LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097906.D
Acq On : 21 Aug 2017 15:10
Operator : SJ/JU
Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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-BF081517.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	3.081	166	169	179	rBV	44286	87615	4.30%	0.349%
2	4.934	480	484	494	rVB	225272	263888	12.94%	1.050%
3	5.351	550	555	558	rBV	2100354	1949529	95.60%	7.757%
4	6.381	725	730	735	rVB	2182772	2039285	100.00%	8.114%
5	6.516	748	753	756	rBV	2222650	1988792	97.52%	7.913%
6	6.745	789	792	796	rBV	804882	706816	34.66%	2.812%
7	6.904	815	819	822	rBV	1855881	1527788	74.92%	6.079%
8	7.310	883	888	891	rBV	1473608	1205231	59.10%	4.796%
9	7.404	899	904	907	rBV	45304	49460	2.43%	0.197%
10	7.934	990	994	998	rBV	29487	26361	1.29%	0.105%
11	8.028	1006	1010	1014	rBV	898678	835407	40.97%	3.324%
12	9.104	1189	1193	1197	rBV	2078723	1904574	93.39%	7.578%
13	9.192	1203	1208	1213	rBV4	17673	27391	1.34%	0.109%
14	9.439	1245	1250	1253	rBV3	22098	25095	1.23%	0.100%
15	9.498	1257	1260	1264	rBV	294084	257656	12.63%	1.025%
16	9.639	1282	1284	1289	rBV	76966	68671	3.37%	0.273%
17	9.722	1296	1298	1303	rVB	33303	25316	1.24%	0.101%
18	9.780	1303	1308	1312	rVV2	793573	727792	35.69%	2.896%
19	9.816	1312	1314	1318	rVB	77641	62207	3.05%	0.248%
20	9.945	1331	1336	1340	rBV7	10056	21408	1.05%	0.085%
21	9.986	1340	1343	1345	rVB	56580	45275	2.22%	0.180%
22	10.098	1357	1362	1365	rBV6	13304	21652	1.06%	0.086%
23	10.192	1373	1378	1380	rBV3	18022	23115	1.13%	0.092%
24	10.222	1380	1383	1387	rVB2	46431	46924	2.30%	0.187%
25	10.298	1392	1396	1398	rVB2	35922	34478	1.69%	0.137%
26	10.328	1398	1401	1407	rVB	70874	73307	3.59%	0.292%
27	10.392	1407	1412	1414	rBV4	15553	22358	1.10%	0.089%
28	10.439	1417	1420	1423	rVV3	26121	24053	1.18%	0.096%
29	10.569	1437	1442	1445	rBV	975087	897257	44.00%	3.570%
30	10.692	1461	1463	1469	rVB	83090	85978	4.22%	0.342%
31	10.875	1490	1494	1497	rBV4	21555	28772	1.41%	0.114%
32	11.069	1524	1527	1531	rVB4	21091	23638	1.16%	0.094%
33	11.139	1537	1539	1541	rBV	48275	38400	1.88%	0.153%
34	11.163	1541	1543	1549	rVB2	47307	57415	2.82%	0.228%

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Sample : I4844-01
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081617

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.263	1556	1560	1562	rBV	750896	634993	31.14%	2.527%
36	11.286	1562	1564	1568	rVV	490666	369500	18.12%	1.470%
37	11.339	1568	1573	1576	rVV	181651	165865	8.13%	0.660%
38	11.369	1576	1578	1582	rVB2	25766	27771	1.36%	0.110%
39	11.492	1594	1599	1602	rBV	52386	53575	2.63%	0.213%
40	11.563	1609	1611	1614	rBV	46884	39224	1.92%	0.156%
41	11.669	1626	1629	1635	rVB2	23034	34516	1.69%	0.137%
42	11.763	1642	1645	1647	rBV	96061	76726	3.76%	0.305%
43	11.792	1647	1650	1654	rVB	134987	122079	5.99%	0.486%
44	11.839	1654	1658	1660	rBV	67065	62994	3.09%	0.251%
45	11.874	1660	1664	1666	rVV	189846	191560	9.39%	0.762%
46	11.898	1666	1668	1672	rVB	80328	63598	3.12%	0.253%
47	11.974	1678	1681	1683	rBV2	29810	29839	1.46%	0.119%
48	12.057	1693	1695	1697	rBV	64115	56529	2.77%	0.225%
49	12.080	1697	1699	1703	rVB2	55345	50978	2.50%	0.203%
50	12.210	1719	1721	1723	rVB	27630	22279	1.09%	0.089%
51	12.239	1723	1726	1728	rBV	43722	36924	1.81%	0.147%
52	12.263	1728	1730	1732	rVB2	33658	24991	1.23%	0.099%
53	12.310	1735	1738	1741	rBV	92100	100619	4.93%	0.400%
54	12.351	1741	1745	1746	rVV2	69033	78919	3.87%	0.314%
55	12.392	1750	1752	1757	rBV3	54684	68455	3.36%	0.272%
56	12.474	1762	1766	1769	rVB	931994	825185	40.46%	3.283%
57	12.533	1771	1776	1779	rBV3	28816	51728	2.54%	0.206%
58	12.563	1779	1781	1785	rBV2	28218	28154	1.38%	0.112%
59	12.621	1789	1791	1795	rVB4	27173	27209	1.33%	0.108%
60	12.698	1798	1804	1807	rBV	817952	910073	44.63%	3.621%
61	12.751	1811	1813	1818	rVB2	46996	65806	3.23%	0.262%
62	12.816	1821	1824	1826	rBV	61628	65056	3.19%	0.259%
63	12.851	1826	1830	1833	rBV	1517442	1444147	70.82%	5.746%
64	12.916	1837	1841	1845	rBV3	79609	131148	6.43%	0.522%
65	13.004	1853	1856	1857	rBV3	45969	48461	2.38%	0.193%
66	13.027	1857	1860	1864	rVB	208956	185110	9.08%	0.737%
67	13.092	1868	1871	1874	rVB2	178654	148102	7.26%	0.589%
68	13.127	1874	1877	1880	rBV2	119682	132481	6.50%	0.527%
69	13.221	1891	1893	1896	rVB	69792	52699	2.58%	0.210%
70	13.251	1896	1898	1903	rBV2	82580	81614	4.00%	0.325%
71	13.427	1926	1928	1931	rBV2	51203	49429	2.42%	0.197%

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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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.533	1944	1946	1951	rVB	67700	77706	3.81%	0.309%
73	13.674	1968	1970	1972	rBV	72411	51616	2.53%	0.205%
74	13.751	1979	1983	1991	rVB4	125123	185592	9.10%	0.738%
75	13.892	2002	2007	2010	rBV2	874685	1200929	58.89%	4.778%
76	13.921	2010	2012	2015	rVB	448692	329664	16.17%	1.312%
77	13.998	2023	2025	2029	rVB	77914	66145	3.24%	0.263%
78	14.910	2177	2180	2183	rBV	336609	482764	23.67%	1.921%
79	15.198	2226	2229	2234	rVB	206203	249776	12.25%	0.994%
80	15.257	2236	2239	2246	rBV	260557	299329	14.68%	1.191%
81	15.321	2246	2250	2252	rBV	343070	407642	19.99%	1.622%

Sum of corrected areas: 25132403

LSC Report - Integrated Chromatogram

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Data File : BF097906.D
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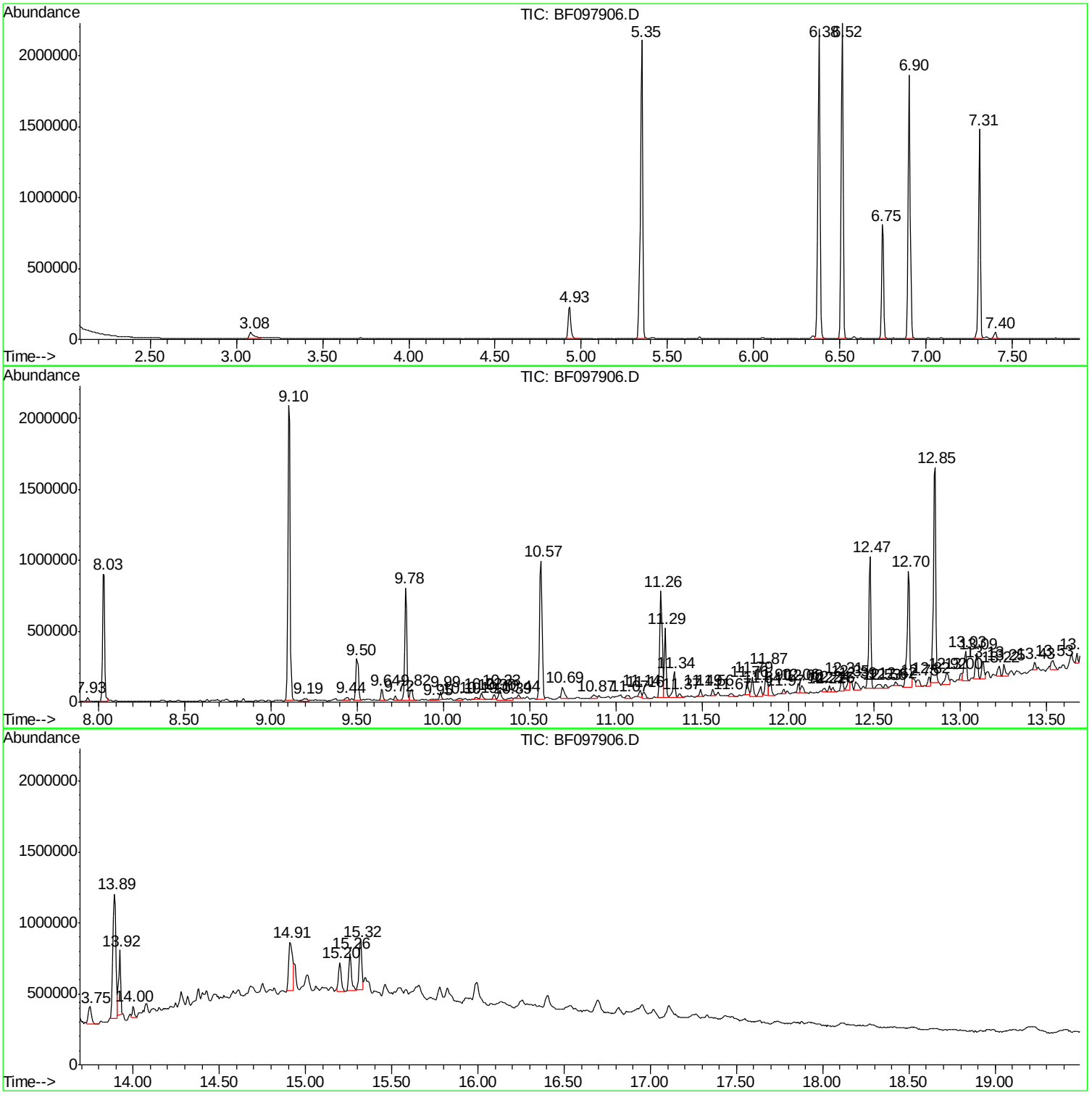
Operator : SJ/JU
Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097906.D
Acq On : 21 Aug 2017 15:10
Operator : SJ/JU
Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

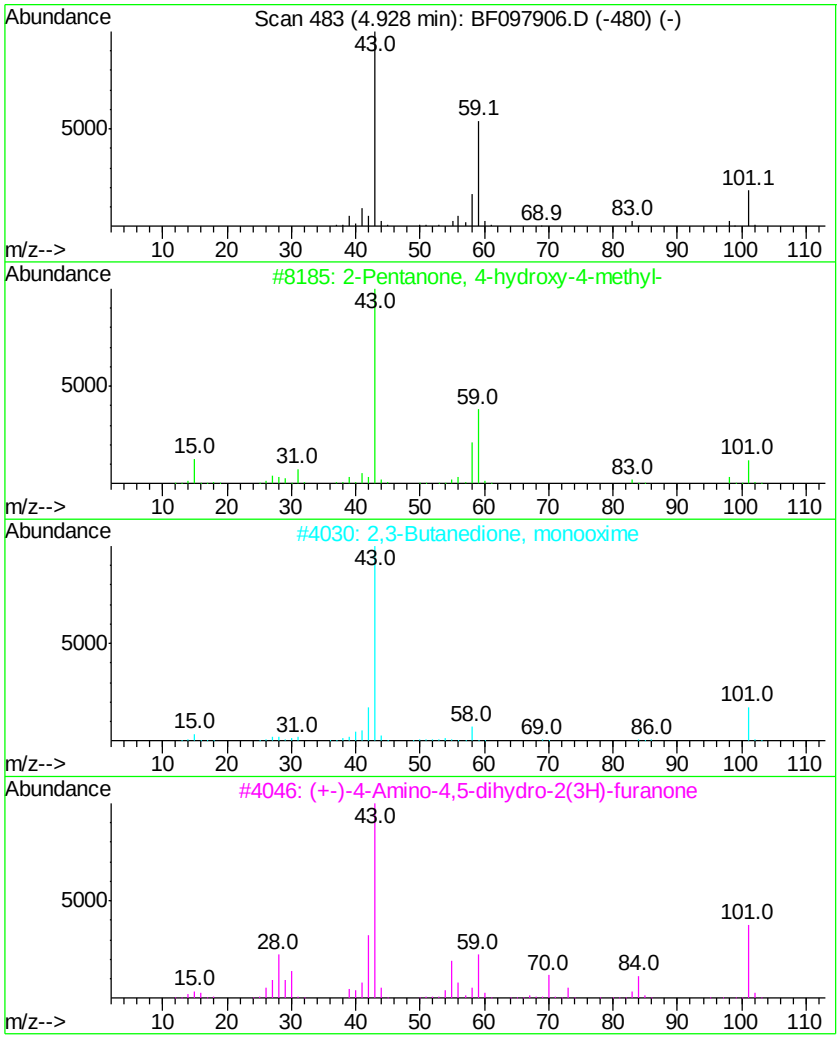
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

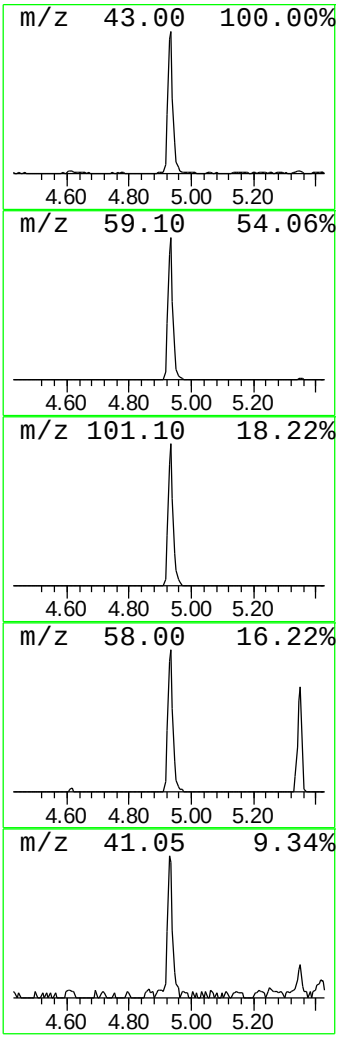
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	7.47 ng	263888	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

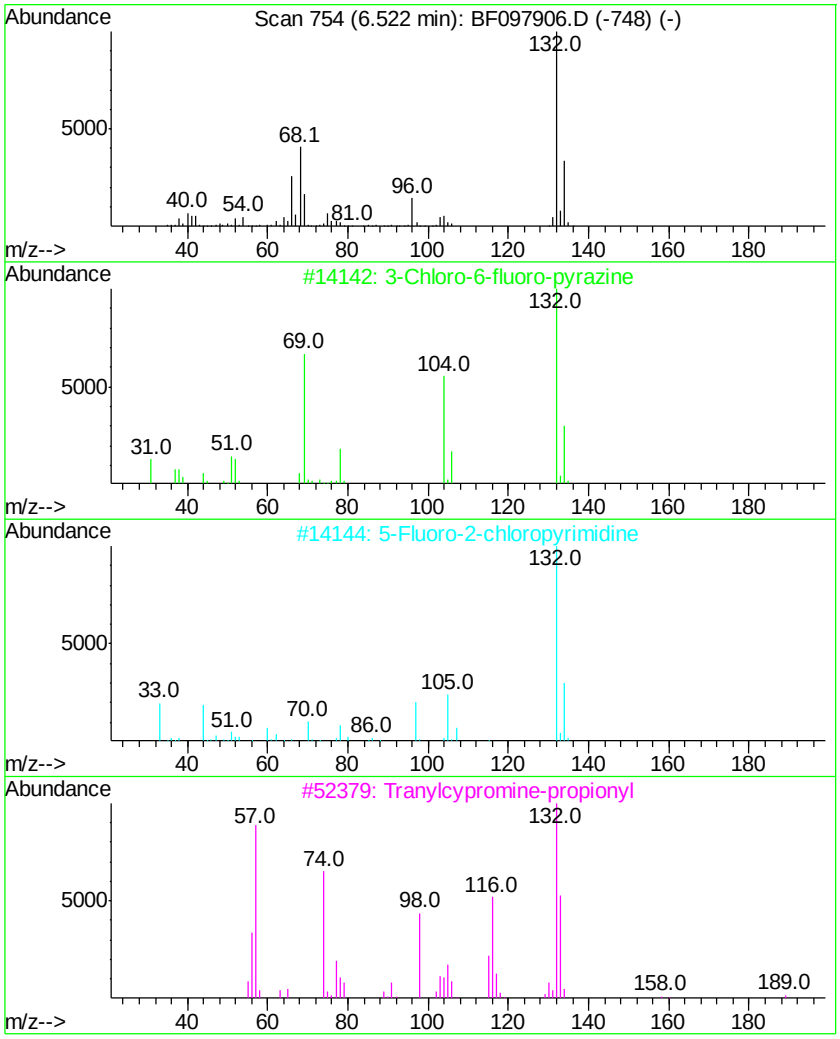
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

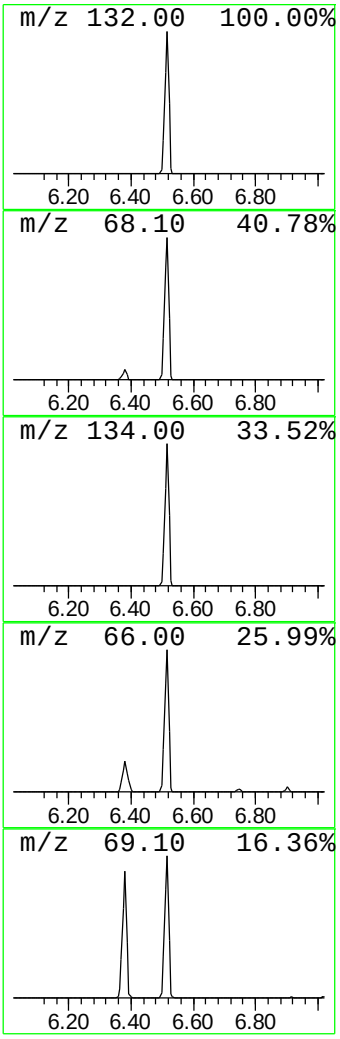
****

Peak Number 3 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	56.27 ng	1988790	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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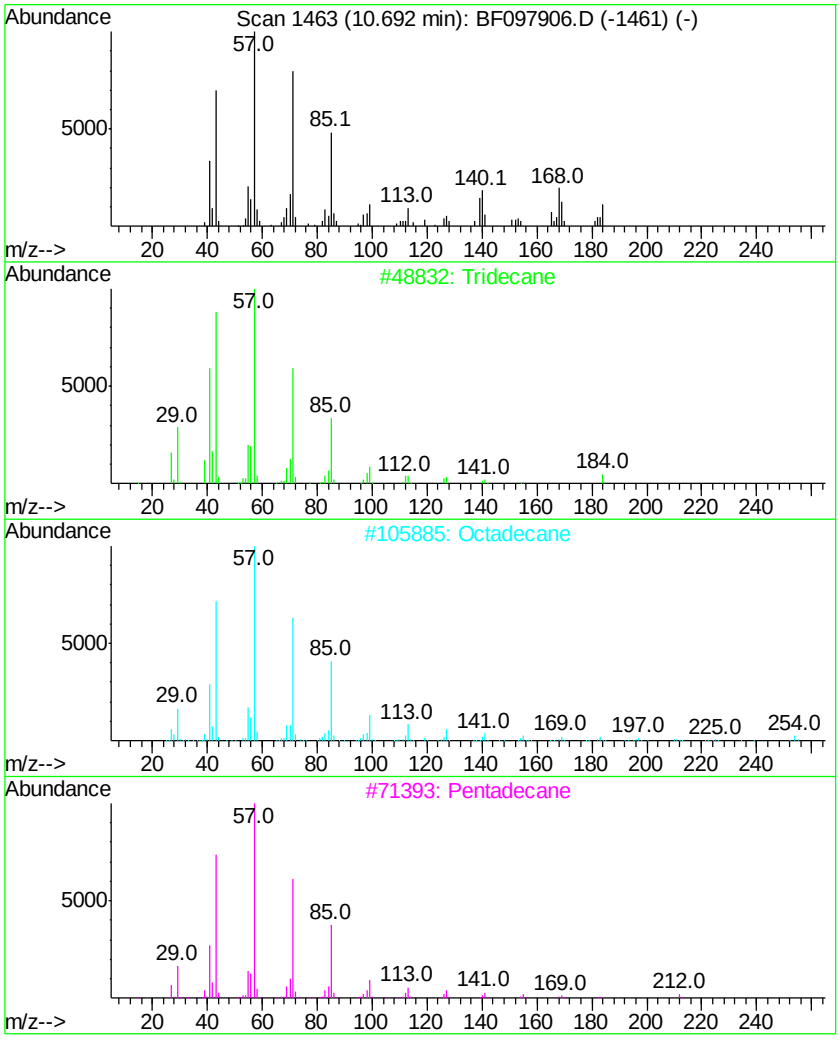
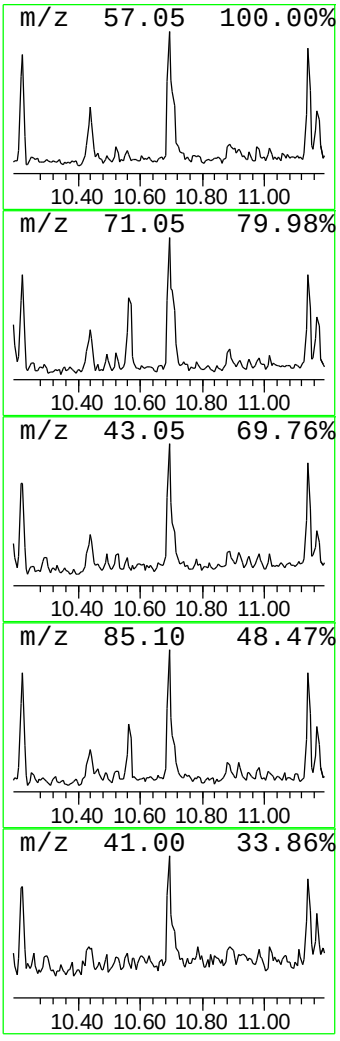
****

Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.71 ng	85978	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Octadecane	254	C18H38	000593-45-3	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Dodecane	170	C12H26	000112-40-3	62





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ClientSampleId : OR-03-081617

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TIC Library : C:\DATABASE\NIST11.L
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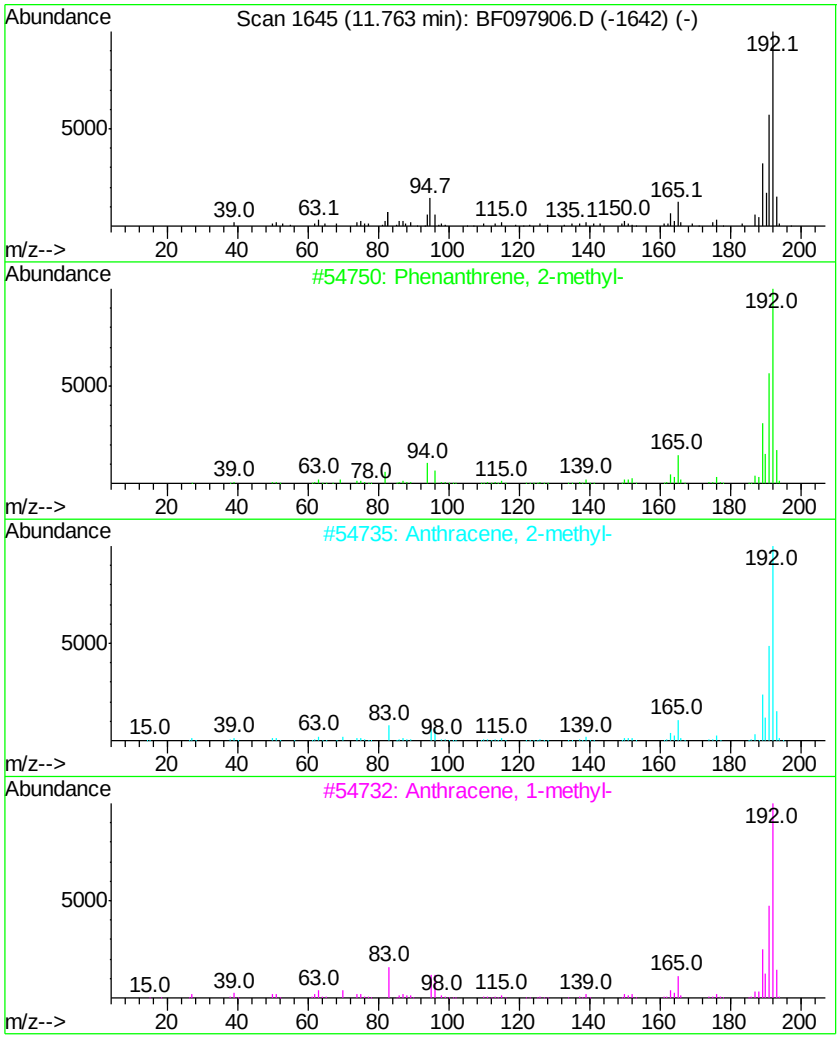
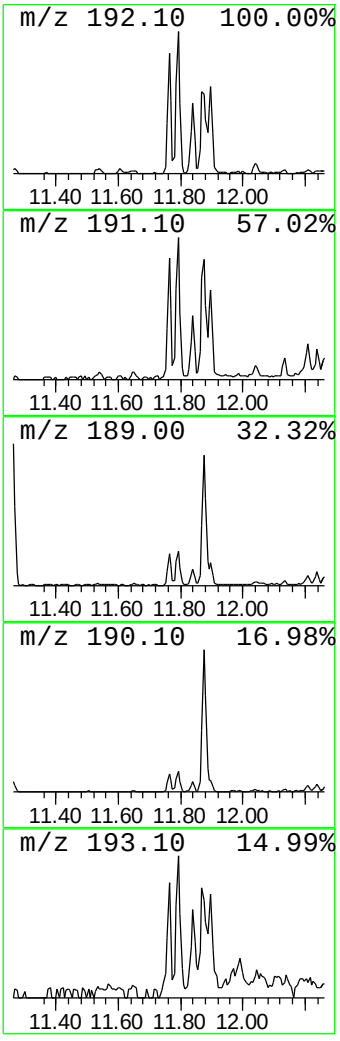
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.42 ng	76726	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

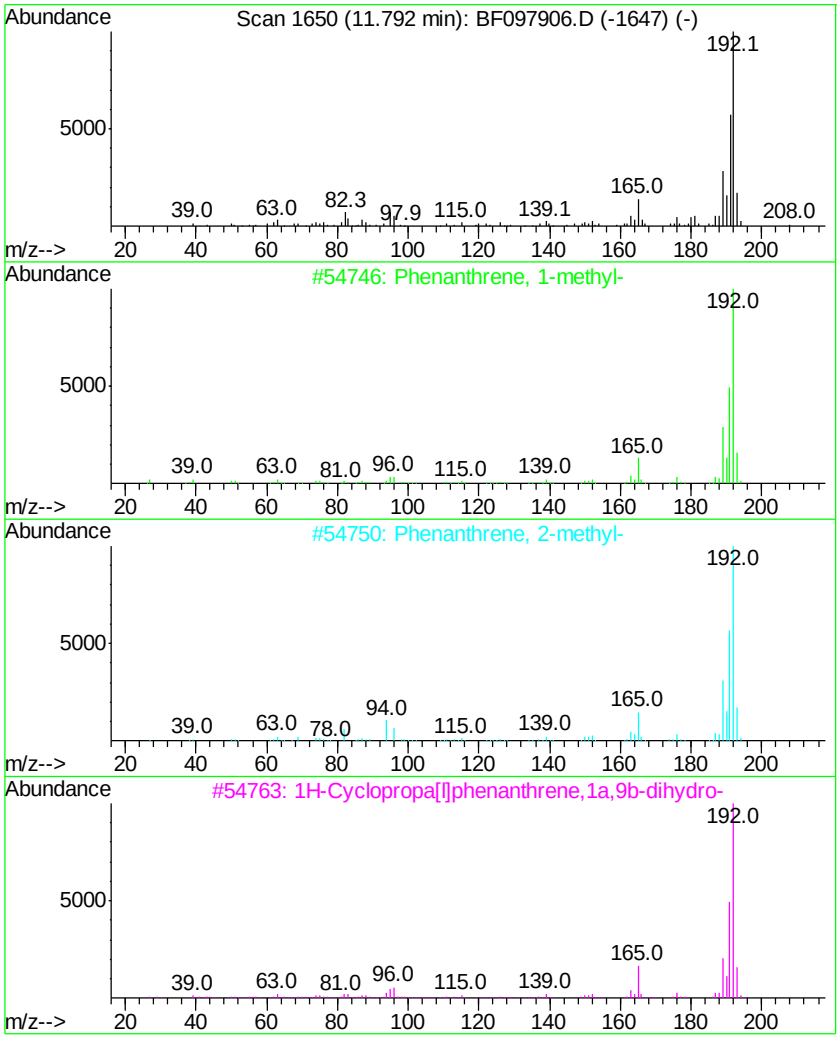
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

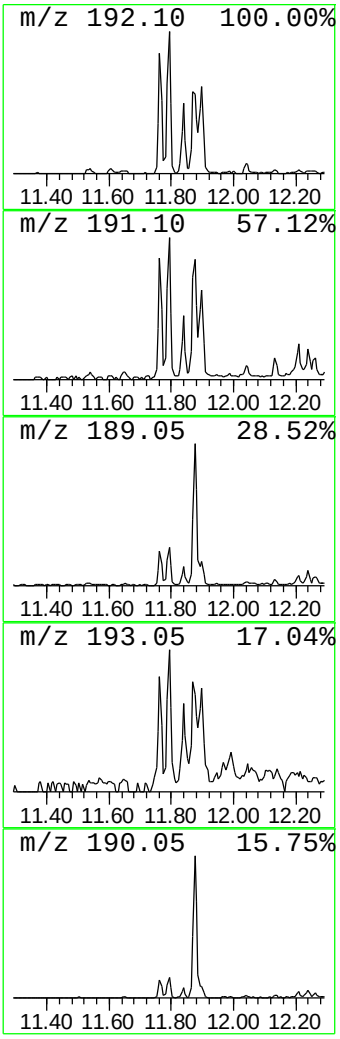
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.85 ng	122079	Phenanthrene-d10	11.26

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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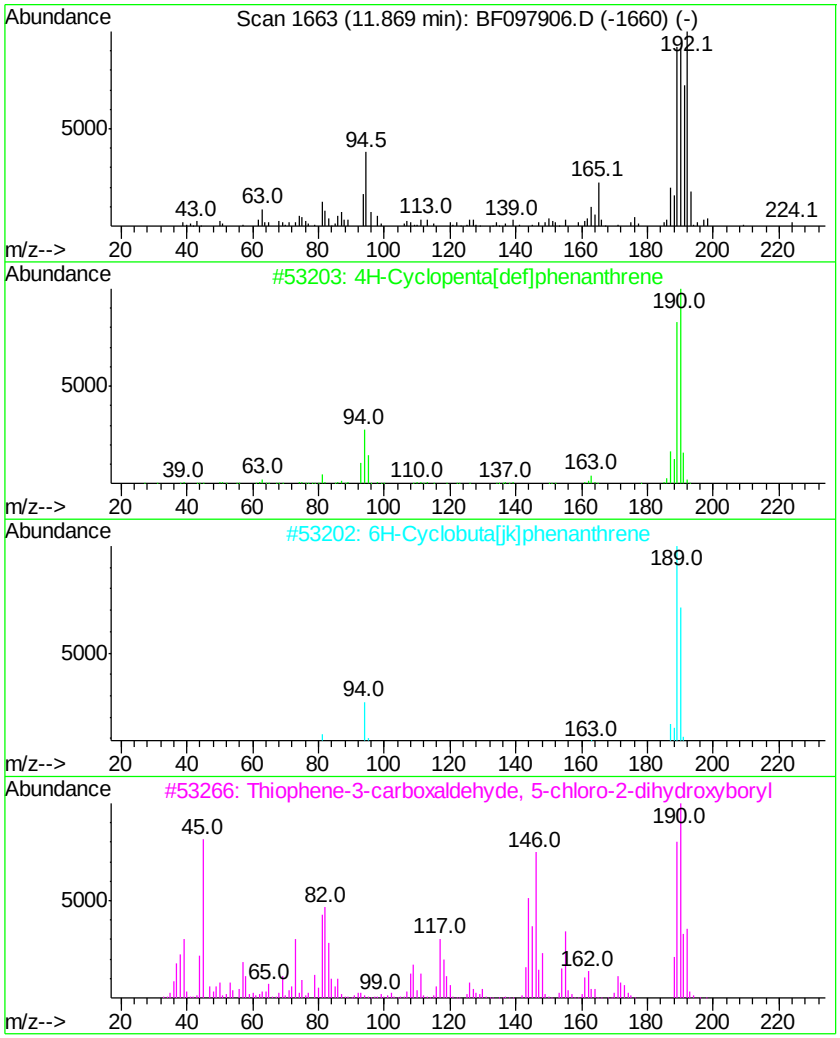
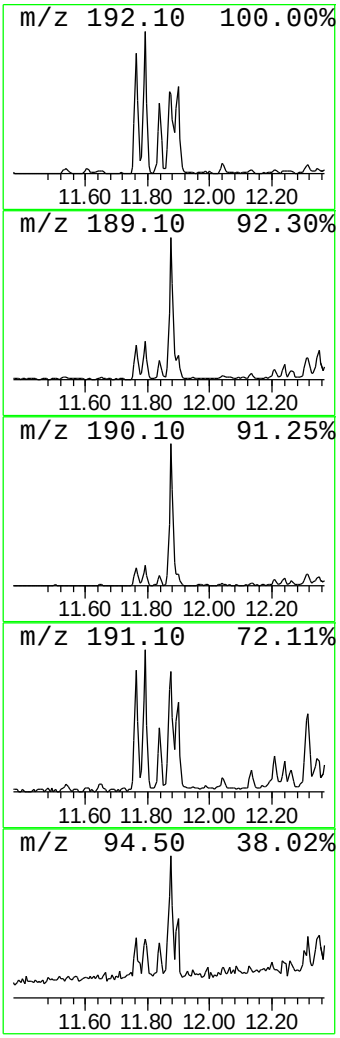
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.03 ng	191560	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	16





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Acq On : 21 Aug 2017 15:10
Operator : SJ/JU
Sample : I4844-01
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

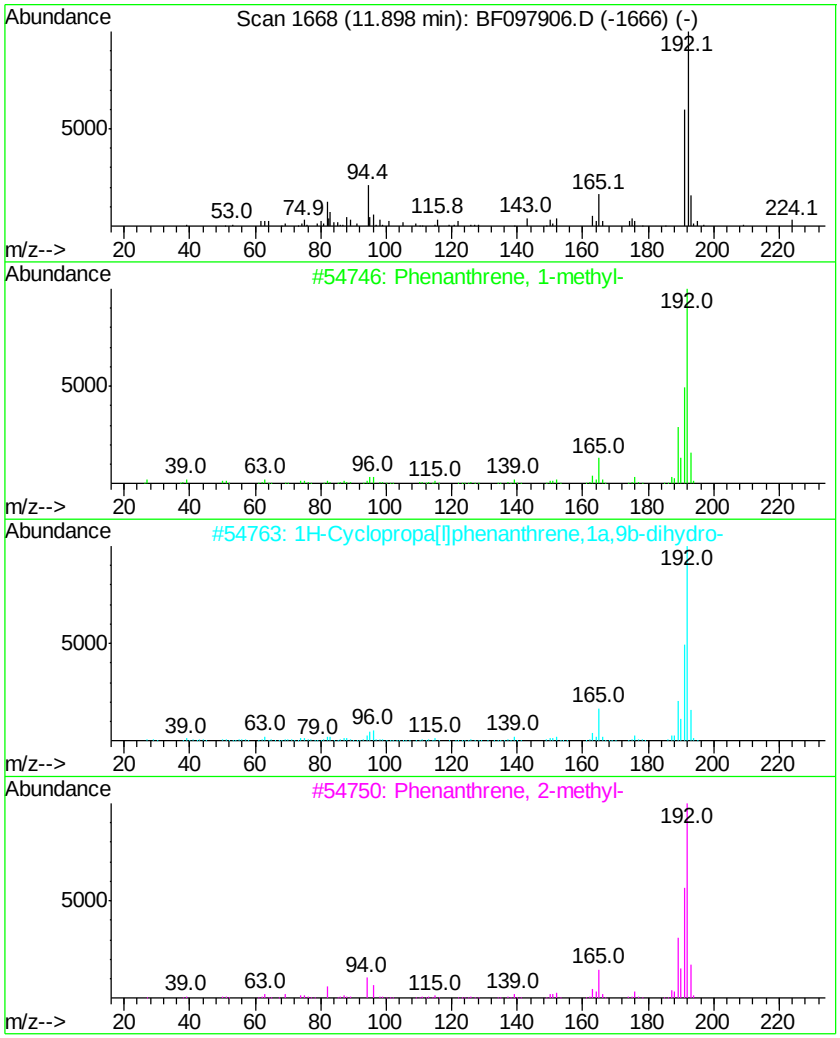
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

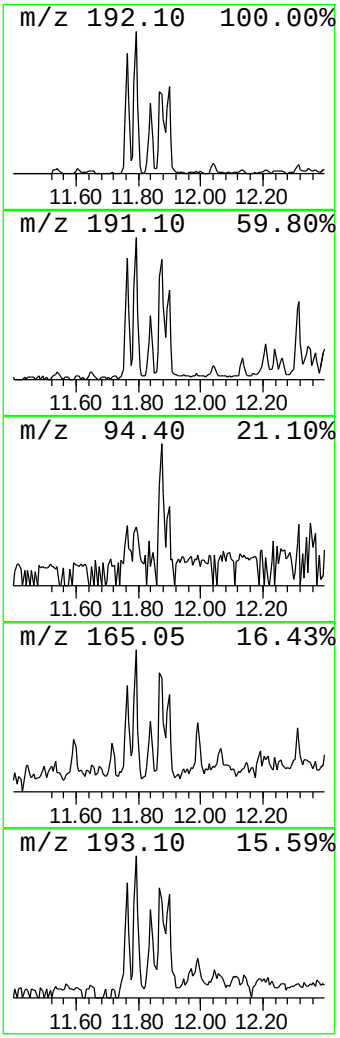
****

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.00 ng	63598	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

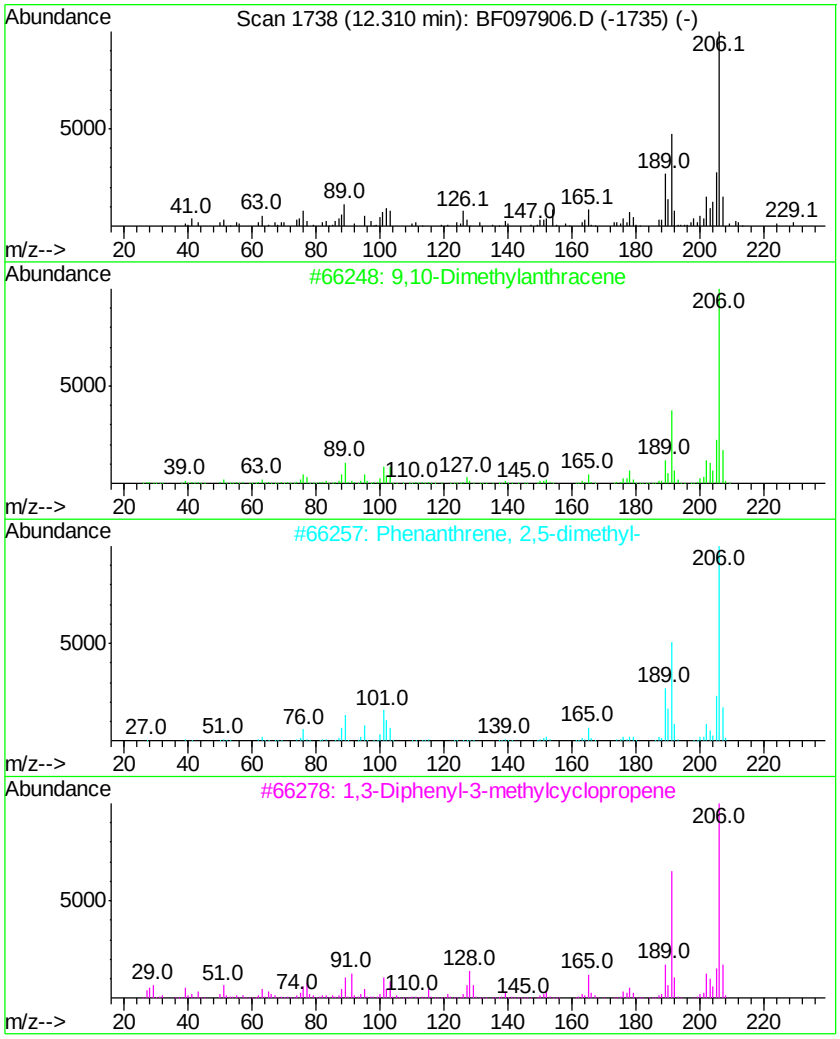
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

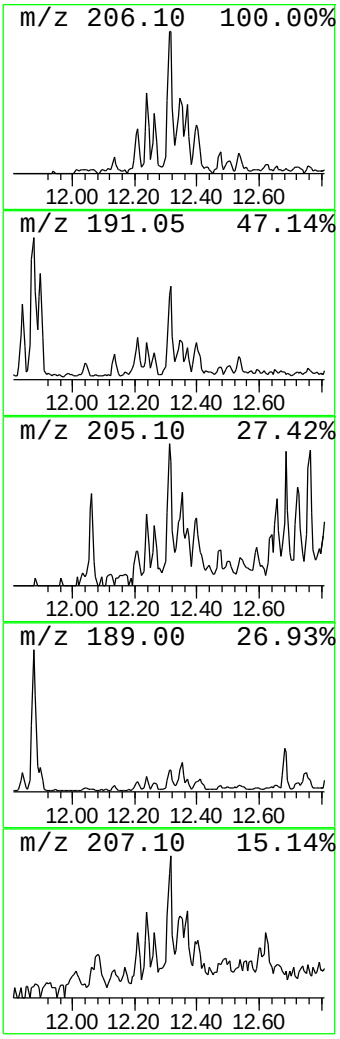
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.17 ng	100619	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

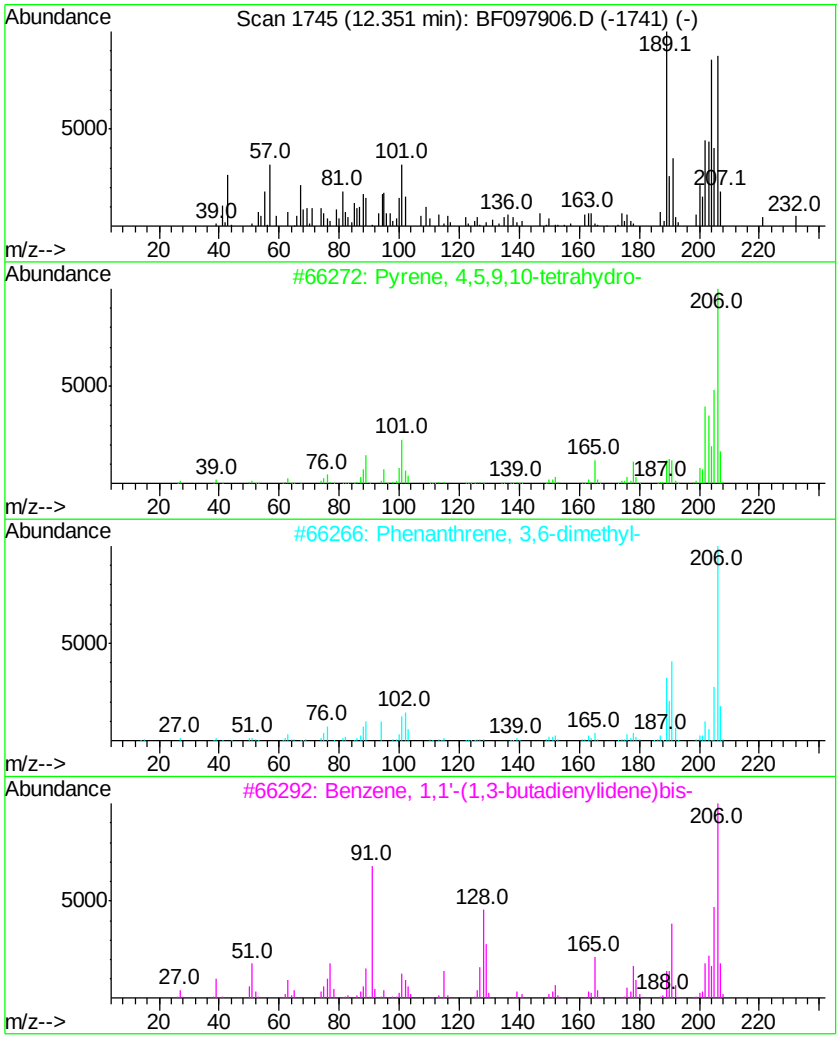
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

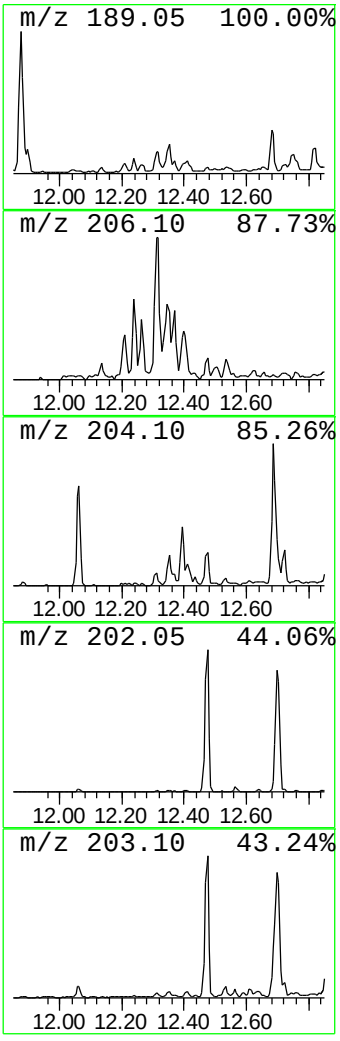
****

Peak Number 12 unknown12.35 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.49 ng	78919	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	25
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
5	Levamisole	204	C11H12N2S	014769-73-4	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

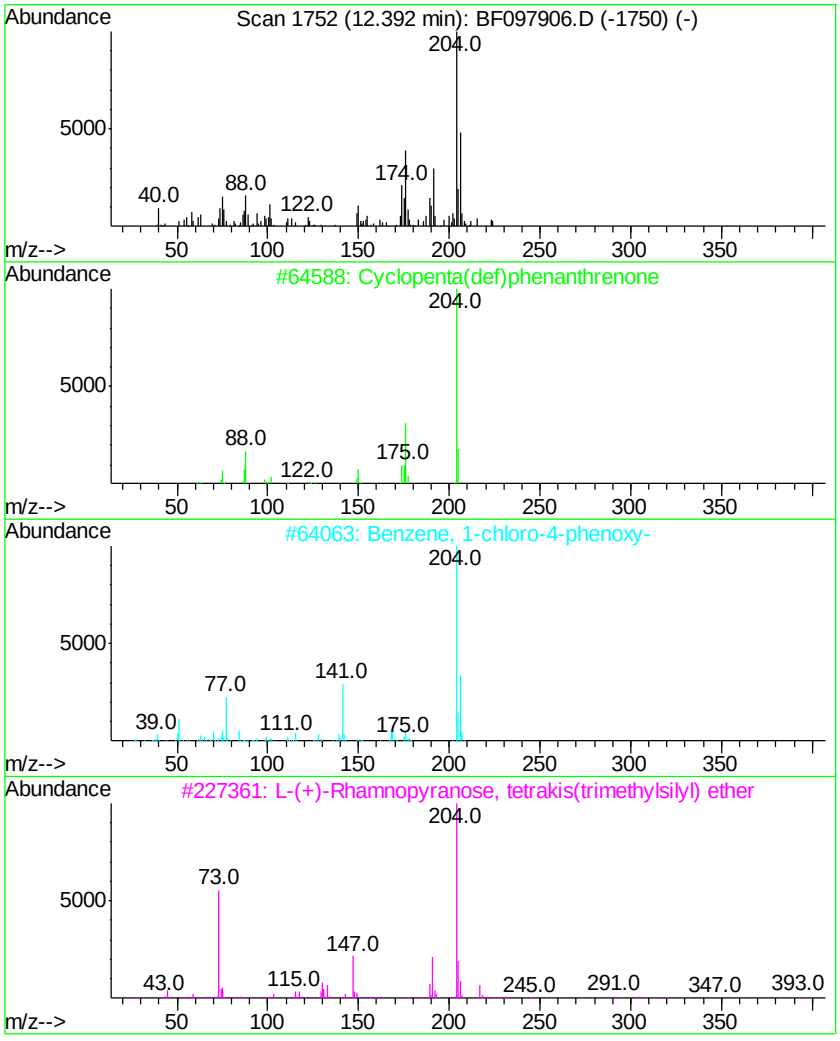
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

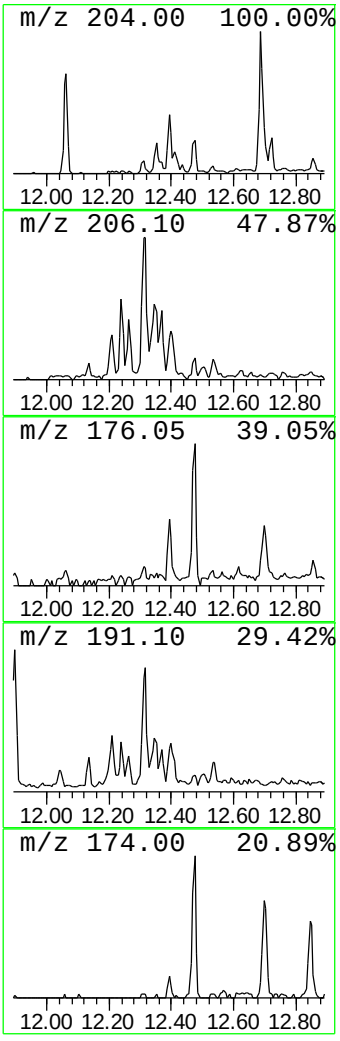
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.16 ng	68455	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41





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Sample : I4844-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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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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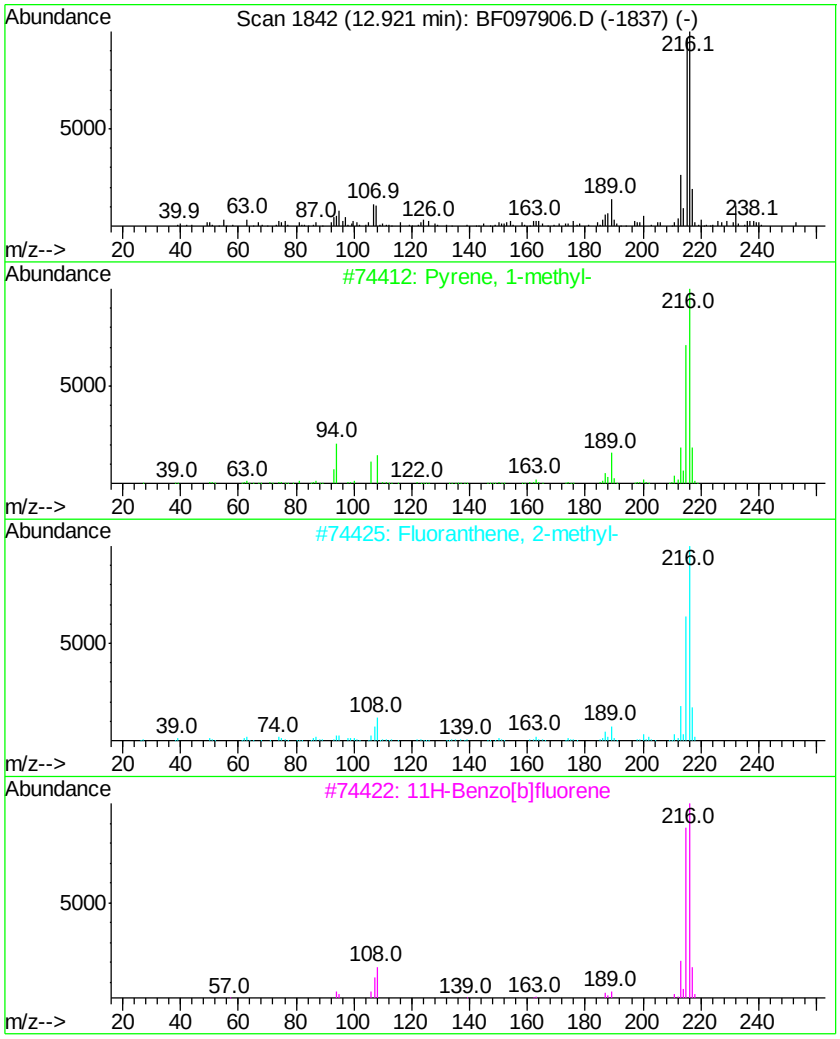
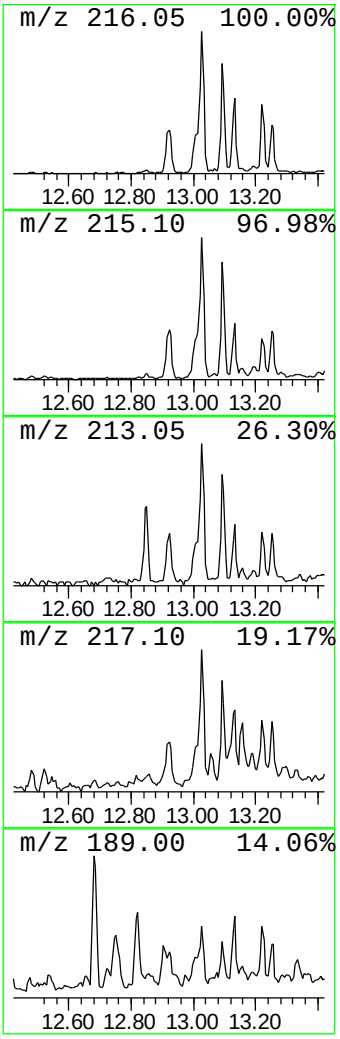
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.18 ng	131148	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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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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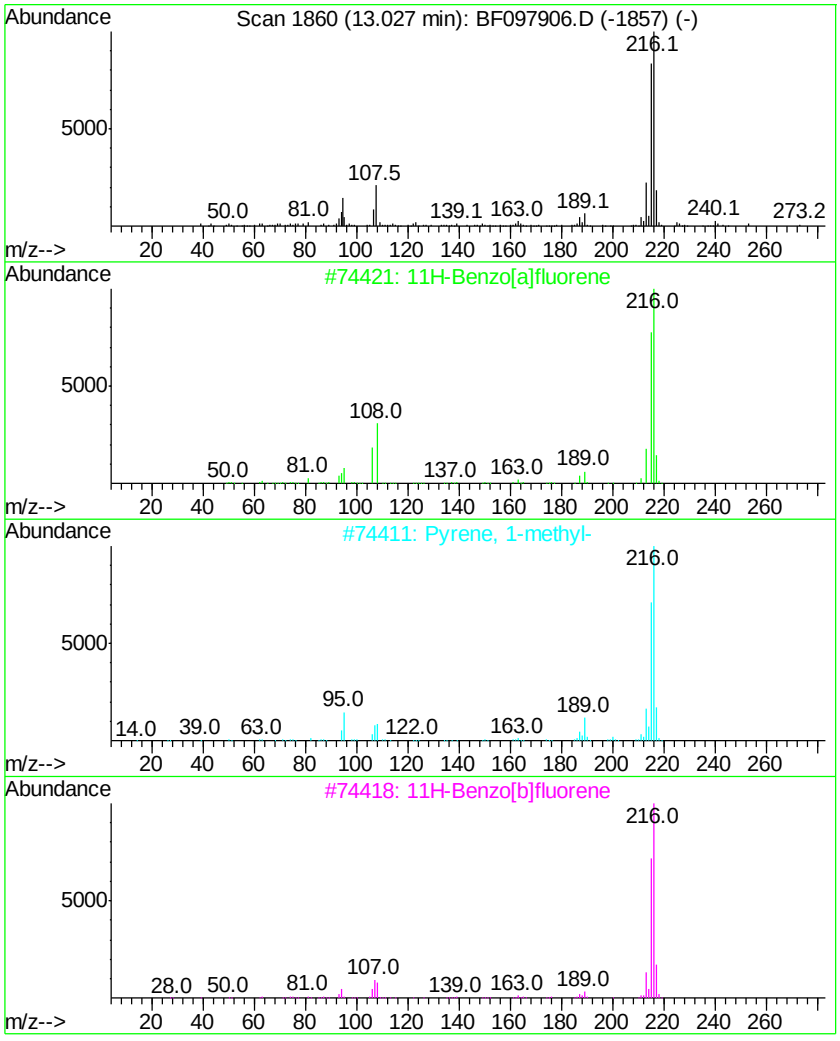
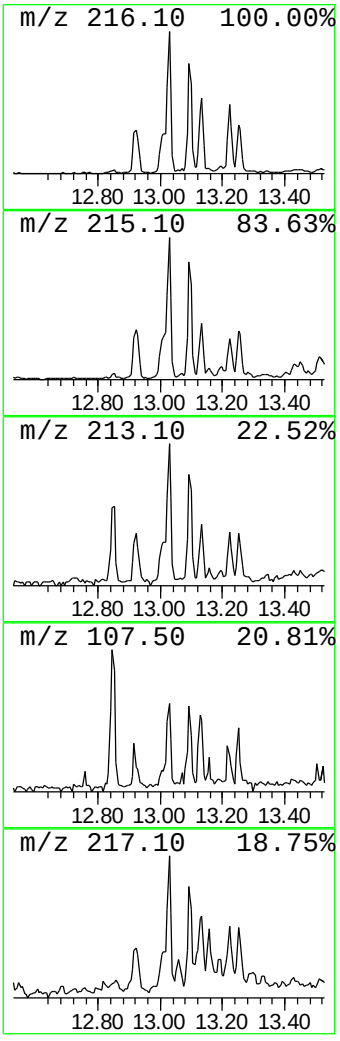
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.08 ng	185110	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Library Search Compound Report

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Acq On : 21 Aug 2017 15:10
Operator : SJ/JU
Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

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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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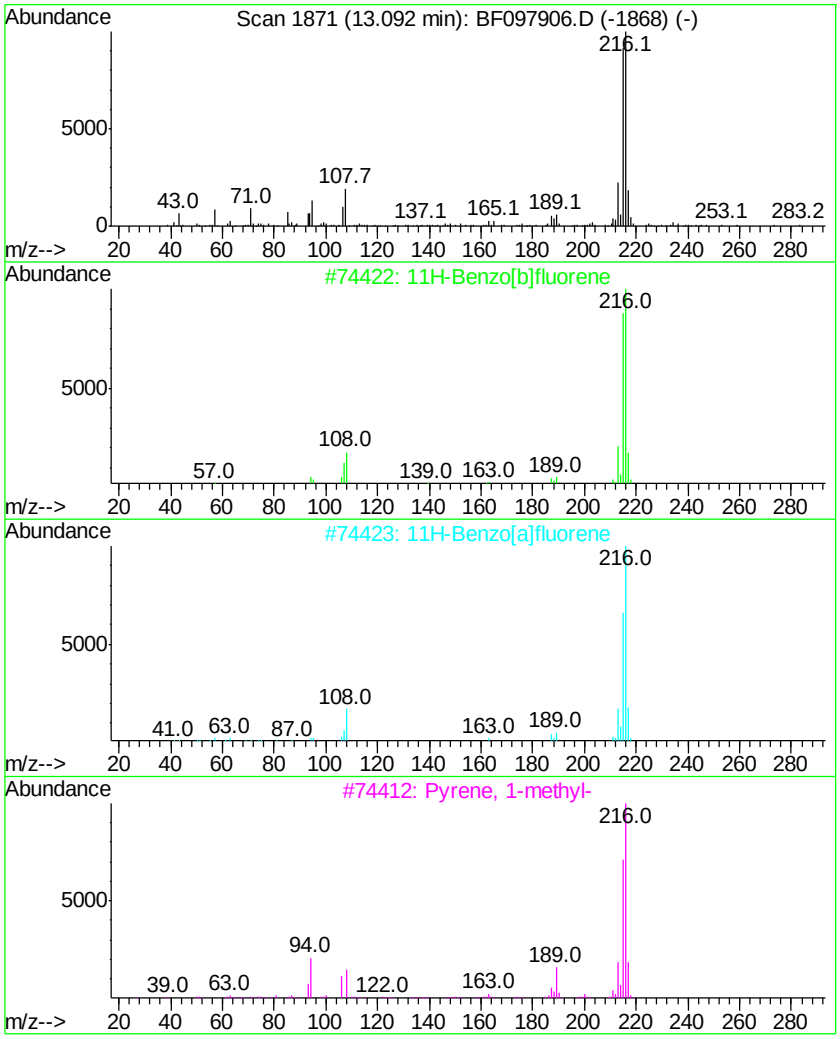
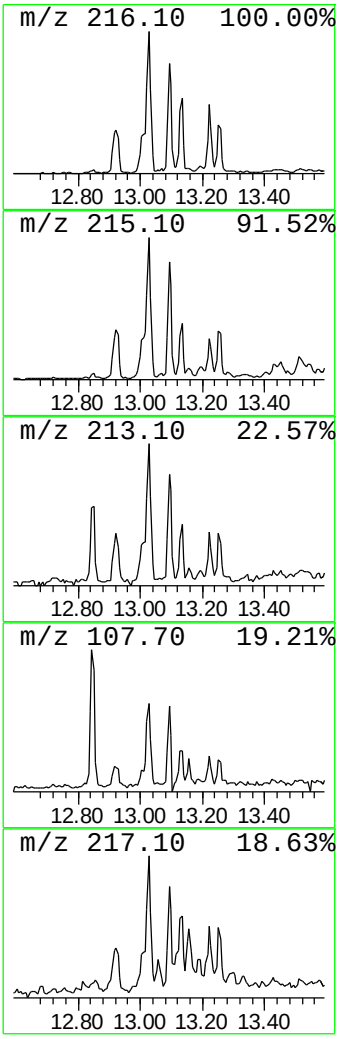
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.47 ng	148102	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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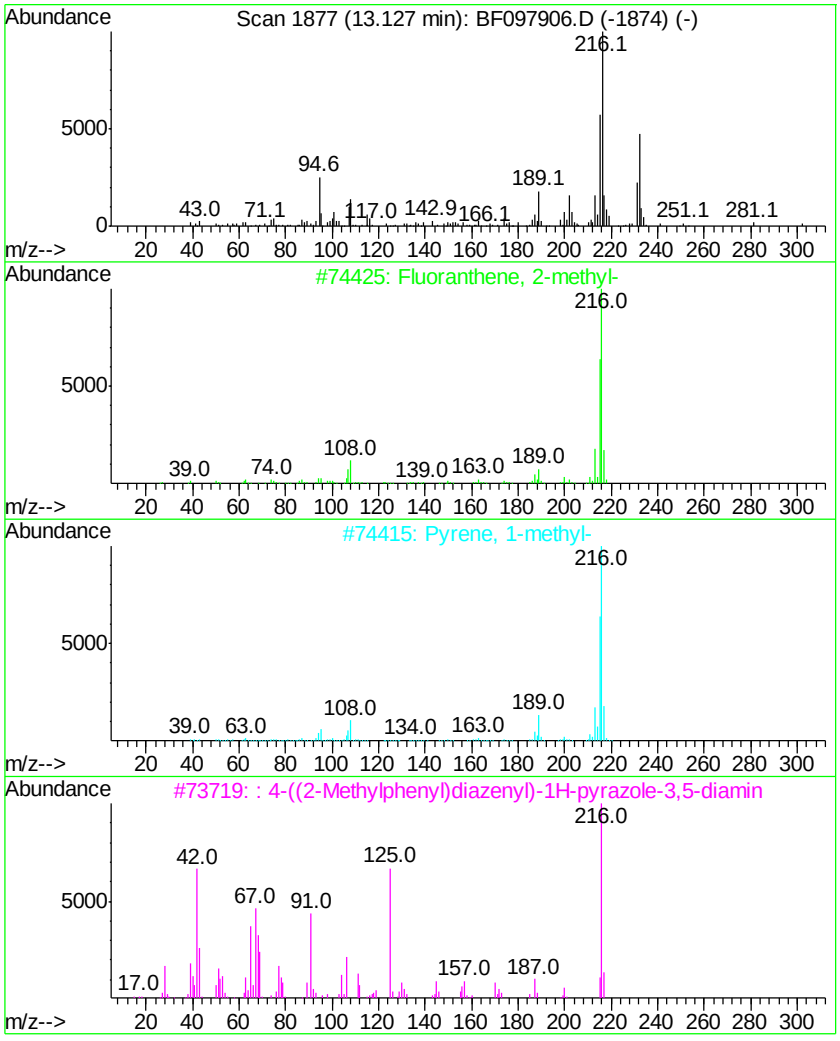
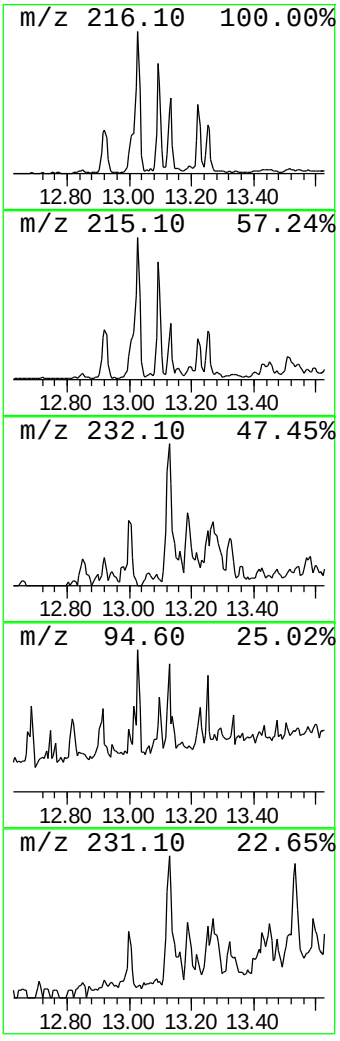
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.21 ng	132481	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	74
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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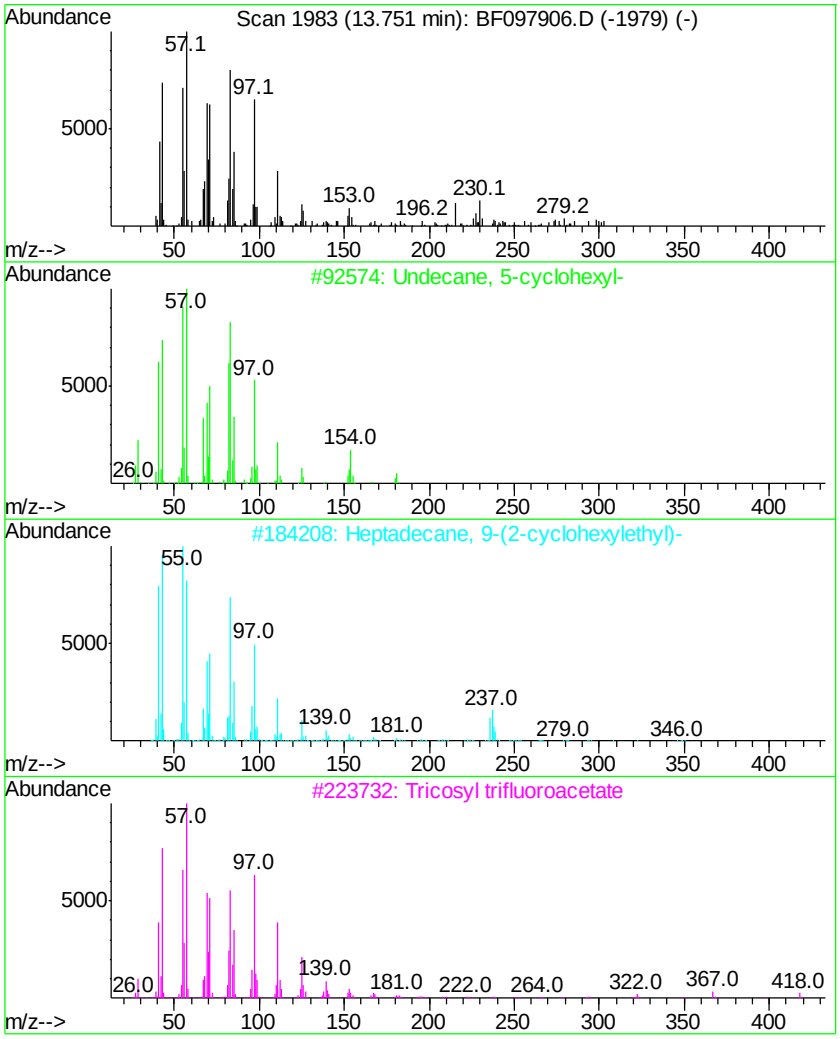
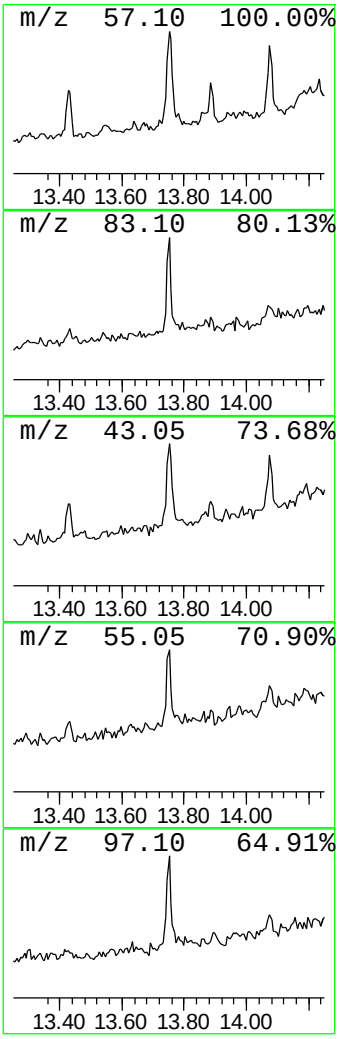
Peak Number 18 Undecane, 5-cyclohexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.09 ng	185592	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	80
2	Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	72
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	72
4	Cyclotetradecane	196	C14H28	000295-17-0	60
5	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	58





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ALS Vial : 12 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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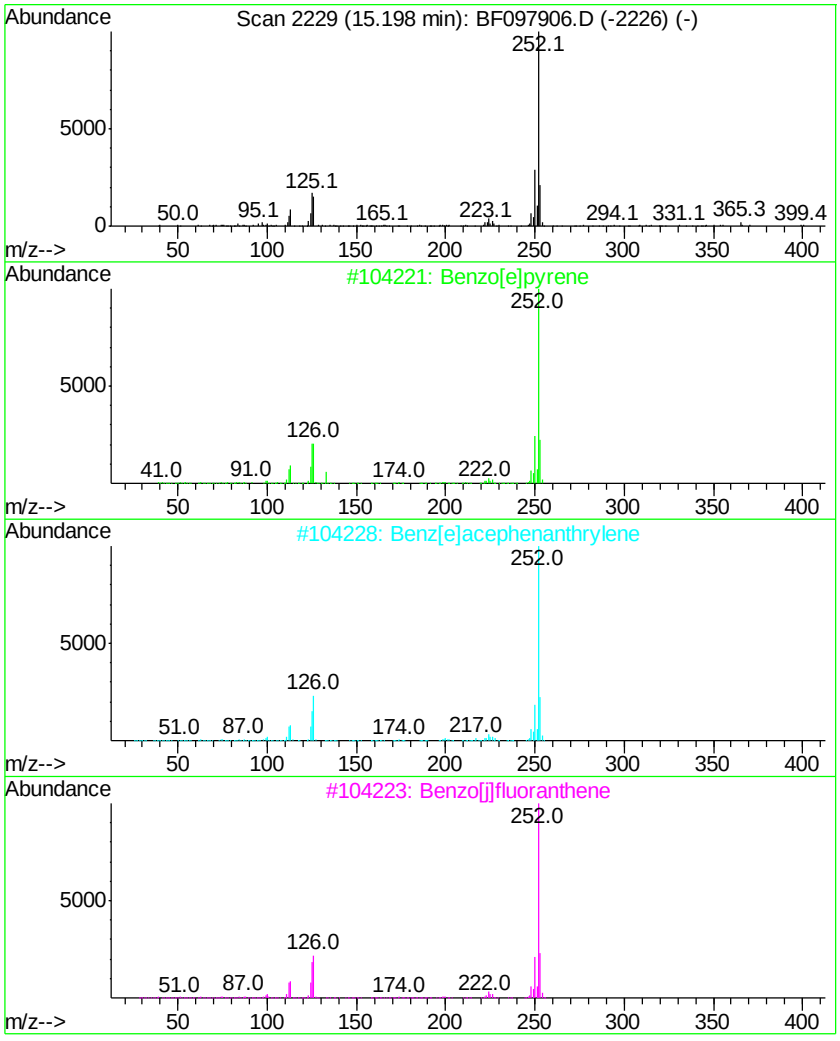
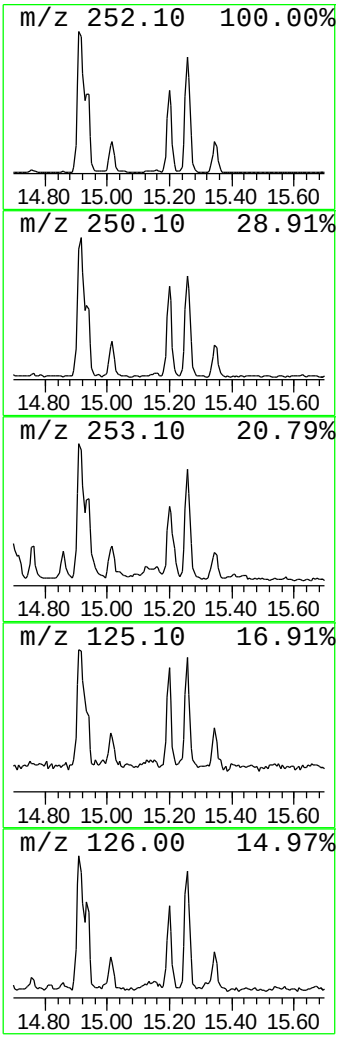
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	12.25 ng	249776	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF097906.D
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Operator : SJ/JU
Sample : I4844-01
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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...	4.93	7.5	ng	263888	1	6.75	706816	20.0
unknown6.52	6.52	56.3	ng	1988790	1	6.75	706816	20.0
Tridecane	10.69	2.7	ng	85978	4	11.26	634993	20.0
Phenanthrene, 2-m...	11.76	2.4	ng	76726	4	11.26	634993	20.0
Phenanthrene, 1-m...	11.79	3.9	ng	122079	4	11.26	634993	20.0
4H-Cyclopenta[def...	11.87	6.0	ng	191560	4	11.26	634993	20.0
1H-Cyclopropa[l]p...	11.90	2.0	ng	63598	4	11.26	634993	20.0
9,10-Dimethylanth...	12.31	3.2	ng	100619	4	11.26	634993	20.0
unknown12.35	12.35	2.5	ng	78919	4	11.26	634993	20.0
Cyclopenta(def)ph...	12.39	2.2	ng	68455	4	11.26	634993	20.0
Pyrene, 1-methyl-	12.92	2.2	ng	131148	5	13.90	1200930	20.0
11H-Benzo[a]fluorene	13.03	3.1	ng	185110	5	13.90	1200930	20.0
11H-Benzo[b]fluorene	13.09	2.5	ng	148102	5	13.90	1200930	20.0
Fluoranthene, 2-m...	13.13	2.2	ng	132481	5	13.90	1200930	20.0
Undecane, 5-cyclo...	13.75	3.1	ng	185592	5	13.90	1200930	20.0
Benzo[e]pyrene	15.20	12.3	ng	249776	6	15.32	407642	20.0