9	58





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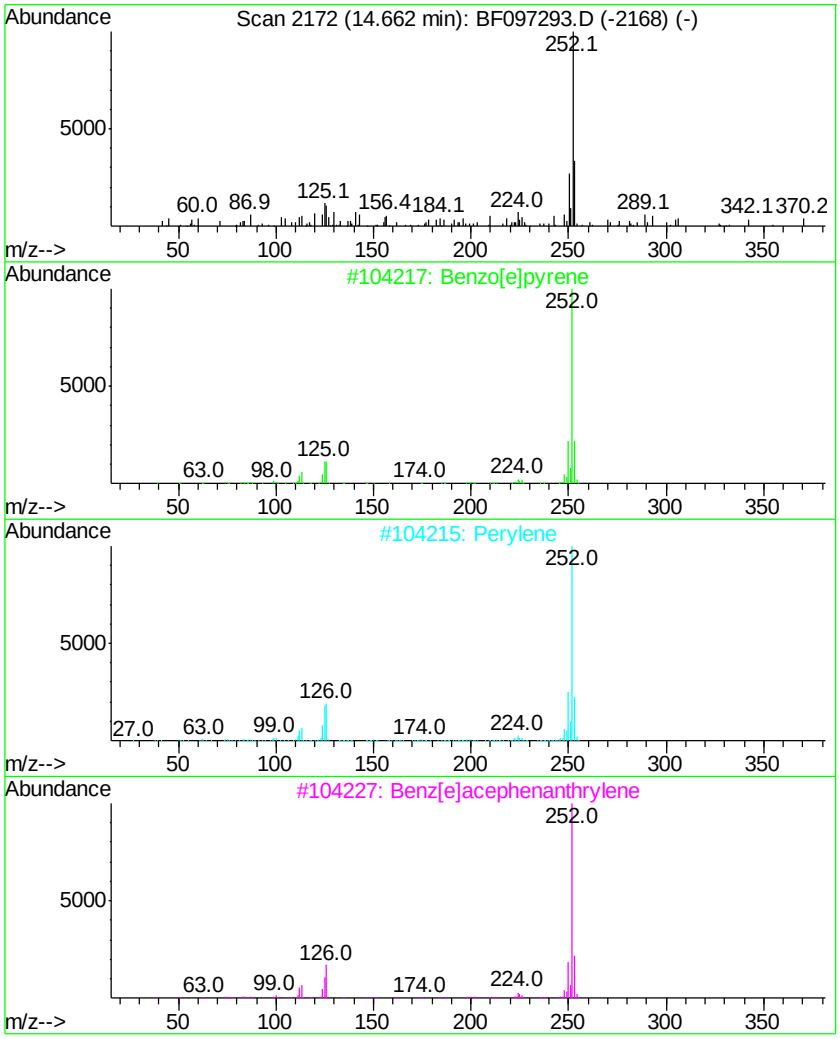
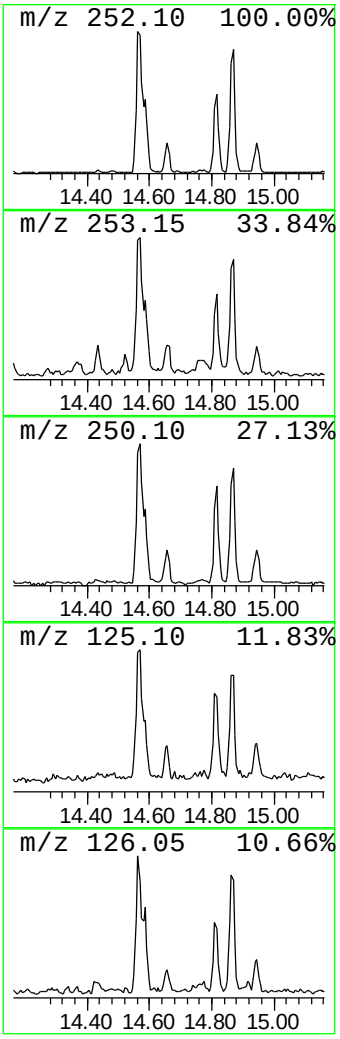
Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.75 ng	51272	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Perylene	252	C20H12	000198-55-0	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





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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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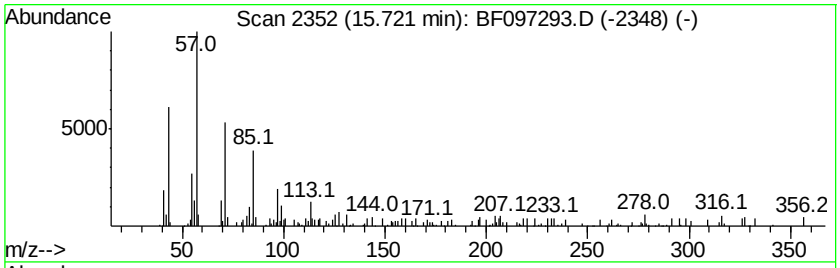
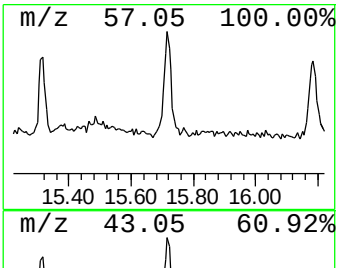
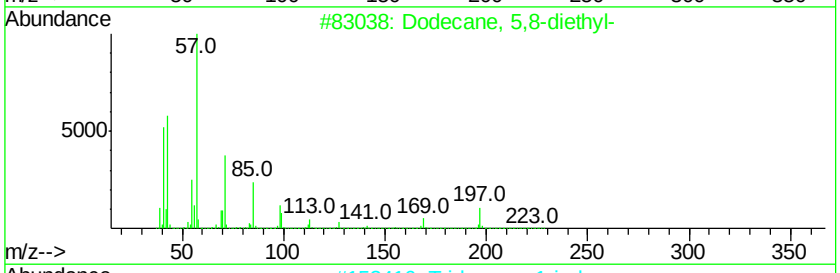
Peak Number 20 Dodecane, 5,8-diethyl- Concentration Rank 6

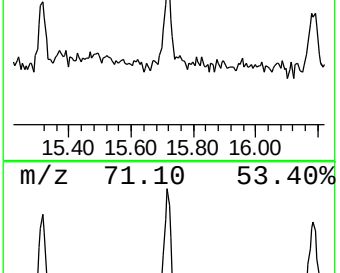
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.42 ng	100932	Perylene-d12	14.92

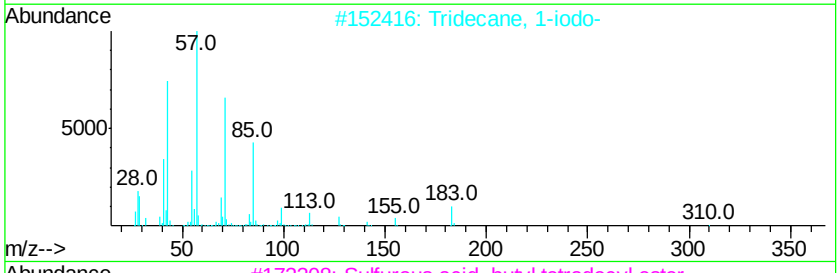
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	62
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	58
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
5	Pentadecane	212	C15H32	000629-62-9	58

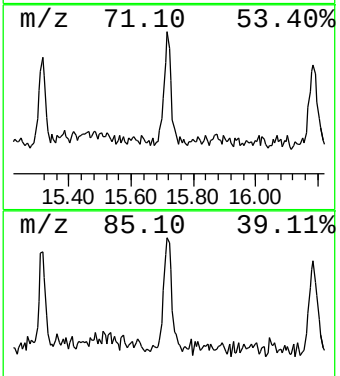


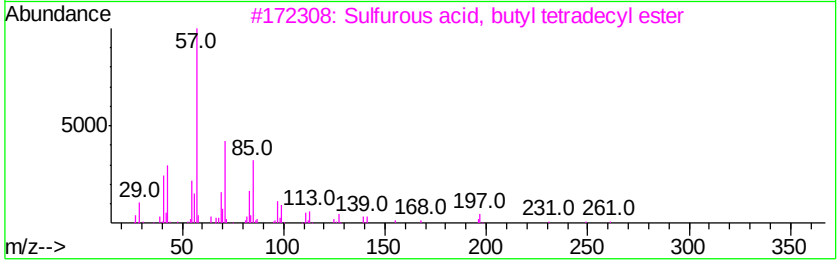


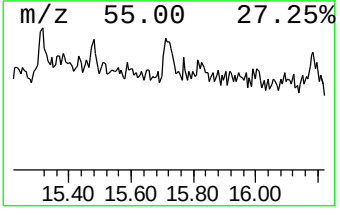












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097293.D
Acq On : 3 Aug 2017 00:25
Operator : SJ/JU
Sample : I4539-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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
2-Pentanone, 4-hy...	4.59	25.1	ng	939546	1	6.45	747168	20.0
unknown6.23	6.23	82.2	ng	3070740	1	6.45	747168	20.0
Dodecane, 2-methy...	10.40	3.0	ng	109461	4	10.95	721477	20.0
9H-Fluorene, 9-me...	10.57	2.3	ng	83734	4	10.95	721477	20.0
Phenanthrene, 2-m...	11.45	4.3	ng	156534	4	10.95	721477	20.0
Anthracene, 2-met...	11.53	2.7	ng	96885	4	10.95	721477	20.0
4H-Cyclopenta[def...	11.56	7.8	ng	283123	4	10.95	721477	20.0
Tricyclo[8.2.2.2(...	11.75	3.0	ng	106585	4	10.95	721477	20.0
Phenanthrene, 3,6...	12.00	3.8	ng	138144	4	10.95	721477	20.0
unknown12.03	12.03	2.7	ng	96868	4	10.95	721477	20.0
Pyrene, 1-methyl-	12.60	2.3	ng	111464	5	13.57	968087	20.0
11H-Benzo[a]fluorene	12.71	4.8	ng	233004	5	13.57	968087	20.0
11H-Benzo[b]fluorene	12.77	3.7	ng	178154	5	13.57	968087	20.0
Fluoranthene, 2-m...	12.82	2.3	ng	109412	5	13.57	968087	20.0
Benzo[b]naphtho[2...	13.33	2.3	ng	113045	5	13.57	968087	20.0
1-Octadecanol	13.46	2.3	ng	112479	5	13.57	968087	20.0
Benzo[e]pyrene	14.66	2.8	ng	51272	6	14.92	372412	20.0
Dodecane, 5,8-die...	15.72	5.4	ng	100932	6	14.92	372412	20.0