LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	7	12	20	rVB	353094	444400	4.48%	0.352%
2	6.505	748	751	759	rBV2	60257	61938	0.62%	0.049%
3	6.893	814	817	821	rBV	2336488	1812278	18.27%	1.435%
4	7.257	876	879	888	rBV	79961	65883	0.66%	0.052%
5	8.175	1032	1035	1038	rBV	2714297	2424263	24.44%	1.919%
6	8.199	1038	1039	1042	rVV	148744	83396	0.84%	0.066%
7	9.628	1280	1282	1284	rVV	127493	95643	0.96%	0.076%
8	9.787	1306	1309	1315	rBV	133038	130655	1.32%	0.103%
9	9.946	1333	1336	1339	rBV	3411340	2769824	27.92%	2.193%
10	9.981	1339	1342	1345	rVB	349426	322245	3.25%	0.255%
11	10.151	1368	1371	1375	rVB	97011	84908	0.86%	0.067%
12	10.469	1421	1425	1428	rBV	156772	131713	1.33%	0.104%
13	10.498	1428	1430	1434	rVV	146980	119136	1.20%	0.094%
14	10.869	1487	1493	1497	rBV3	59678	67537	0.68%	0.053%
15	11.057	1518	1525	1527	rVV4	41480	79974	0.81%	0.063%
16	11.251	1555	1558	1562	rVB	95712	88772	0.89%	0.070%
17	11.310	1563	1568	1571	rBV2	103872	128347	1.29%	0.102%
18	11.345	1571	1574	1580	rVB	224465	202869	2.05%	0.161%
19	11.451	1588	1592	1594	rBV	3242389	2885173	29.08%	2.284%
20	11.475	1594	1596	1599	rVV	3219435	2617122	26.38%	2.072%
21	11.510	1599	1602	1603	rVV	203584	211562	2.13%	0.167%
22	11.528	1603	1605	1608	rVV	516335	408393	4.12%	0.323%
23	11.563	1608	1611	1614	rVV2	136870	139939	1.41%	0.111%
24	11.681	1625	1631	1635	rBV2	541006	575251	5.80%	0.455%
25	11.787	1646	1649	1652	rBV	286138	237363	2.39%	0.188%
26	11.875	1661	1664	1668	rVB	243574	269427	2.72%	0.213%
27	11.963	1673	1679	1681	rBV	1040895	940437	9.48%	0.745%
28	11.993	1681	1684	1688	rVB	1517918	1342692	13.54%	1.063%
29	12.040	1688	1692	1695	rBV	278518	269877	2.72%	0.214%
30	12.075	1695	1698	1700	rVV	760385	762766	7.69%	0.604%
31	12.098	1700	1702	1707	rVB	490526	418051	4.21%	0.331%
32	12.140	1707	1709	1711	rBV	64310	65124	0.66%	0.052%
33	12.169	1711	1714	1717	rVB	114491	95948	0.97%	0.076%
34	12.204	1717	1720	1722	rBV2	182292	159760	1.61%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

35	12.263	1727	1730	1732	rBV	403988	370957	3.74%	0.294%
36	12.287	1732	1734	1741	rVB3	367676	515920	5.20%	0.408%
37	12.340	1741	1743	1745	rBV	127887	110876	1.12%	0.088%
38	12.369	1745	1748	1751	rVB	155103	151243	1.52%	0.120%
39	12.416	1751	1756	1759	rBV2	526907	557003	5.61%	0.441%
40	12.451	1759	1762	1764	rBV	813404	722709	7.29%	0.572%
41	12.475	1764	1766	1769	rVB	631483	523480	5.28%	0.414%
42	12.528	1770	1775	1778	rBV	832279	1004035	10.12%	0.795%
43	12.557	1778	1780	1783	rBV2	267244	290458	2.93%	0.230%
44	12.581	1783	1784	1787	rVB	251752	185606	1.87%	0.147%
45	12.610	1787	1789	1794	rVB	481588	514168	5.18%	0.407%
46	12.651	1794	1796	1799	rBV	244306	215777	2.18%	0.171%
47	12.692	1799	1803	1807	rBV	6160918	5847536	58.95%	4.629%
48	12.740	1808	1811	1813	rBV	257525	329803	3.32%	0.261%
49	12.810	1821	1823	1825	rBV2	93965	92422	0.93%	0.073%
50	12.845	1826	1829	1833	rVV3	396899	509292	5.13%	0.403%
51	12.875	1833	1834	1837	rVV2	170656	129253	1.30%	0.102%
52	12.928	1837	1843	1849	rVV	6348772	7761481	78.24%	6.145%
53	12.987	1849	1853	1857	rVB3	622160	791385	7.98%	0.627%
54	13.045	1857	1863	1865	rBV2	433556	722488	7.28%	0.572%
55	13.081	1867	1869	1875	rVB	534287	754771	7.61%	0.598%
56	13.151	1875	1881	1883	rBV2	659061	1007144	10.15%	0.797%
57	13.175	1883	1885	1888	rVB2	296213	275358	2.78%	0.218%
58	13.204	1888	1890	1893	rBV2	393877	392954	3.96%	0.311%
59	13.263	1893	1900	1903	rVB2	1280511	1998141	20.14%	1.582%
60	13.304	1903	1907	1909	rBV2	210567	309759	3.12%	0.245%
61	13.328	1909	1911	1914	rVB	696592	620857	6.26%	0.492%
62	13.369	1914	1918	1926	rBV	2728846	3363408	33.91%	2.663%
63	13.463	1930	1934	1937	rBV	1385319	1439319	14.51%	1.139%
64	13.492	1937	1939	1943	rVB	1190891	1159789	11.69%	0.918%
65	13.534	1943	1946	1950	rVB3	331944	434304	4.38%	0.344%
66	13.587	1950	1955	1958	rVB3	204281	296551	2.99%	0.235%
67	13.622	1958	1961	1962	rBV2	108358	113797	1.15%	0.090%
68	13.651	1962	1966	1967	rBV2	258547	295328	2.98%	0.234%
69	13.698	1968	1974	1976	rBV2	525334	883267	8.90%	0.699%
70	13.787	1982	1989	1994	rBV2	1393349	2073321	20.90%	1.641%
71	13.828	1994	1996	1997	rBV	217181	170005	1.71%	0.135%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

72	13.851	1997	2000	2003	rVB	746583	788579	7.95%	0.624%
73	13.898	2003	2008	2015	rBV4	2157916	3987531	40.20%	3.157%
74	13.969	2015	2020	2023	rBV4	494823	905023	9.12%	0.717%
75	14.004	2023	2026	2029	rVB	530094	599983	6.05%	0.475%
76	14.034	2029	2031	2034	rVB	185174	160519	1.62%	0.127%
77	14.069	2034	2037	2040	rBV	400055	532798	5.37%	0.422%
78	14.098	2040	2042	2044	rBV2	140517	118344	1.19%	0.094%
79	14.157	2044	2052	2055	rBV3	4930905	9920017	100.00%	7.854%
80	14.192	2055	2058	2065	rVB	4845775	6231272	62.82%	4.933%
81	14.251	2065	2068	2073	rBV2	1125127	1575087	15.88%	1.247%
82	14.328	2073	2081	2085	rBV	1134523	2594119	26.15%	2.054%
83	14.398	2089	2093	2096	rBV2	439581	613533	6.18%	0.486%
84	14.463	2102	2104	2106	rBV2	179234	190920	1.92%	0.151%
85	14.492	2106	2109	2111	rVV2	427055	524340	5.29%	0.415%
86	14.528	2111	2115	2116	rVV2	561029	656367	6.62%	0.520%
87	14.569	2116	2122	2125	rVV	3293022	5134833	51.76%	4.065%
88	14.598	2125	2127	2131	rVB	1435509	1620247	16.33%	1.283%
89	14.639	2131	2134	2136	rBV3	412197	492899	4.97%	0.390%
90	14.704	2141	2145	2153	rVB4	787290	1949048	19.65%	1.543%
91	14.839	2164	2168	2172	rVB2	434023	723505	7.29%	0.573%
92	14.928	2178	2183	2189	rBV4	821338	2211558	22.29%	1.751%
93	14.986	2189	2193	2196	rVV2	839990	1441038	14.53%	1.141%
94	15.022	2196	2199	2204	rVB2	967868	1519133	15.31%	1.203%
95	15.104	2210	2213	2217	rBV	489505	676940	6.82%	0.536%
96	15.281	2236	2243	2257	rVB2	3138726	8802924	88.74%	6.969%
97	15.604	2292	2298	2304	rBV2	2136748	4545085	45.82%	3.598%
98	15.675	2304	2310	2316	rVB	2550928	5139824	51.81%	4.069%
99	15.739	2317	2321	2324	rBV	677322	1214005	12.24%	0.961%
100	17.345	2587	2594	2612	rVB2	1229271	3995367	40.28%	3.163%

Sum of corrected areas: 126311469

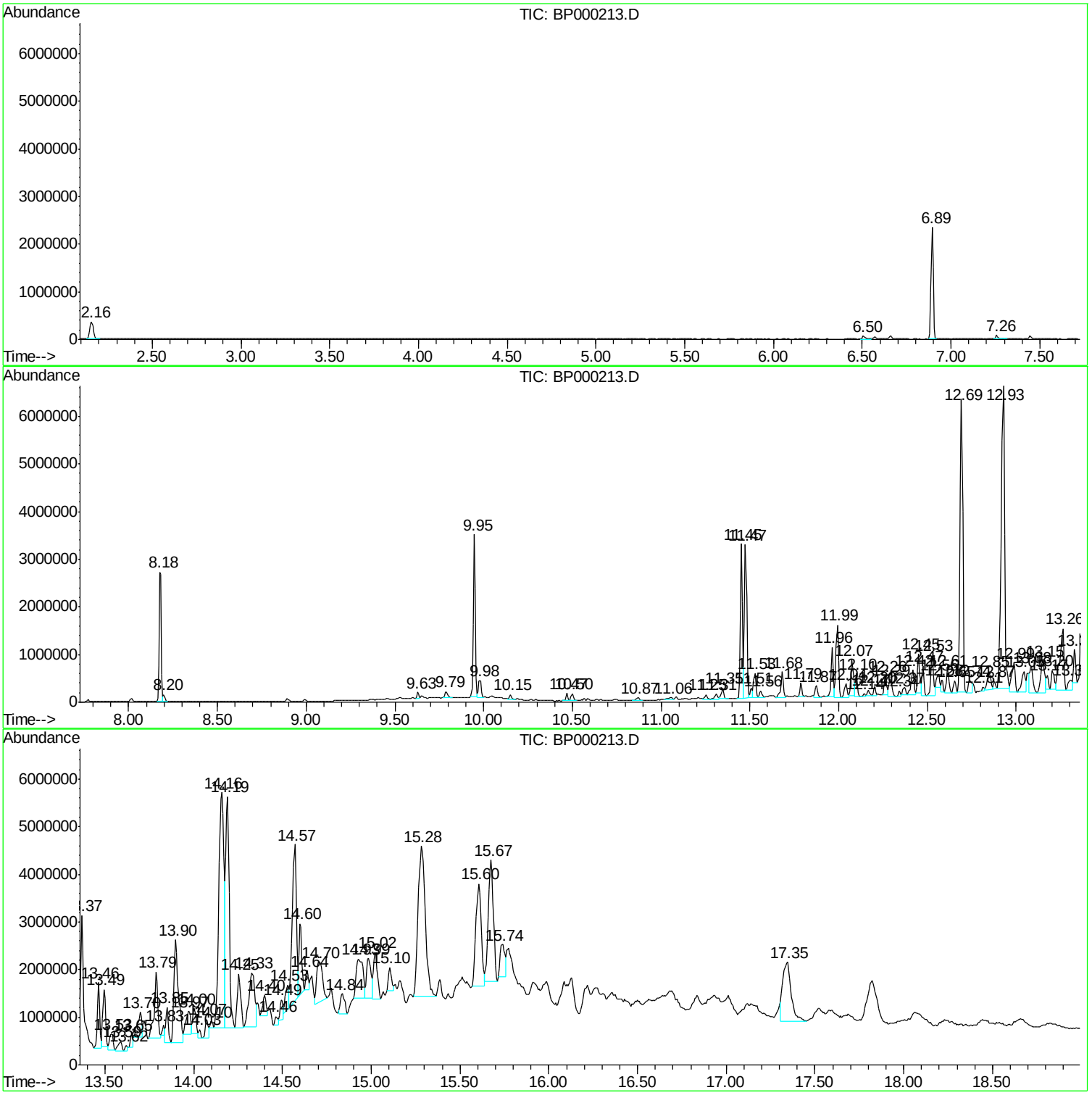
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

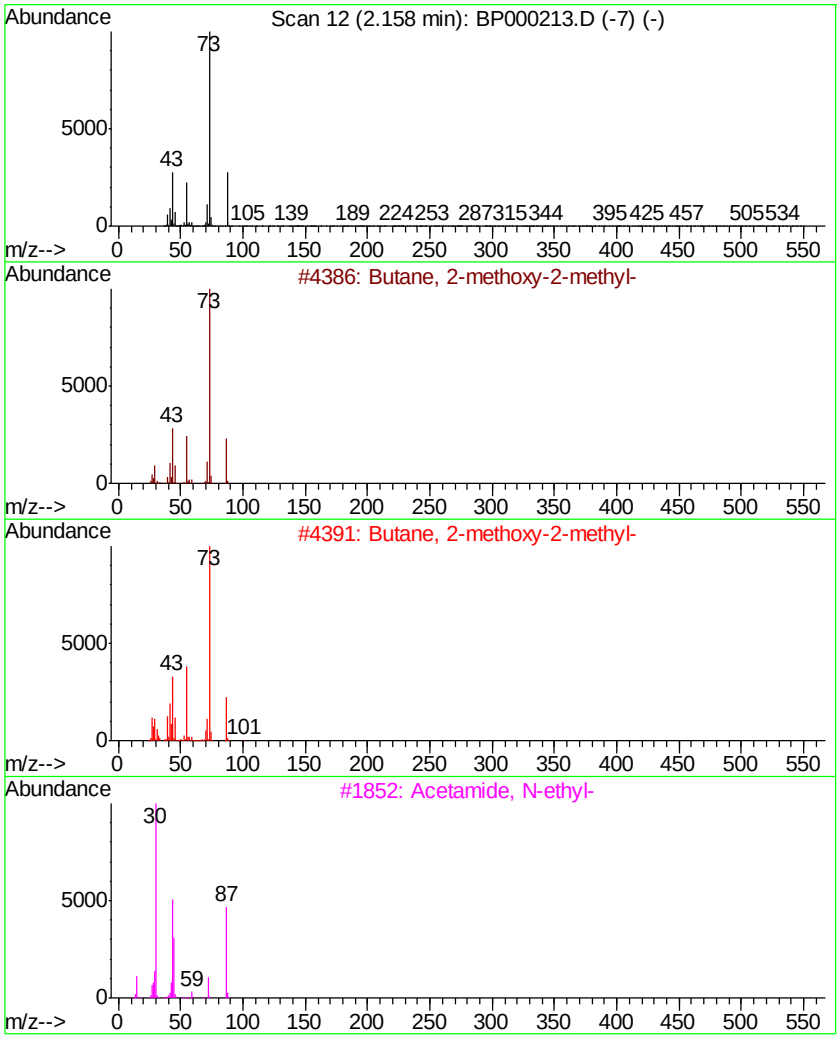
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

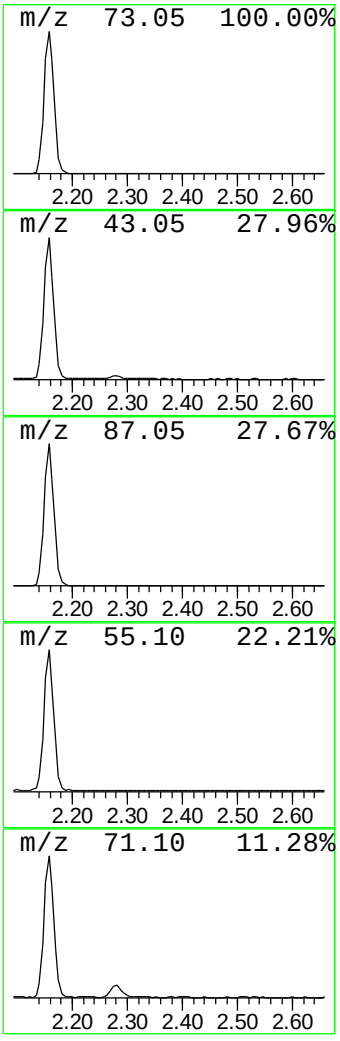
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	4.90 ng/ul	444400	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

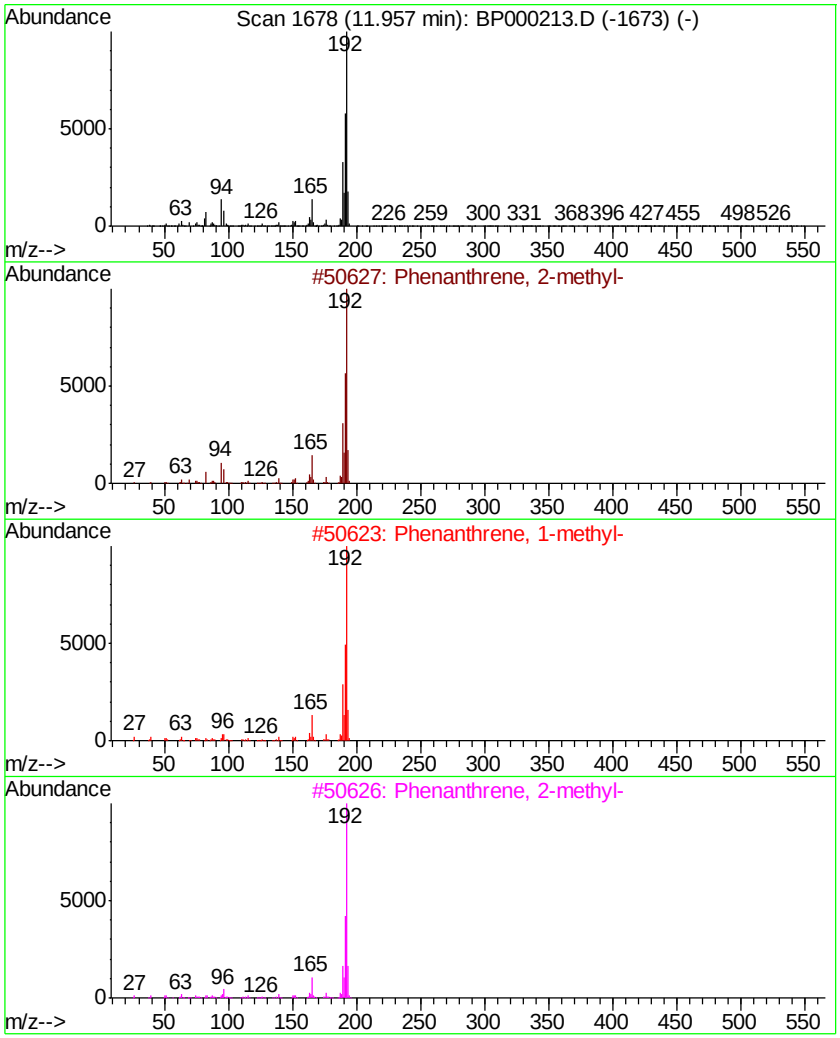
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

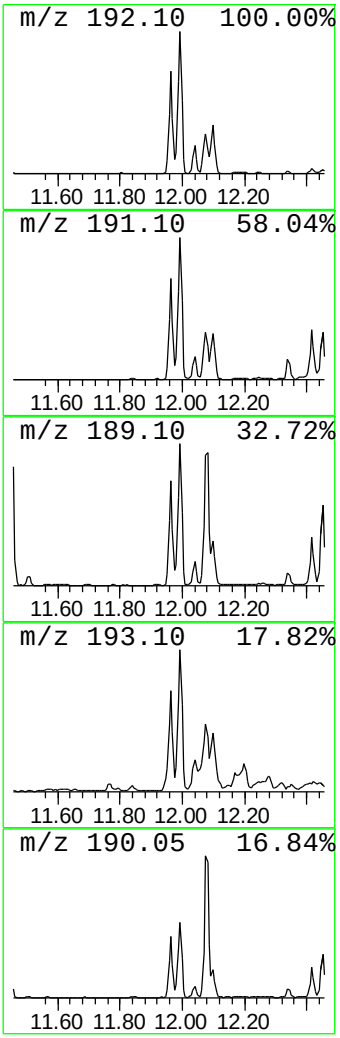
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.52 ng/ul	940437	Phenanthrene-d10	11.45

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

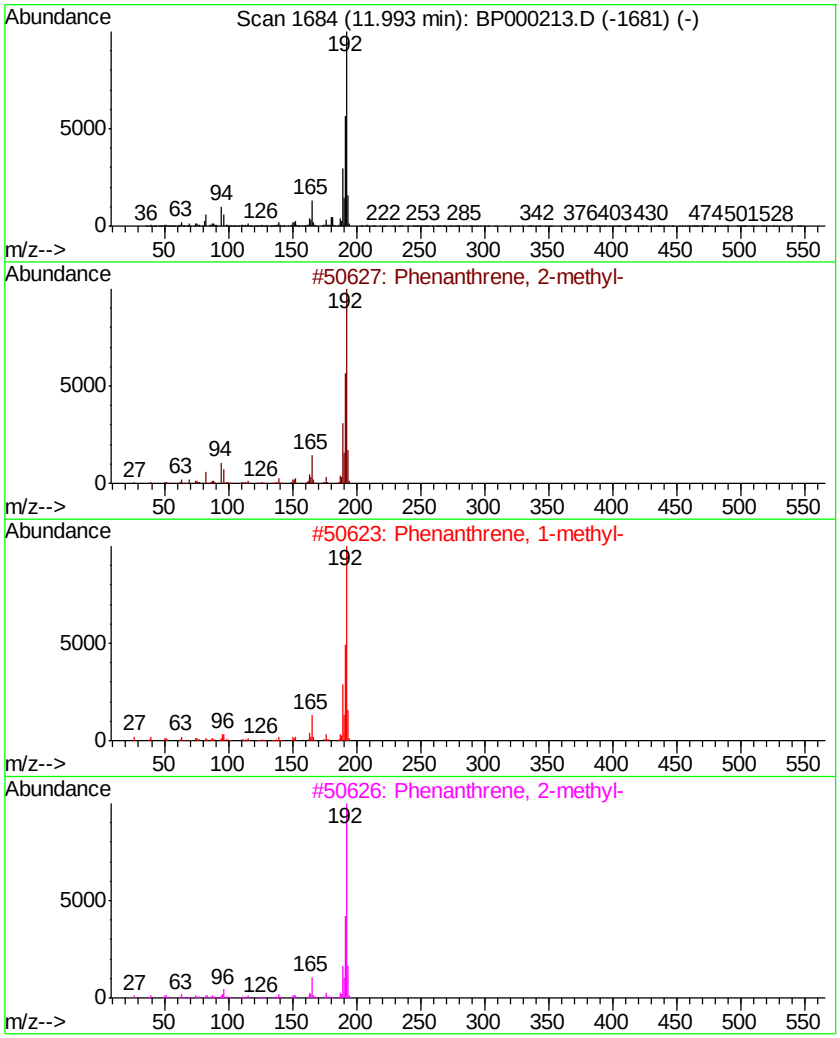
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

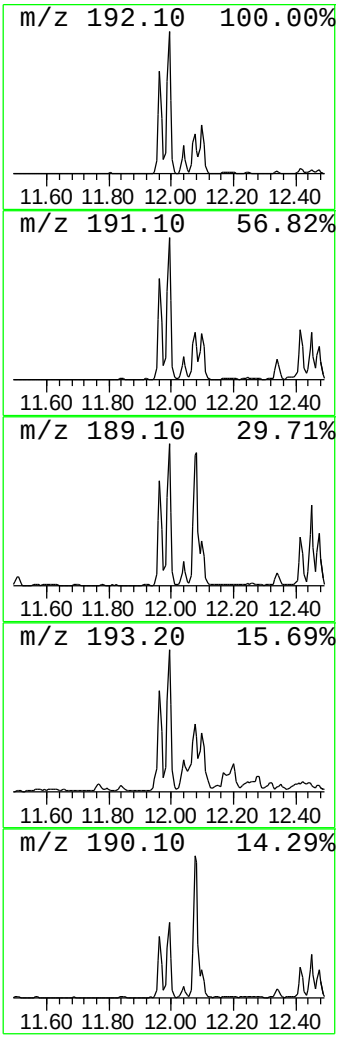
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.31 ng/ul	1342690	Phenanthrene-d10	11.45

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

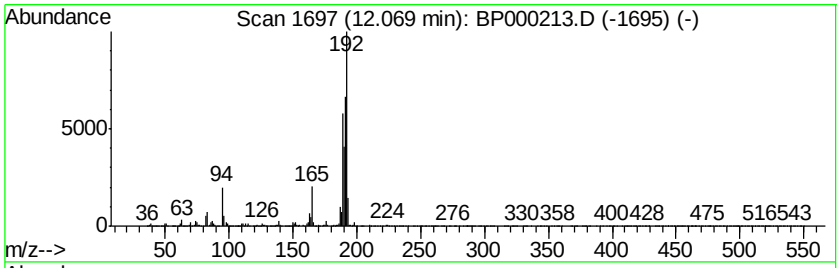
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

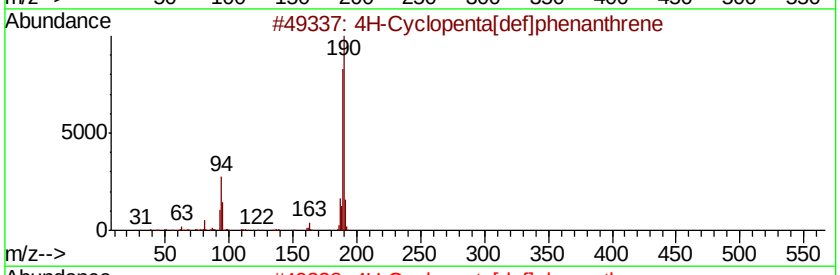
****

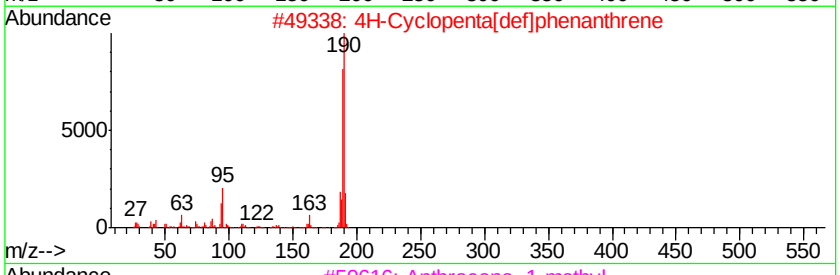
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

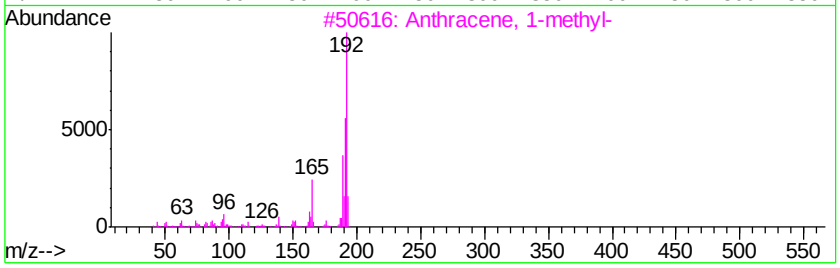
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.29 ng/ul	762766	Phenanthrene-d10	11.45

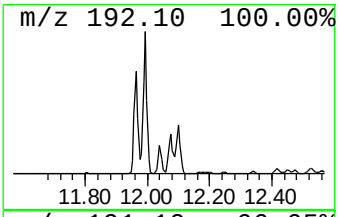
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42

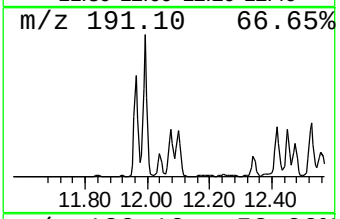


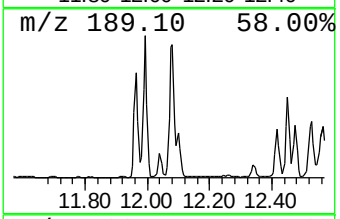


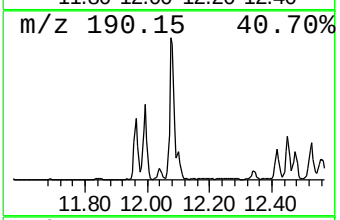


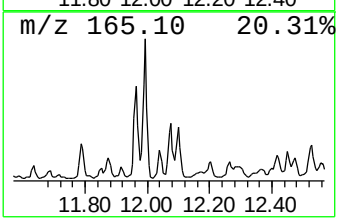












Library Search Compound Report

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Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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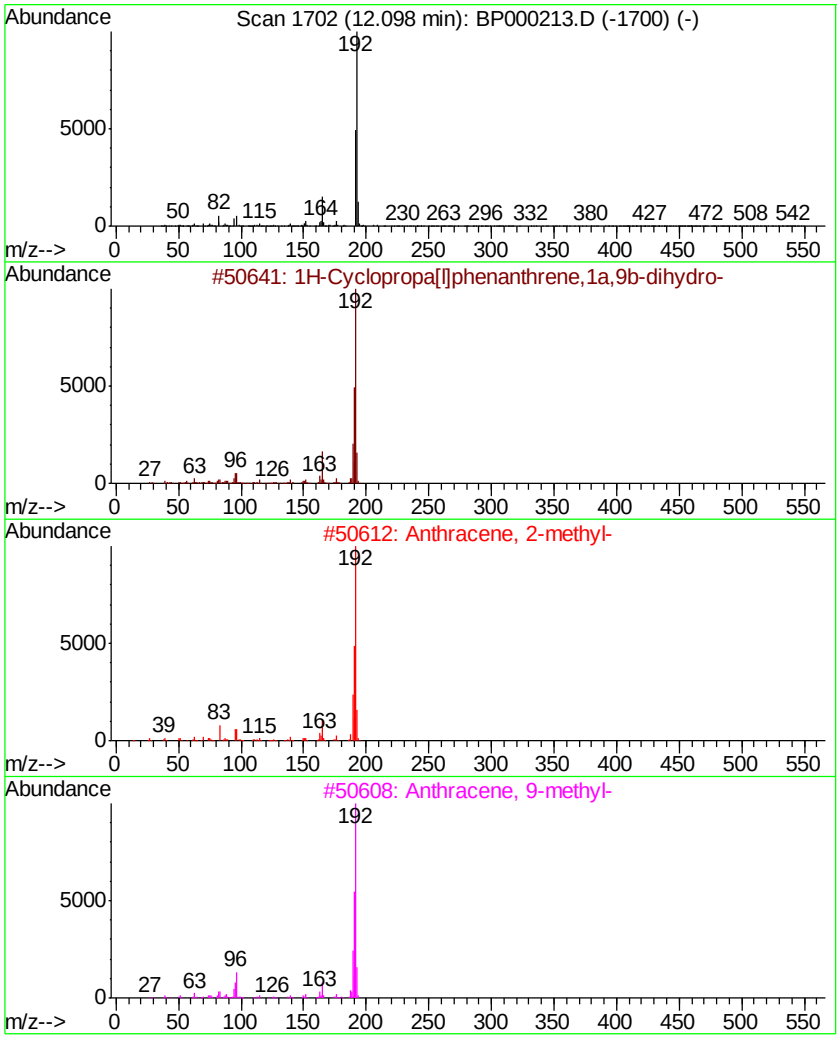
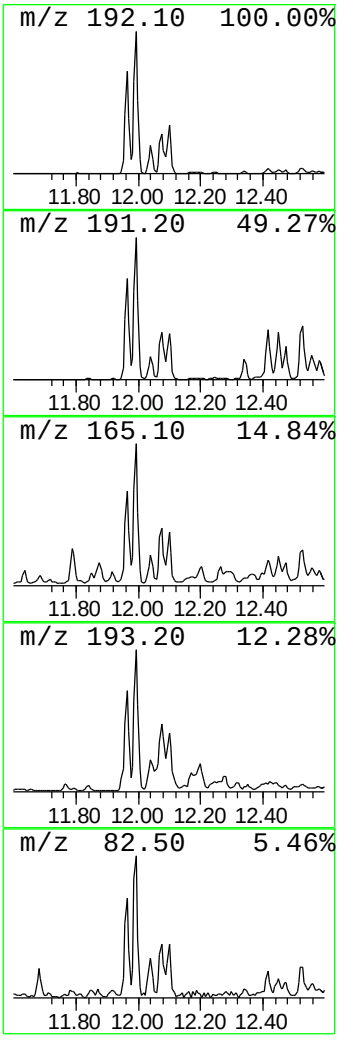
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.90 ng/ul	418051	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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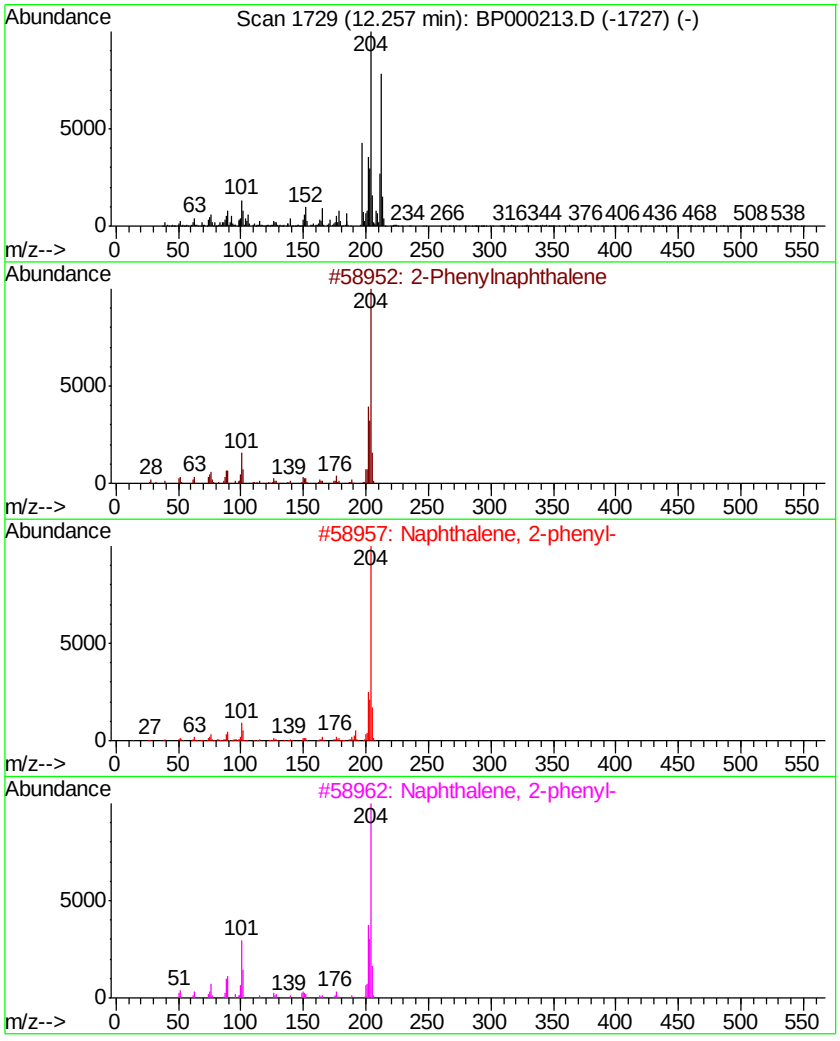
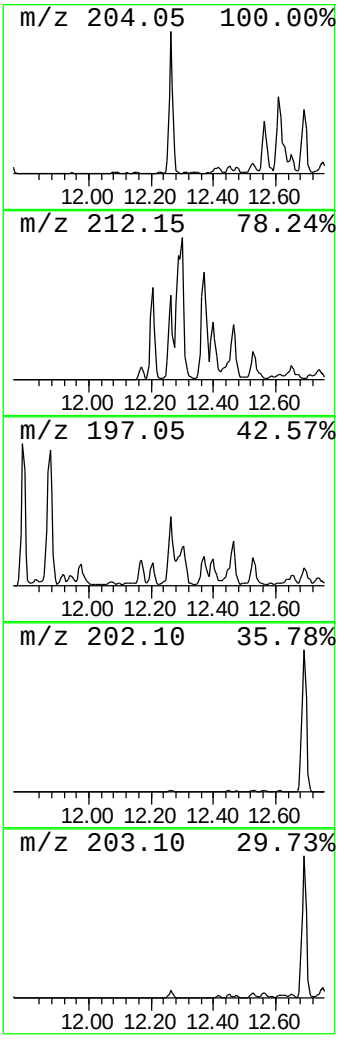
Peak Number 6 2-Phenylnaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.57 ng/ul	370957	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	49
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	49





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Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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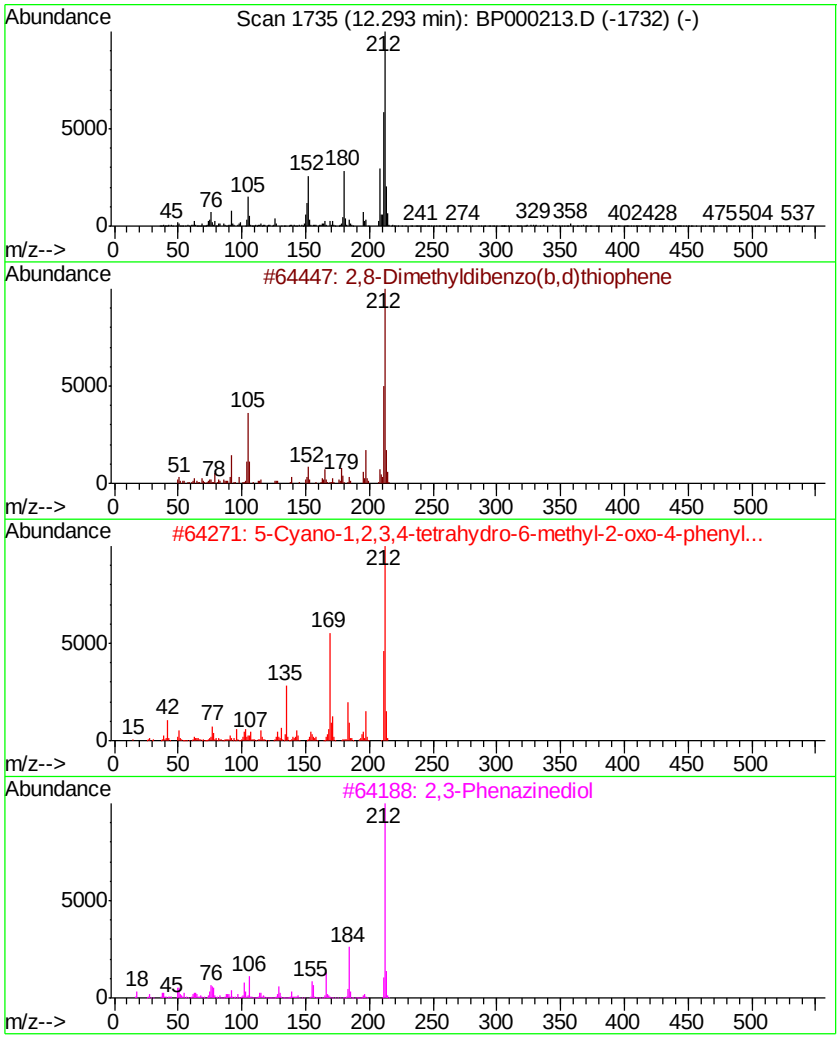
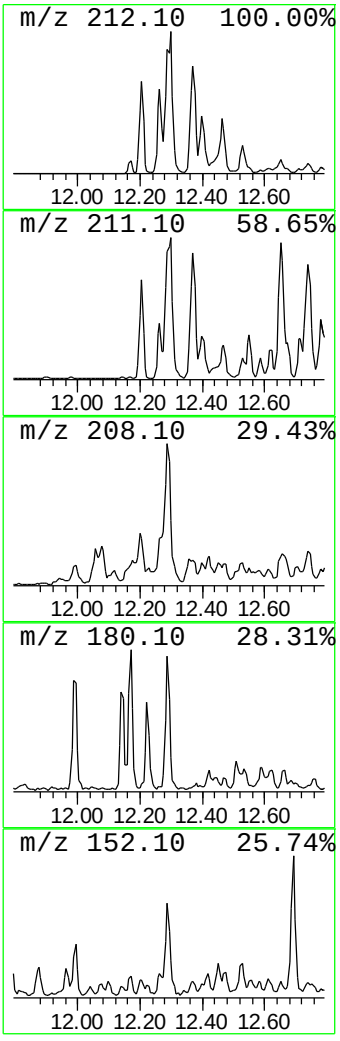
Peak Number 7 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.58 ng/ul	515920	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	49
2	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	32
3	2,3-Phenazinediol	212	C12H8N2O2	019220-18-9	27
4	9H-Xanthene-9-thione	212	C13H8OS	000492-21-7	27
5	Benzaldehyde, 3-(4-methylphenoxy)-	212	C14H12O2	079124-75-7	27





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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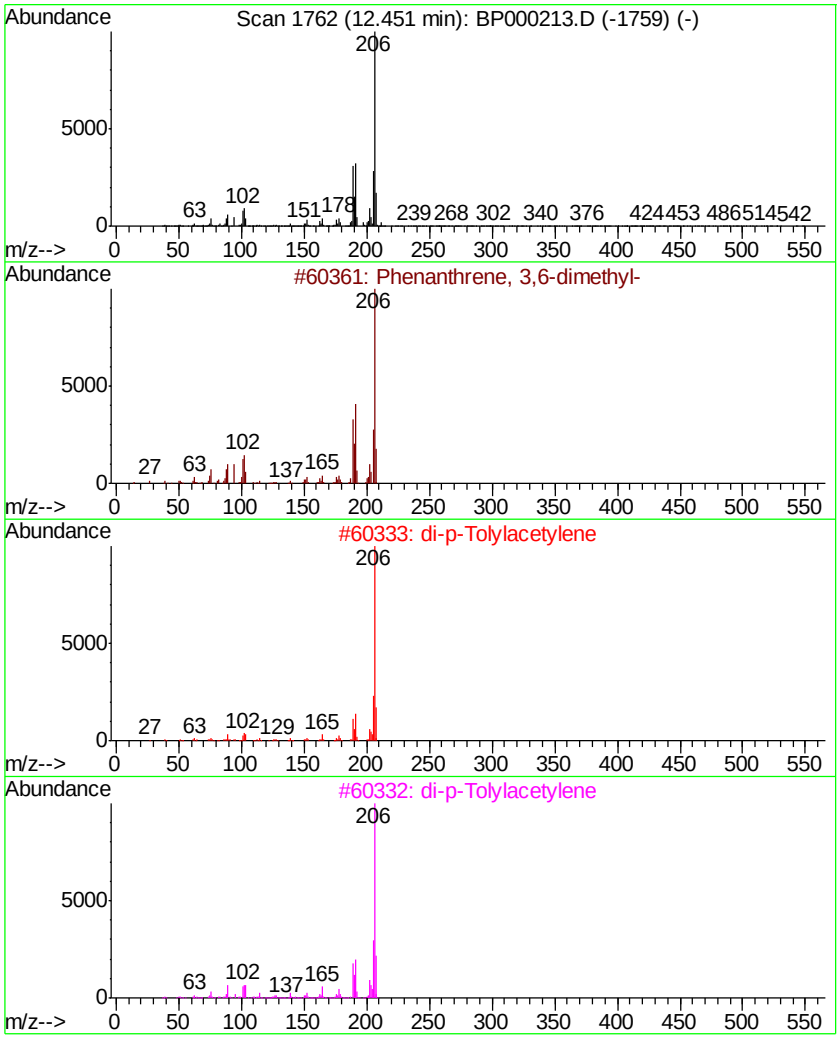
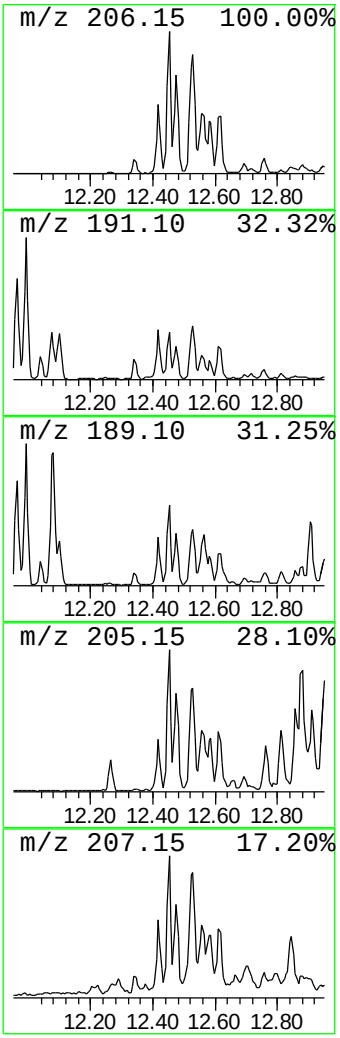
Peak Number 9 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.01 ng/ul	722709	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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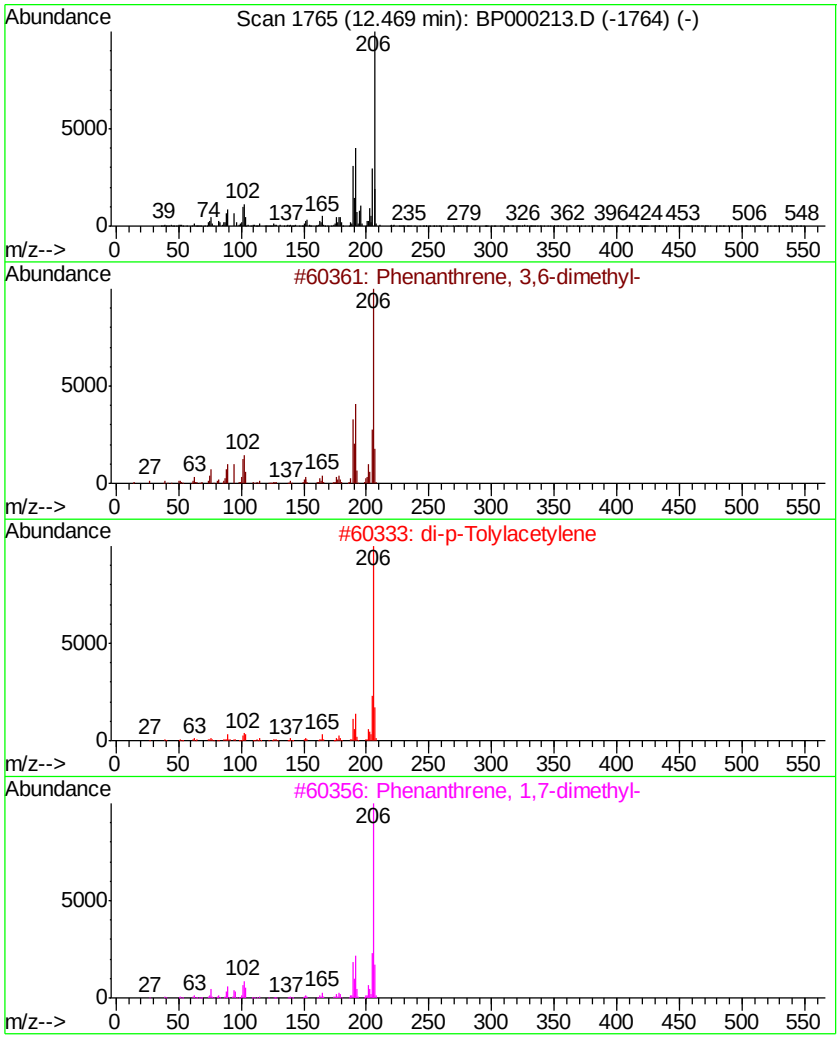
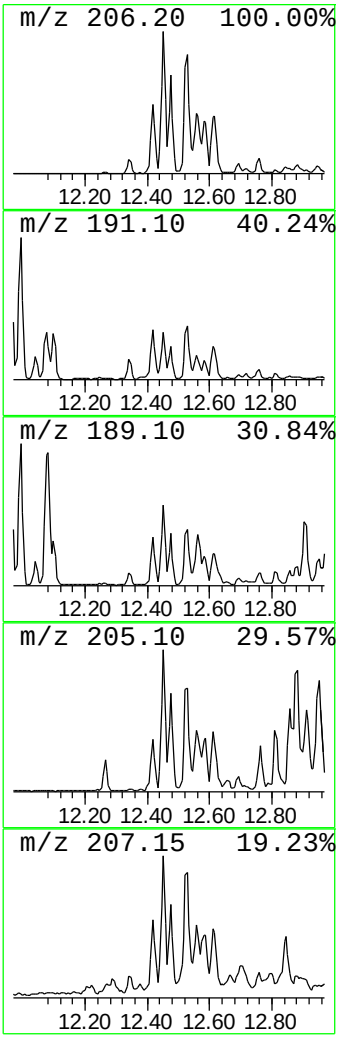
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.63 ng/ul	523480	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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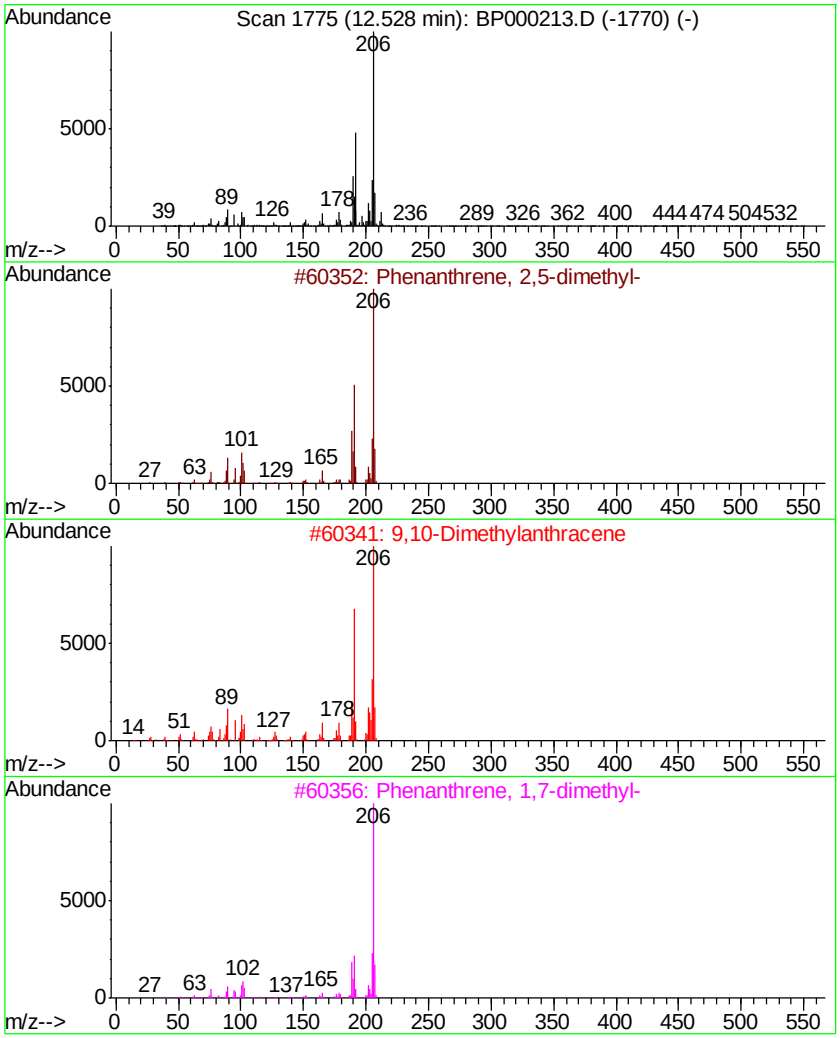
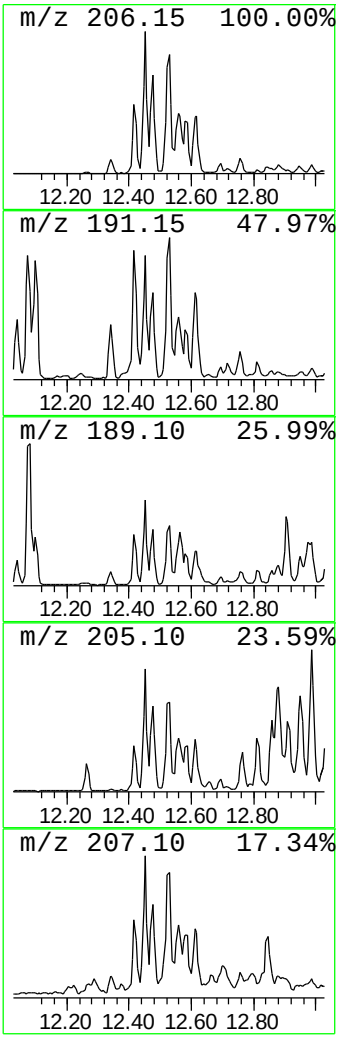
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	6.96 ng/ul	1004040	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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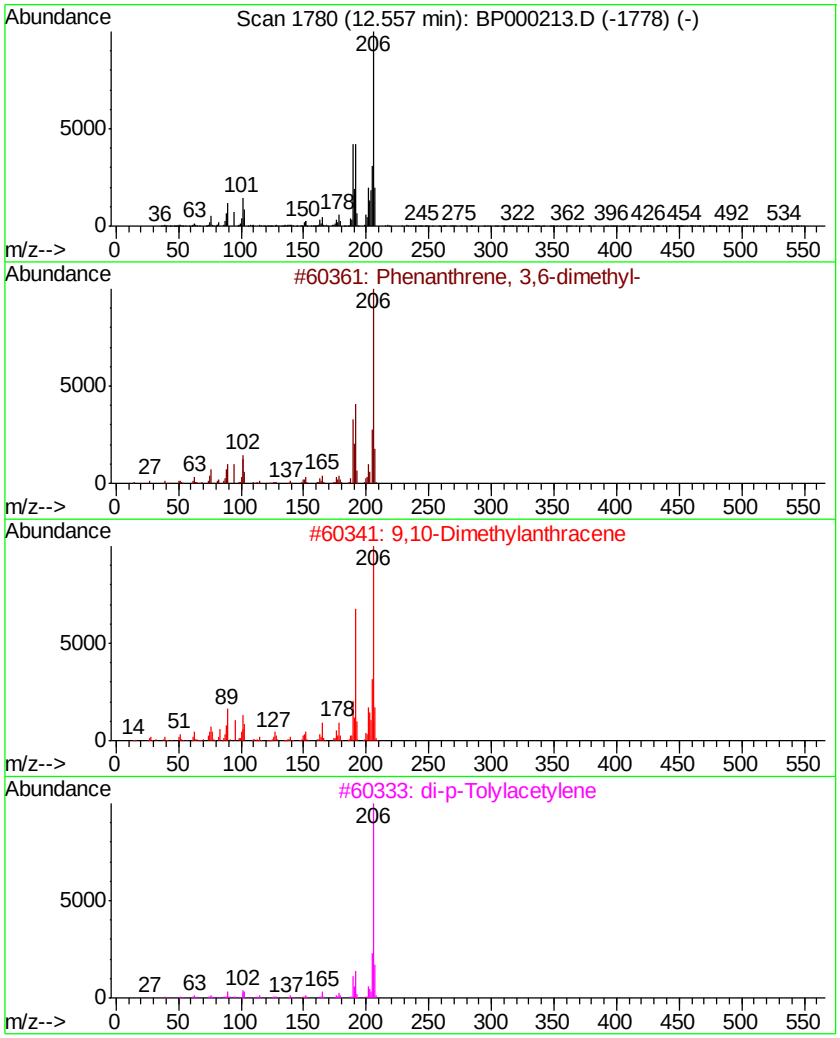
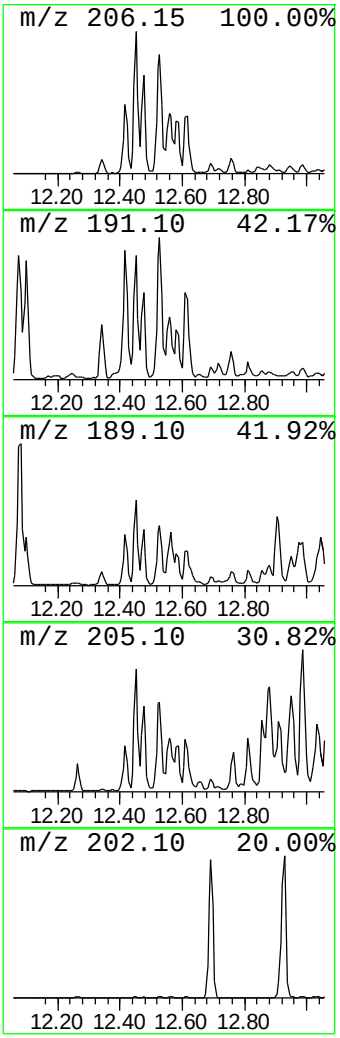
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.01 ng/ul	290458	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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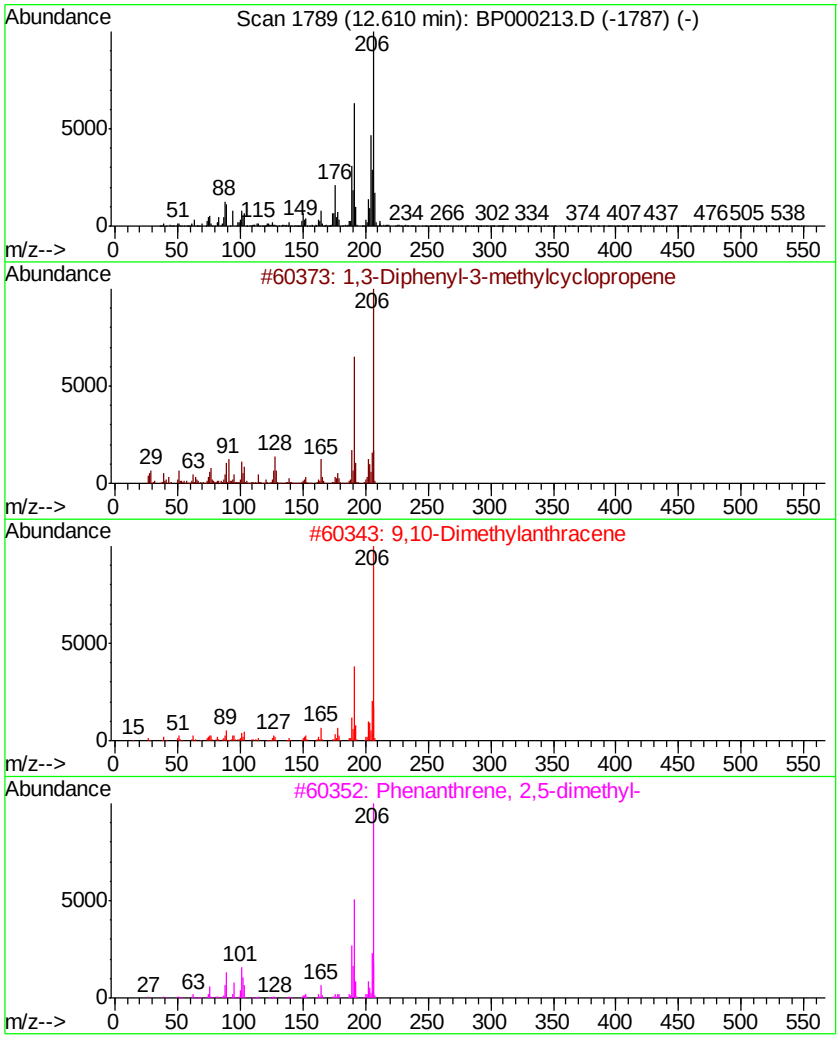
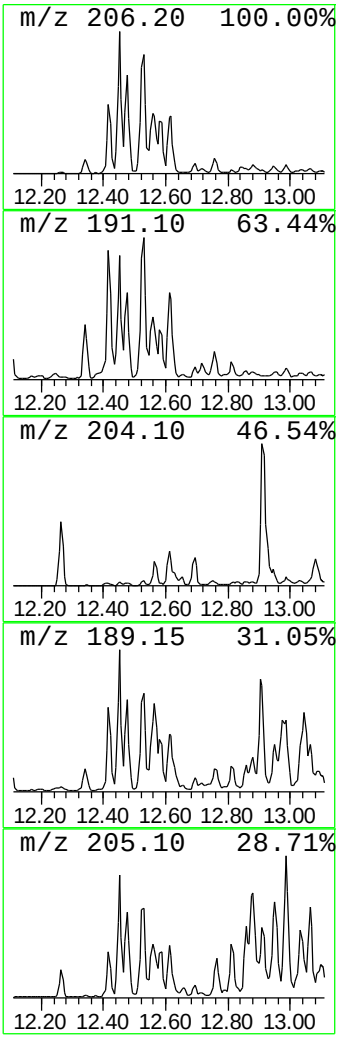
Peak Number 13 1,3-Diphenyl-3-methylcyclop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.56 ng/ul	514168	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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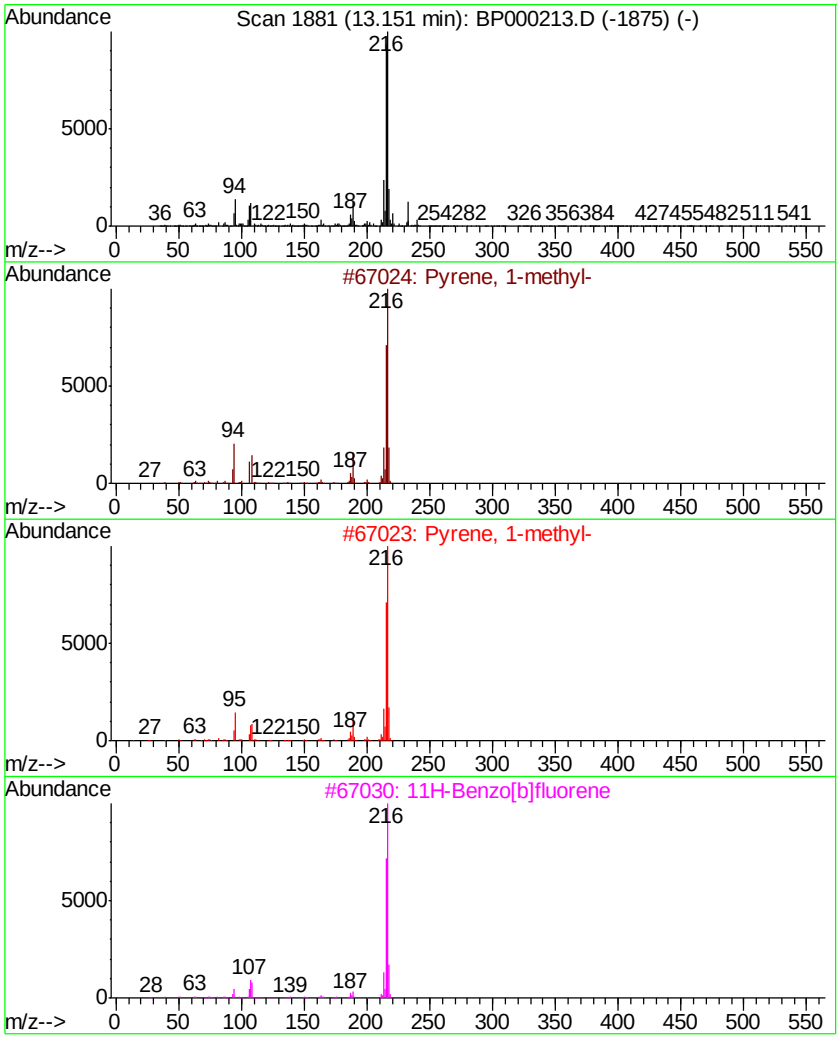
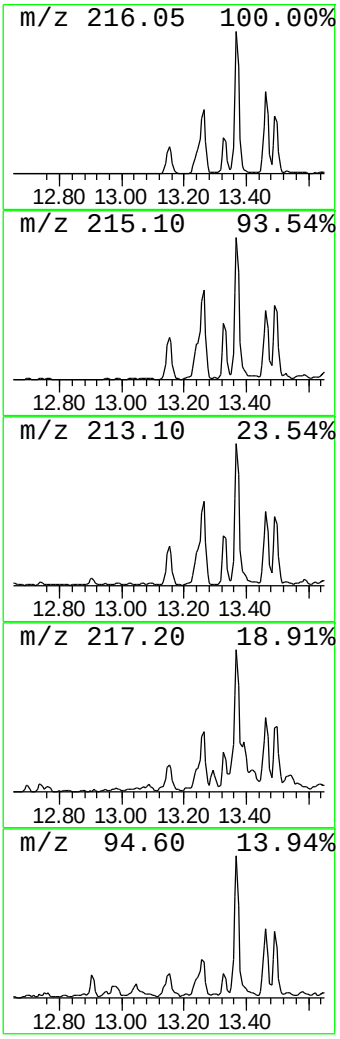
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.03 ng/ul	1007140	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.03 ng/ul	1998140	Chrysene-d12	14.16

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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
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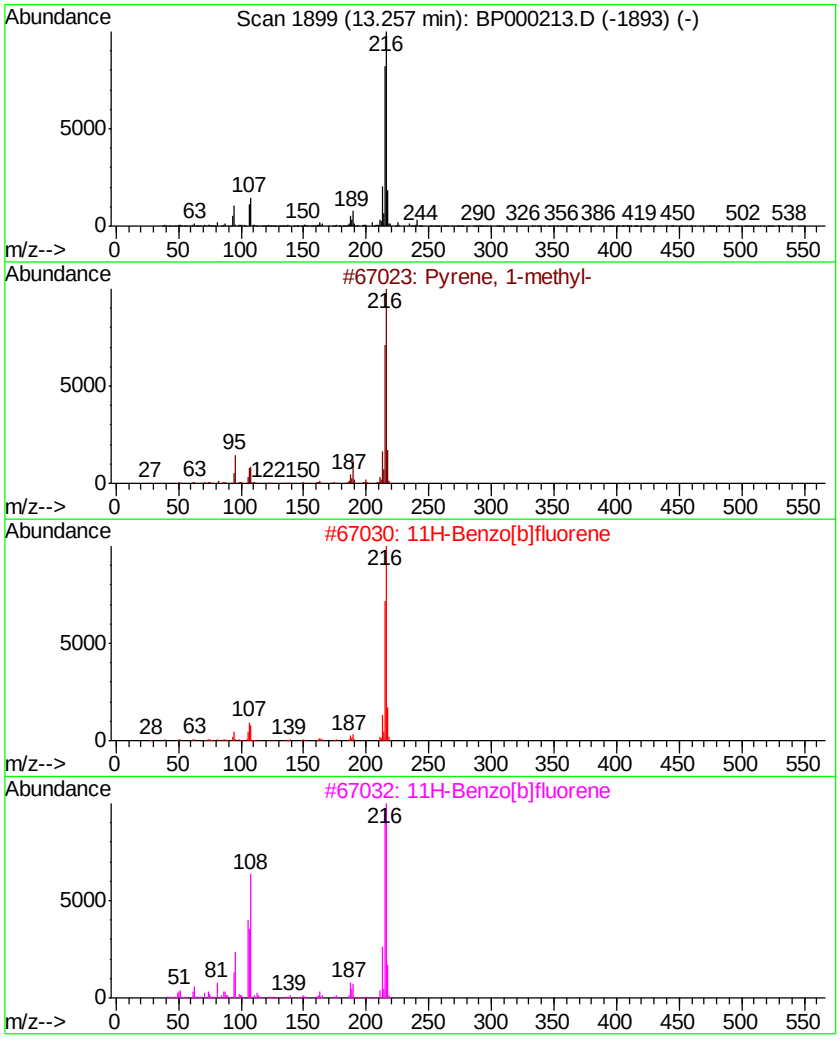

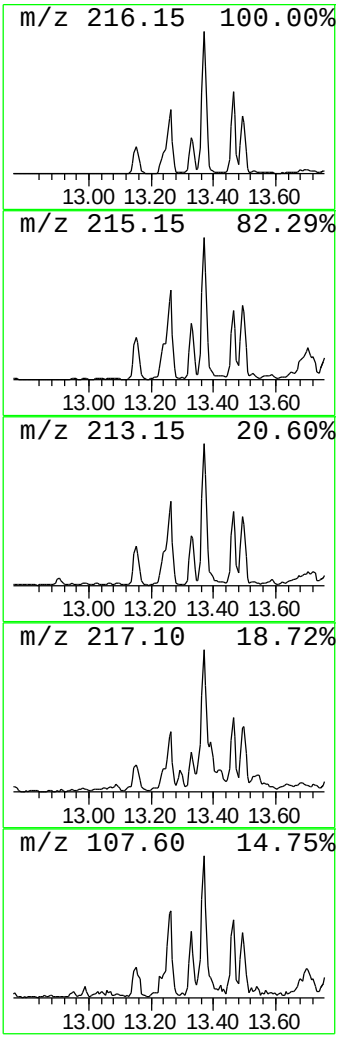

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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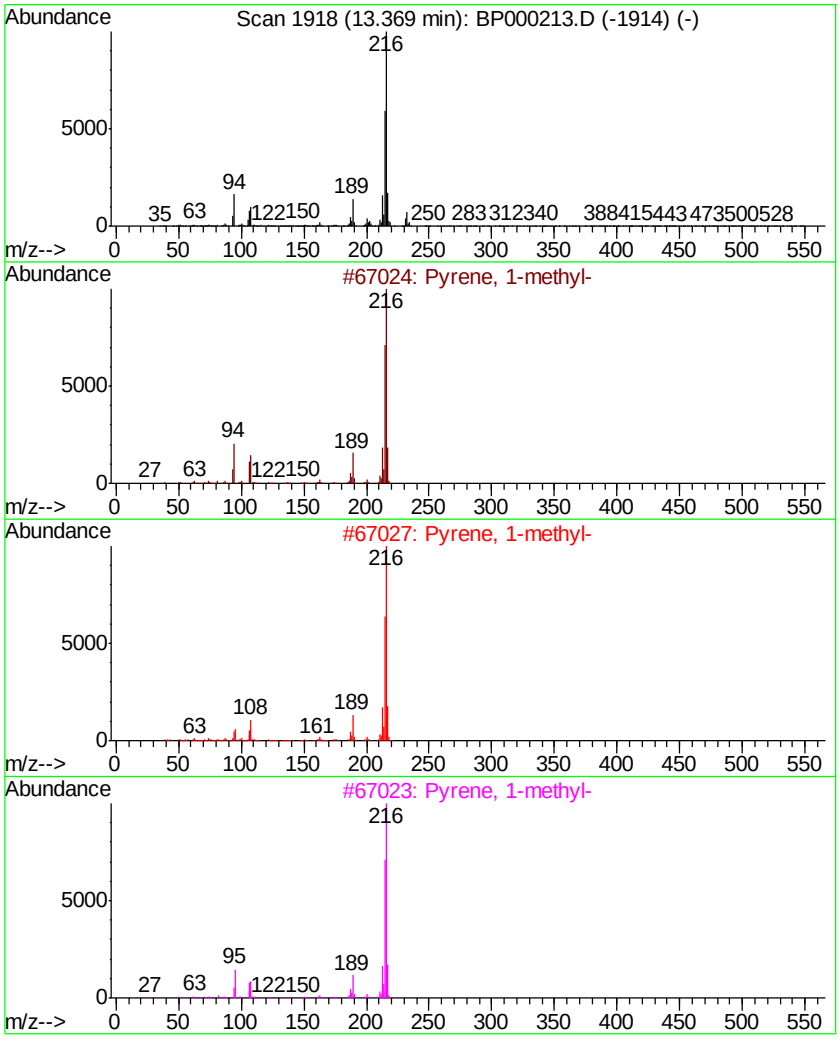
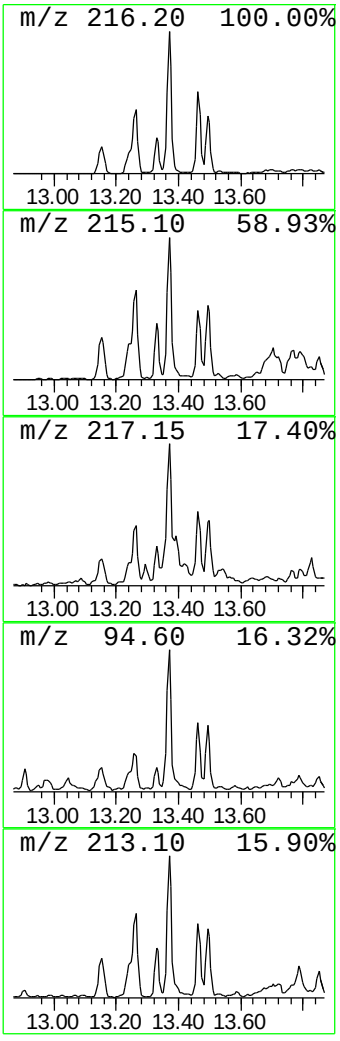
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.78 ng/ul	3363410	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94





Library Search Compound Report

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Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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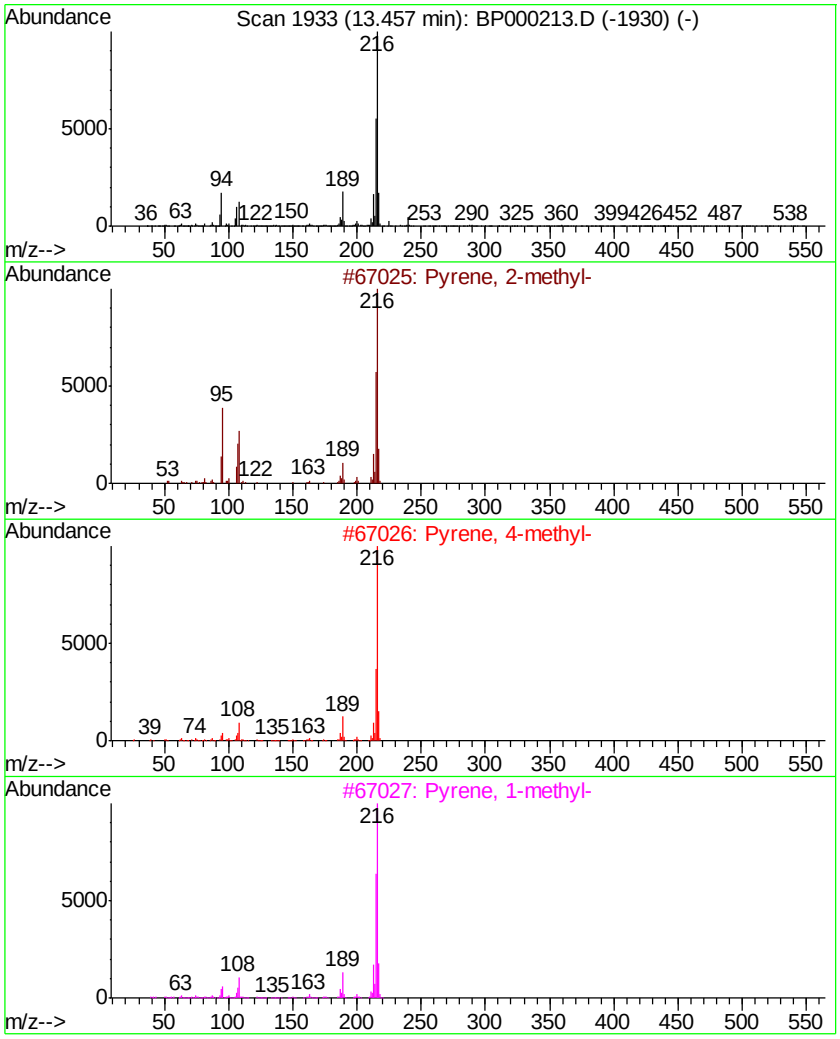
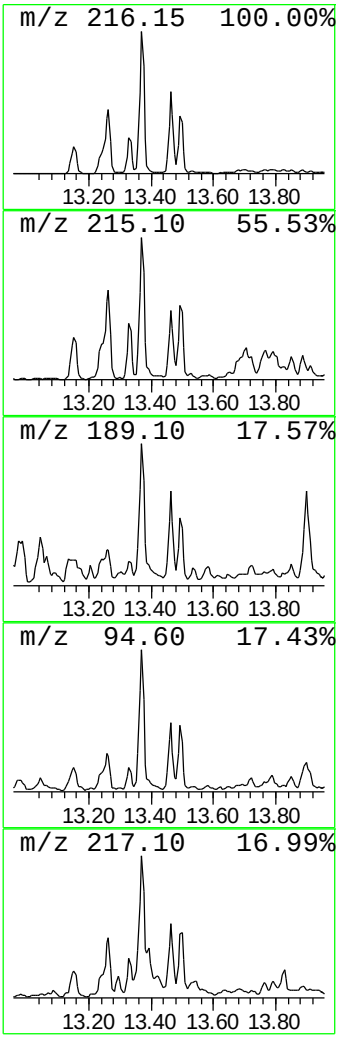
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.90 ng/ul	1439320	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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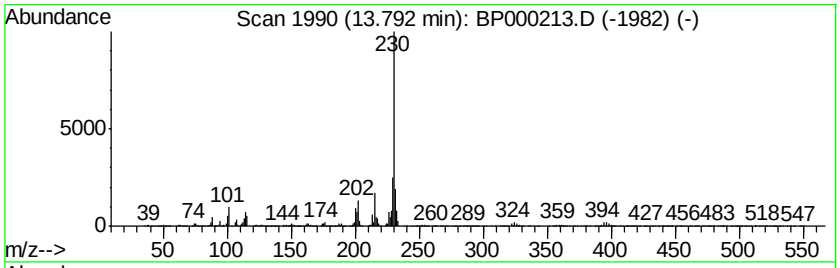
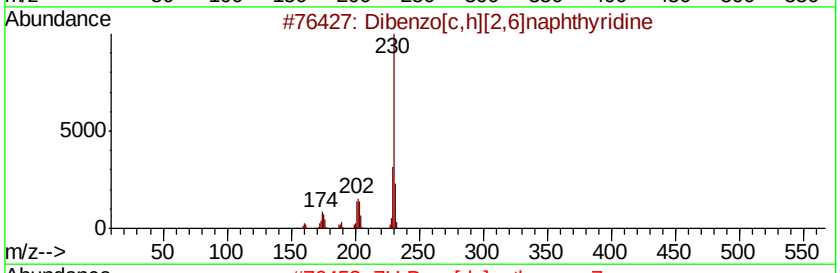
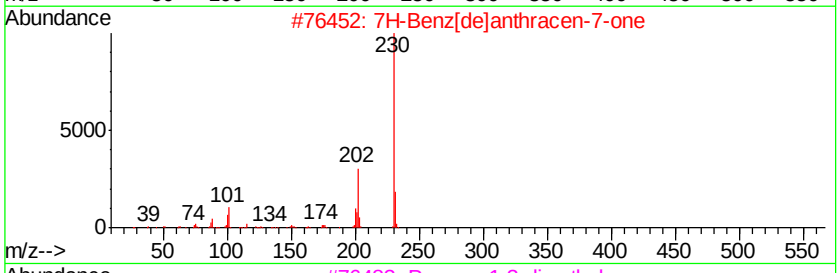
Peak Number 19 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 16

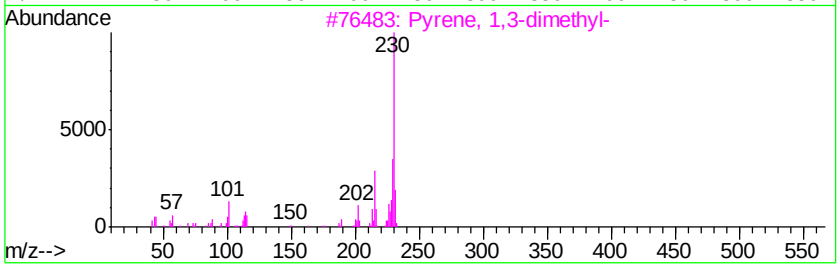
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.18 ng/ul	2073320	Chrysene-d12	14.16

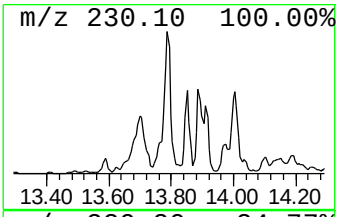
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	72
4	2-Norbornene, 7-methoxy-7-(p-met...	230	C15H18O2	027999-78-6	64
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	59

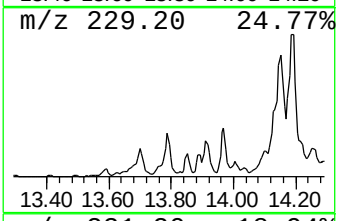


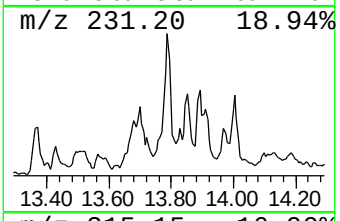


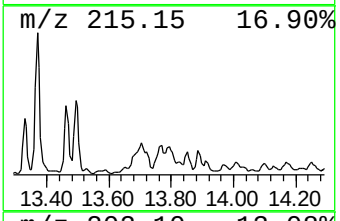


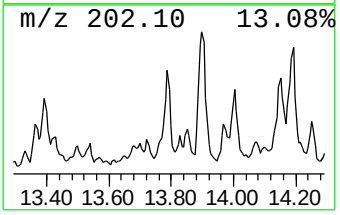












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Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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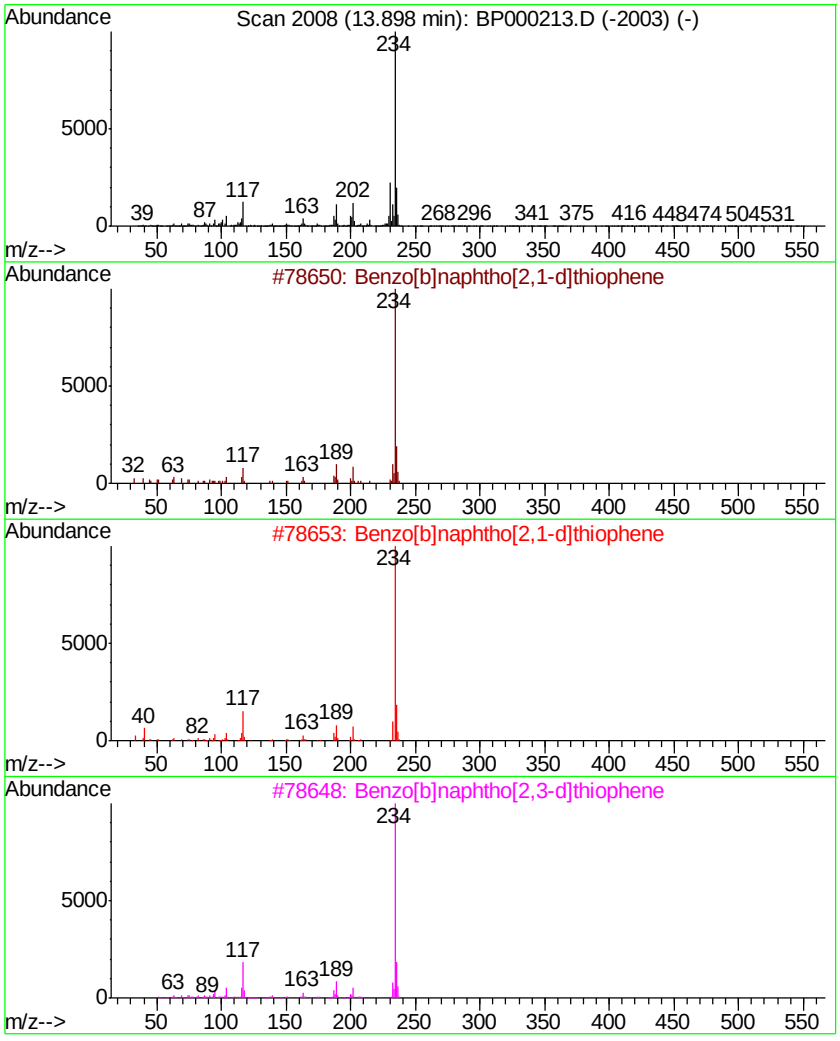
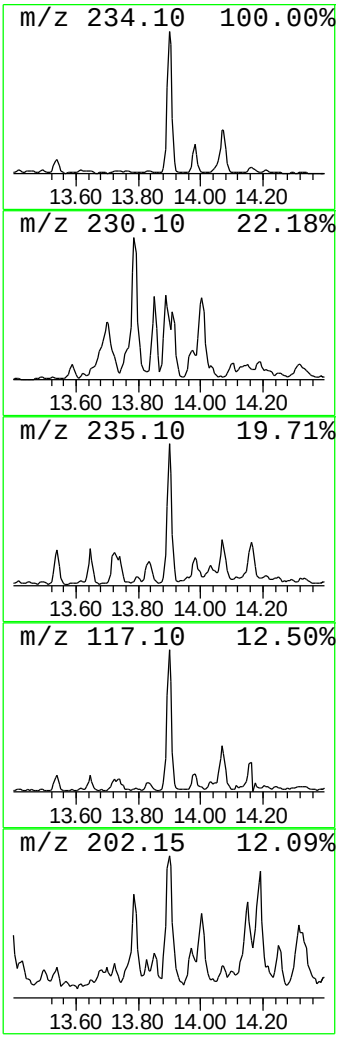
Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.04 ng/ul	3987530	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81





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Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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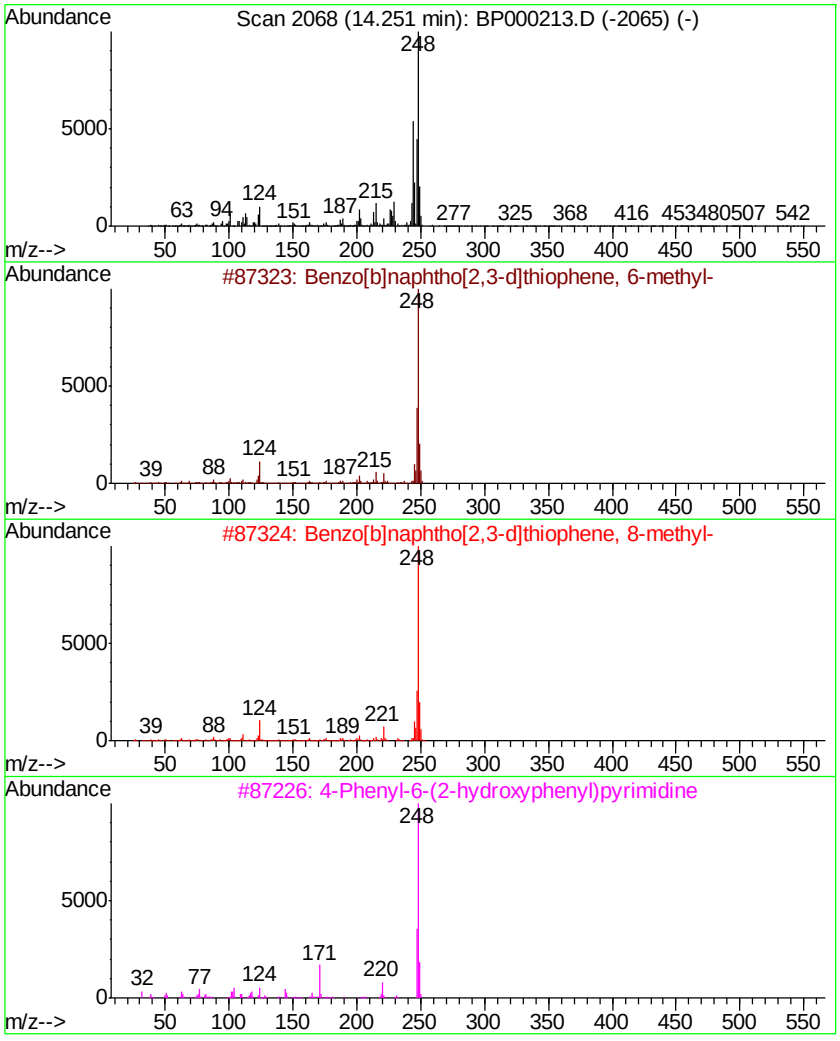
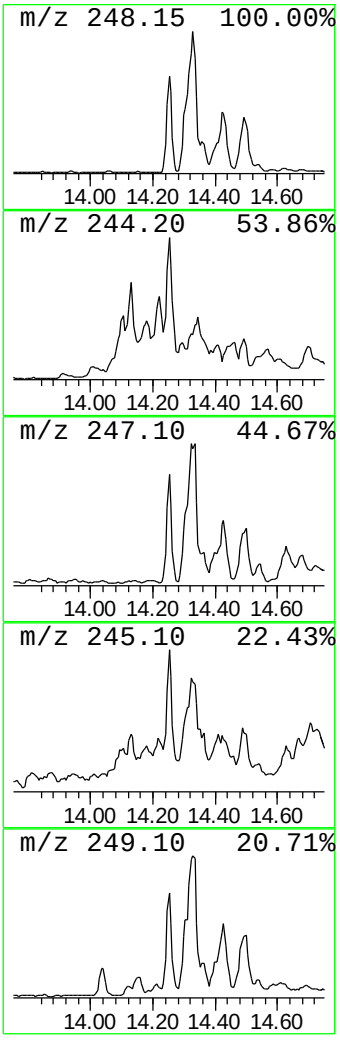
Peak Number 21 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.18 ng/ul	1575090	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	70
2	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-07-6	47
3	4-Phenyl-6-(2-hydroxyphenyl)pyri...	248	C16H12N2O	037473-11-3	47
4	4,8-Dichlorobenzo[h]-1,6-naphthy...	248	C12H6Cl2N2	1000254-60-4	35
5	1,1'-Biphenyl, 2-fluoro-2'-hydro...	248	C14H13FO3	095881-16-6	35





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Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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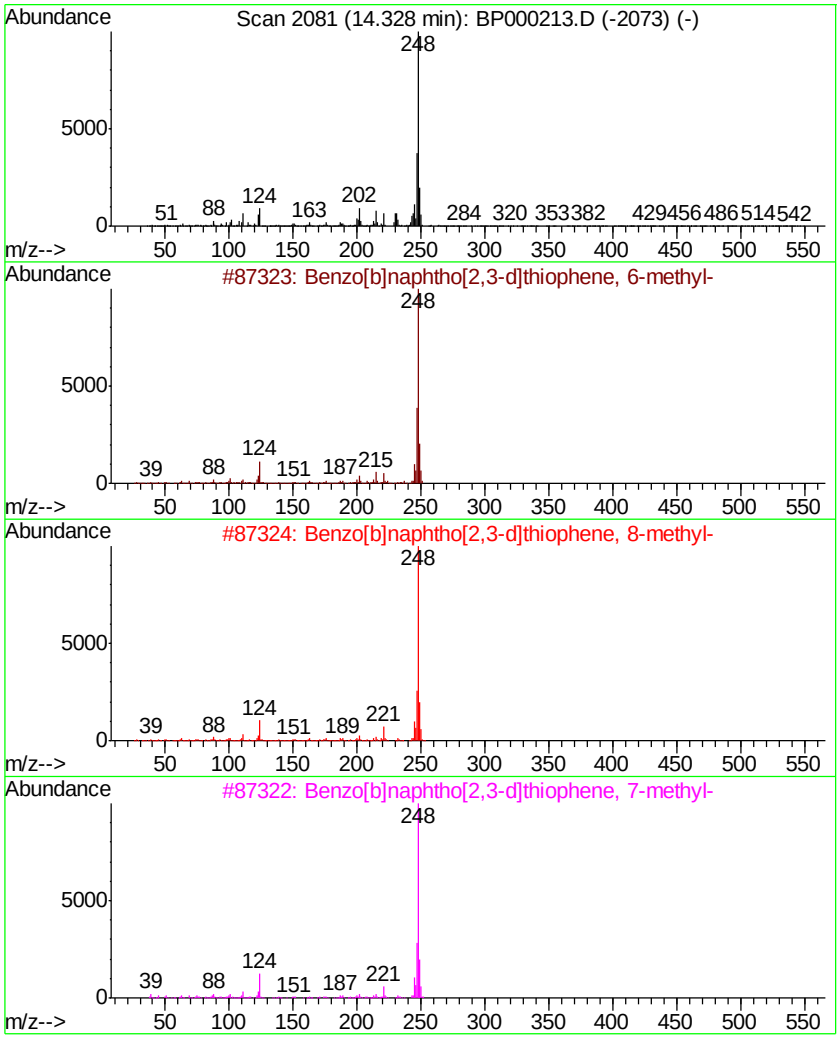
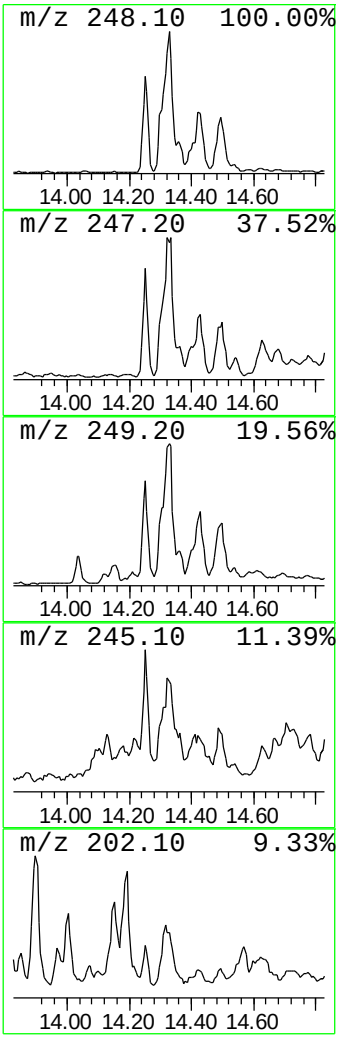
Peak Number 22 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.23 ng/ul	2594120	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	93
2	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-07-6	90
3	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-09-8	80
4	Pyrazolo[1,5-a]pyrimidine-6-carb...	248	C15H12N4	250646-38-9	64
5	4-Phenyl-6-(2-hydroxyphenyl)pyri...	248	C16H12N2O	037473-11-3	59





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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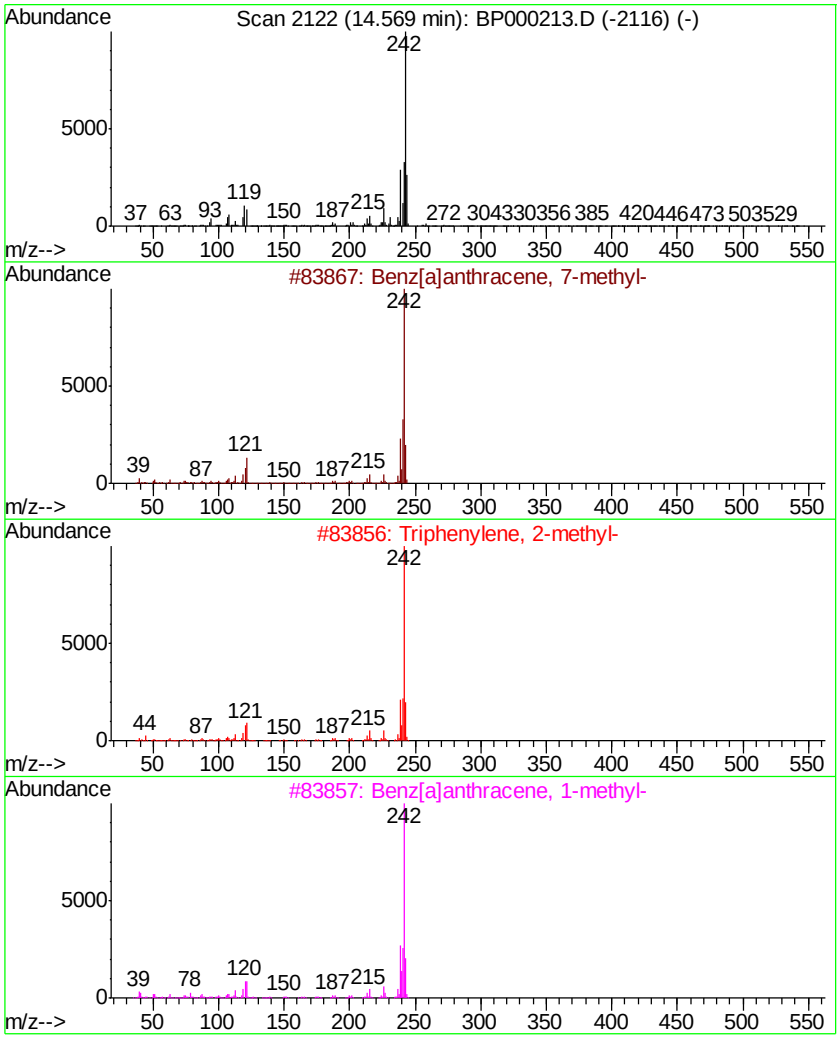
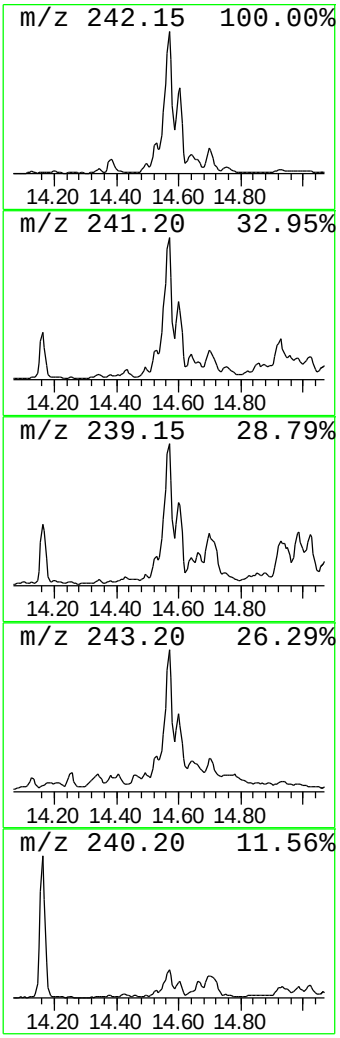
Peak Number 23 Benz[a]anthracene, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	10.35 ng/ul	5134830	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89





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Misc :
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ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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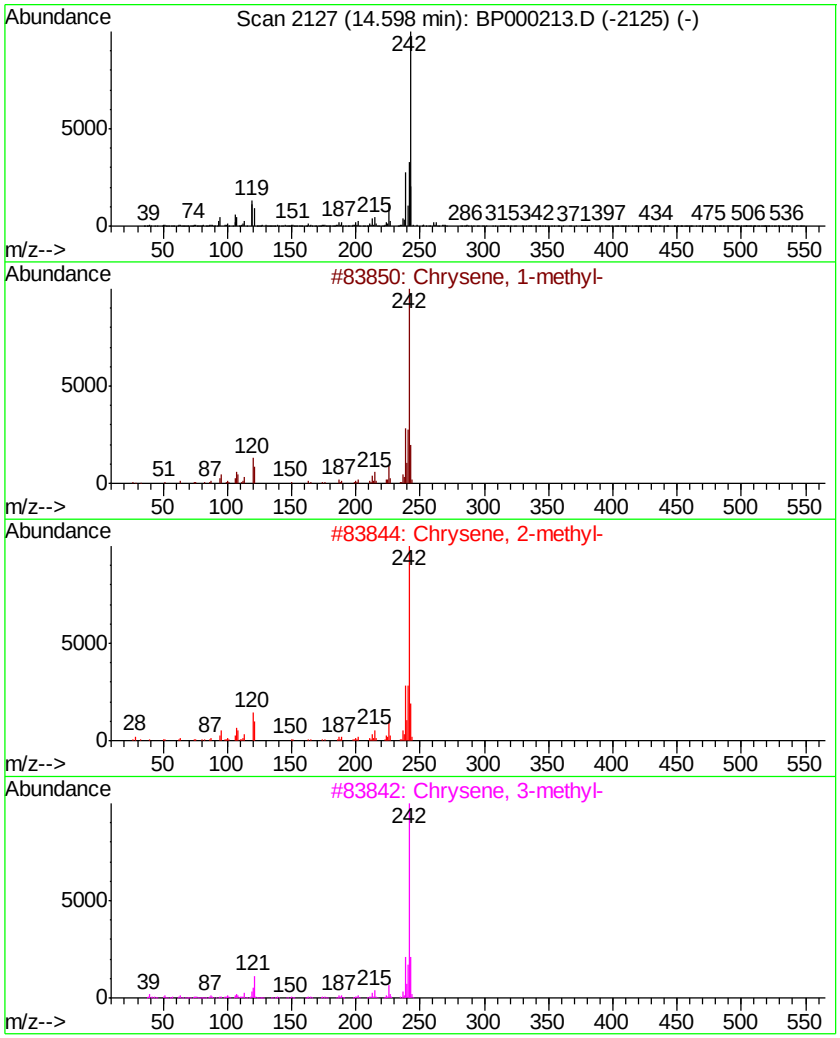
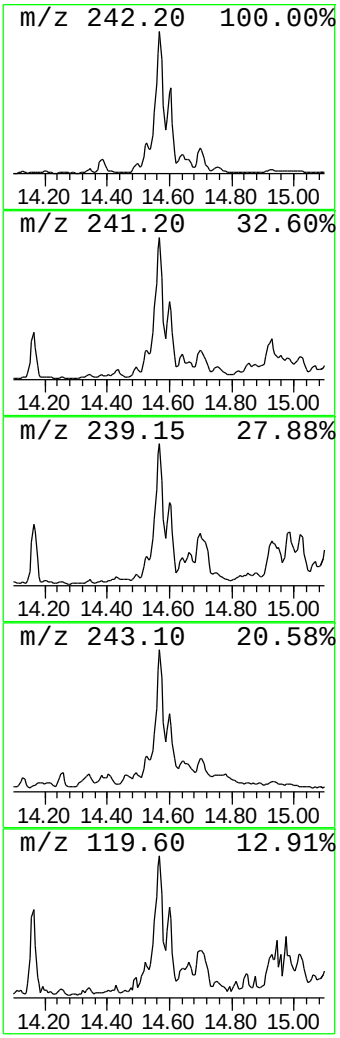
Peak Number 24 Chrysene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.27 ng/ul	1620250	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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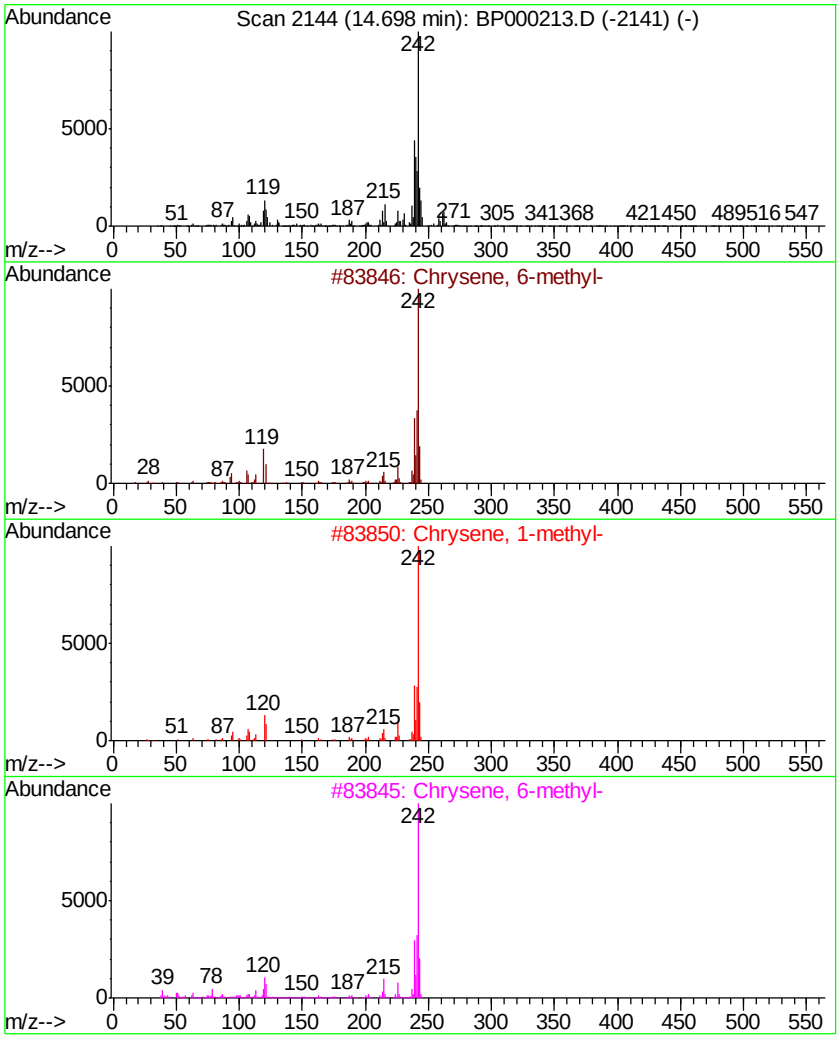
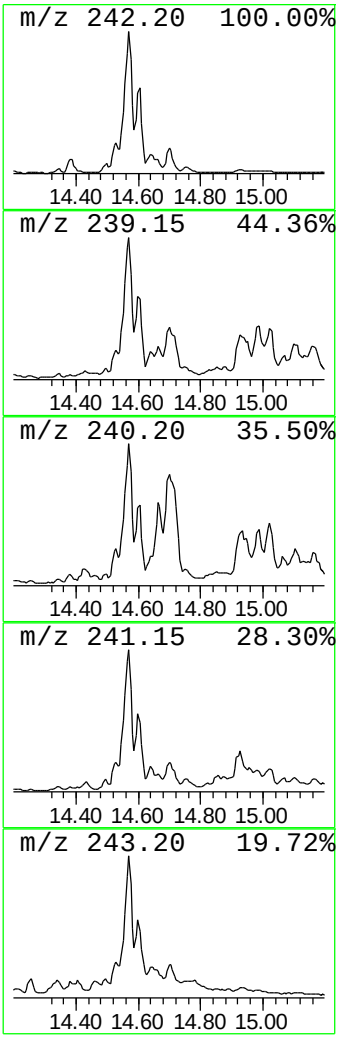
Peak Number 25 Chrysene, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.93 ng/ul	1949050	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	55
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	55
4	Chrysene, 2-methyl-	242	C19H14	003351-32-4	55
5	Bicyclo[4.1.0]hepta-1,3,5-triene...	242	C19H14	052750-12-6	46





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Instrument : BNA_P
ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 26 Benz[a]anthracene, 1,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	4.46 ng/ul	2211560	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	94
2	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	93
3	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	91
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	90
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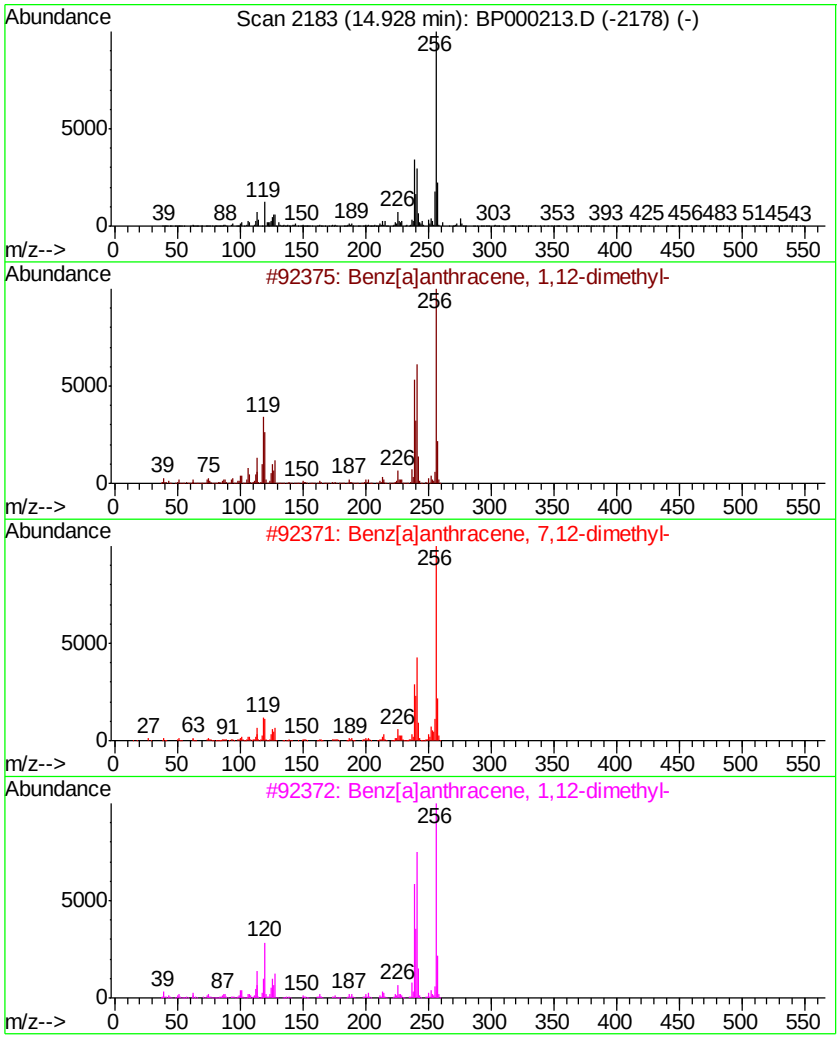

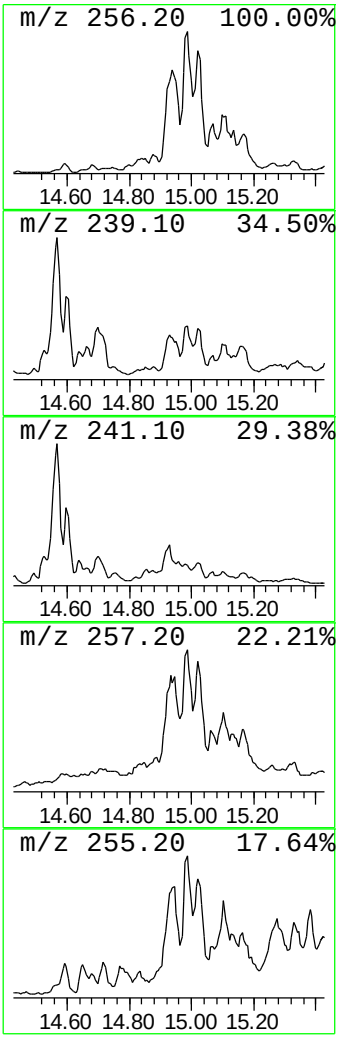

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ClientSampleId : F2D05

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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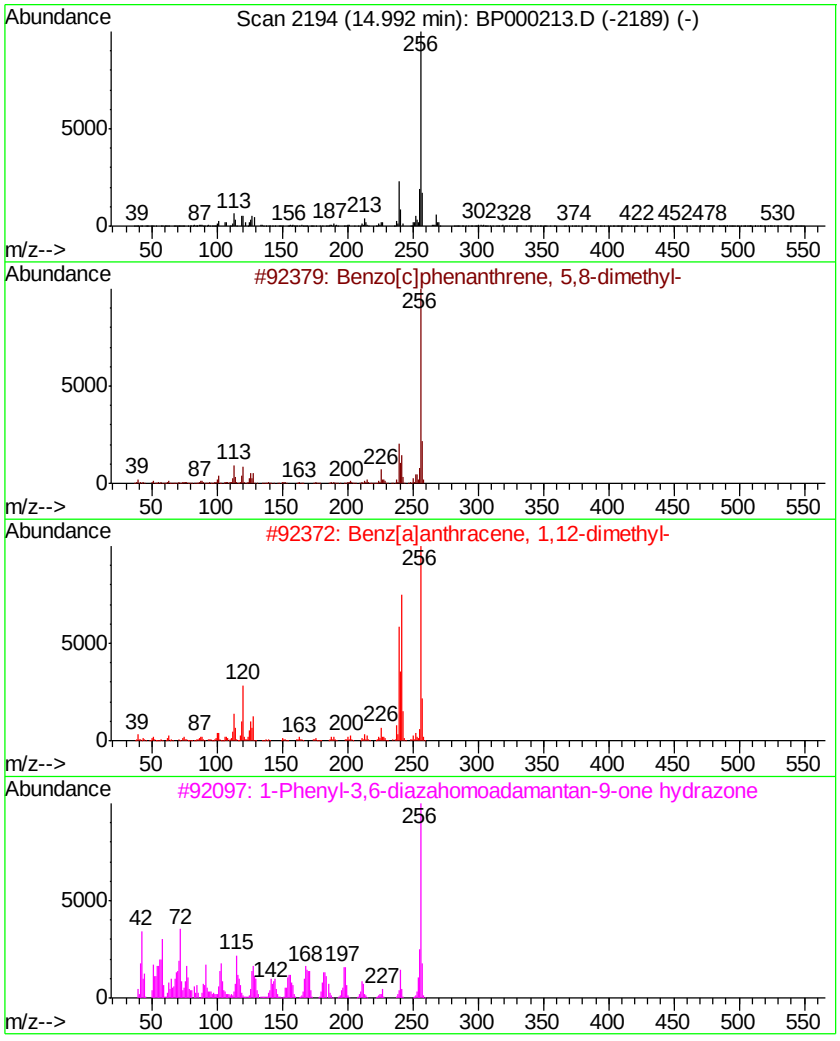
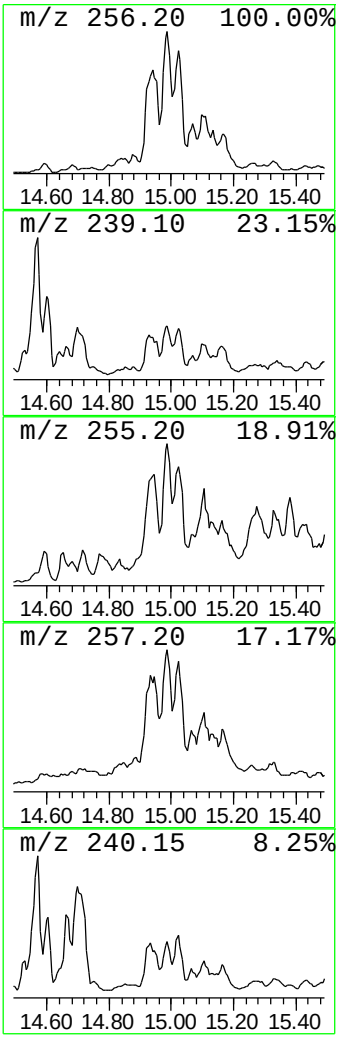
Peak Number 27 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	23.74 ng/ul	1441040	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	91
2	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	59
3	1-Phenyl-3,6-diazahomoadamantan-...	256	C15H20N4	1000216-29-0	59
4	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	59
5	N-Phenyl-N'-(3,4-dimethoxybenzyl...	256	C15H16N2O2	055754-32-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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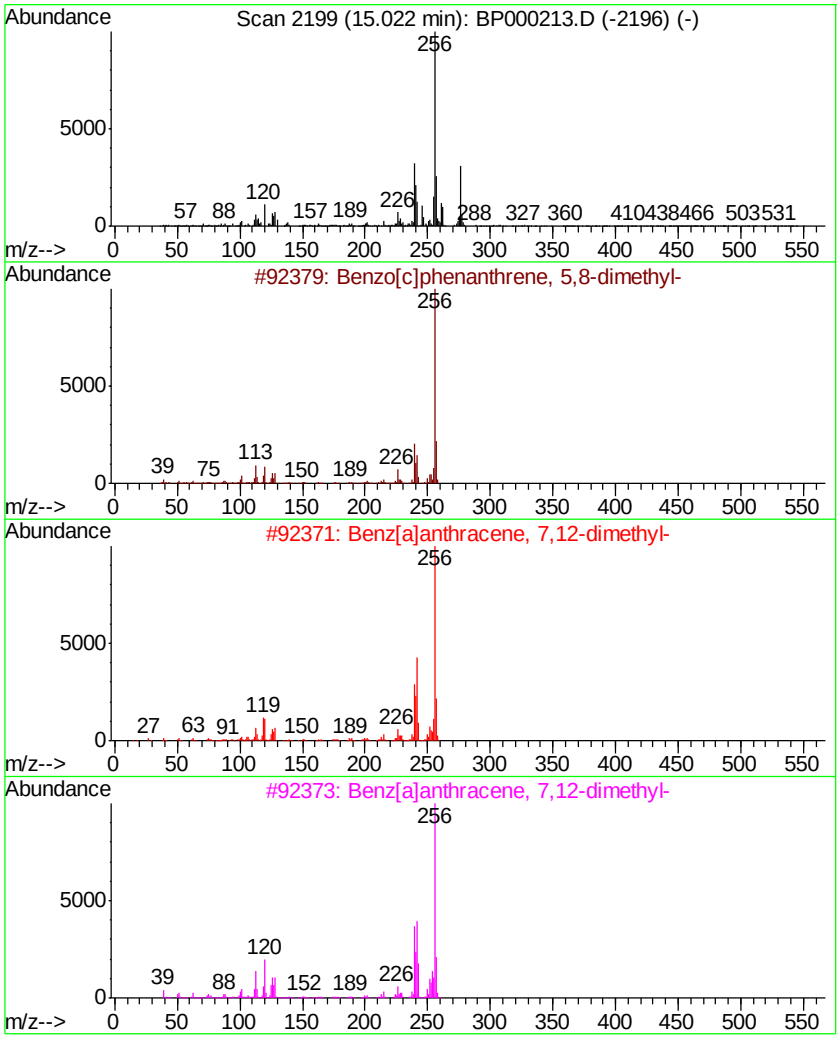
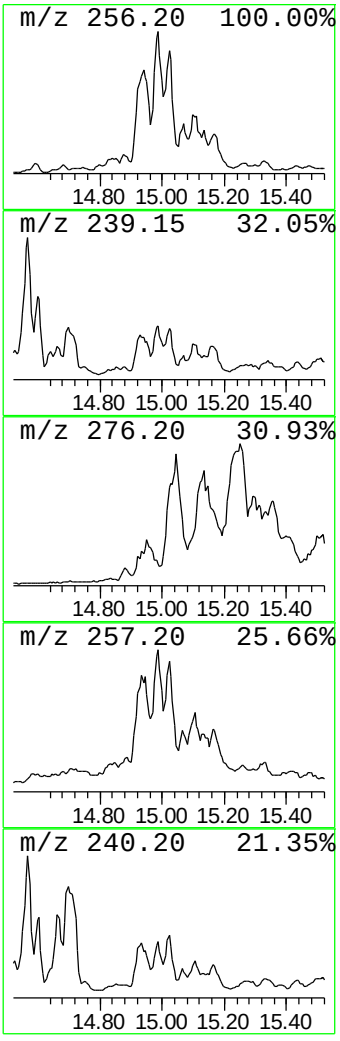
Peak Number 28 Benz[a]anthracene, 7,12-dim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	25.03 ng/ul	1519130	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	78
2	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	70
3	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	62
4	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	58
5	3,4-Dihydro-1,1'-binaphthalene	256	C20H16	021039-44-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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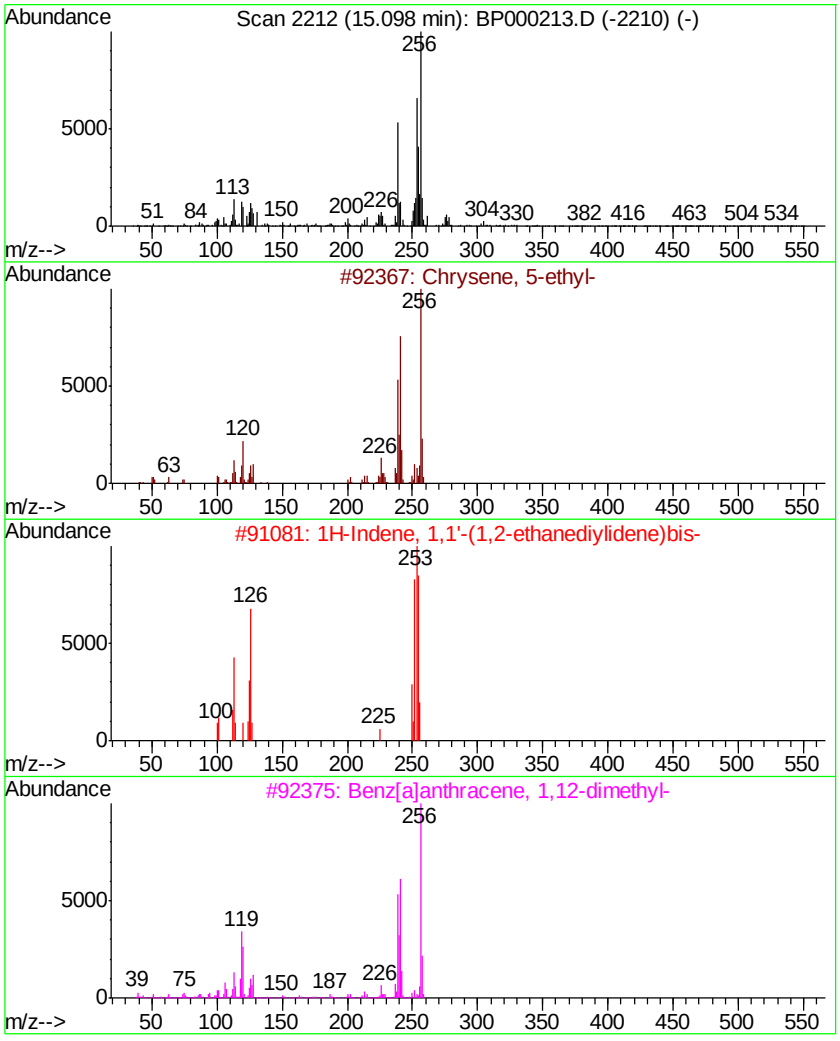
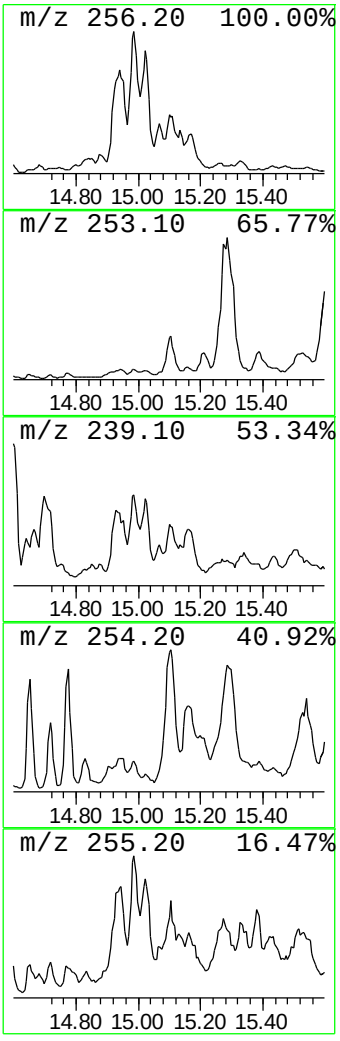
Peak Number 29 Chrysene, 5-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.15 ng/ul	676940	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	64
2	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	38
3	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	35
4	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	35
5	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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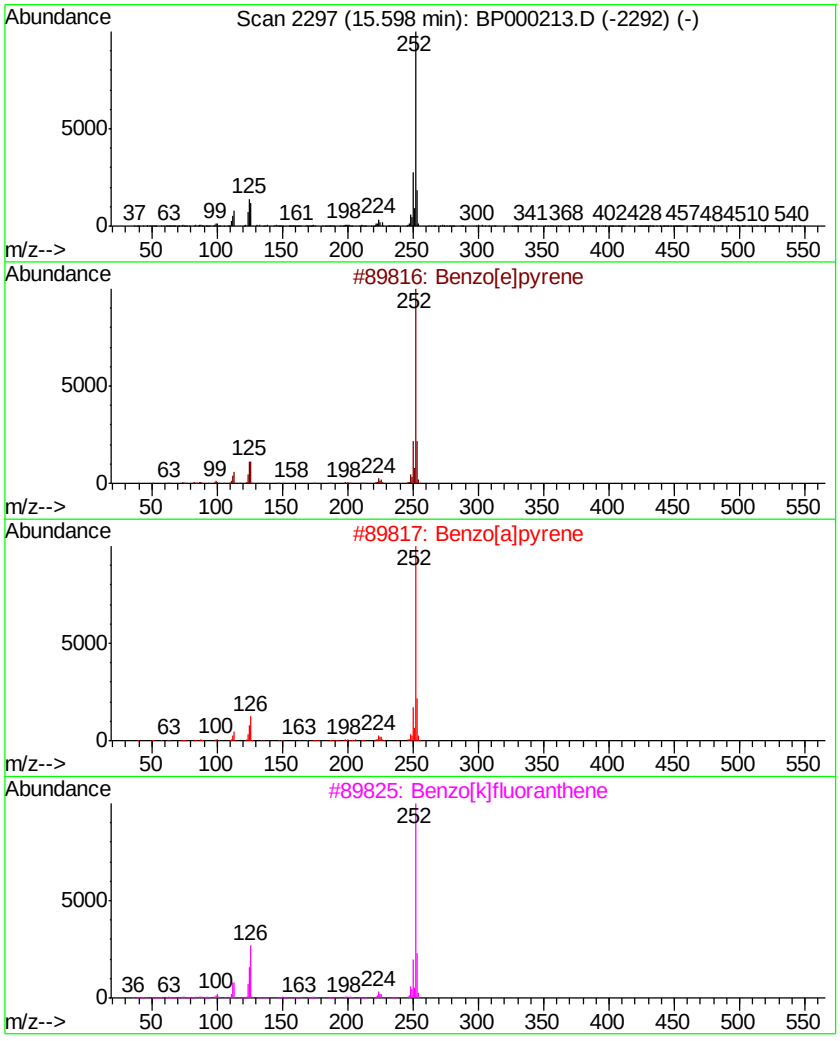
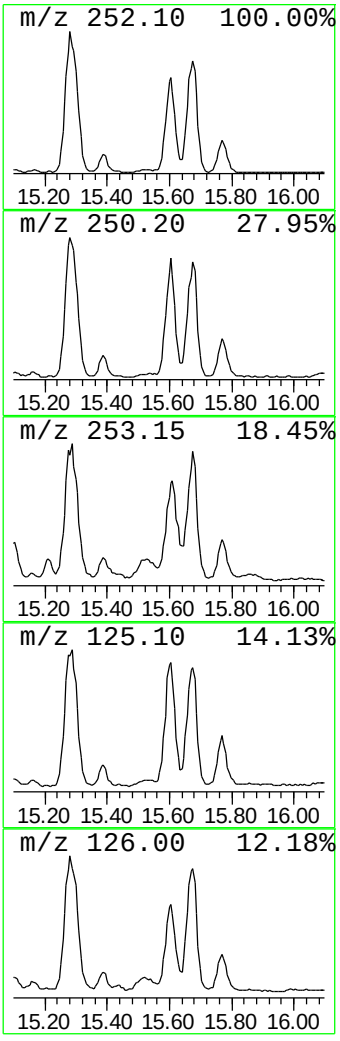
Peak Number 30 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	74.88 ng/ul	4545090	Perylene-d12	15.74

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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	4.9	ng/ul	444400	1	6.89	1812280	20.0
Phenanthrene, 2-m...	11.96	6.5	ng/ul	940437	4	11.45	2885170	20.0
Phenanthrene, 1-m...	11.99	9.3	ng/ul	1342690	4	11.45	2885170	20.0
4H-Cyclopenta[def...	12.07	5.3	ng/ul	762766	4	11.45	2885170	20.0
1H-Cyclopropa[l]p...	12.10	2.9	ng/ul	418051	4	11.45	2885170	20.0
2-Phenylnaphthalene	12.26	2.6	ng/ul	370957	4	11.45	2885170	20.0
unknown-01	12.29	3.6	ng/ul	515920	4	11.45	2885170	20.0
di-p-Tolylacetylene	12.45	5.0	ng/ul	722709	4	11.45	2885170	20.0
Phenanthrene, 3,6...	12.47	3.6	ng/ul	523480	4	11.45	2885170	20.0
Phenanthrene, 2,5...	12.53	7.0	ng/ul	1004040	4	11.45	2885170	20.0
9,10-Dimethylanth...	12.56	2.0	ng/ul	290458	4	11.45	2885170	20.0
1,3-Diphenyl-3-me...	12.61	3.6	ng/ul	514168	4	11.45	2885170	20.0
Pyrene, 1-methyl-	13.15	2.0	ng/ul	1007140	5	14.16	9920020	20.0
11H-Benzo[b]fluorene	13.26	4.0	ng/ul	1998140	5	14.16	9920020	20.0
Pyrene, 4-methyl-	13.37	6.8	ng/ul	3363410	5	14.16	9920020	20.0
Pyrene, 2-methyl-	13.46	2.9	ng/ul	1439320	5	14.16	9920020	20.0
Dibenzo[c,h][2,6]...	13.79	4.2	ng/ul	2073320	5	14.16	9920020	20.0
Benzo[b]naphtho[2...	13.90	8.0	ng/ul	3987530	5	14.16	9920020	20.0
Benzo[b]naphtho[2...	14.25	3.2	ng/ul	1575090	5	14.16	9920020	20.0
Benzo[b]naphtho[2...	14.33	5.2	ng/ul	2594120	5	14.16	9920020	20.0
Benz[a]anthracene...	14.57	10.4	ng/ul	5134830	5	14.16	9920020	20.0
Chrysene, 1-methyl-	14.60	3.3	ng/ul	1620250	5	14.16	9920020	20.0
Chrysene, 6-methyl-	14.70	3.9	ng/ul	1949050	5	14.16	9920020	20.0
Benz[a]anthracene...	14.93	4.5	ng/ul	2211560	5	14.16	9920020	20.0
Benzo[c]phenanthr...	14.99	23.7	ng/ul	1441040	6	15.74	1214010	20.0
Benz[a]anthracene...	15.02	25.0	ng/ul	1519130	6	15.74	1214010	20.0
Chrysene, 5-ethyl-	15.10	11.2	ng/ul	676940	6	15.74	1214010	20.0
Benzo[e]pyrene	15.60	74.9	ng/ul	4545090	6	15.74	1214010	20.0