LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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	5.017	484	498	505	rBV2	70020	108509	1.26%	0.142%
2	5.428	563	568	571	rBV	6306624	5938386	68.83%	7.760%
3	6.434	734	739	742	rBV	5783921	6202848	71.90%	8.106%
4	6.569	757	762	765	rBV	7060942	6454176	74.81%	8.434%
5	6.793	796	800	803	rBV	1785967	1395459	16.17%	1.824%
6	6.952	822	827	830	rBV	6076291	5603882	64.96%	7.323%
7	7.352	890	895	898	rBV	4582707	4022440	46.62%	5.256%
8	8.069	1014	1017	1021	rBV	2086234	1736648	20.13%	2.269%
9	9.152	1197	1201	1204	rBV	10162687	8627292	100.00%	11.274%
10	9.540	1265	1267	1276	rVB	612271	542540	6.29%	0.709%
11	9.687	1289	1292	1298	rVB	239872	217643	2.52%	0.284%
12	9.828	1313	1316	1320	rVB	2376082	2068329	23.97%	2.703%
13	10.040	1348	1352	1355	rBV	155817	150119	1.74%	0.196%
14	10.381	1407	1410	1416	rVB2	83154	101169	1.17%	0.132%
15	10.628	1447	1452	1455	rBV	5289423	4744104	54.99%	6.199%
16	11.328	1567	1571	1573	rBV	2021423	1965832	22.79%	2.569%
17	11.346	1573	1574	1579	rVV	957201	757620	8.78%	0.990%
18	11.399	1580	1583	1586	rVB	199917	176237	2.04%	0.230%
19	11.557	1604	1610	1613	rBV2	62986	97415	1.13%	0.127%
20	11.834	1653	1657	1659	rBV	345463	299588	3.47%	0.391%
21	11.863	1659	1662	1666	rVB2	525165	483577	5.61%	0.632%
22	11.940	1672	1675	1678	rBV2	395475	437774	5.07%	0.572%
23	11.969	1678	1680	1685	rVB	277261	225319	2.61%	0.294%
24	12.128	1705	1707	1709	rBV	157280	157501	1.83%	0.206%
25	12.151	1709	1711	1718	rVB2	185003	210268	2.44%	0.275%
26	12.387	1745	1751	1754	rBV	366521	394989	4.58%	0.516%
27	12.422	1754	1757	1759	rVV2	182633	230179	2.67%	0.301%
28	12.469	1763	1765	1771	rVV3	176556	248529	2.88%	0.325%
29	12.551	1775	1779	1782	rVB	1304611	1153970	13.38%	1.508%
30	12.781	1812	1818	1821	rBV	1432623	1369070	15.87%	1.789%
31	12.840	1826	1828	1832	rVB	105074	110817	1.28%	0.145%
32	12.934	1839	1844	1847	rVB	8466070	8307338	96.29%	10.856%
33	12.981	1849	1852	1854	rBV2	383120	337333	3.91%	0.441%
34	13.004	1854	1856	1859	rVB	143557	144599	1.68%	0.189%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.093	1868	1871	1872	rBV2	139674	152601	1.77%	0.199%
36	13.110	1872	1874	1878	rVB	262867	253392	2.94%	0.331%
37	13.181	1878	1886	1888	rBV3	177432	308053	3.57%	0.403%
38	13.216	1889	1892	1895	rBV2	289839	274820	3.19%	0.359%
39	13.310	1905	1908	1911	rVB	258179	210597	2.44%	0.275%
40	13.340	1911	1913	1917	rBV	211072	192626	2.23%	0.252%
41	13.628	1955	1962	1964	rBV2	352140	698251	8.09%	0.912%
42	13.845	1995	1999	2008	rVB3	558659	830089	9.62%	1.085%
43	13.993	2019	2024	2026	rBV2	2252858	2571850	29.81%	3.361%
44	14.016	2026	2028	2034	rVB	702123	672776	7.80%	0.879%
45	14.381	2086	2090	2094	rBV	247199	294243	3.41%	0.385%
46	14.416	2094	2096	2099	rBV	162396	137931	1.60%	0.180%
47	14.457	2100	2103	2104	rBV2	131824	135070	1.57%	0.177%
48	14.487	2104	2108	2110	rBV3	235706	347662	4.03%	0.454%
49	15.040	2198	2202	2206	rBV2	483336	792626	9.19%	1.036%
50	15.134	2215	2218	2220	rBV	176051	208178	2.41%	0.272%
51	15.345	2251	2254	2260	rVB	333578	397847	4.61%	0.520%
52	15.410	2261	2265	2270	rBV	415081	562623	6.52%	0.735%
53	15.475	2271	2276	2279	rBV	1526591	1798044	20.84%	2.350%
54	15.969	2356	2360	2364	rVB2	245614	344608	3.99%	0.450%
55	16.951	2523	2527	2534	rVB2	190300	320116	3.71%	0.418%

Sum of corrected areas: 76525502

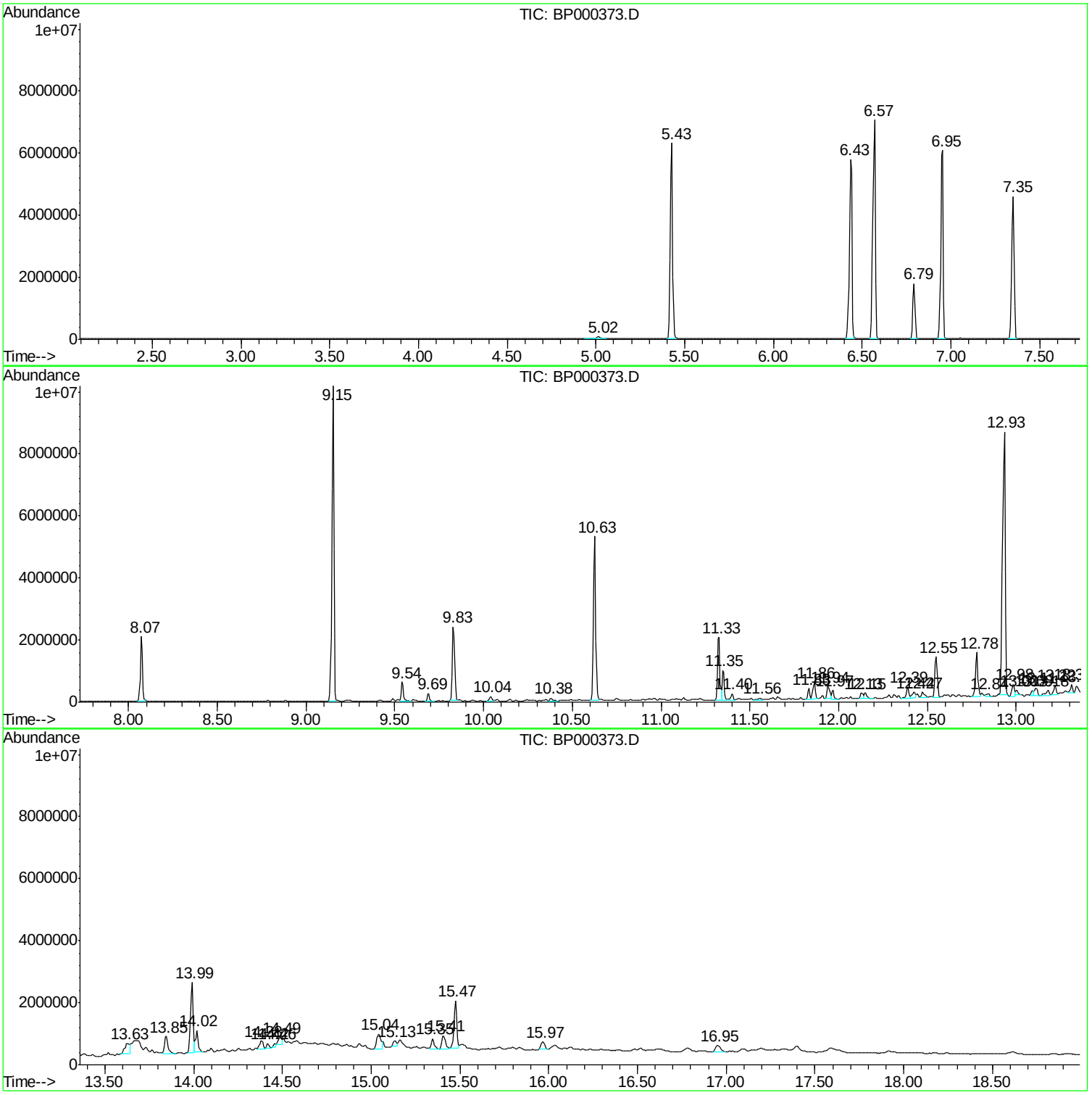
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

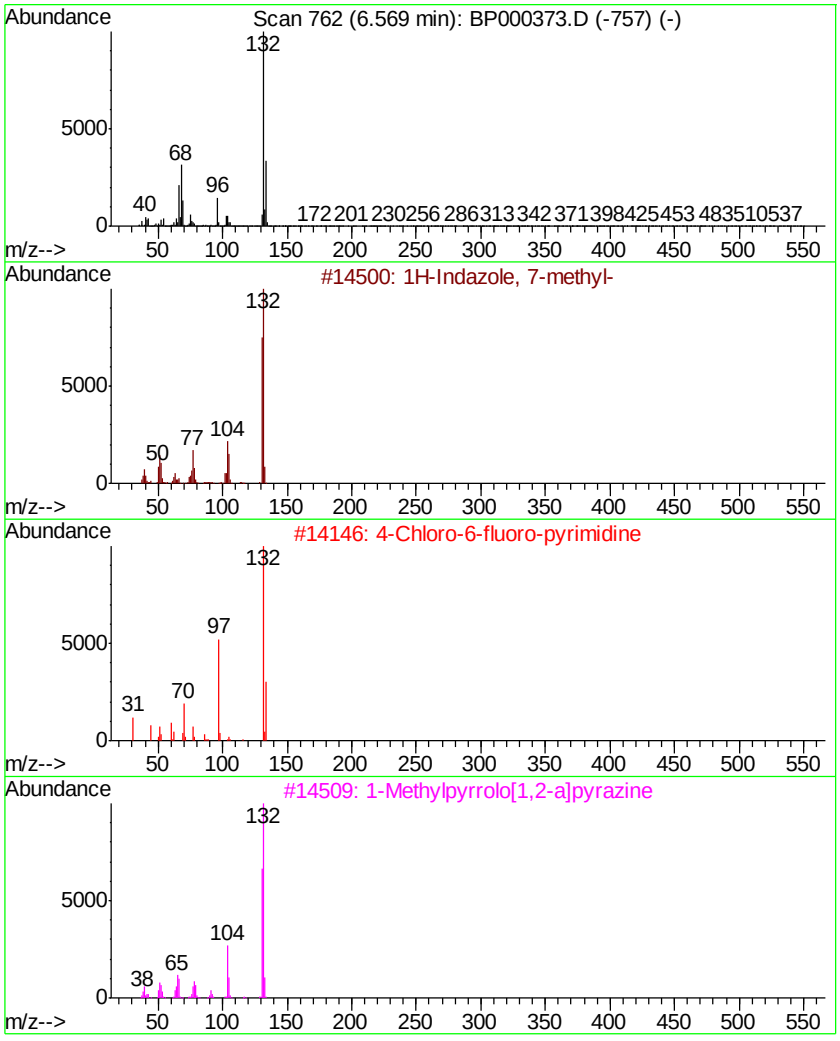
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

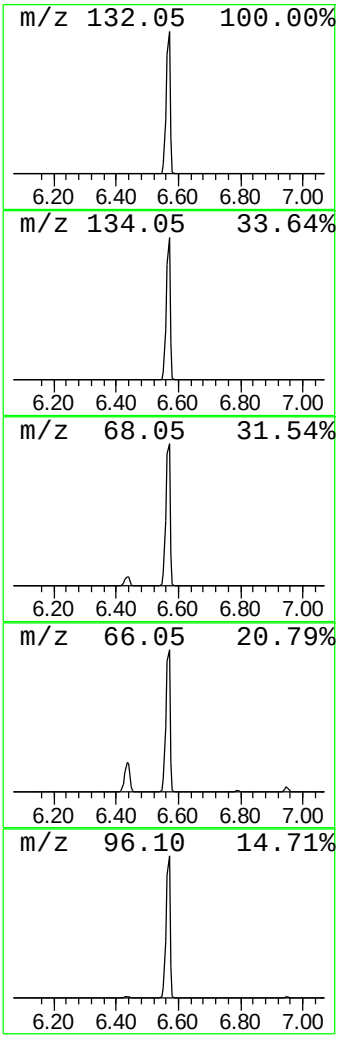
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	92.50 ng	6454180	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

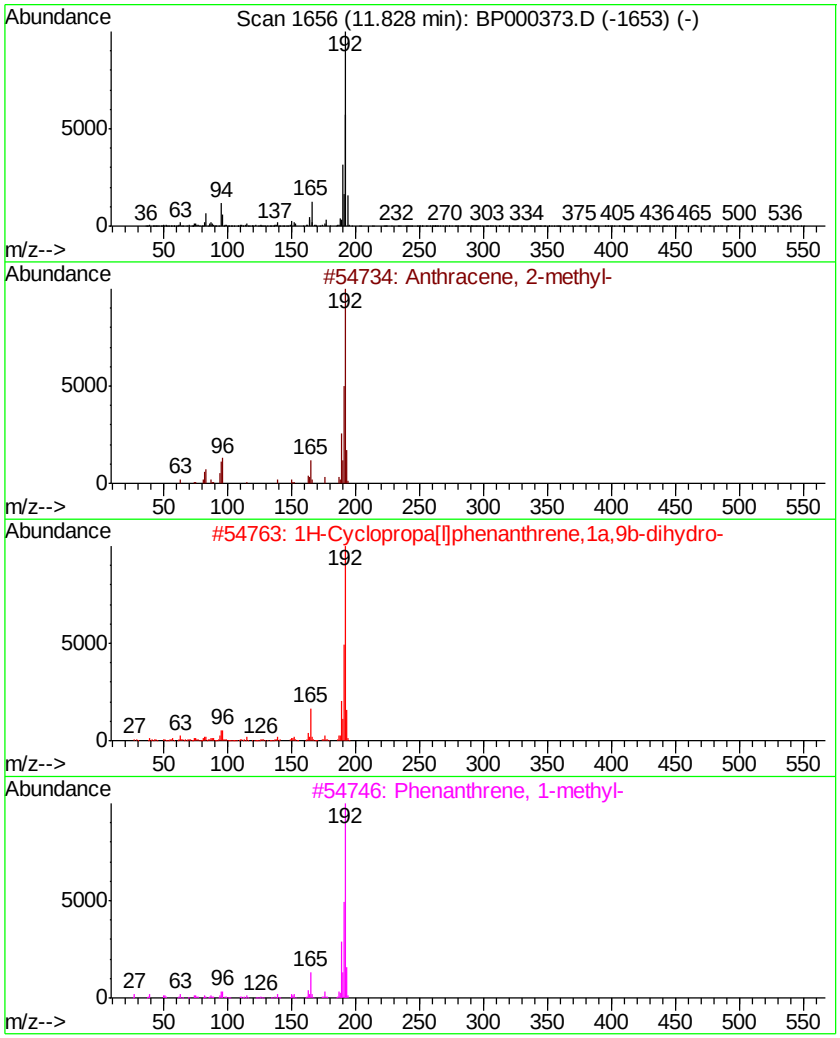
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

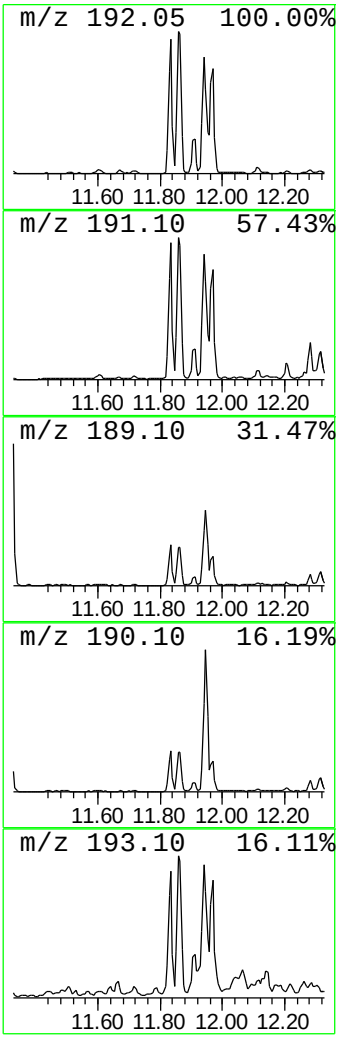
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.05 ng	299588	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

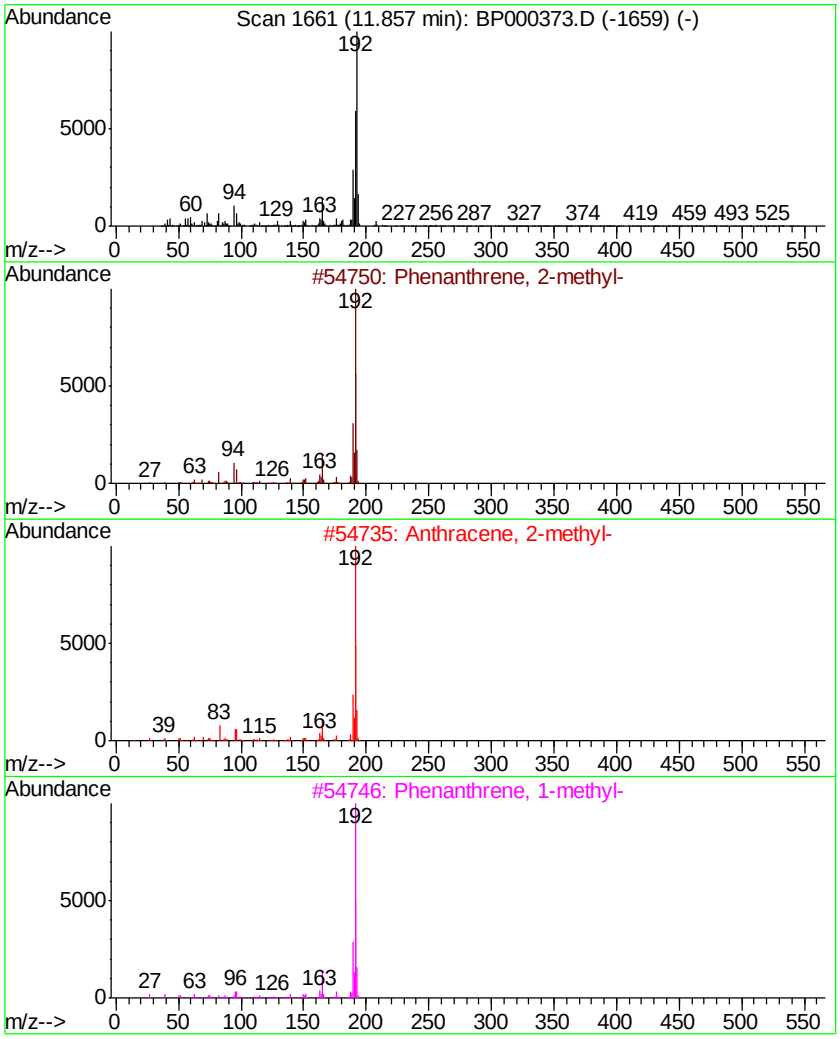
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

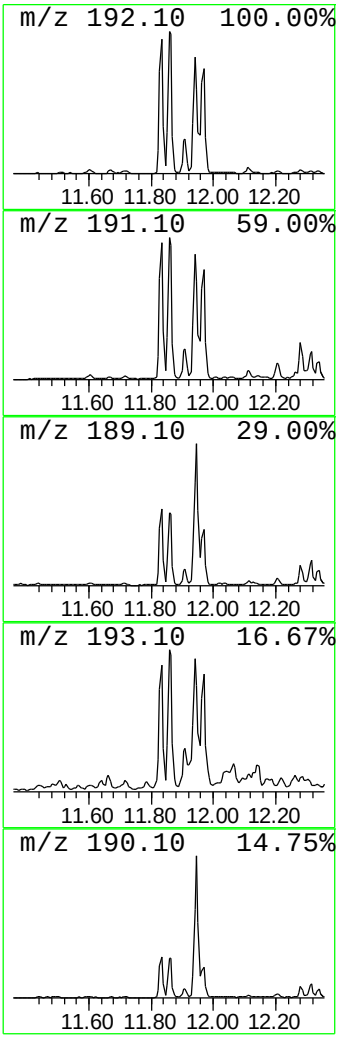
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.92 ng	483577	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

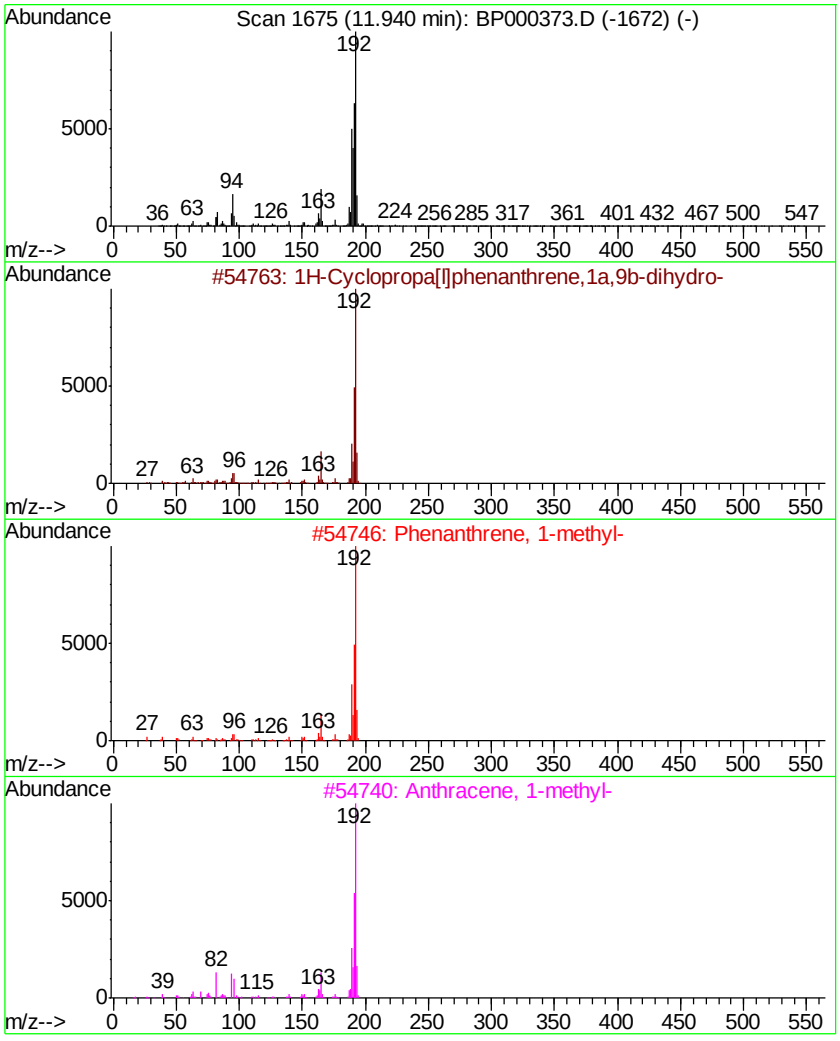
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

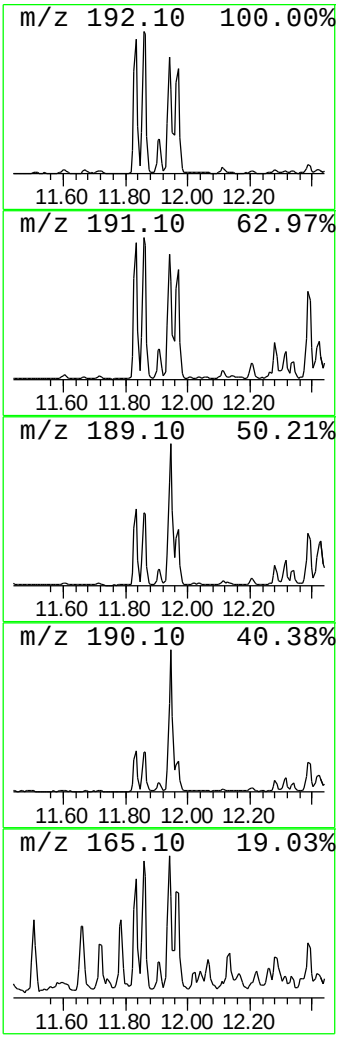
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.45 ng	437774	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

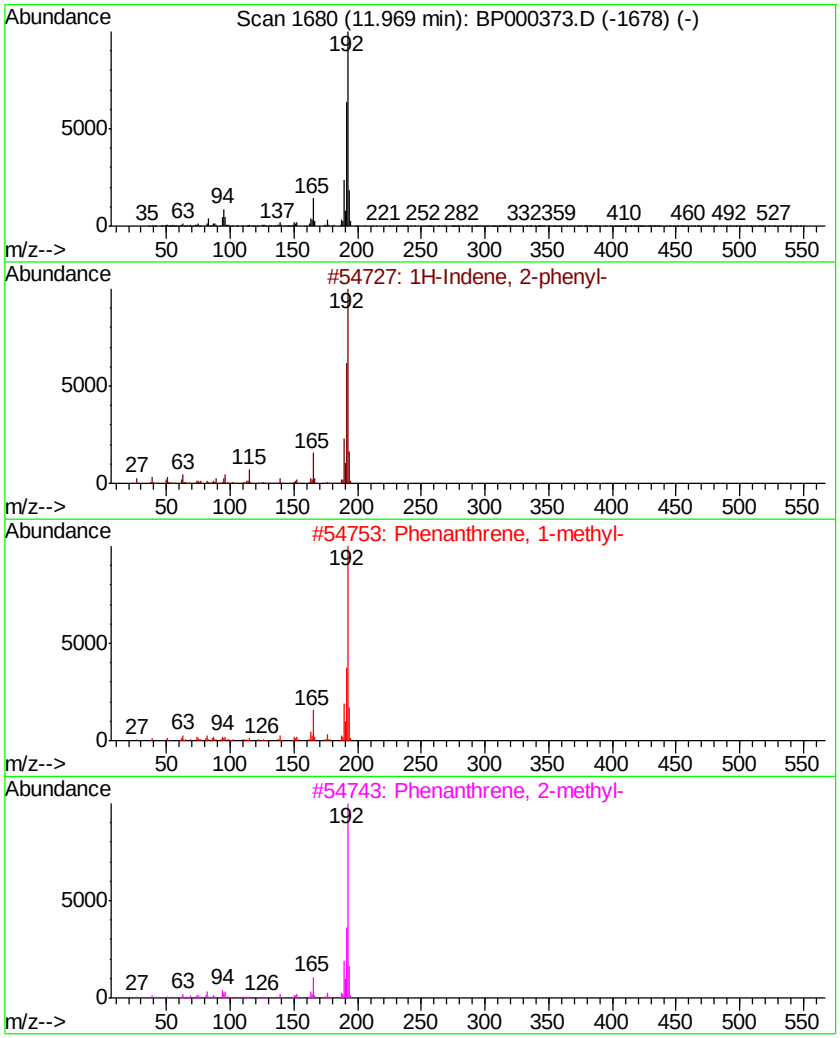
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

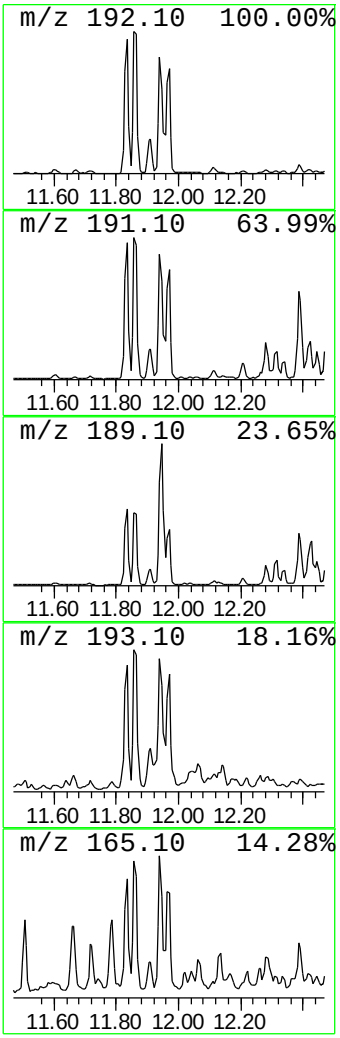
****

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.29 ng	225319	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

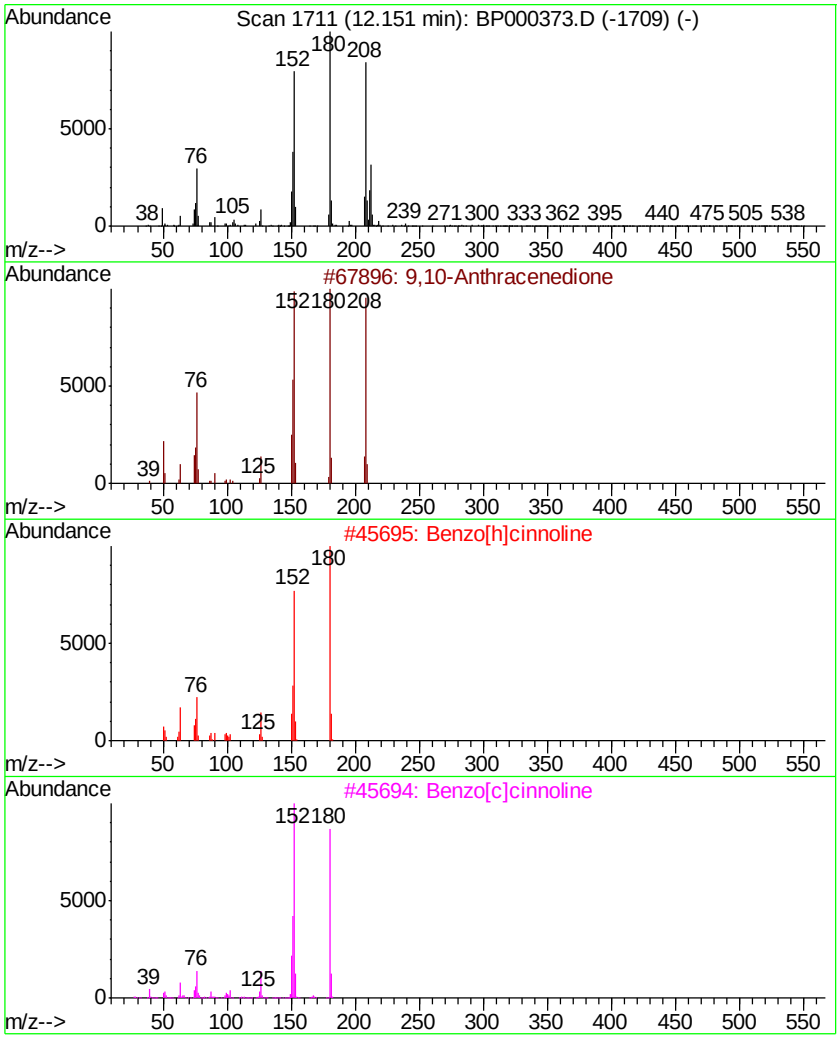
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

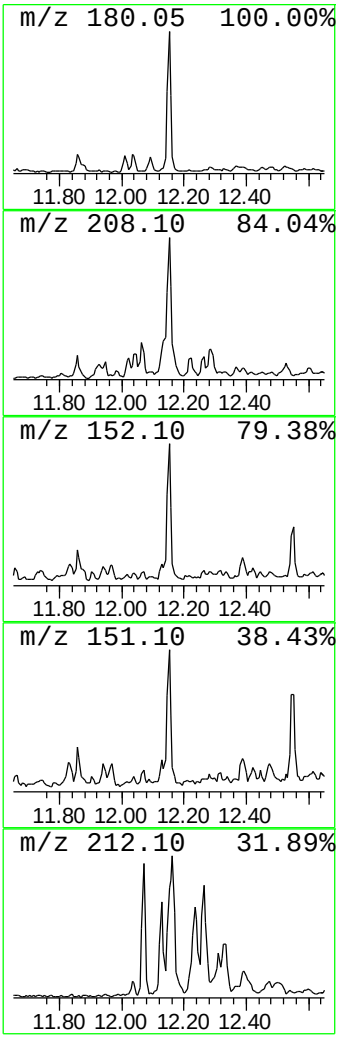
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.14 ng	210268	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

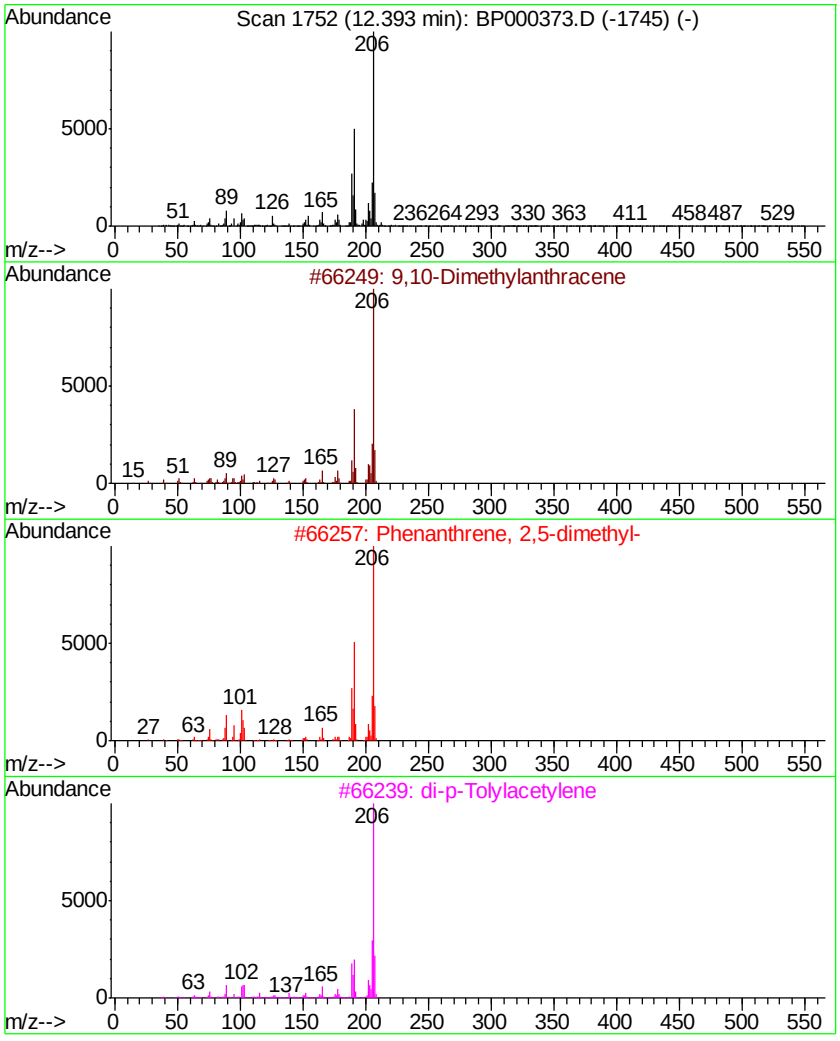
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

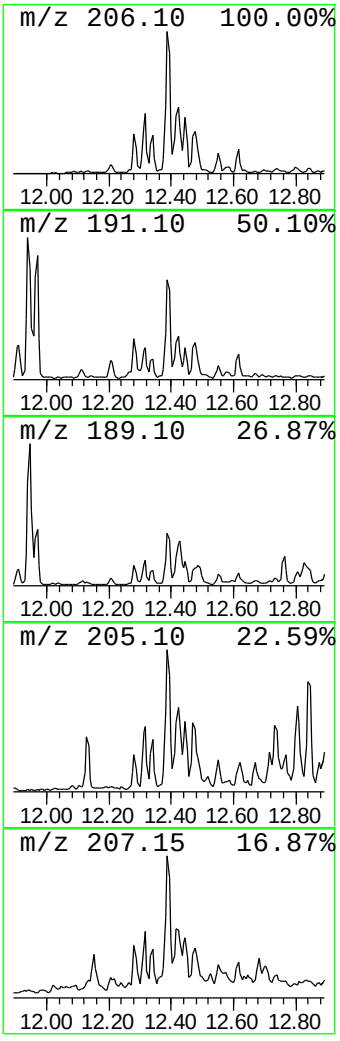
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.02 ng	394989	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000373.D
Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

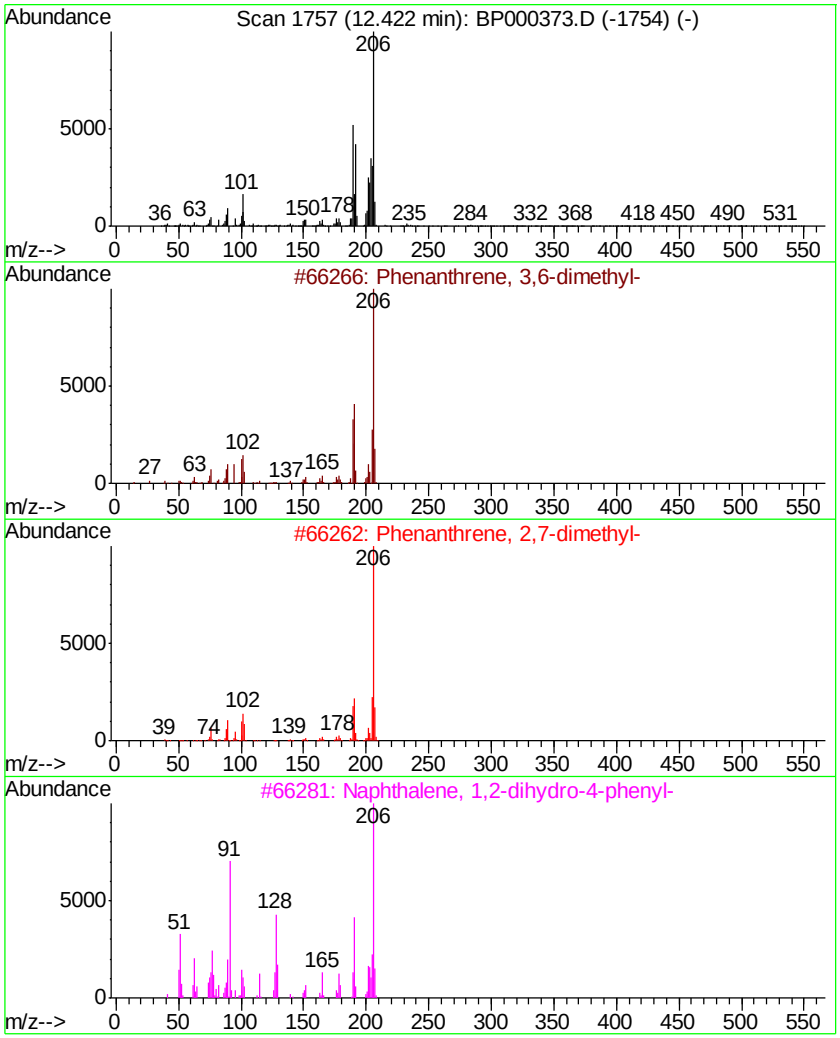
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

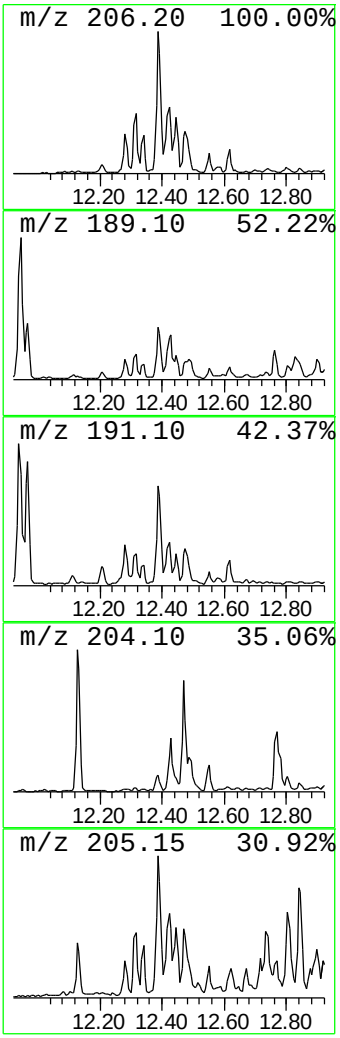
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.34 ng	230179	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	68
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	47
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	47





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Acq On : 23 Sep 2019 20:17
Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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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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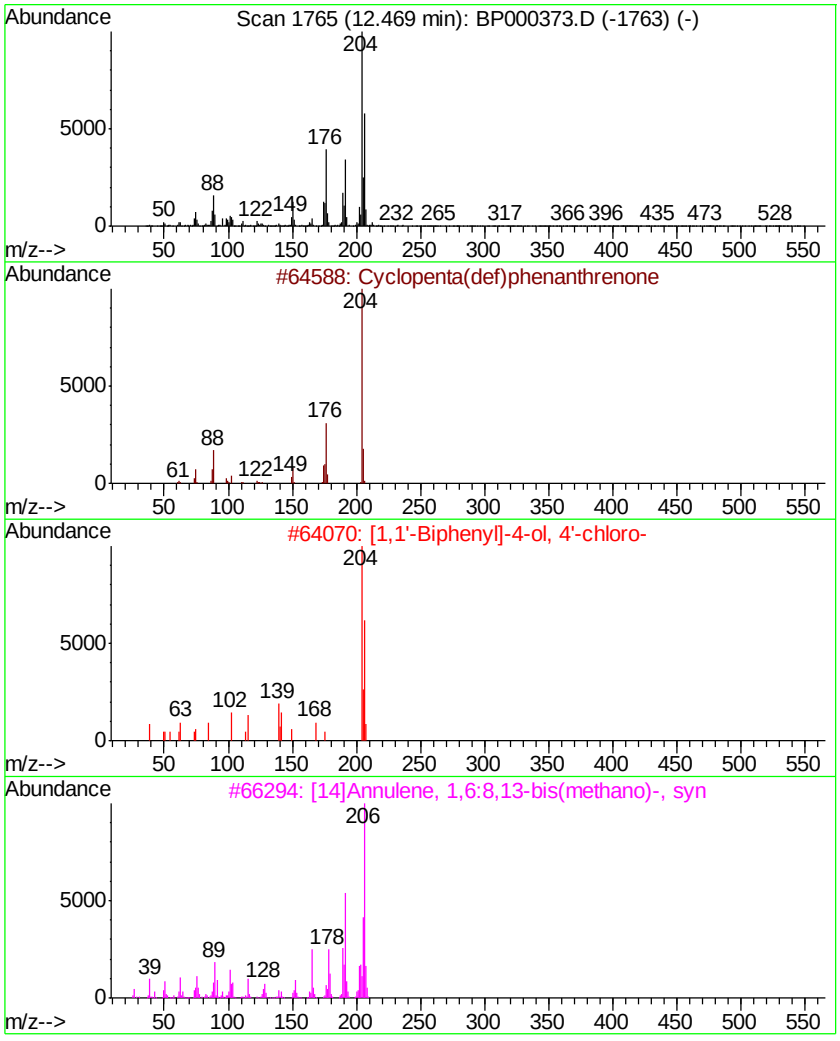
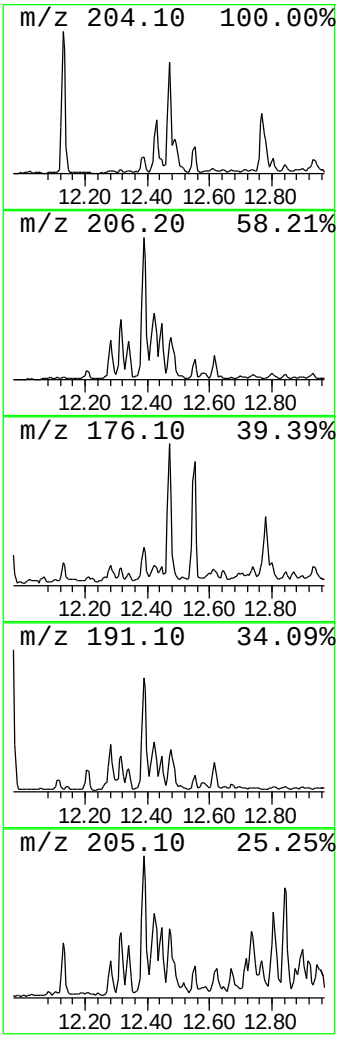
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.53 ng	248529	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	38





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : WC-12-091919

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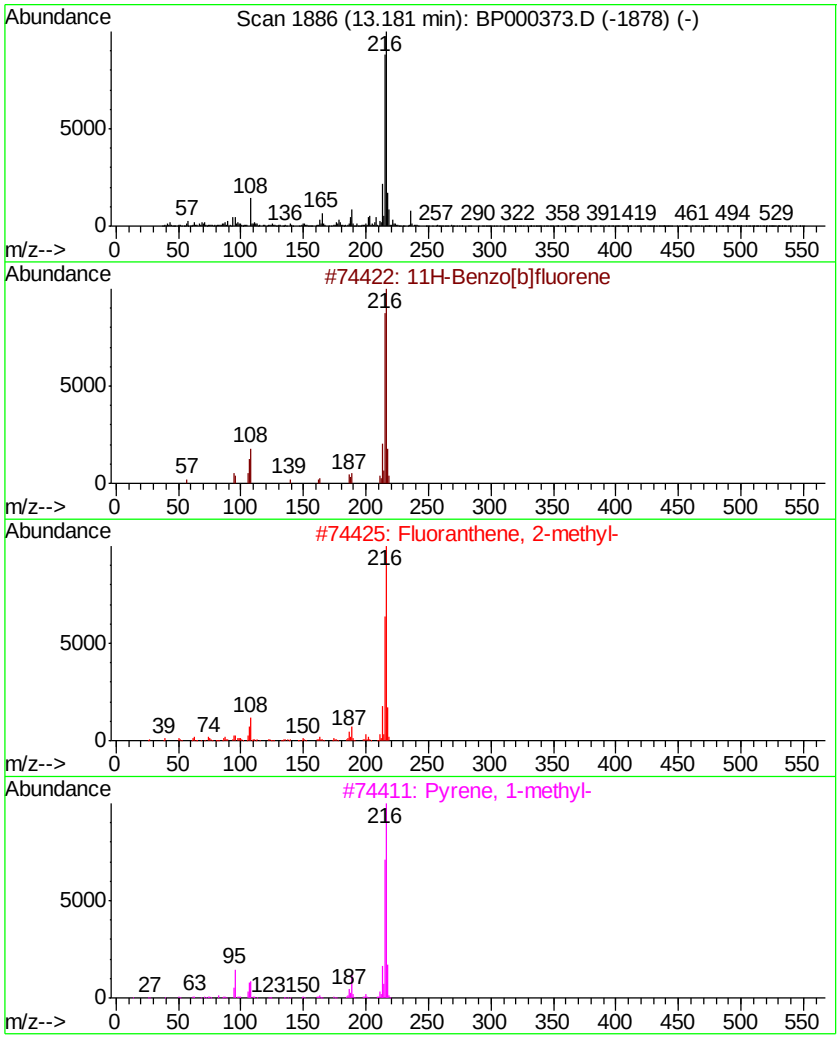
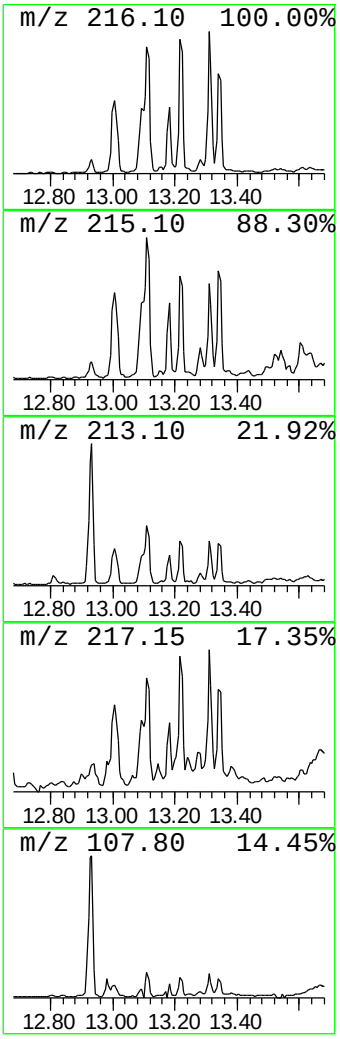
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.40 ng	308053	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

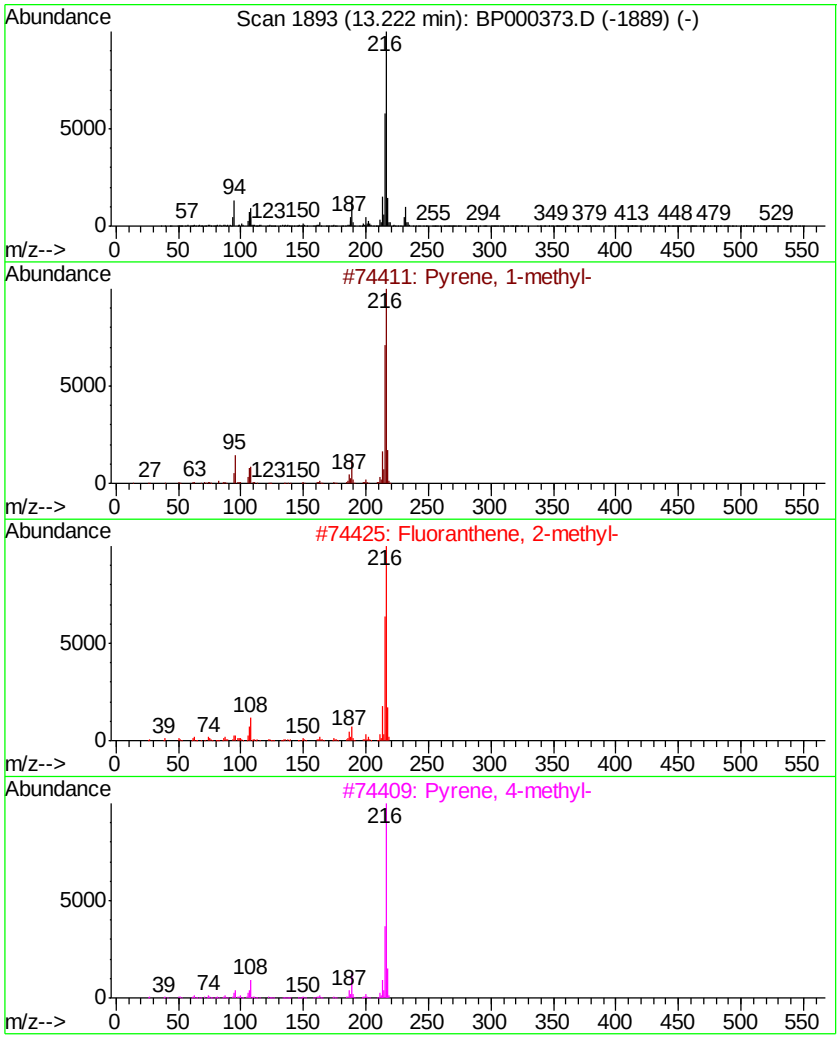
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

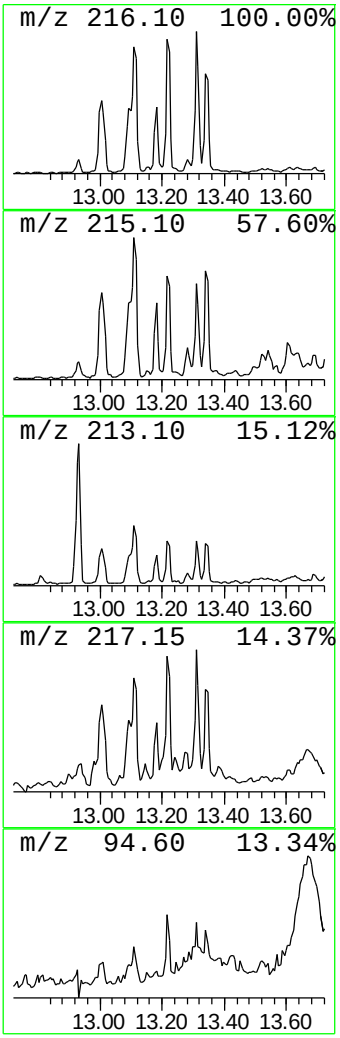
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.14 ng	274820	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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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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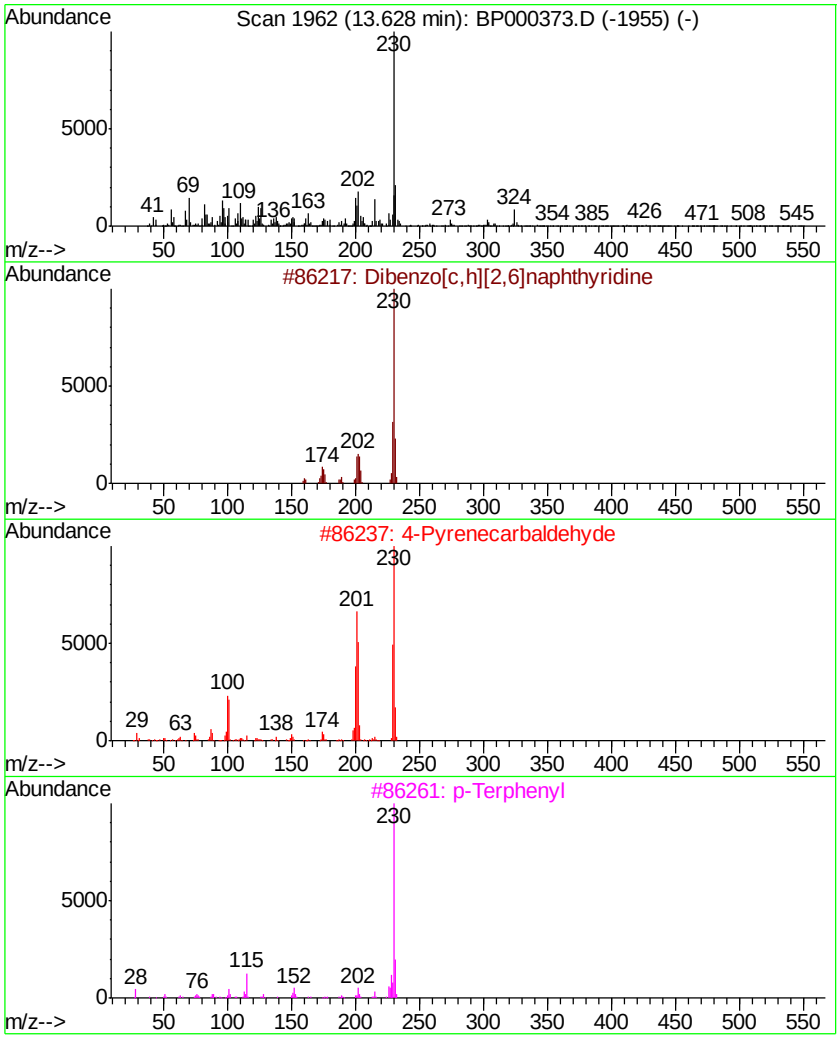
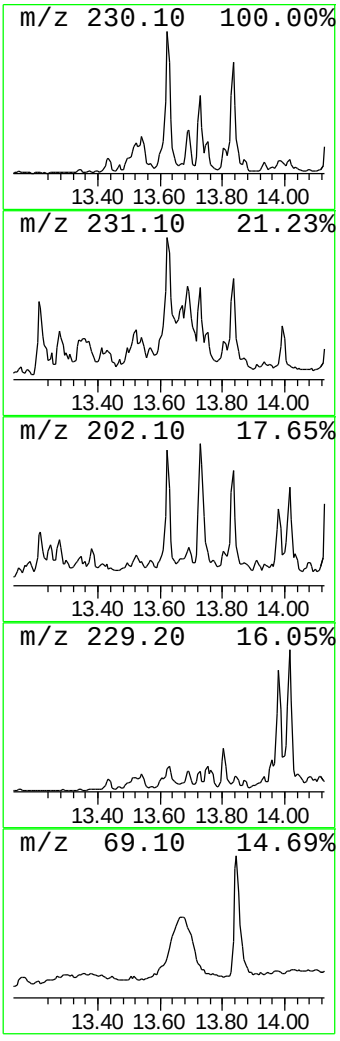
Peak Number 13 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.43 ng	698251	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	72
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
3	p-Terphenyl	230	C18H14	000092-94-4	64
4	m-Terphenyl	230	C18H14	000092-06-8	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





Library Search Compound Report

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Data File : BP000373.D
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Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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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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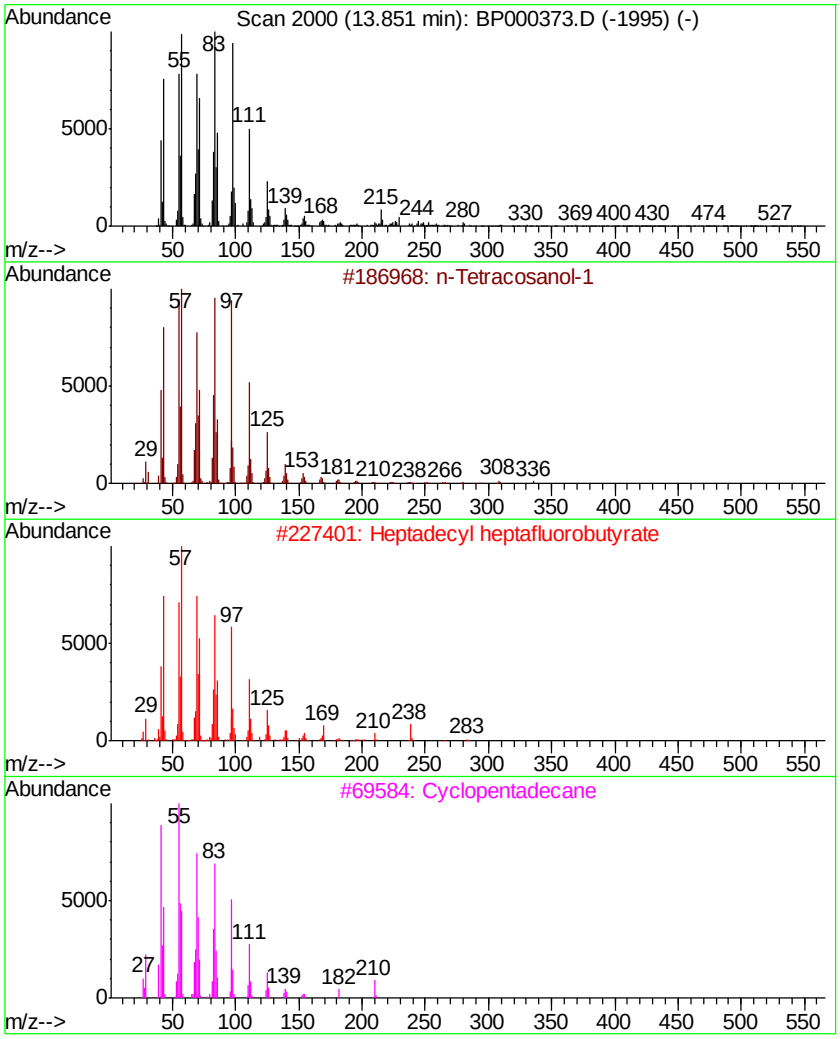
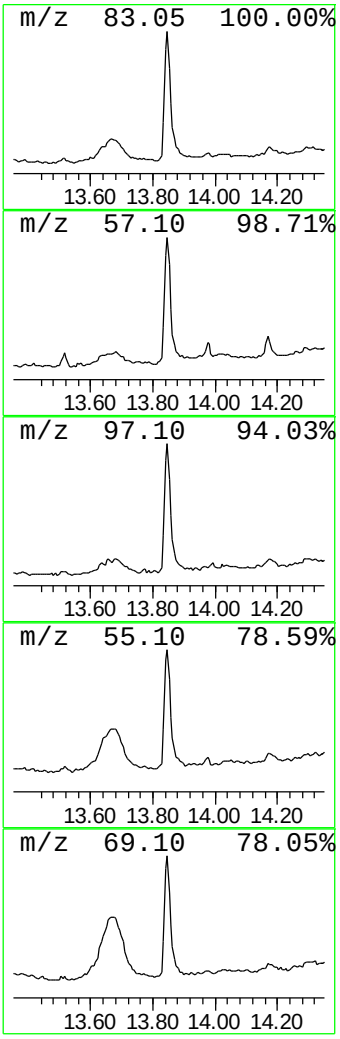
Peak Number 14 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.46 ng	830089	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Operator : HP/JU
Sample : K4997-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-12-091919

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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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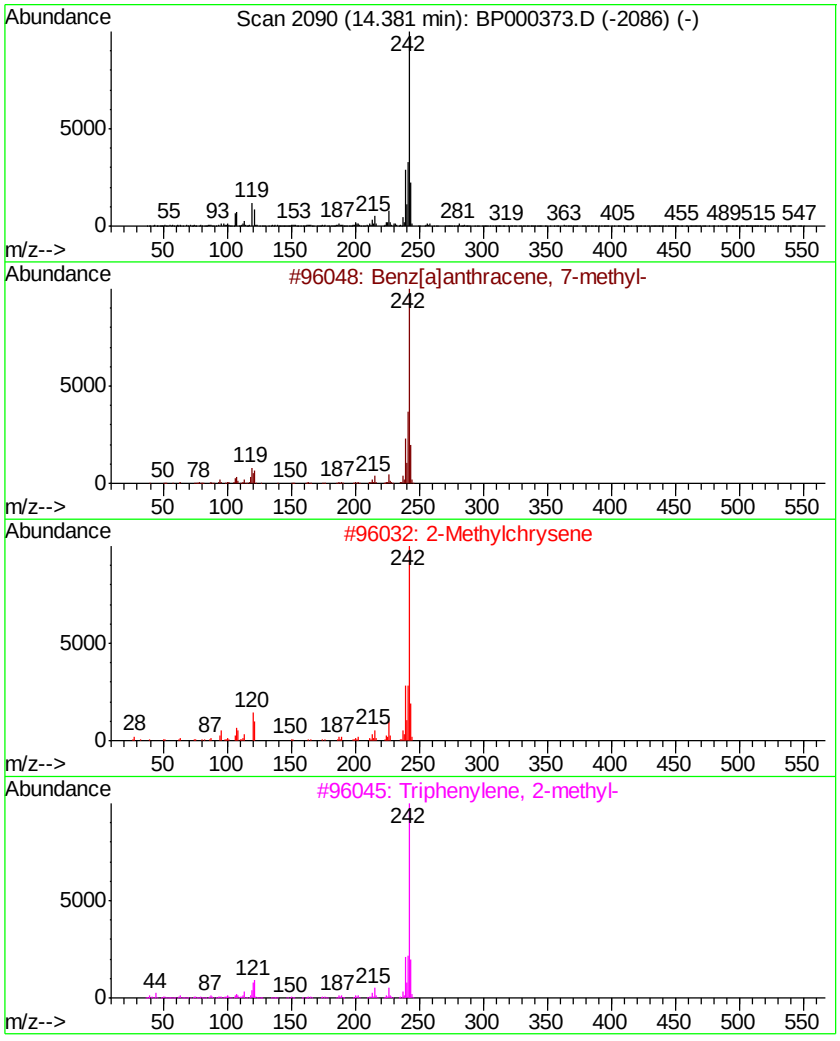
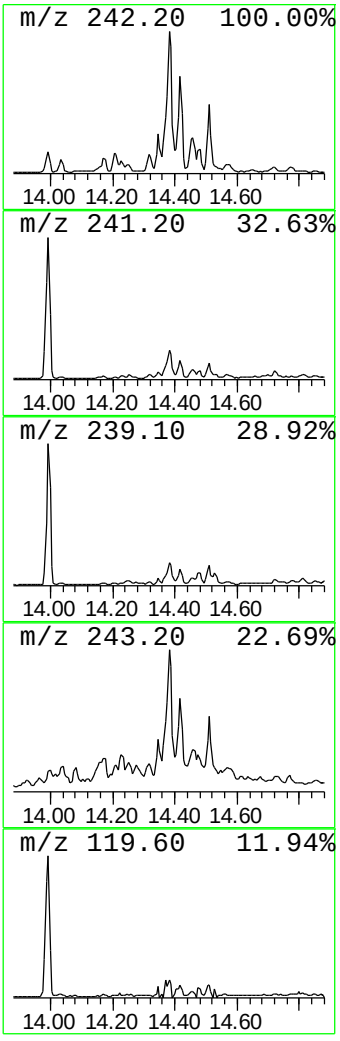
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.29 ng	294243	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	2-Methylchrysene	242	C19H14	003351-32-4	89
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	86





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Misc :
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Instrument : BNA_P
ClientSampleId : WC-12-091919

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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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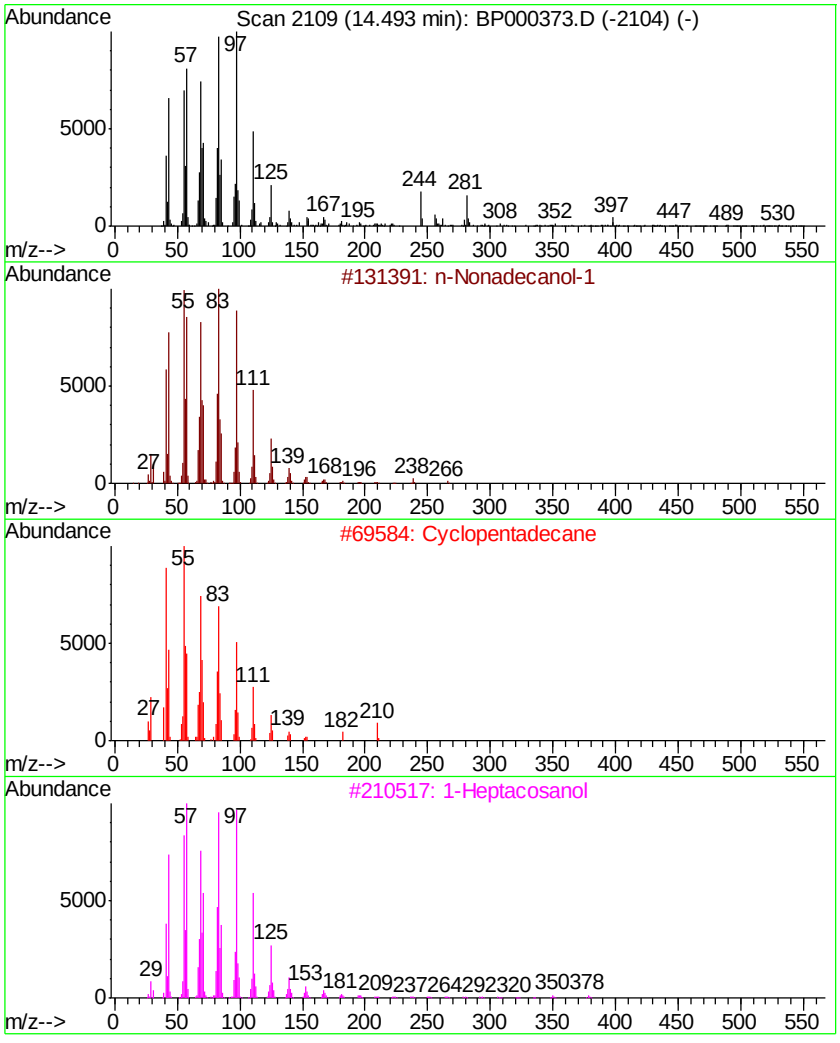
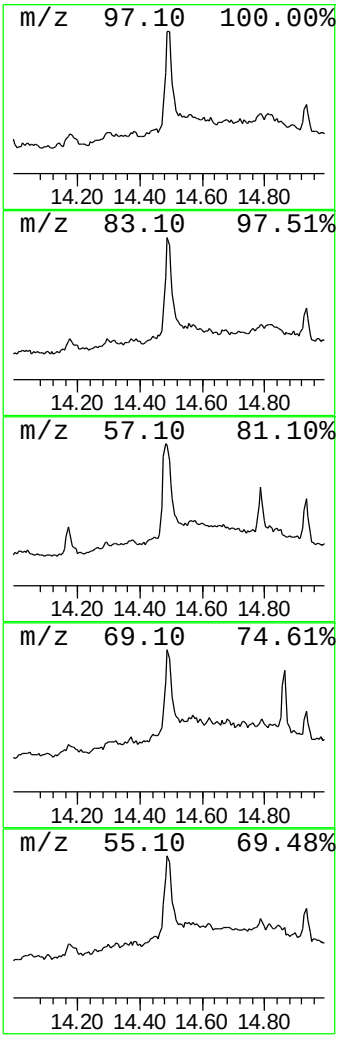
Peak Number 16 n-Nonadecanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.70 ng	347662	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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TIC Integration Parameters: LSCINT.P

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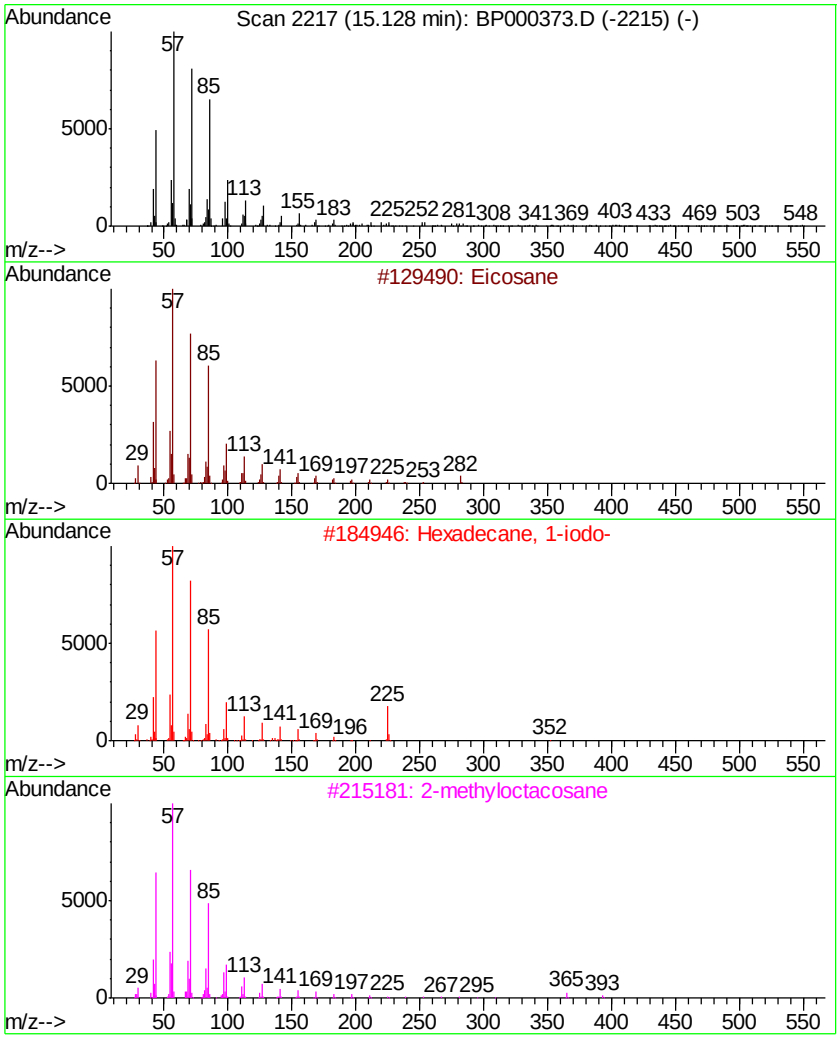
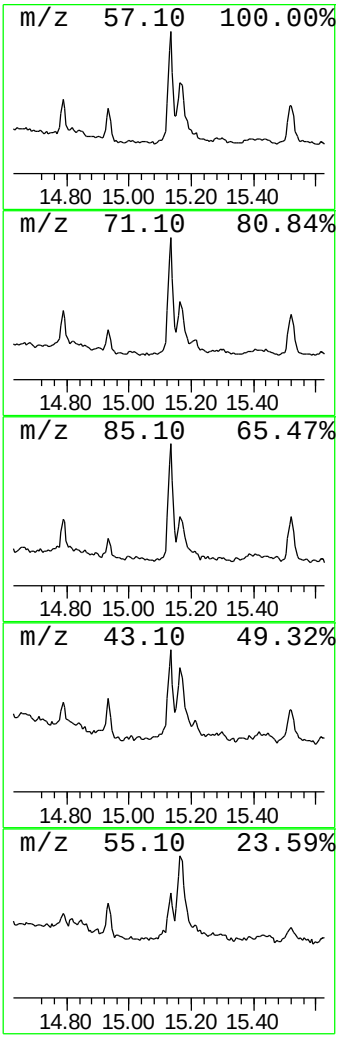
Peak Number 17 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.32 ng	208178	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
5	Docosane	310	C22H46	000629-97-0	91





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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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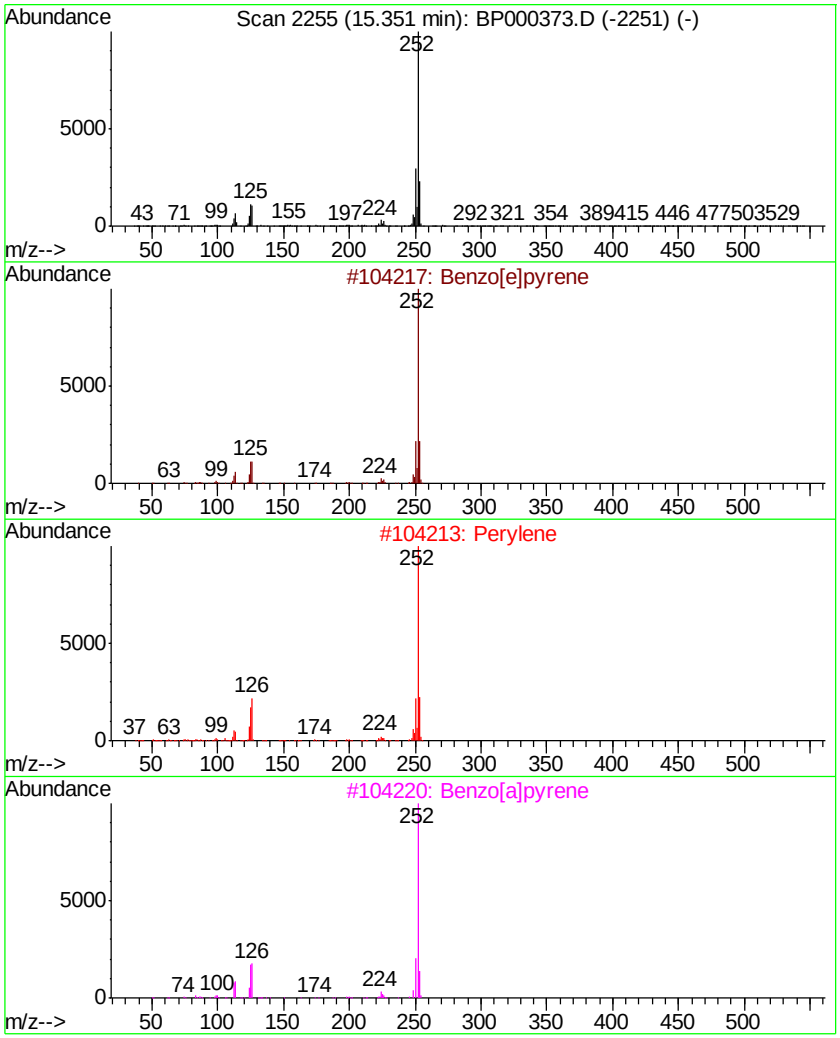
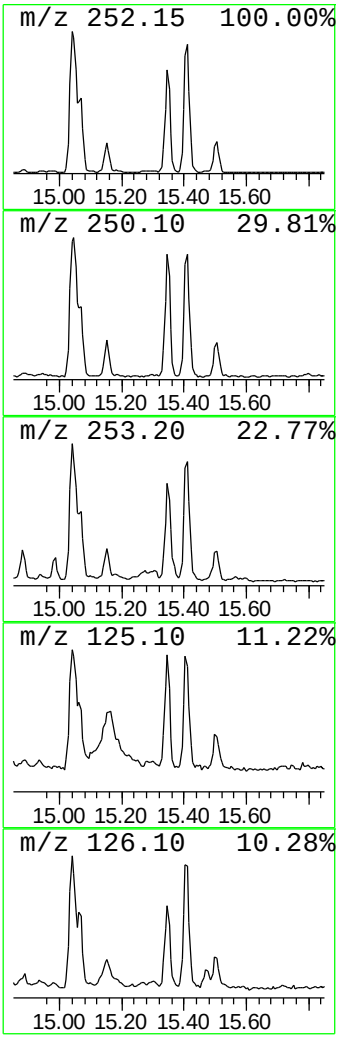
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	4.43 ng	397847	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Library Search Compound Report

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ClientSampleId : WC-12-091919

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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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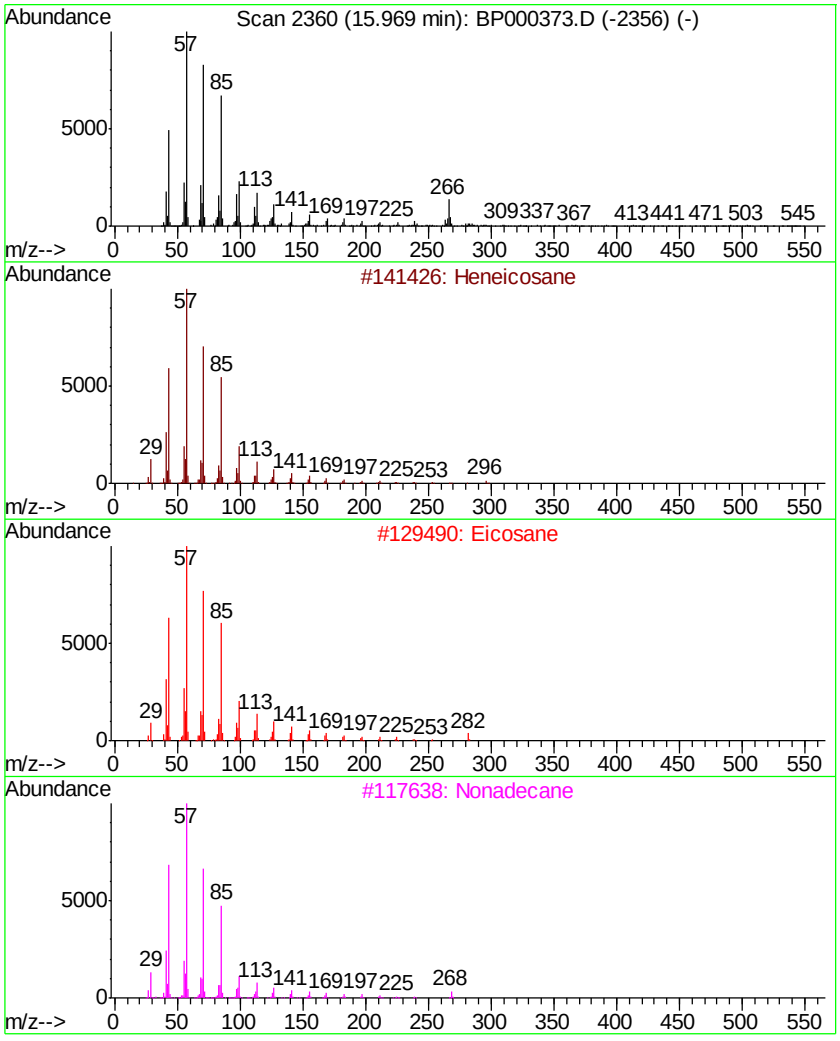
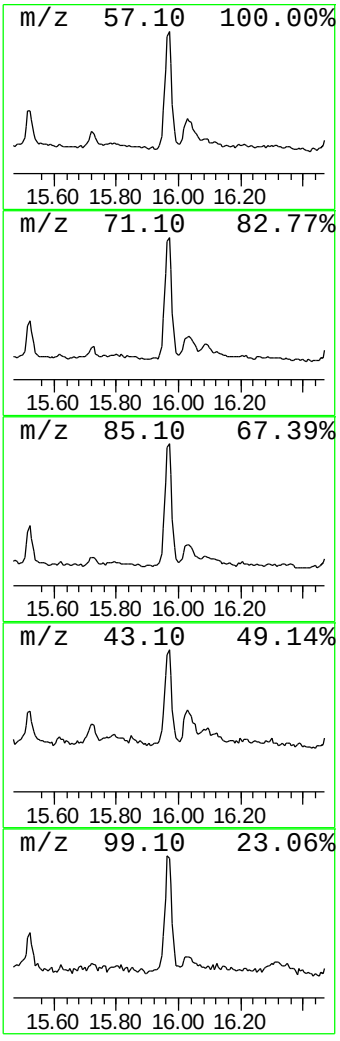
Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.83 ng	344608	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_P
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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
unknown6.57	6.57	92.5	ng	6454180	1	6.79	1395460	20.0
Anthracene, 2-met...	11.83	3.0	ng	299588	4	11.33	1965830	20.0
Phenanthrene, 2-m...	11.86	4.9	ng	483577	4	11.33	1965830	20.0
1H-Cyclopropa[l]p...	11.94	4.5	ng	437774	4	11.33	1965830	20.0
1H-Indene, 2-phenyl-	11.97	2.3	ng	225319	4	11.33	1965830	20.0
9,10-Anthracenedione	12.15	2.1	ng	210268	4	11.33	1965830	20.0
9,10-Dimethylanth...	12.39	4.0	ng	394989	4	11.33	1965830	20.0
Phenanthrene, 3,6...	12.42	2.3	ng	230179	4	11.33	1965830	20.0
Cyclopenta(def)ph...	12.47	2.5	ng	248529	4	11.33	1965830	20.0
11H-Benzo[b]fluorene	13.18	2.4	ng	308053	5	13.99	2571850	20.0
Pyrene, 1-methyl-	13.22	2.1	ng	274820	5	13.99	2571850	20.0
Dibenzo[c,h][2,6]...	13.63	5.4	ng	698251	5	13.99	2571850	20.0
n-Tetracosanol-1	13.85	6.5	ng	830089	5	13.99	2571850	20.0
Benz[a]anthracene...	14.38	2.3	ng	294243	5	13.99	2571850	20.0
n-Nonadecanol-1	14.49	2.7	ng	347662	5	13.99	2571850	20.0
Eicosane	15.13	2.3	ng	208178	6	15.47	1798040	20.0
Benzo[e]pyrene	15.35	4.4	ng	397847	6	15.47	1798040	20.0
Heneicosane	15.97	3.8	ng	344608	6	15.47	1798040	20.0