LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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	487	498	505	rBV2	76718	108324	1.31%	0.136%
2	5.428	563	568	571	rBV	5899749	5758982	69.49%	7.241%
3	6.434	734	739	742	rBV	6006345	6289014	75.88%	7.907%
4	6.569	757	762	765	rBV	6816722	6534357	78.84%	8.216%
5	6.793	796	800	803	rBV	1835263	1506423	18.18%	1.894%
6	6.946	822	826	830	rBV	5098360	4755848	57.38%	5.979%
7	7.352	890	895	898	rBV	3778345	3386914	40.87%	4.258%
8	8.069	1014	1017	1021	rBV	1869497	1612290	19.45%	2.027%
9	9.152	1197	1201	1204	rBV	8879194	7505532	90.56%	9.437%
10	9.540	1265	1267	1276	rVB	486532	432474	5.22%	0.544%
11	9.687	1289	1292	1297	rVB	291170	254589	3.07%	0.320%
12	9.828	1313	1316	1320	rVB	2110733	1927338	23.26%	2.423%
13	10.381	1407	1410	1416	rVB3	81116	111246	1.34%	0.140%
14	10.628	1447	1452	1455	rBV	5582447	4894763	59.06%	6.154%
15	10.752	1470	1473	1479	rVB	86235	98633	1.19%	0.124%
16	11.128	1534	1537	1541	rVB2	89195	89935	1.09%	0.113%
17	11.328	1567	1571	1573	rBV	2167167	2148074	25.92%	2.701%
18	11.346	1573	1574	1579	rVV	1036328	833034	10.05%	1.047%
19	11.399	1579	1583	1586	rVB	277739	250243	3.02%	0.315%
20	11.557	1604	1610	1612	rBV2	66848	93551	1.13%	0.118%
21	11.657	1624	1627	1630	rVB	105781	94785	1.14%	0.119%
22	11.834	1653	1657	1659	rBV	379604	341858	4.12%	0.430%
23	11.857	1659	1661	1666	rVV	555726	516530	6.23%	0.649%
24	11.904	1666	1669	1672	rVV2	151874	138180	1.67%	0.174%
25	11.940	1672	1675	1678	rVV2	514765	565210	6.82%	0.711%
26	11.963	1678	1679	1684	rVB	316290	258158	3.11%	0.325%
27	12.128	1704	1707	1709	rBV	207616	165161	1.99%	0.208%
28	12.151	1709	1711	1718	rVB2	173485	184762	2.23%	0.232%
29	12.281	1731	1733	1736	rVB2	121236	89788	1.08%	0.113%
30	12.310	1736	1738	1740	rBV	134550	100804	1.22%	0.127%
31	12.334	1740	1742	1745	rVB2	114487	102542	1.24%	0.129%
32	12.387	1745	1751	1754	rBV	461951	520384	6.28%	0.654%
33	12.422	1754	1757	1759	rVV2	212443	266084	3.21%	0.335%
34	12.446	1759	1761	1763	rVV	145330	113265	1.37%	0.142%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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	12.469	1763	1765	1771	rVV3	224421	292580	3.53%	0.368%
36	12.551	1775	1779	1782	rVB	1514221	1411410	17.03%	1.775%
37	12.646	1792	1795	1798	rVB	113831	96799	1.17%	0.122%
38	12.781	1812	1818	1820	rBV	1615881	1638609	19.77%	2.060%
39	12.804	1820	1822	1824	rVV2	124065	104955	1.27%	0.132%
40	12.840	1824	1828	1832	rVB2	144487	191775	2.31%	0.241%
41	12.898	1835	1838	1839	rBV	123482	101207	1.22%	0.127%
42	12.928	1839	1843	1847	rVB	8169747	8287700	100.00%	10.420%
43	12.998	1852	1855	1859	rBV2	225887	292981	3.54%	0.368%
44	13.057	1863	1865	1868	rBV3	74230	91833	1.11%	0.115%
45	13.087	1868	1870	1872	rVV3	178943	206595	2.49%	0.260%
46	13.110	1872	1874	1877	rVB	341230	292829	3.53%	0.368%
47	13.181	1877	1886	1888	rBV3	181780	296027	3.57%	0.372%
48	13.216	1889	1892	1895	rBV	345246	301017	3.63%	0.378%
49	13.281	1900	1903	1905	rBV2	81389	94660	1.14%	0.119%
50	13.310	1905	1908	1910	rVV	312732	264917	3.20%	0.333%
51	13.340	1910	1913	1917	rVB	278189	244697	2.95%	0.308%
52	13.428	1923	1928	1932	rBV4	60243	113324	1.37%	0.142%
53	13.622	1955	1961	1966	rVB2	293137	433189	5.23%	0.545%
54	13.728	1976	1979	1983	rBV2	196426	291514	3.52%	0.367%
55	13.763	1983	1985	1987	rVV	160230	128142	1.55%	0.161%
56	13.787	1987	1989	1993	rVV2	104790	144559	1.74%	0.182%
57	13.840	1994	1998	2006	rVB2	256399	456890	5.51%	0.574%
58	13.987	2018	2023	2026	rBV2	2326087	2956838	35.68%	3.718%
59	14.016	2026	2028	2036	rVB	915389	856355	10.33%	1.077%
60	14.245	2065	2067	2070	rVB4	107114	103605	1.25%	0.130%
61	14.345	2081	2084	2086	rBV	84895	86450	1.04%	0.109%
62	14.381	2086	2090	2093	rVV	351052	355417	4.29%	0.447%
63	14.416	2093	2096	2099	rVB	216895	191084	2.31%	0.240%
64	14.451	2099	2102	2104	rBV2	155953	161253	1.95%	0.203%
65	14.475	2104	2106	2109	rVV4	158572	190502	2.30%	0.240%
66	14.504	2109	2111	2114	rVB	136433	125170	1.51%	0.157%
67	14.863	2168	2172	2174	rBV2	104129	146623	1.77%	0.184%
68	15.040	2197	2202	2210	rBV	652277	1298592	15.67%	1.633%
69	15.128	2214	2217	2219	rBV2	128881	152210	1.84%	0.191%
70	15.345	2250	2254	2260	rVB	422834	516195	6.23%	0.649%
71	15.404	2260	2264	2270	rBV	580636	719284	8.68%	0.904%

LSC Area Percent Report

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Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

72	15.475	2271	2276	2279	rBV	1623374	1985179	23.95%	2.496%
73	15.963	2354	2359	2363	rBV	243193	373185	4.50%	0.469%
74	16.951	2522	2527	2533	rBV2	219441	405737	4.90%	0.510%
75	17.087	2546	2550	2555	rBV2	86749	173988	2.10%	0.219%
76	17.392	2598	2602	2608	rVB	190178	328142	3.96%	0.413%
77	18.233	2739	2745	2756	rVB3	216250	583189	7.04%	0.733%

Sum of corrected areas: 79536282

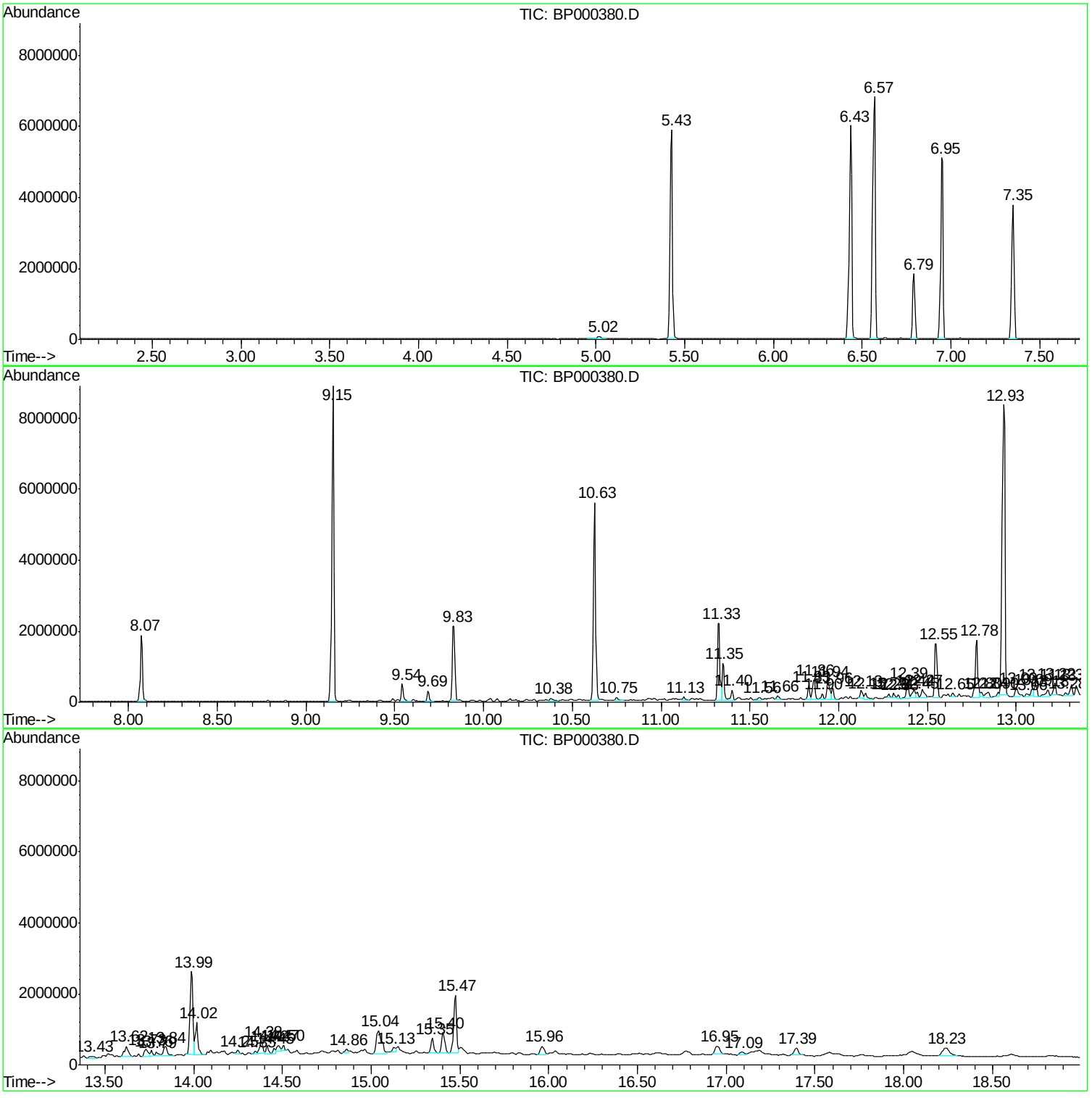
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

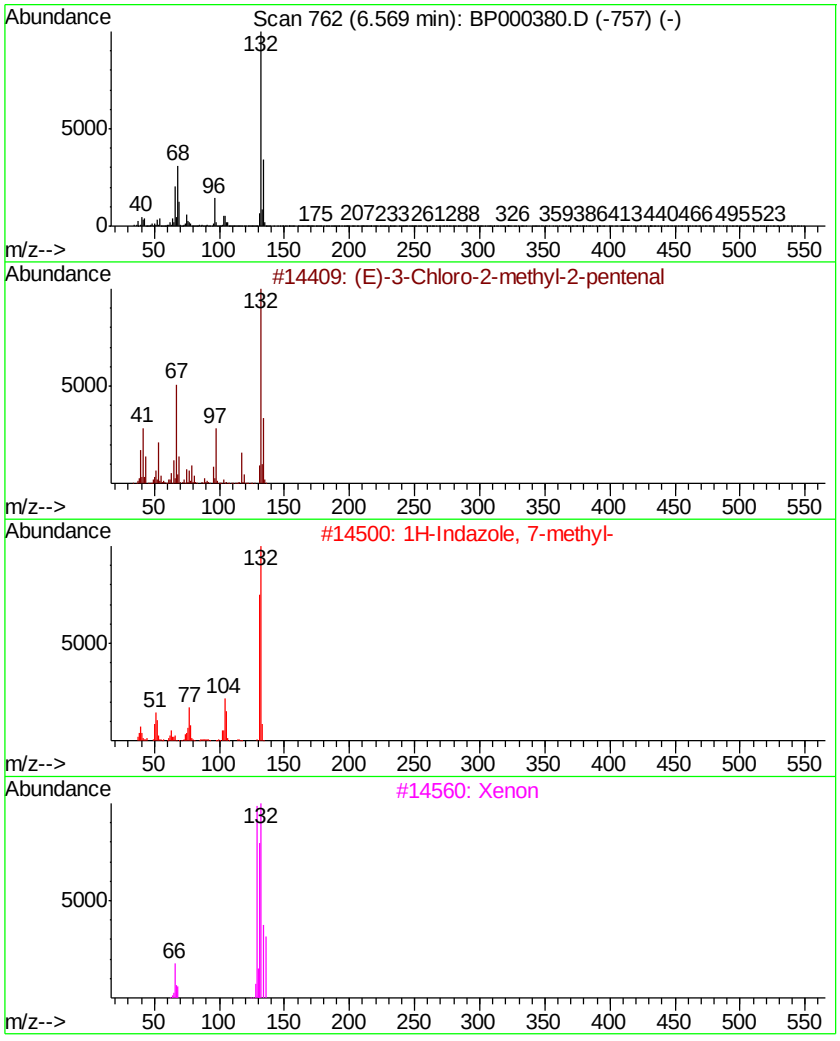
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

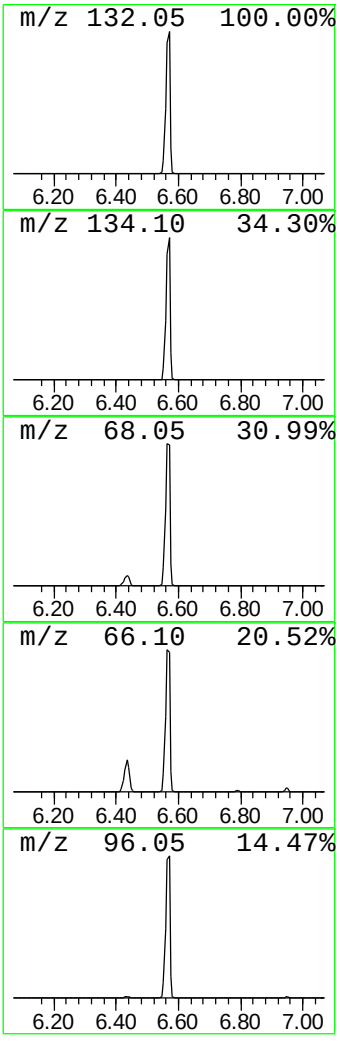
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	86.75 ng	6534360	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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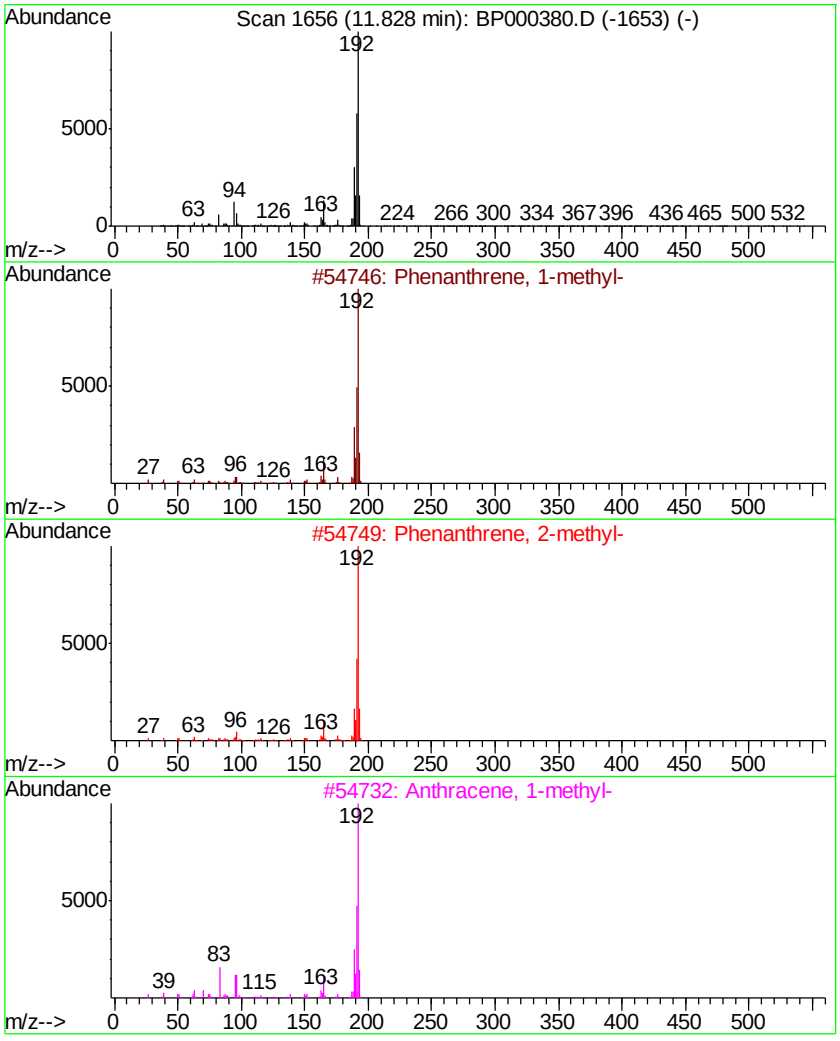
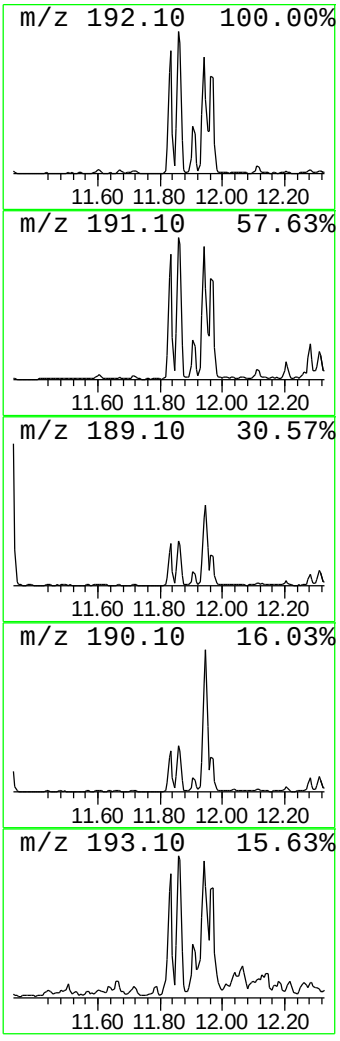
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.18 ng	341858	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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
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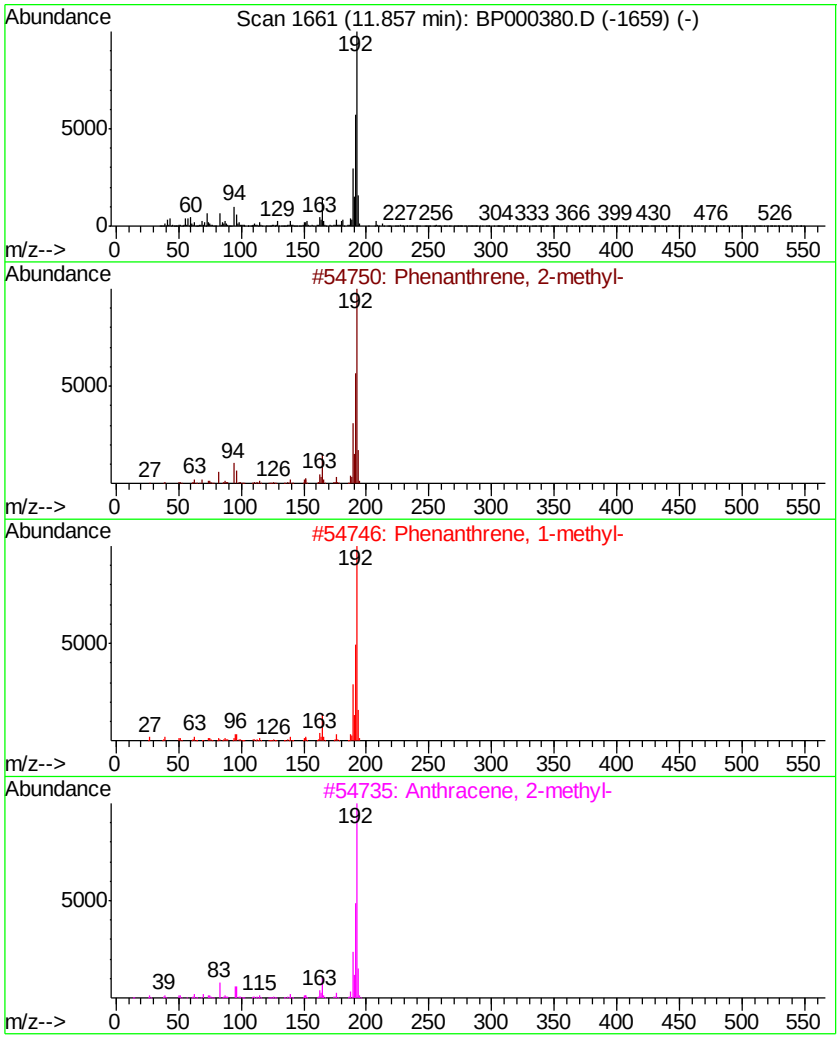
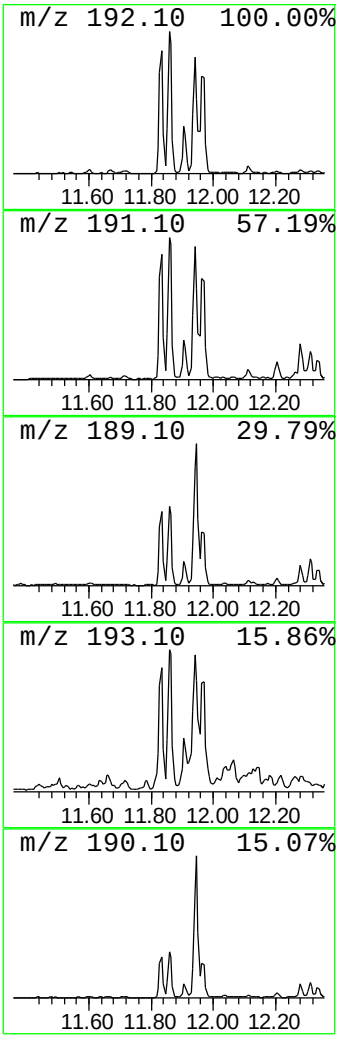
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.81 ng	516530	Phenanthrene-d10	11.33

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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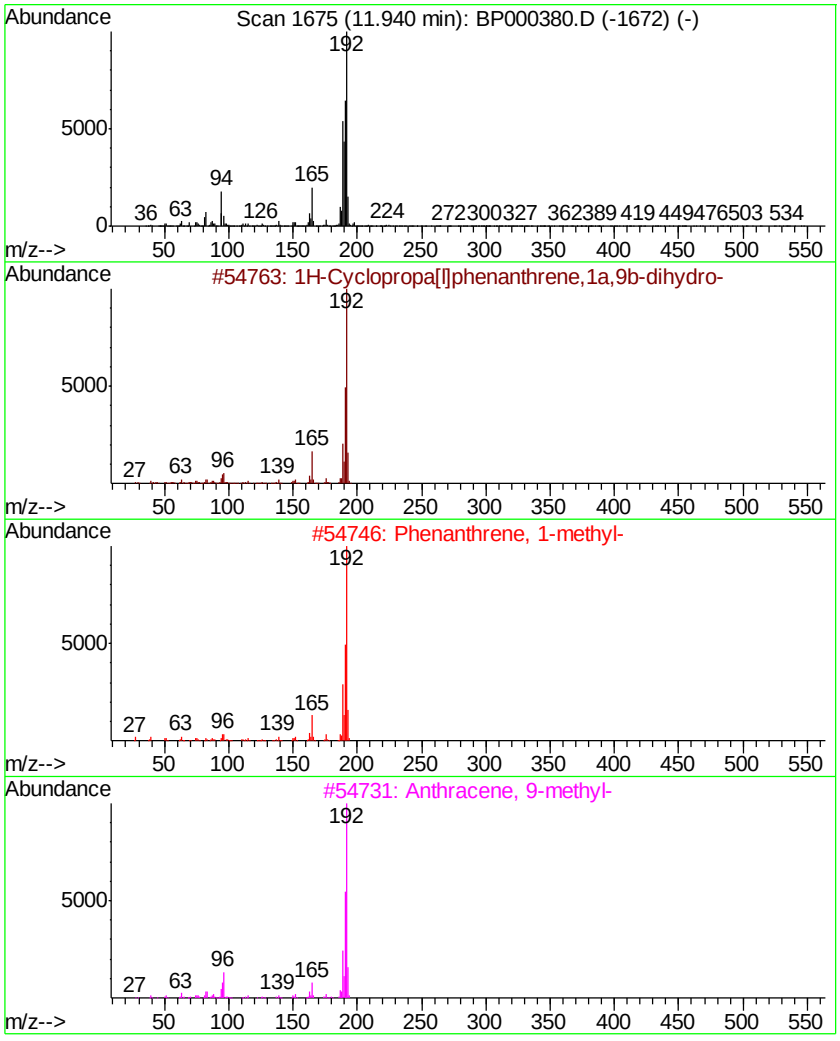
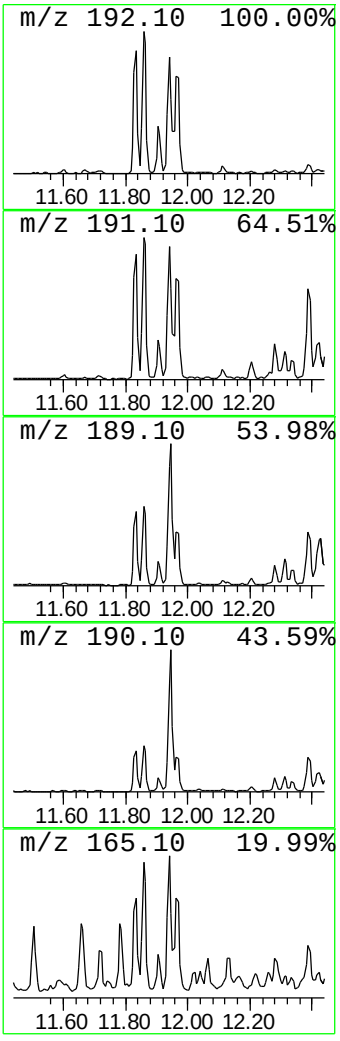
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.26 ng	565210	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, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
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Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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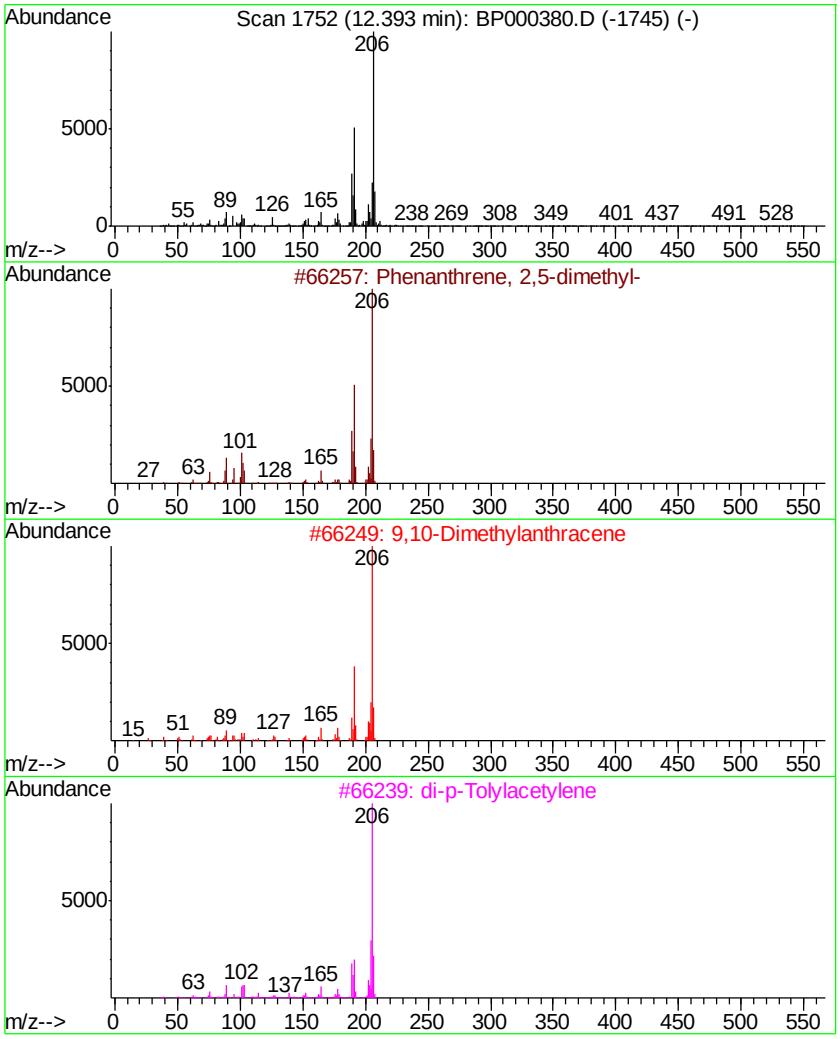
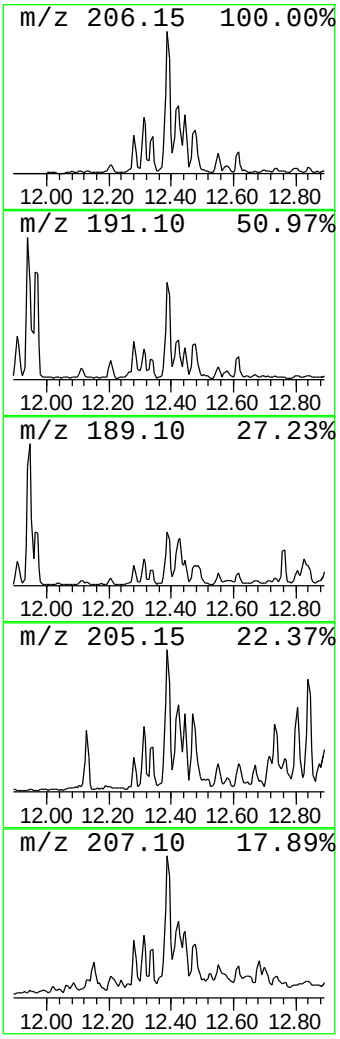
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.85 ng	520384	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

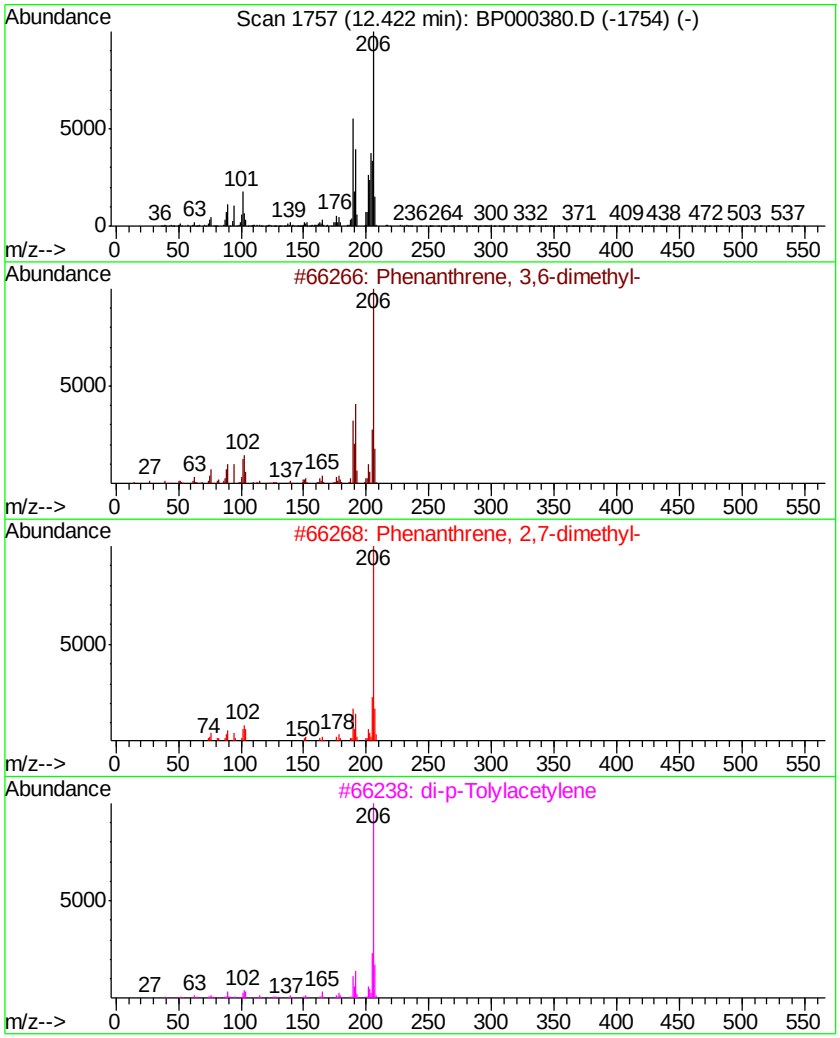
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

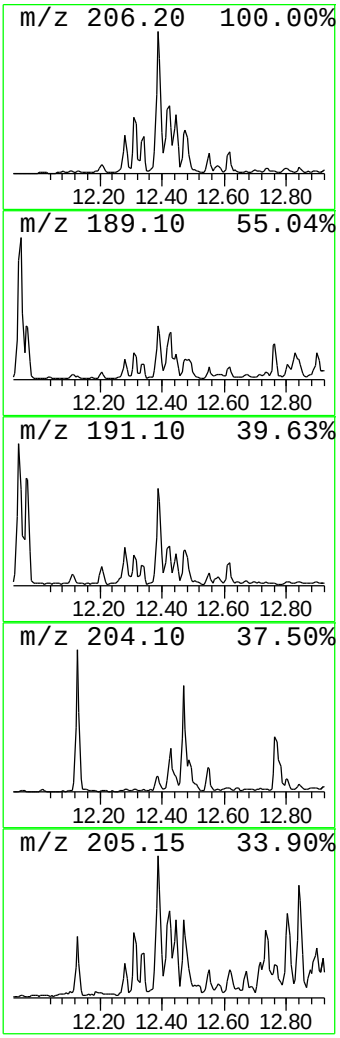
****

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.48 ng	266084	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	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	58
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	58





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Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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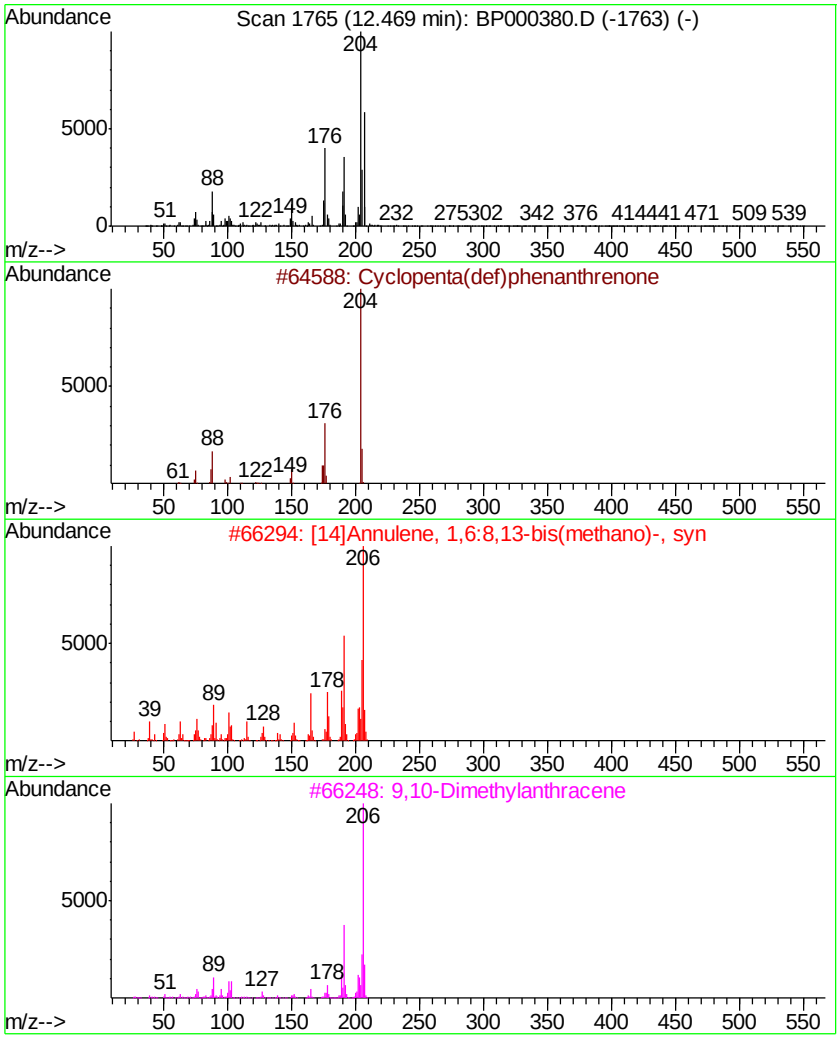
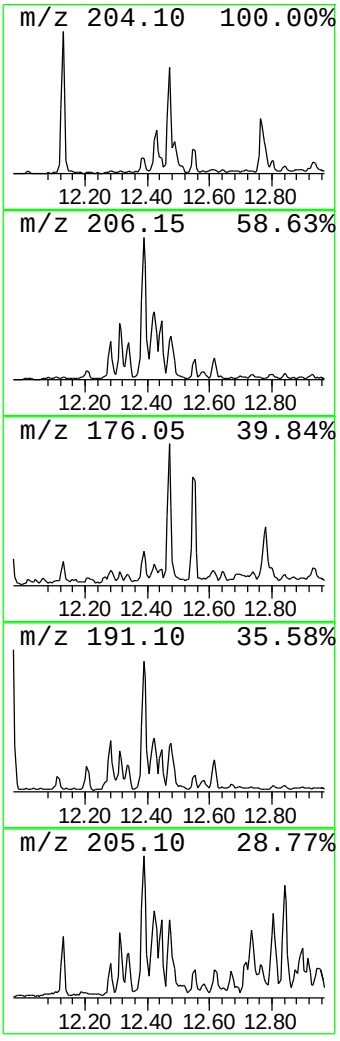
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.72 ng	292580	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38





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Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

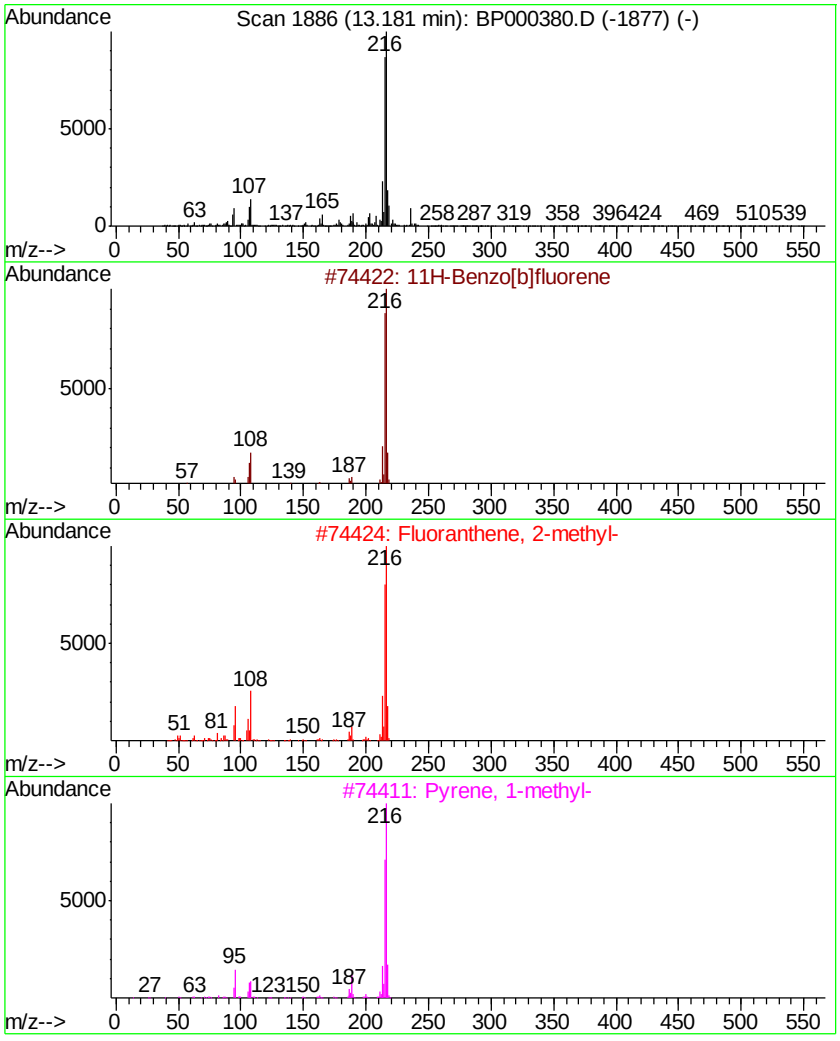
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

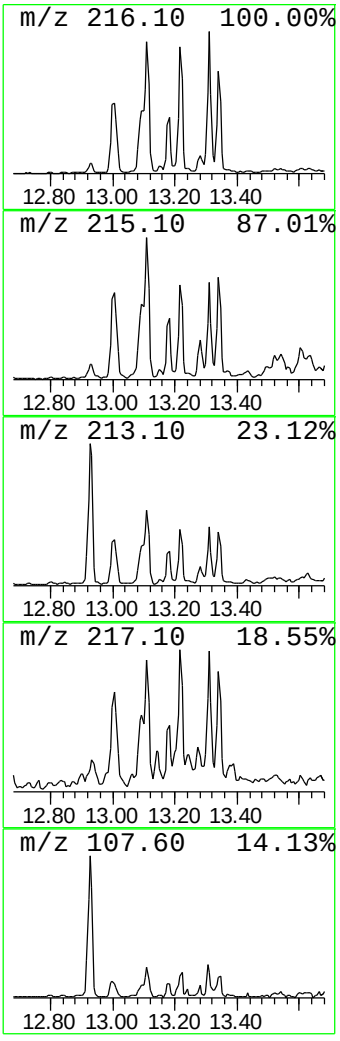
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.00 ng	296027	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

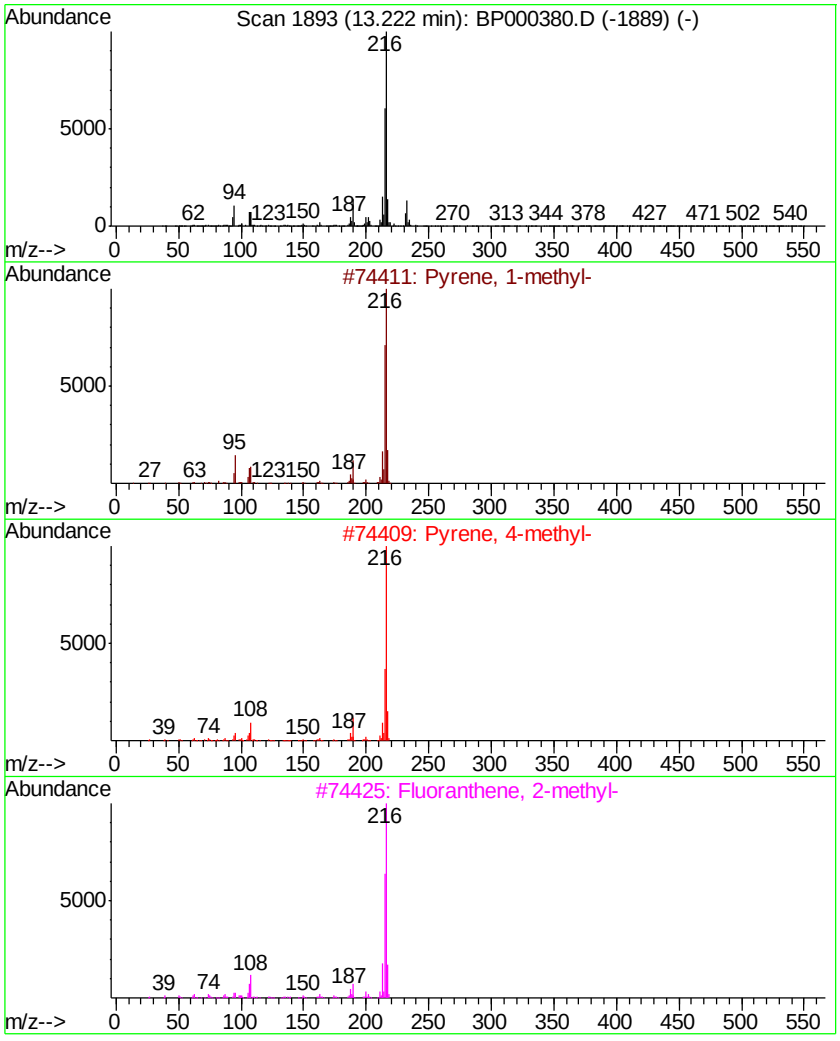
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

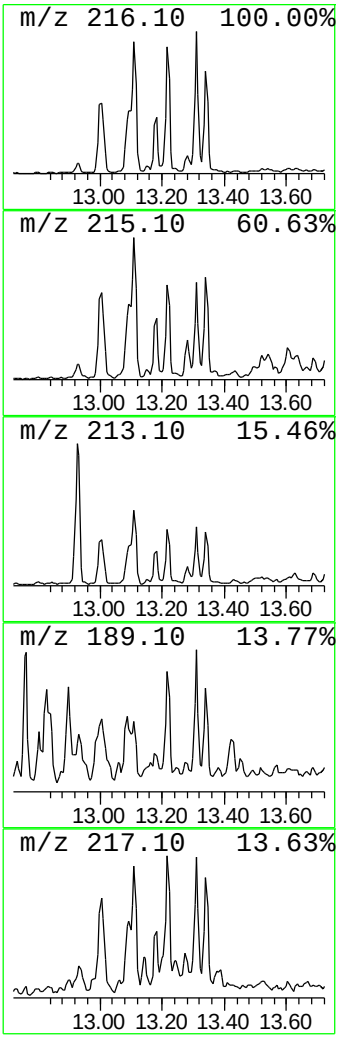
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.04 ng	301017	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	83





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Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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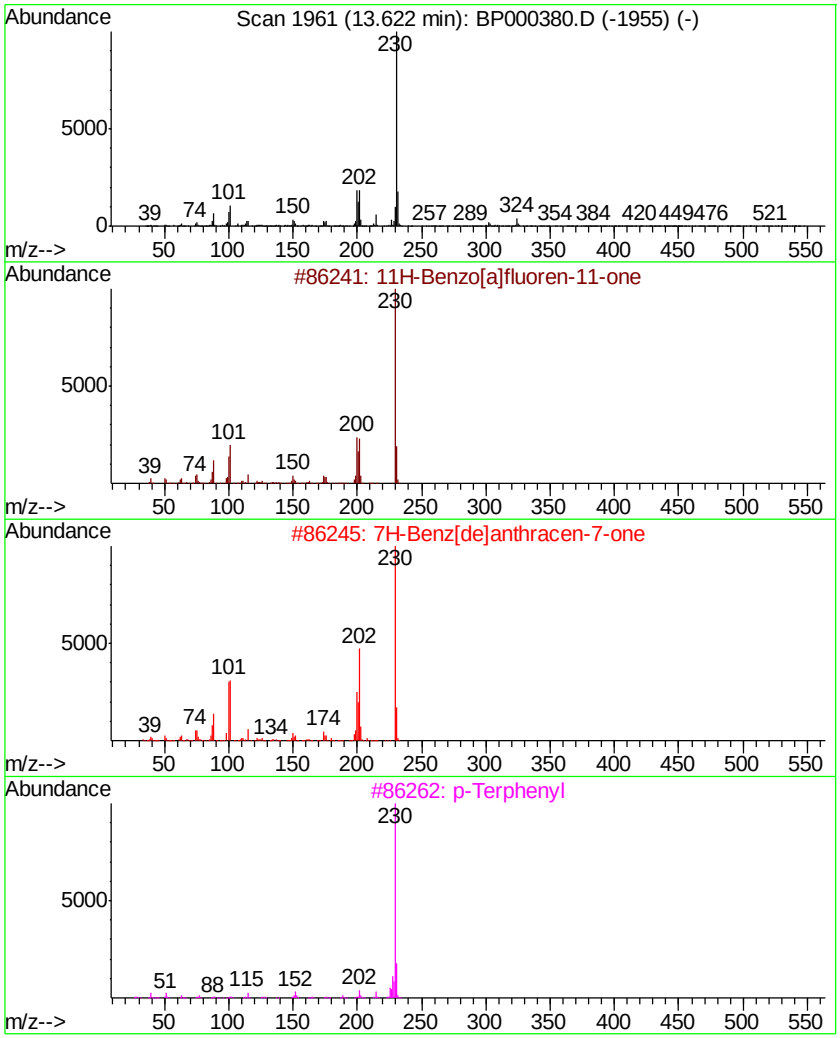
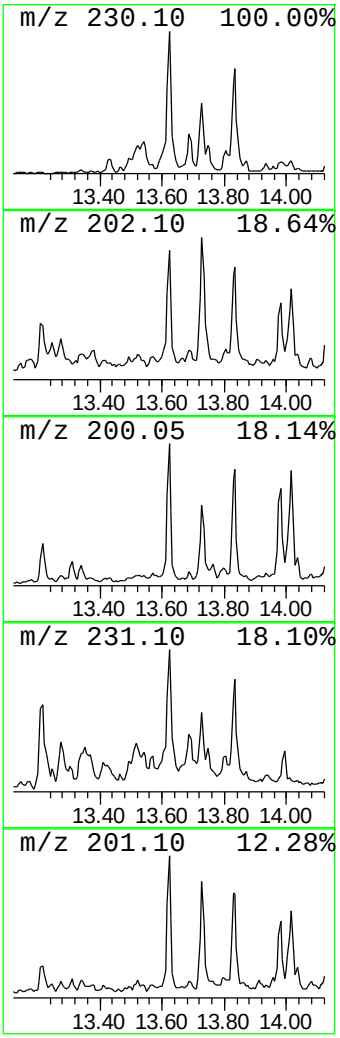
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.93 ng	433189	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	p-Terphenyl	230	C18H14	000092-94-4	70
4	Benzonitrile, 4-(2-cyano-2-phenv...	230	C16H10N2	061469-58-7	64
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





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Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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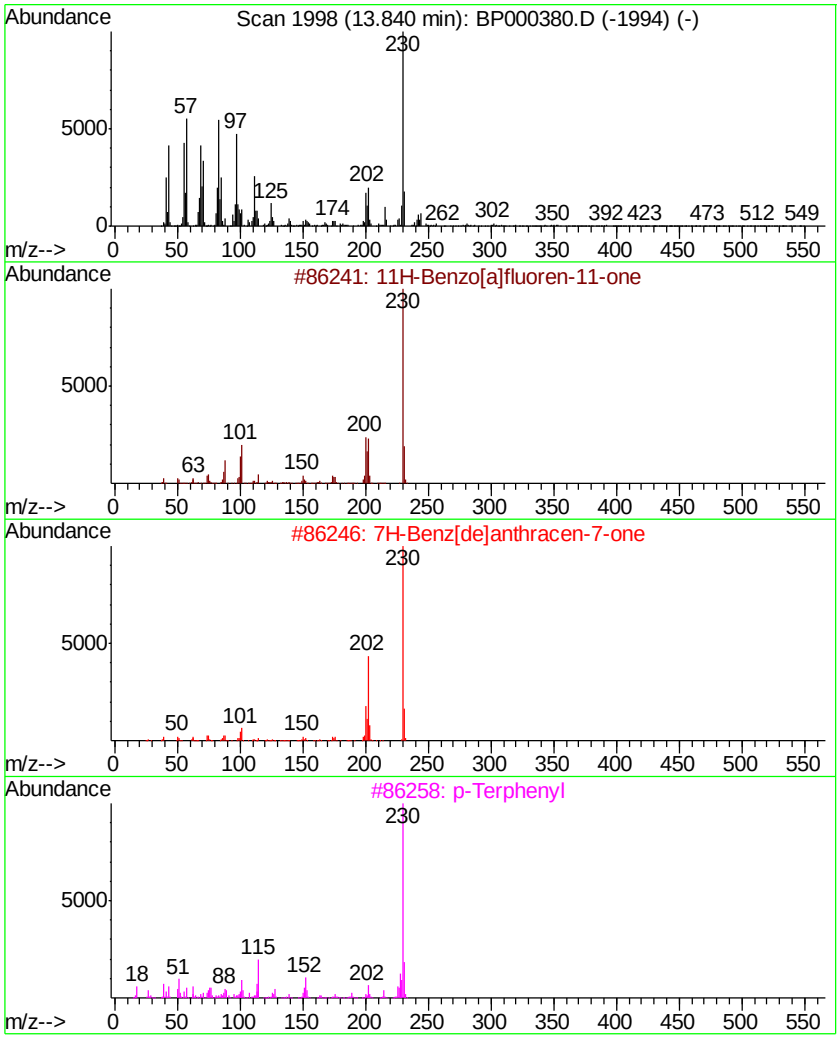
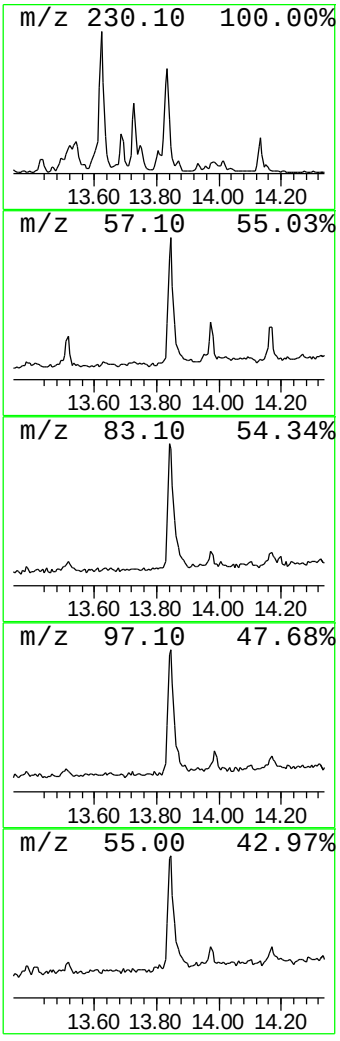
Peak Number 13 unknown13.84 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.09 ng	456890	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
3	p-Terphenyl	230	C18H14	000092-94-4	38
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	27
5	m-Terphenyl	230	C18H14	000092-06-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
Data File : BP000380.D
Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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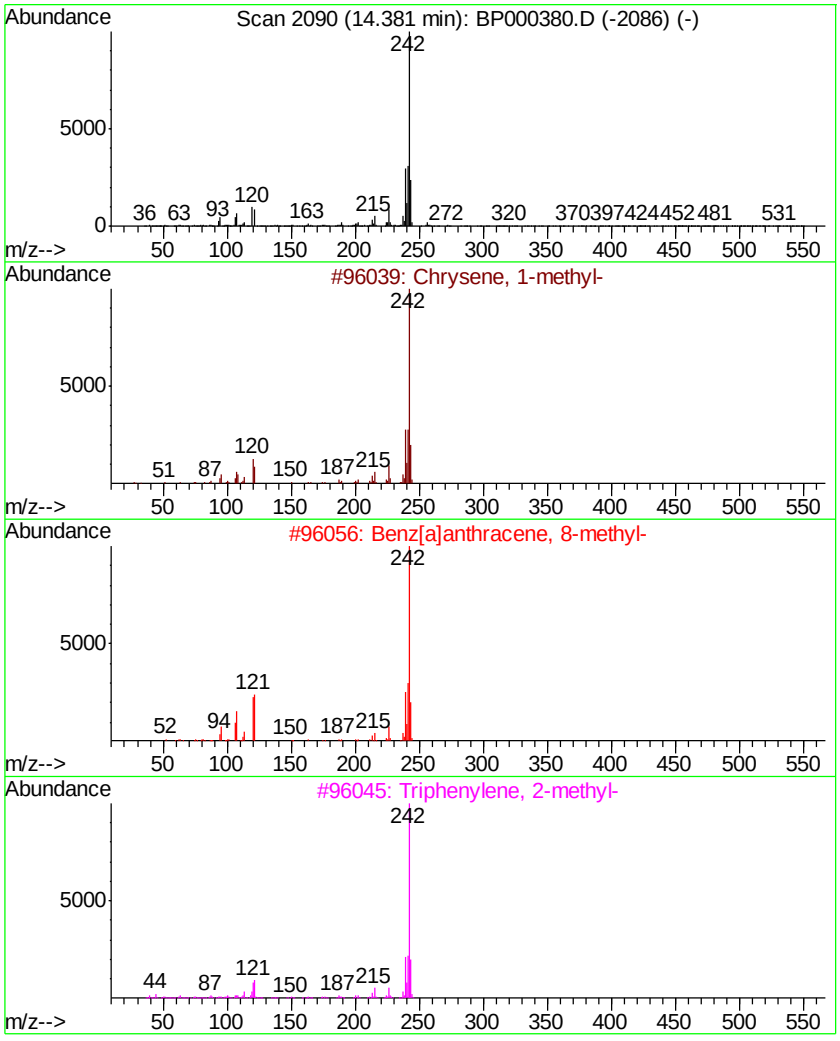
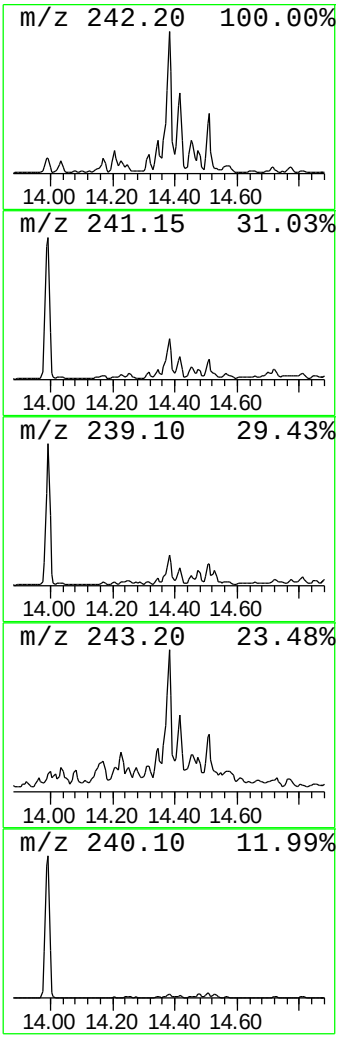
Peak Number 14 Chrysene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.40 ng	355417	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	97
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	97
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4	2-Methylchrysene	242	C19H14	003351-32-4	95
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95





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Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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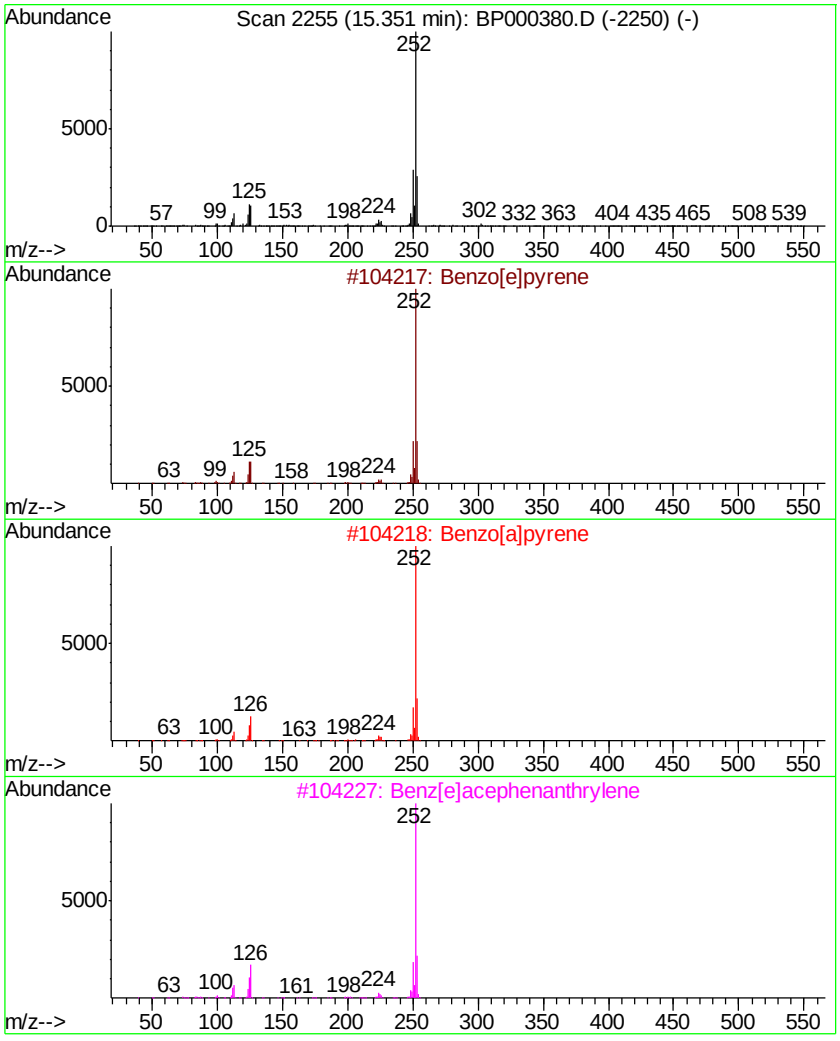
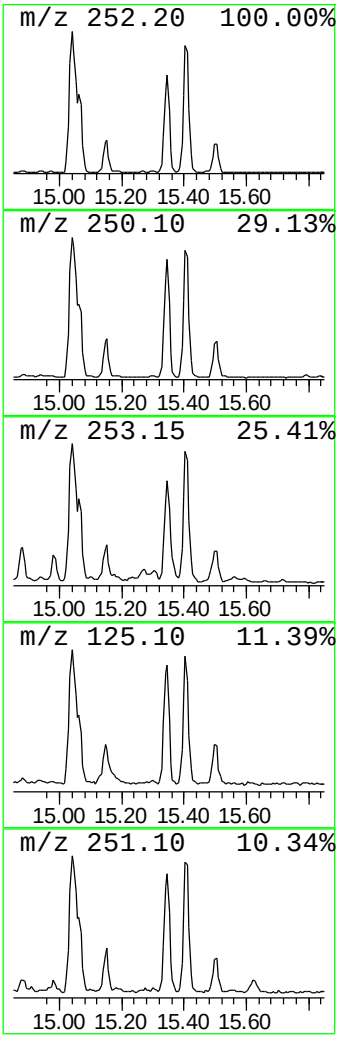
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	5.20 ng	516195	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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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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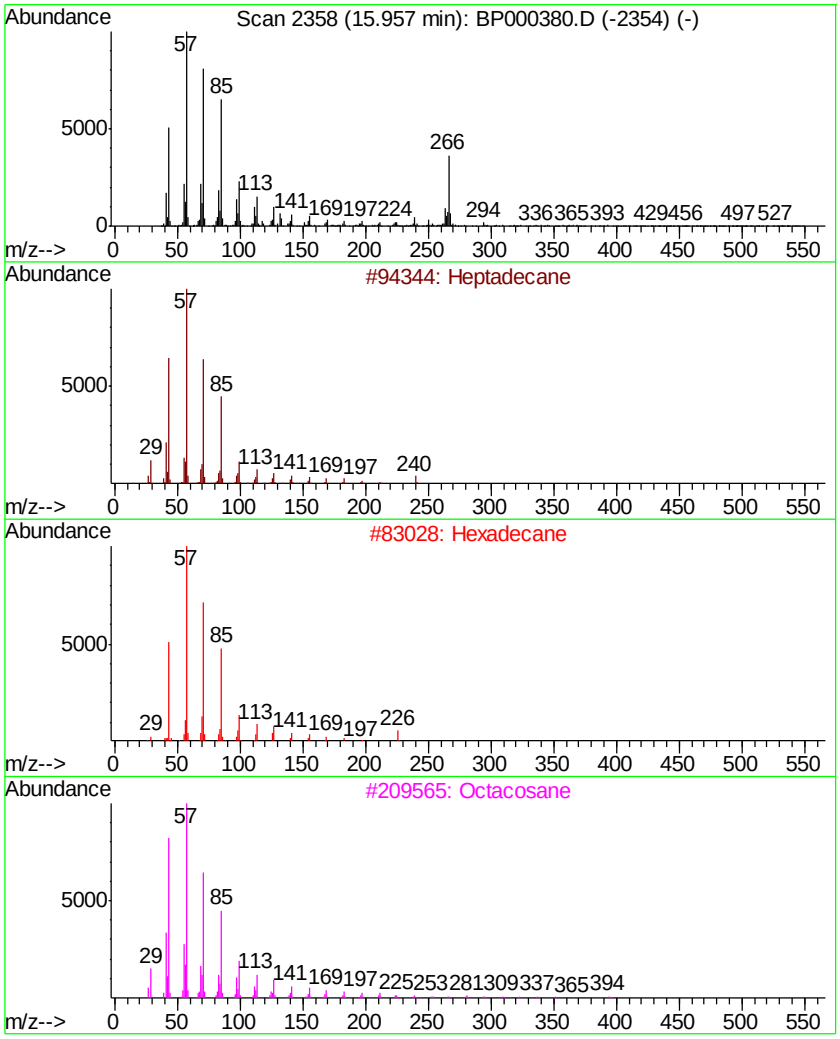
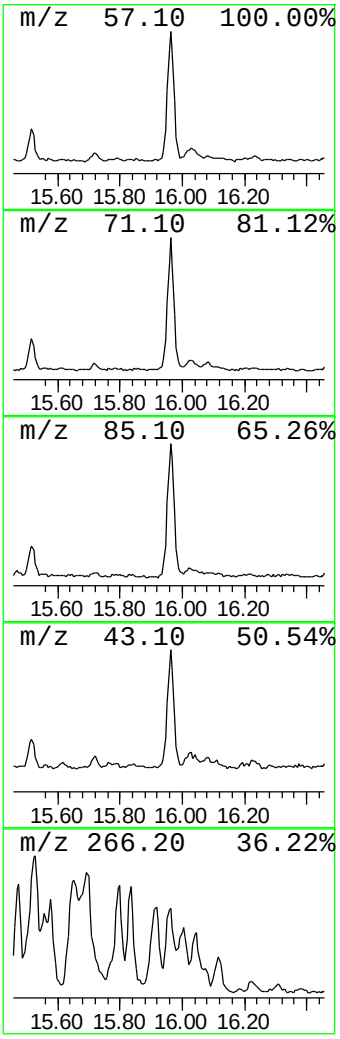
Peak Number 16 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.76 ng	373185	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octacosane	394	C28H58	000630-02-4	81
4	Tetracosane	338	C24H50	000646-31-1	81
5	2-methyloctacosane	408	C29H60	1000376-72-8	81





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Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

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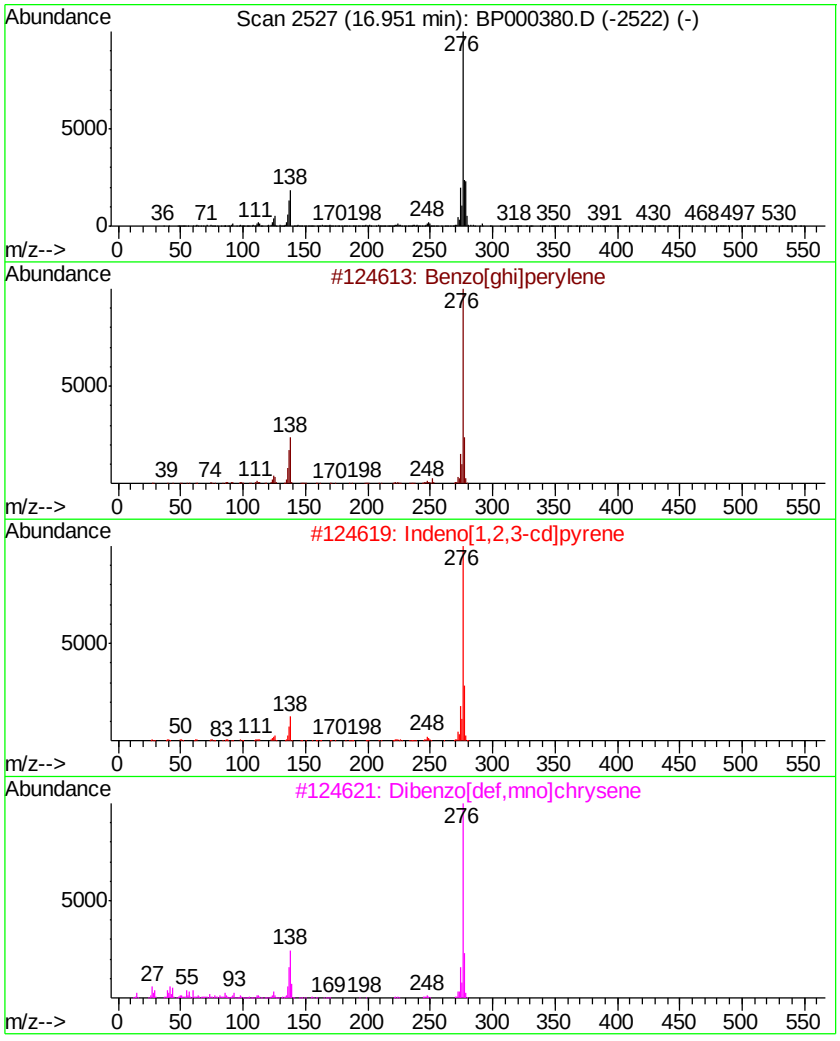
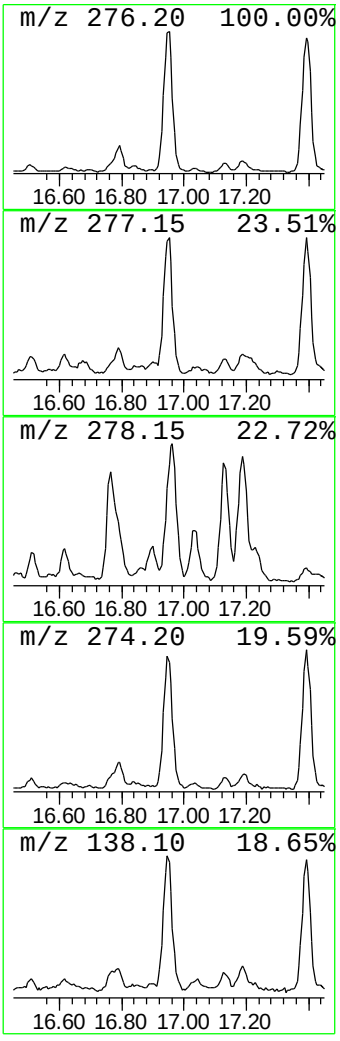
Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.09 ng	405737	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	98
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	97
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	86
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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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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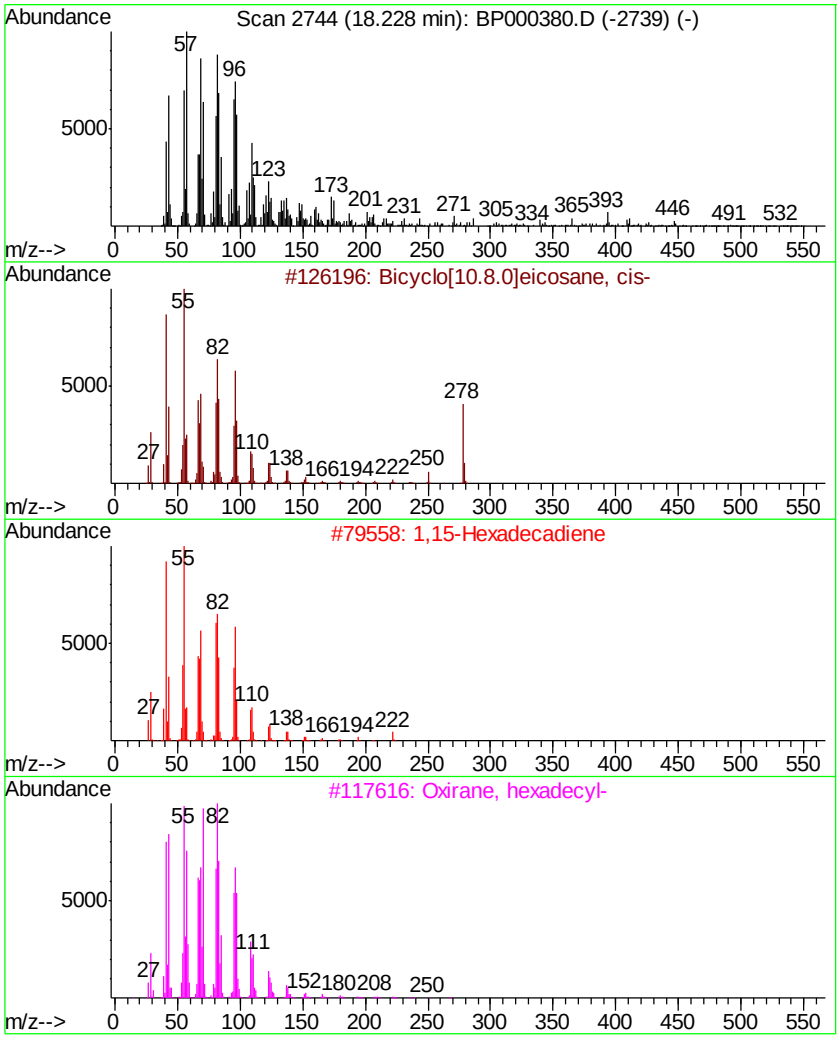
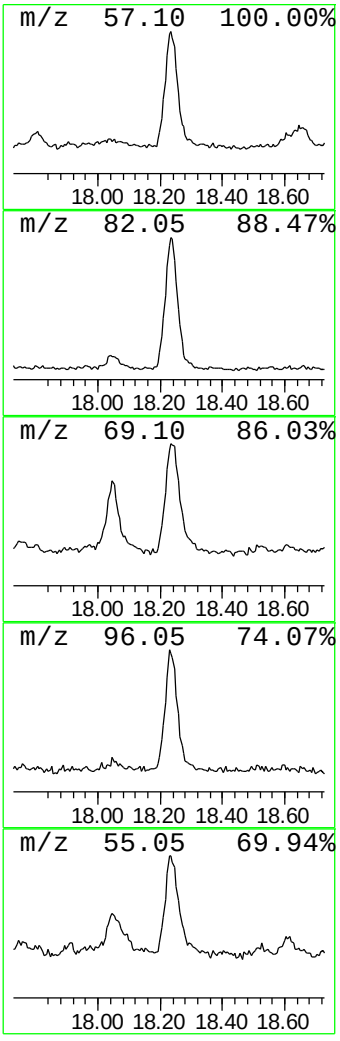
Peak Number 18 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.88 ng	583189	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	78
2	1,15-Hexadecadiene	222	C16H30	021964-51-2	70
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	62
4	Heptadecanal	254	C17H34O	1000376-70-0	60
5	1,12-Tridecadiene	180	C13H24	021964-48-7	60





Tentatively Identified Compound (LSC) summary

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Acq On : 23 Sep 2019 23:07
Operator : HP/JU
Sample : K4997-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-11-091919

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.57	6.57	86.8	ng	6534360	1	6.79	1506420	20.0
Phenanthrene, 1-m...	11.83	3.2	ng	341858	4	11.33	2148070	20.0
Phenanthrene, 2-m...	11.86	4.8	ng	516530	4	11.33	2148070	20.0
1H-Cyclopropa[l]p...	11.94	5.3	ng	565210	4	11.33	2148070	20.0
Phenanthrene, 2,5...	12.39	4.8	ng	520384	4	11.33	2148070	20.0
Phenanthrene, 3,6...	12.42	2.5	ng	266084	4	11.33	2148070	20.0
Cyclopenta(def)ph...	12.47	2.7	ng	292580	4	11.33	2148070	20.0
11H-Benzo[b]fluorene	13.18	2.0	ng	296027	5	13.99	2956840	20.0
Pyrene, 1-methyl-	13.22	2.0	ng	301017	5	13.99	2956840	20.0
11H-Benzo[a]fluor...	13.62	2.9	ng	433189	5	13.99	2956840	20.0
unknown13.84	13.84	3.1	ng	456890	5	13.99	2956840	20.0
Chrysene, 1-methyl-	14.38	2.4	ng	355417	5	13.99	2956840	20.0
Benzo[e]pyrene	15.35	5.2	ng	516195	6	15.47	1985180	20.0
Heptadecane	15.96	3.8	ng	373185	6	15.47	1985180	20.0
Dibenzo[def,mno]c...	16.95	4.1	ng	405737	6	15.47	1985180	20.0
Bicyclo[10.8.0]ei...	18.23	5.9	ng	583189	6	15.47	1985180	20.0