LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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	2.570	77	82	91	rVB	325927	452727	1.13%	0.113%
2	6.893	813	817	820	rBV	2094448	1589770	3.97%	0.396%
3	8.181	1032	1036	1038	rBV	2625912	2297640	5.74%	0.572%
4	8.205	1038	1040	1043	rVV	2102075	1532866	3.83%	0.382%
5	8.899	1154	1158	1162	rBV	1098449	899227	2.25%	0.224%
6	8.999	1170	1175	1179	rBV	695607	577297	1.44%	0.144%
7	9.369	1233	1238	1242	rBV	306749	283180	0.71%	0.071%
8	9.463	1248	1254	1260	rBV	363396	345993	0.86%	0.086%
9	9.534	1261	1266	1271	rBV2	377380	530037	1.32%	0.132%
10	9.611	1275	1279	1281	rBV	445980	437807	1.09%	0.109%
11	9.728	1296	1299	1305	rBV	292191	282635	0.71%	0.070%
12	9.958	1331	1338	1340	rBV	3084503	2907190	7.26%	0.724%
13	9.987	1340	1343	1347	rVV	5580771	5211246	13.02%	1.298%
14	10.116	1361	1365	1369	rVB	308902	277809	0.69%	0.069%
15	10.163	1369	1373	1376	rBV	2661450	2279911	5.70%	0.568%
16	10.510	1428	1432	1438	rBV	3875469	3334742	8.33%	0.831%
17	10.581	1438	1444	1445	rBV	572489	630669	1.58%	0.157%
18	10.599	1445	1447	1450	rVB	879392	664616	1.66%	0.166%
19	10.646	1453	1455	1457	rBV	497598	371278	0.93%	0.092%
20	10.669	1457	1459	1464	rVB	918651	827076	2.07%	0.206%
21	10.752	1469	1473	1478	rBV	1019257	1243418	3.11%	0.310%
22	10.952	1502	1507	1511	rBV	1091770	1073551	2.68%	0.267%
23	11.040	1519	1522	1524	rBV2	474896	516134	1.29%	0.129%
24	11.069	1524	1527	1529	rVB	636456	581524	1.45%	0.145%
25	11.099	1529	1532	1535	rVB	552678	461195	1.15%	0.115%
26	11.152	1538	1541	1544	rVB3	289561	335648	0.84%	0.084%
27	11.328	1566	1571	1573	rBV2	2434241	2514168	6.28%	0.626%
28	11.363	1573	1577	1584	rVB	3277478	3190025	7.97%	0.795%
29	11.516	1590	1603	1606	rBV2	17619150	34087922	85.16%	8.492%
30	11.552	1606	1609	1612	rVB	4505644	3757788	9.39%	0.936%
31	11.581	1612	1614	1617	rVB	370385	335261	0.84%	0.084%
32	11.628	1620	1622	1628	rVB3	198205	303596	0.76%	0.076%
33	11.705	1632	1635	1637	rBV2	305951	335533	0.84%	0.084%
34	11.769	1644	1646	1649	rBV	522704	423971	1.06%	0.106%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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	11.805	1649	1652	1655	rBV	1409517	1258155	3.14%	0.313%
36	11.893	1661	1667	1671	rBV	1466493	1672220	4.18%	0.417%
37	11.987	1676	1683	1685	rBV	6876264	7476334	18.68%	1.863%
38	12.016	1685	1688	1692	rVB	8996215	8799300	21.98%	2.192%
39	12.057	1692	1695	1698	rBV	599889	690694	1.73%	0.172%
40	12.099	1698	1702	1704	rBV	6885969	7442277	18.59%	1.854%
41	12.122	1704	1706	1712	rVB	3900043	3387277	8.46%	0.844%
42	12.187	1712	1717	1719	rBV2	187964	295887	0.74%	0.074%
43	12.222	1719	1723	1726	rBV	867531	783029	1.96%	0.195%
44	12.287	1730	1734	1736	rBV	4450431	4465601	11.16%	1.113%
45	12.316	1736	1739	1744	rVB2	954293	1427743	3.57%	0.356%
46	12.363	1744	1747	1749	rBV	914375	894431	2.23%	0.223%
47	12.387	1749	1751	1754	rVB	647384	654559	1.64%	0.163%
48	12.440	1754	1760	1763	rBV	2718867	3052680	7.63%	0.761%
49	12.475	1763	1766	1768	rBV	3394488	3395556	8.48%	0.846%
50	12.499	1768	1770	1774	rVB	2638657	2324273	5.81%	0.579%
51	12.552	1774	1779	1782	rBV	3517459	4338771	10.84%	1.081%
52	12.587	1782	1785	1787	rBV2	1322018	1488939	3.72%	0.371%
53	12.610	1787	1789	1791	rVB	1083558	898673	2.25%	0.224%
54	12.646	1791	1795	1801	rVB2	1275120	1916309	4.79%	0.477%
55	12.746	1801	1812	1815	rBV	16188755	40029723	100.00%	9.973%
56	12.846	1825	1829	1830	rBV2	353275	384455	0.96%	0.096%
57	12.869	1830	1833	1835	rVV	1844592	1719457	4.30%	0.428%
58	12.893	1835	1837	1839	rVV2	568210	537269	1.34%	0.134%
59	12.916	1839	1841	1843	rVV	761258	672187	1.68%	0.167%
60	12.963	1843	1849	1854	rVV3	14854292	33594702	83.92%	8.370%
61	13.004	1854	1856	1861	rVB2	2610170	3709081	9.27%	0.924%
62	13.075	1861	1868	1873	rBV2	3621177	6069664	15.16%	1.512%
63	13.116	1873	1875	1880	rVB3	678906	849488	2.12%	0.212%
64	13.181	1880	1886	1892	rBV	3657170	5674324	14.18%	1.414%
65	13.234	1892	1895	1897	rBV2	852775	971256	2.43%	0.242%
66	13.293	1897	1905	1909	rVB	6121405	11032205	27.56%	2.748%
67	13.357	1912	1916	1919	rBV	4383844	5063776	12.65%	1.262%
68	13.399	1919	1923	1925	rBV	3664138	4882150	12.20%	1.216%
69	13.422	1925	1927	1930	rVV	2592361	2516908	6.29%	0.627%
70	13.451	1930	1932	1935	rVB2	1069410	993771	2.48%	0.248%
71	13.493	1935	1939	1941	rBV	1560598	1659051	4.14%	0.413%

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Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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

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Peak separation: 5

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

72	13.522	1941	1944	1947	rBV2	2150713	2554418	6.38%	0.636%
73	13.616	1957	1960	1963	rVB	555039	602432	1.50%	0.150%
74	13.728	1967	1979	1986	rBV2	3768383	9510391	23.76%	2.369%
75	13.793	1986	1990	1993	rVV	1614425	2383283	5.95%	0.594%
76	13.822	1993	1995	1999	rVB4	710976	1014704	2.53%	0.253%
77	13.934	2008	2014	2016	rBV	5038958	7521587	18.79%	1.874%
78	13.957	2016	2018	2021	rVV	4673242	5576367	13.93%	1.389%
79	13.981	2021	2022	2033	rVB3	2384903	4548651	11.36%	1.133%
80	14.099	2038	2042	2046	rBV	1313454	1612137	4.03%	0.402%
81	14.198	2047	2059	2062	rVV2	10287947	26998848	67.45%	6.726%
82	14.246	2062	2067	2071	rVV	10893090	21878877	54.66%	5.451%
83	14.281	2071	2073	2077	rVB	1467567	1589423	3.97%	0.396%
84	14.357	2077	2086	2094	rBV3	2035274	5871309	14.67%	1.463%
85	14.522	2107	2114	2116	rBV2	926206	1751480	4.38%	0.436%
86	14.557	2116	2120	2121	rVV	930837	1205110	3.01%	0.300%
87	14.604	2121	2128	2130	rVV2	4226346	8012800	20.02%	1.996%
88	14.634	2130	2133	2136	rVB	2694892	3482321	8.70%	0.868%
89	14.746	2146	2152	2158	rVB3	1706494	3967420	9.91%	0.988%
90	14.798	2158	2161	2167	rVB	1239602	1922666	4.80%	0.479%
91	14.857	2167	2171	2177	rBV3	560351	1200941	3.00%	0.299%
92	14.957	2182	2188	2194	rBV3	1273099	3579477	8.94%	0.892%
93	15.010	2194	2197	2200	rVV	812980	1040636	2.60%	0.259%
94	15.051	2200	2204	2214	rVB2	1447446	2779900	6.94%	0.693%
95	15.134	2214	2218	2224	rBV4	690417	1753893	4.38%	0.437%
96	15.187	2225	2227	2235	rVB2	1038090	1790009	4.47%	0.446%
97	15.322	2236	2250	2258	rBV2	5744440	19661373	49.12%	4.898%
98	15.622	2297	2301	2308	rVB2	1185904	2767042	6.91%	0.689%
99	15.757	2318	2324	2330	rBV	948571	1784664	4.46%	0.445%
100	17.134	2554	2558	2567	rVB2	473563	1115066	2.79%	0.278%

Sum of corrected areas: 401392850

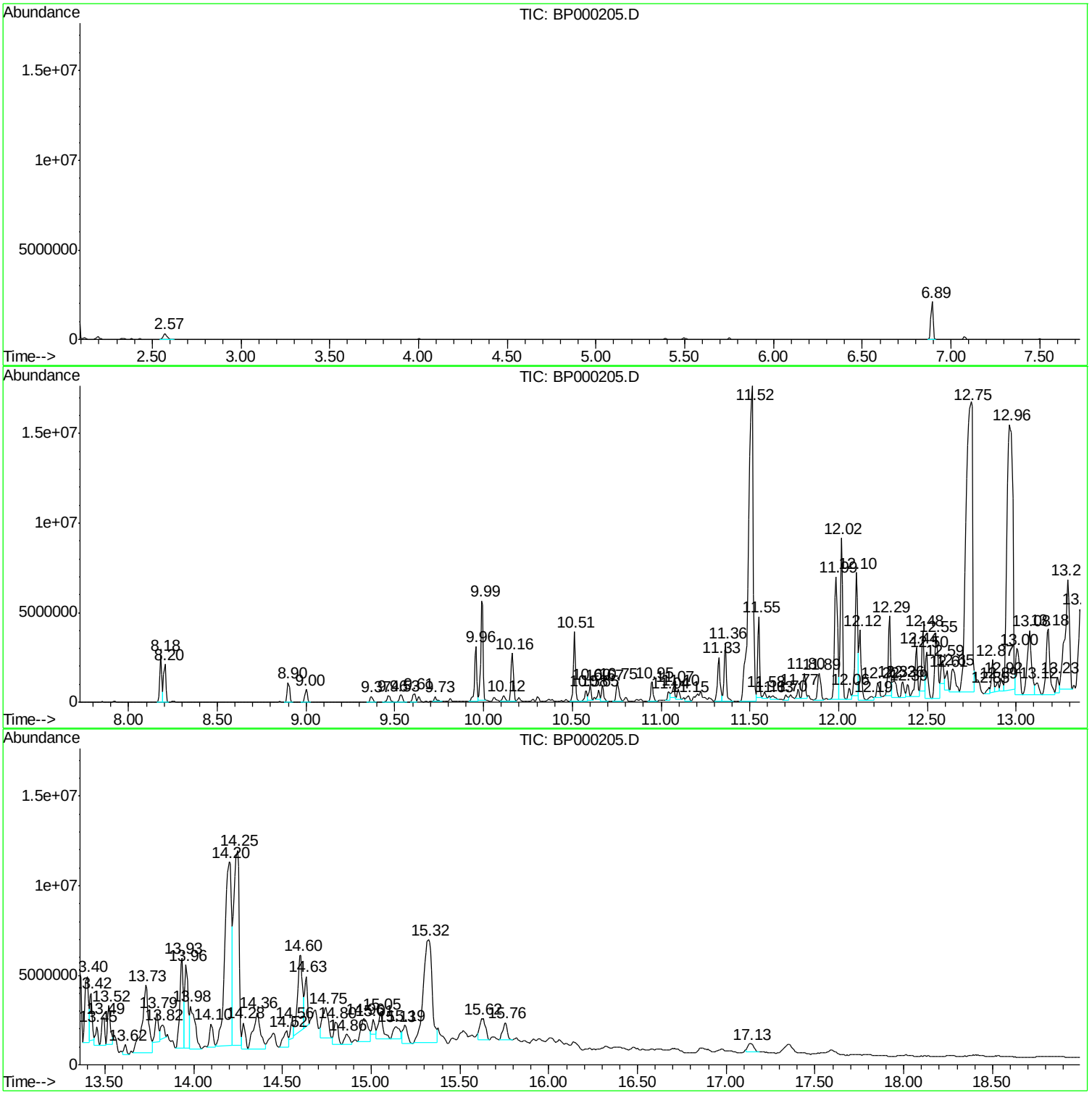
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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\BP091019\
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Instrument : BNA_P
ClientSampleId : F2D27

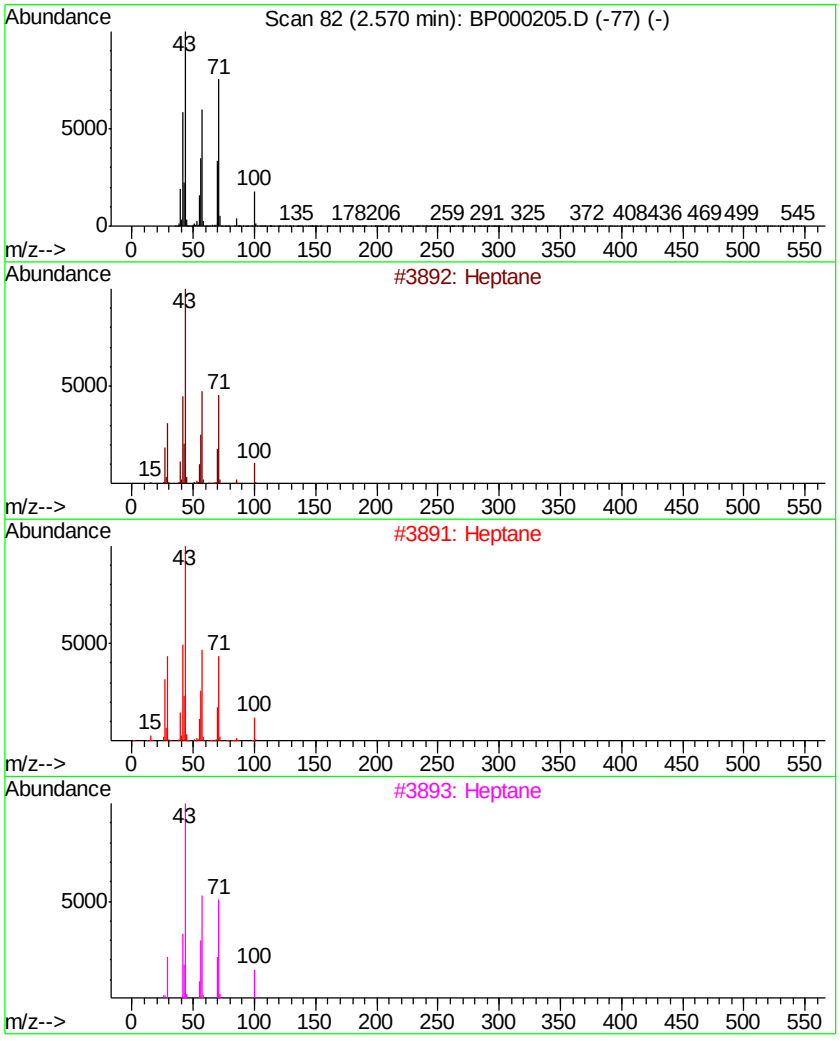
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

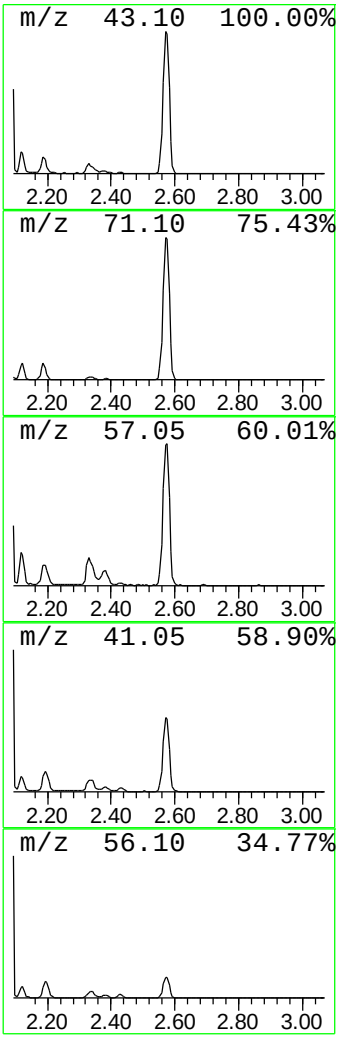
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.57	5.70 ng/ul	452727	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	91
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
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Operator : HP/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

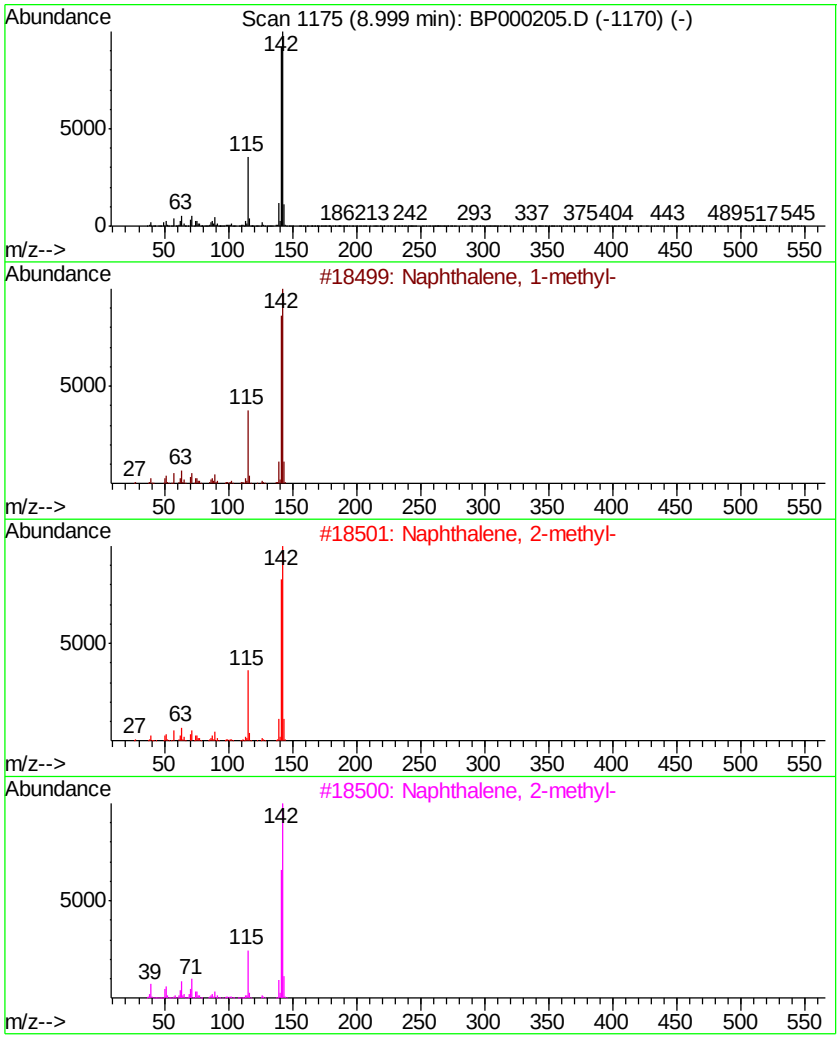
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

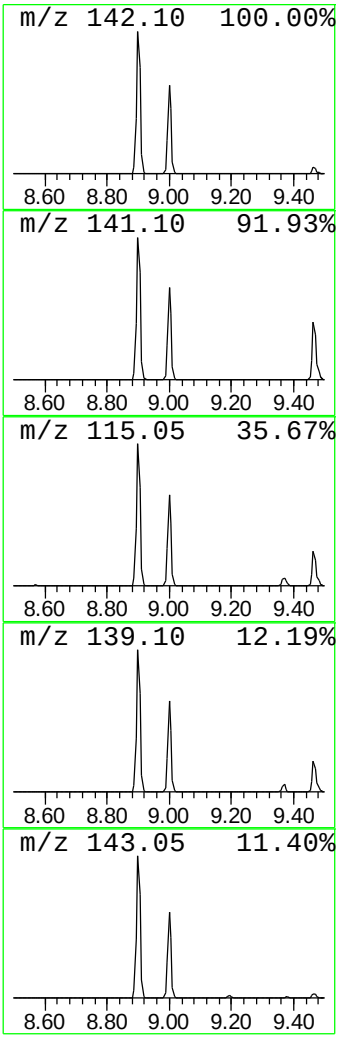
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.03 ng/ul	577297	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





Library Search Compound Report

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Acq On : 11 Sep 2019 17:38
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

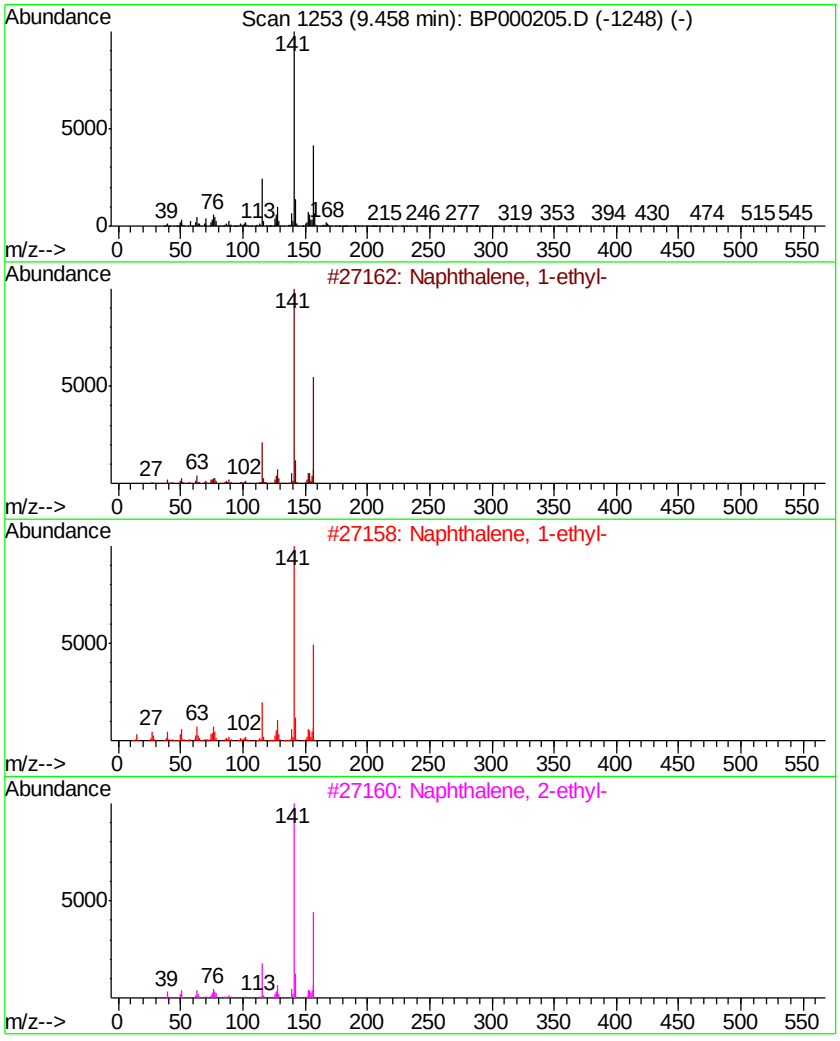
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

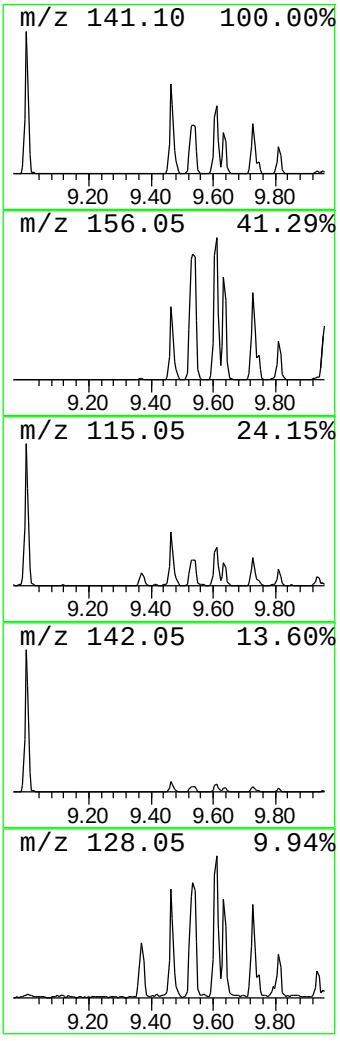
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.38 ng/ul	345993	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Operator : HP/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

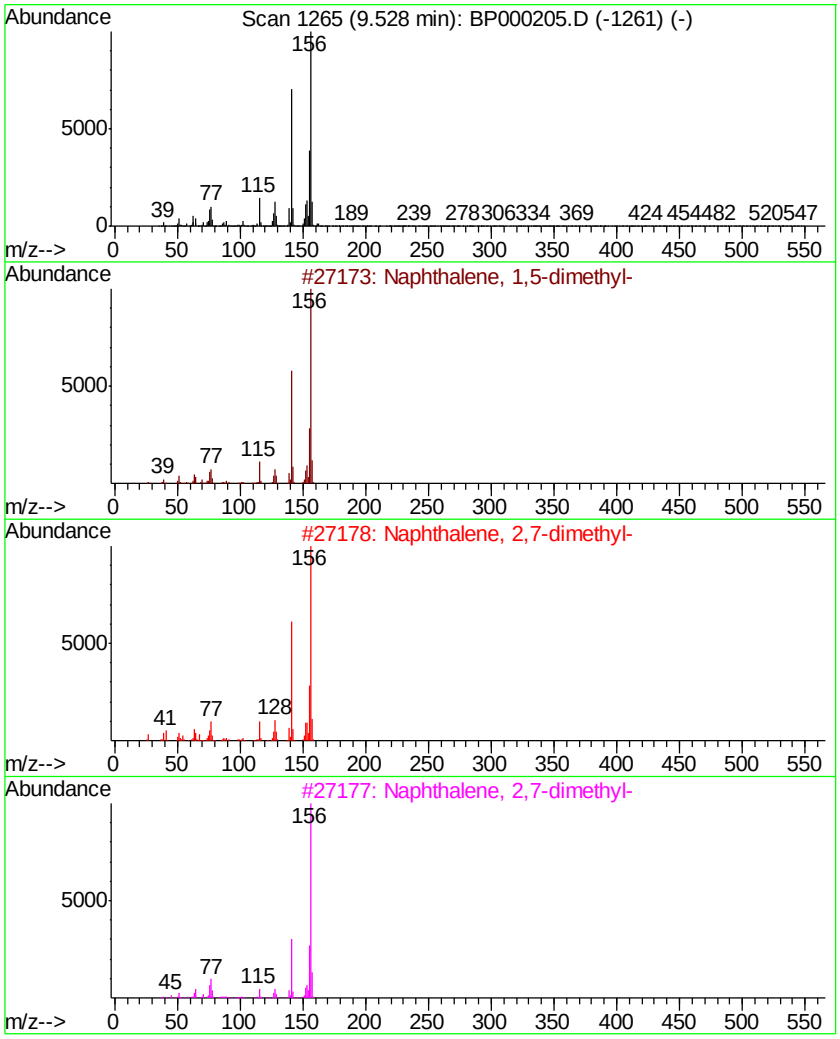
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

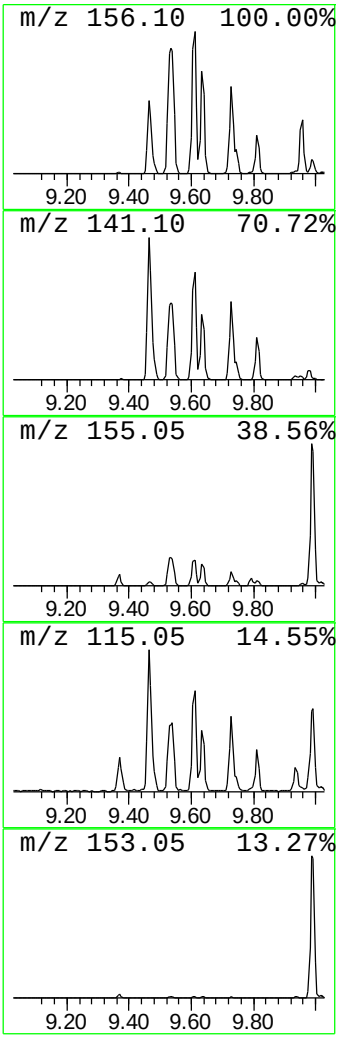
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.65 ng/ul	530037	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

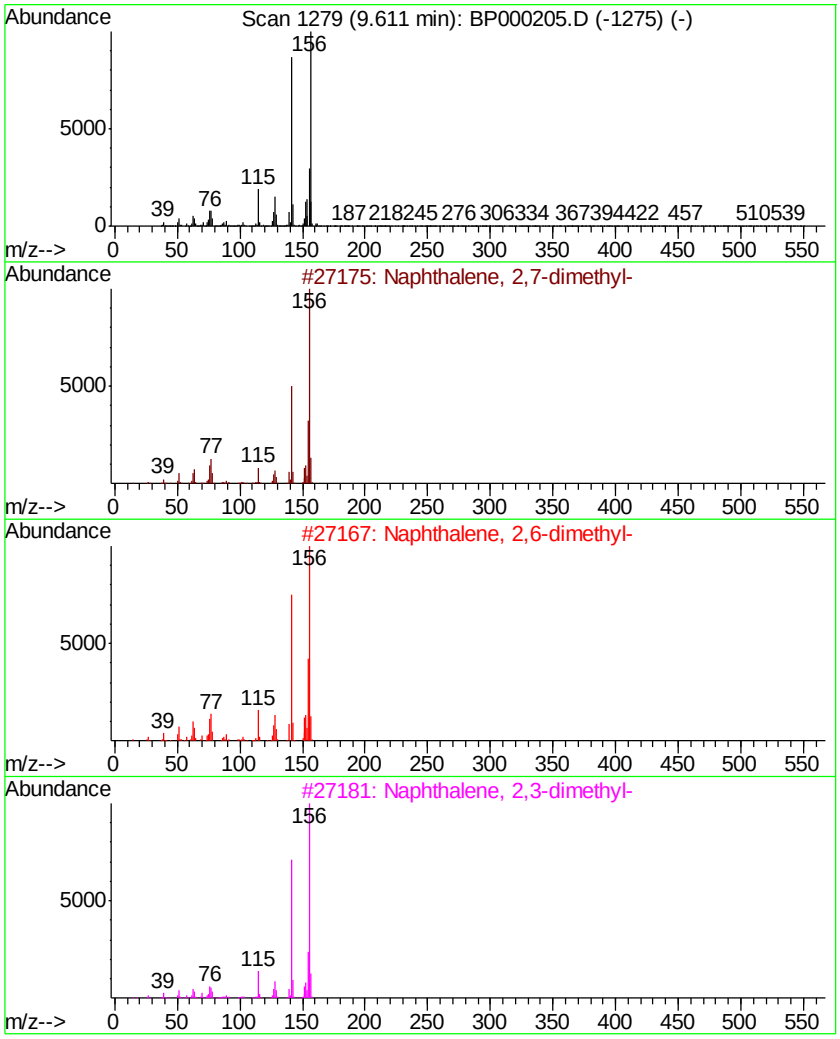
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

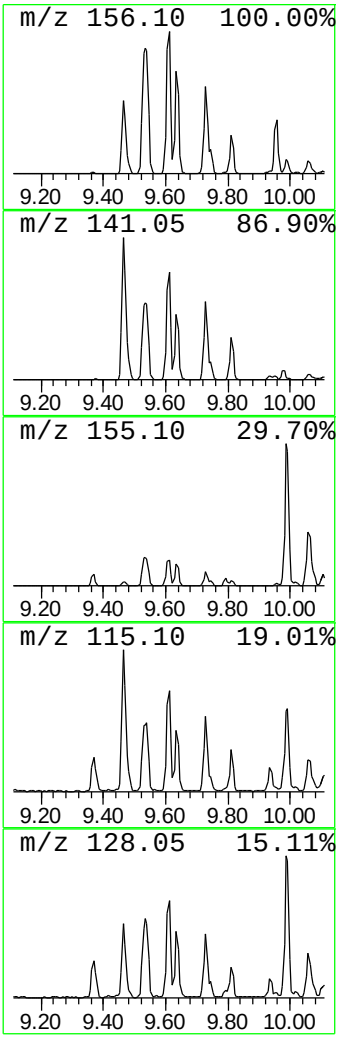
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.01 ng/ul	437807	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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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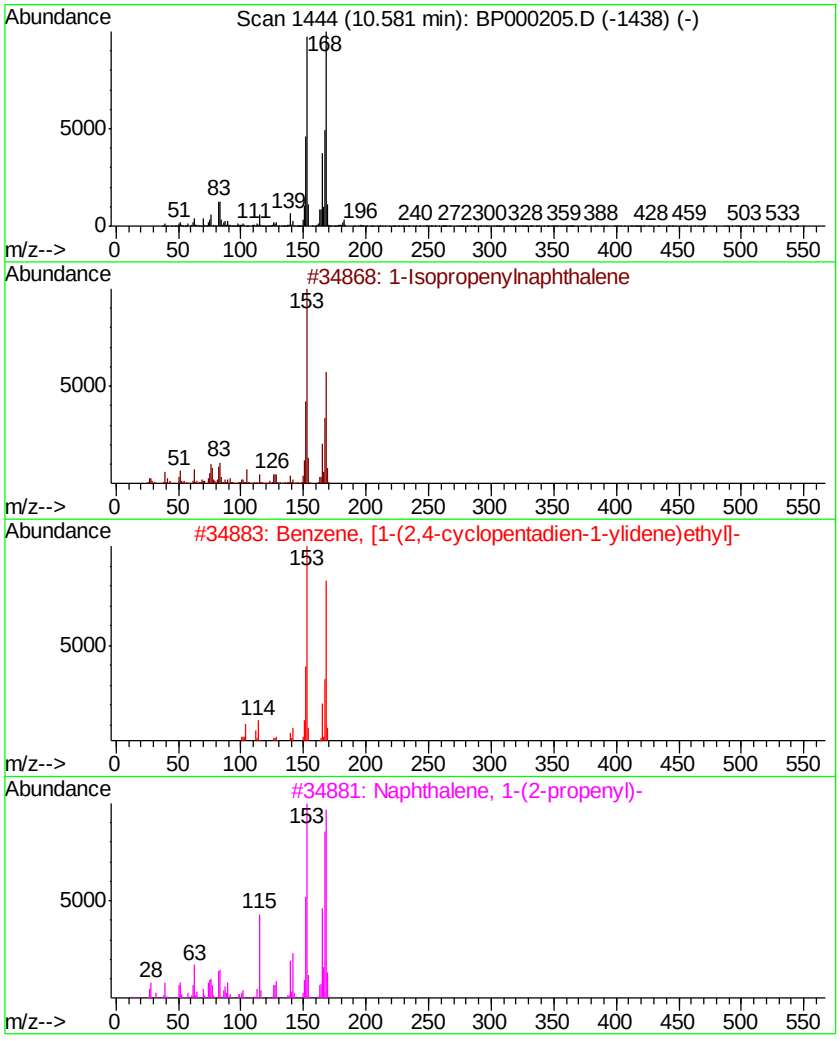
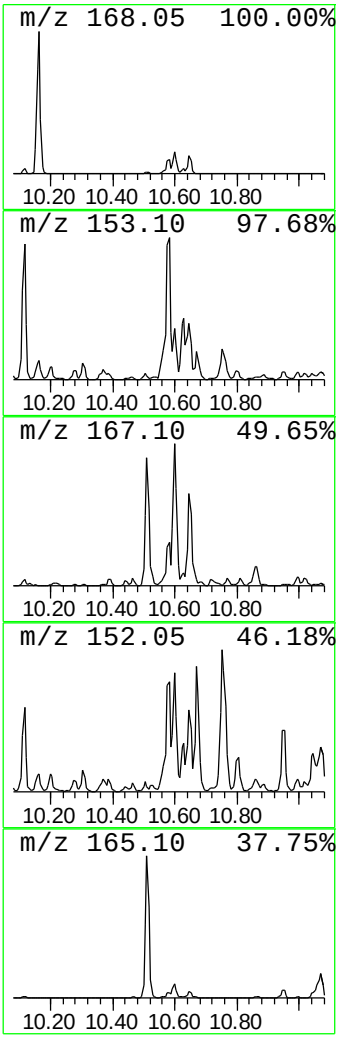
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	4.34 ng/ul	630669	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	96
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49





Library Search Compound Report

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Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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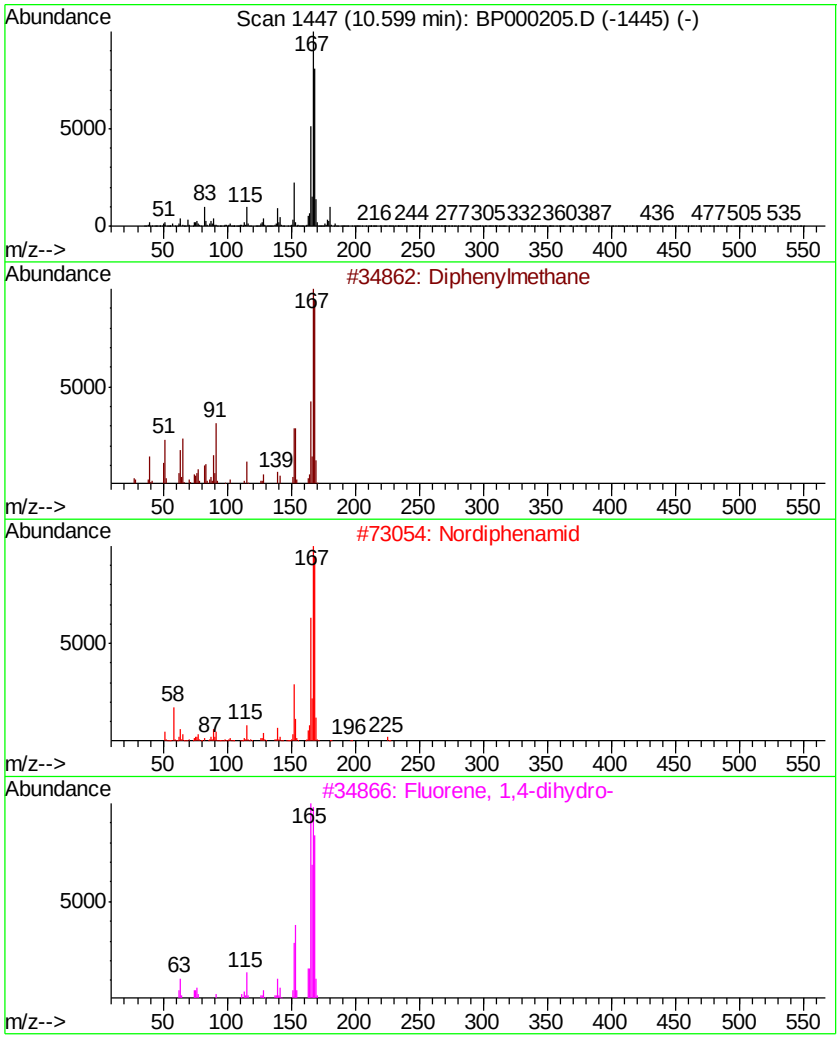
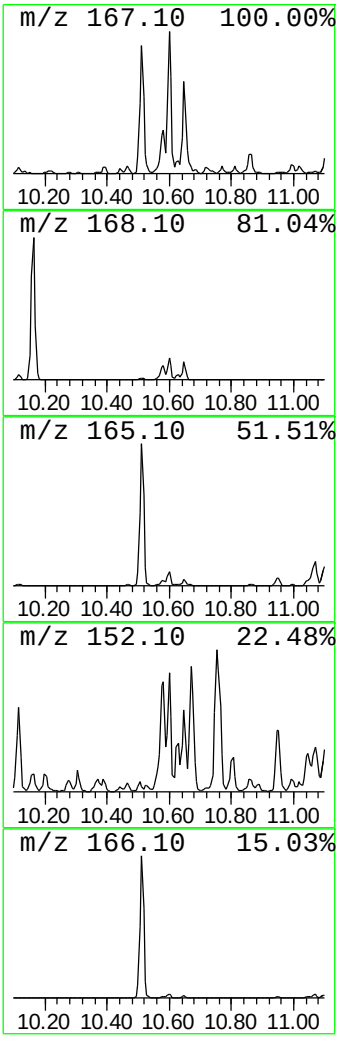
Peak Number 7 Diphenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.57 ng/ul	664616	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	87
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	68
4	Diphenylmethane	168	C13H12	000101-81-5	68
5	Diphenylmethane	168	C13H12	000101-81-5	59





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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

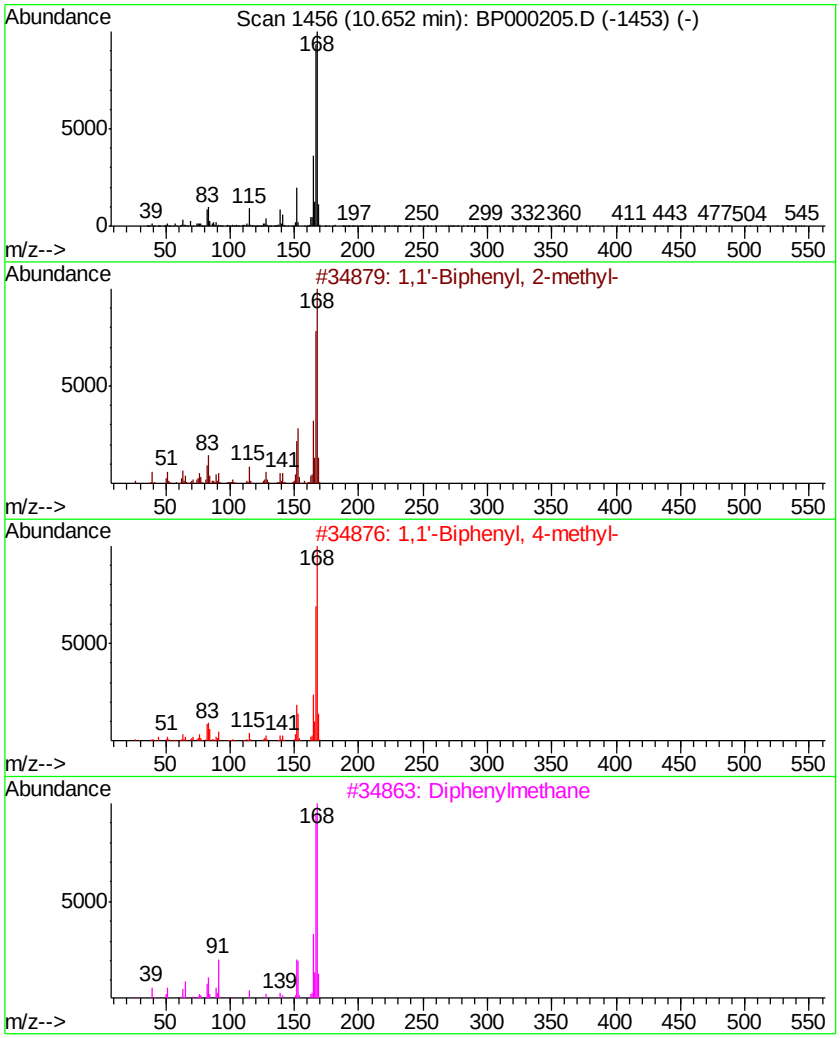
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

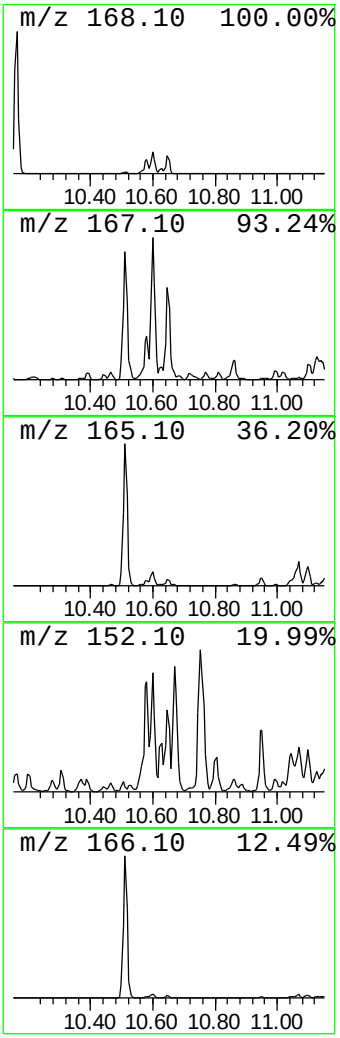
****

Peak Number 8 1,1'-Biphenyl, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.55 ng/ul	371278	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
3	Diphenylmethane	168	C13H12	000101-81-5	87
4	Diphenylmethane	168	C13H12	000101-81-5	87
5	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83





Library Search Compound Report

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Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

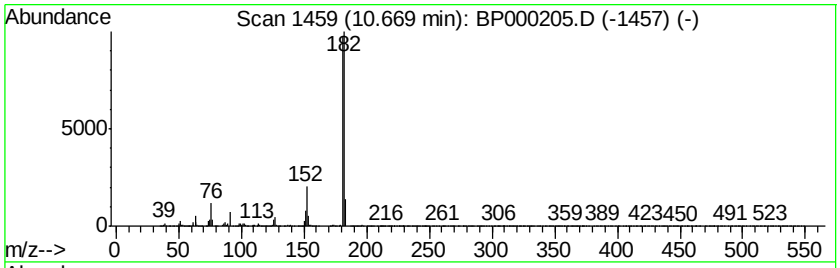
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

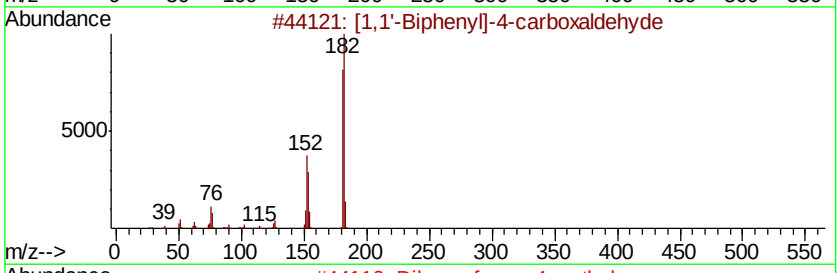
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

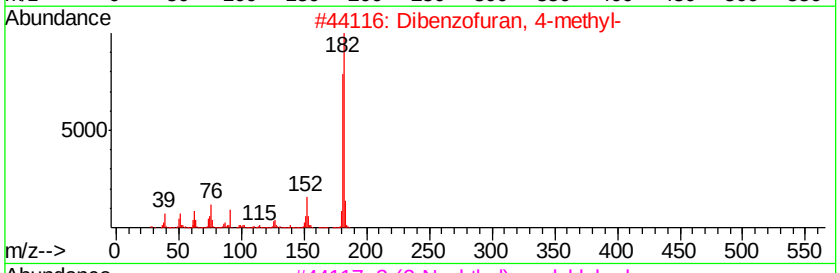
****
Peak Number 9 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

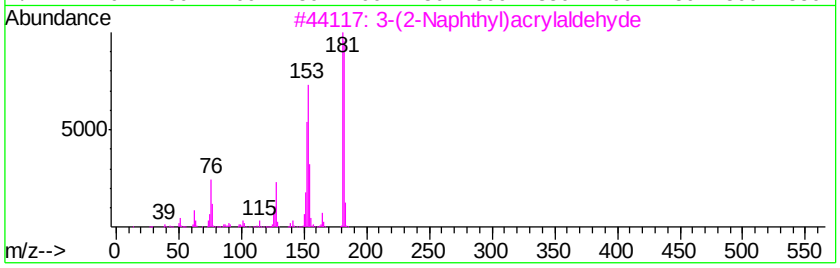
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.69 ng/ul	827076	Acenaphthene-d10	9.96

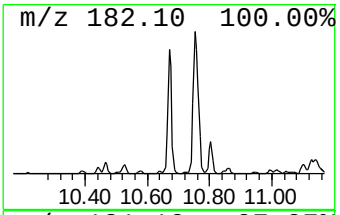
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74

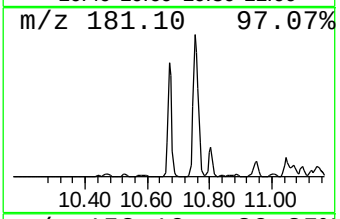


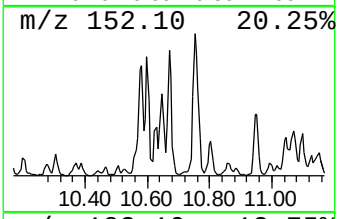


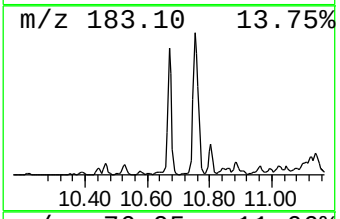


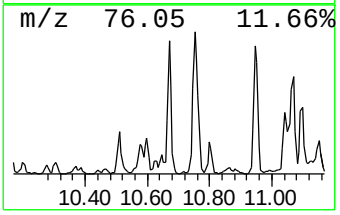












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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

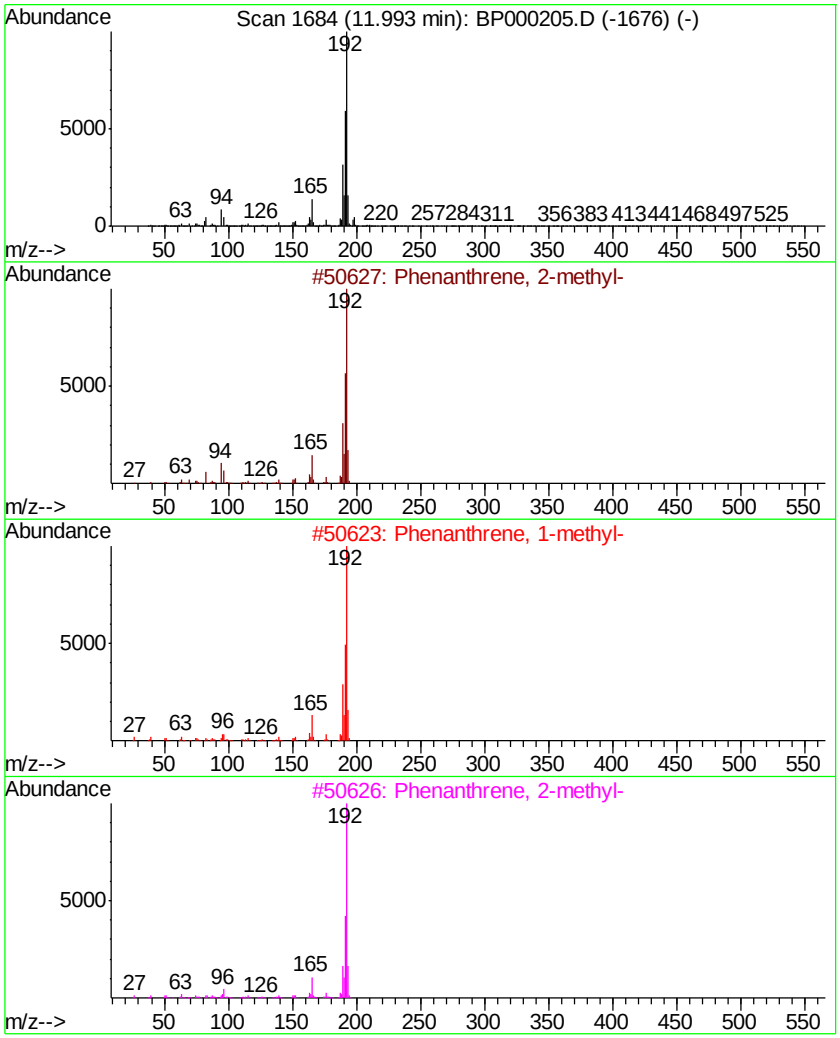
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

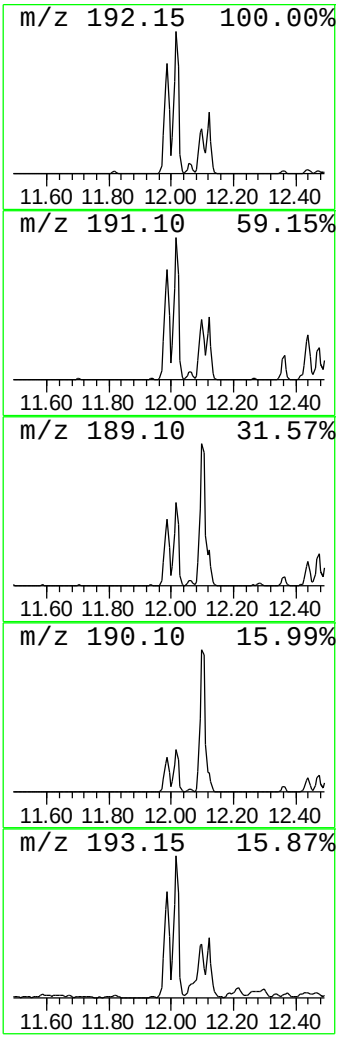
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.39 ng/ul	7476330	Phenanthrene-d10	11.47

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	96





Library Search Compound Report

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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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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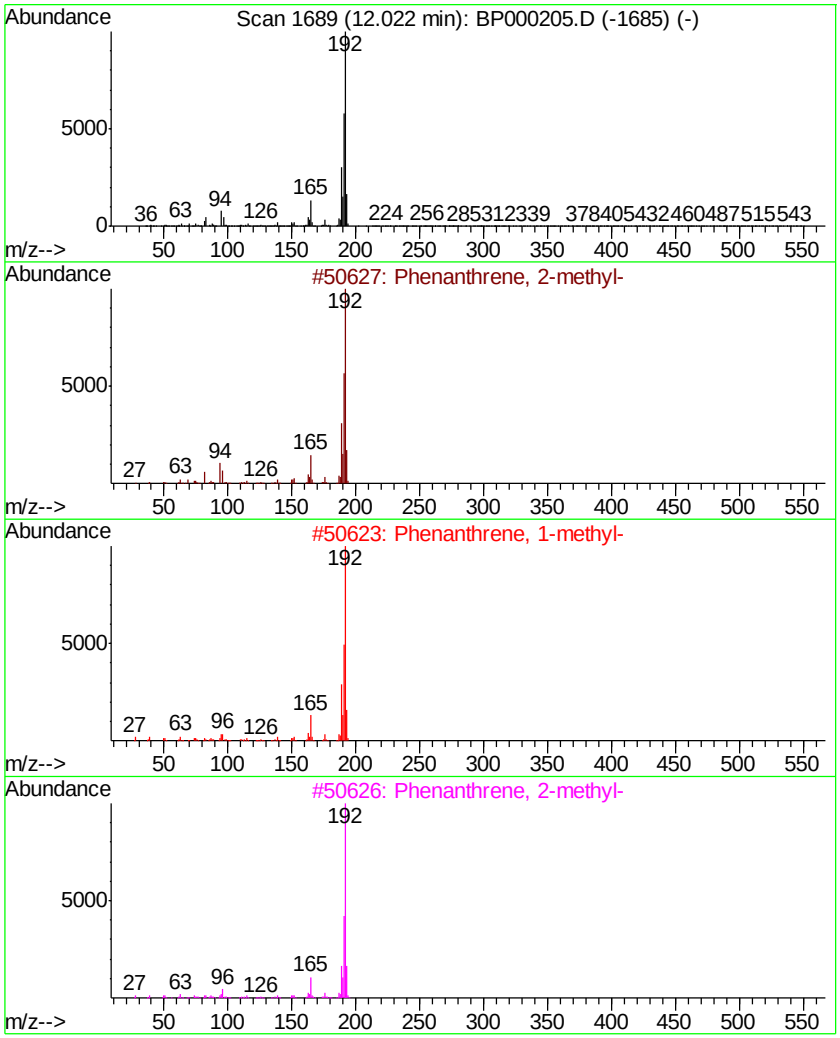
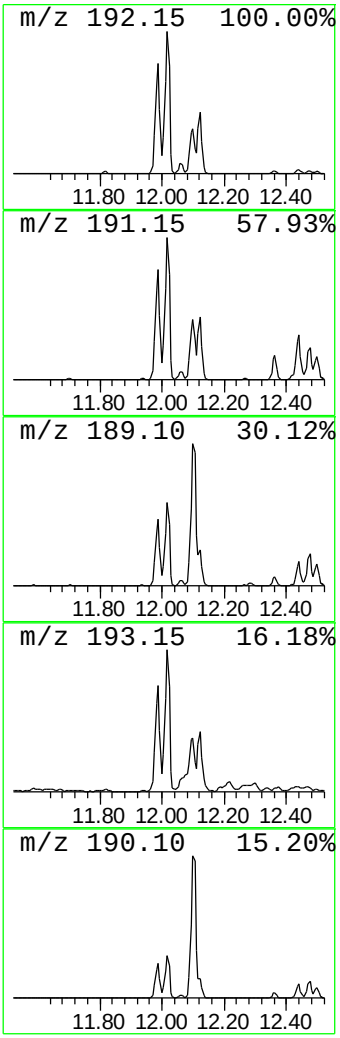
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.16 ng/ul	8799300	Phenanthrene-d10	11.47

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	96





Library Search Compound Report

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Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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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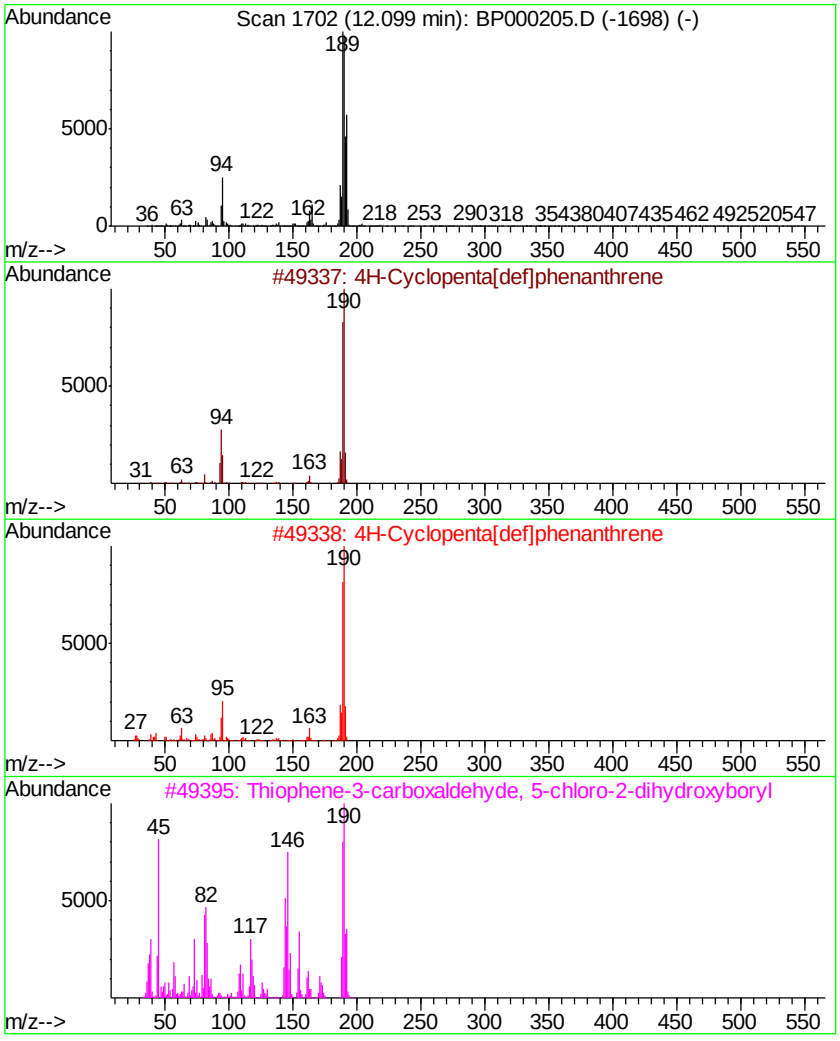
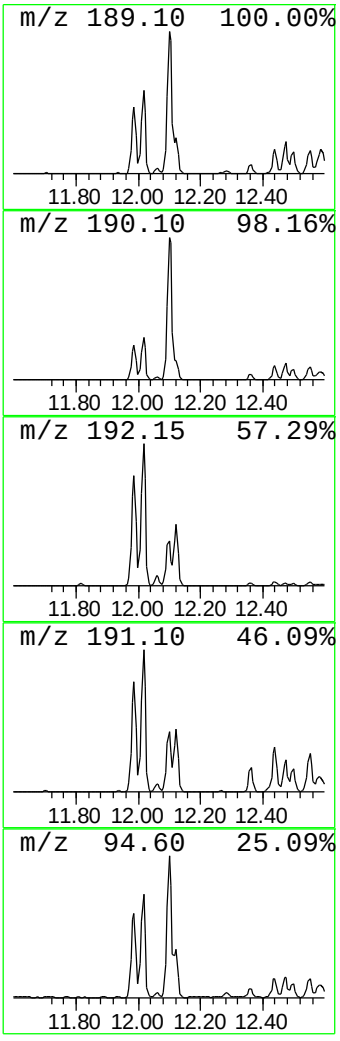
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.37 ng/ul	7442280	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





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Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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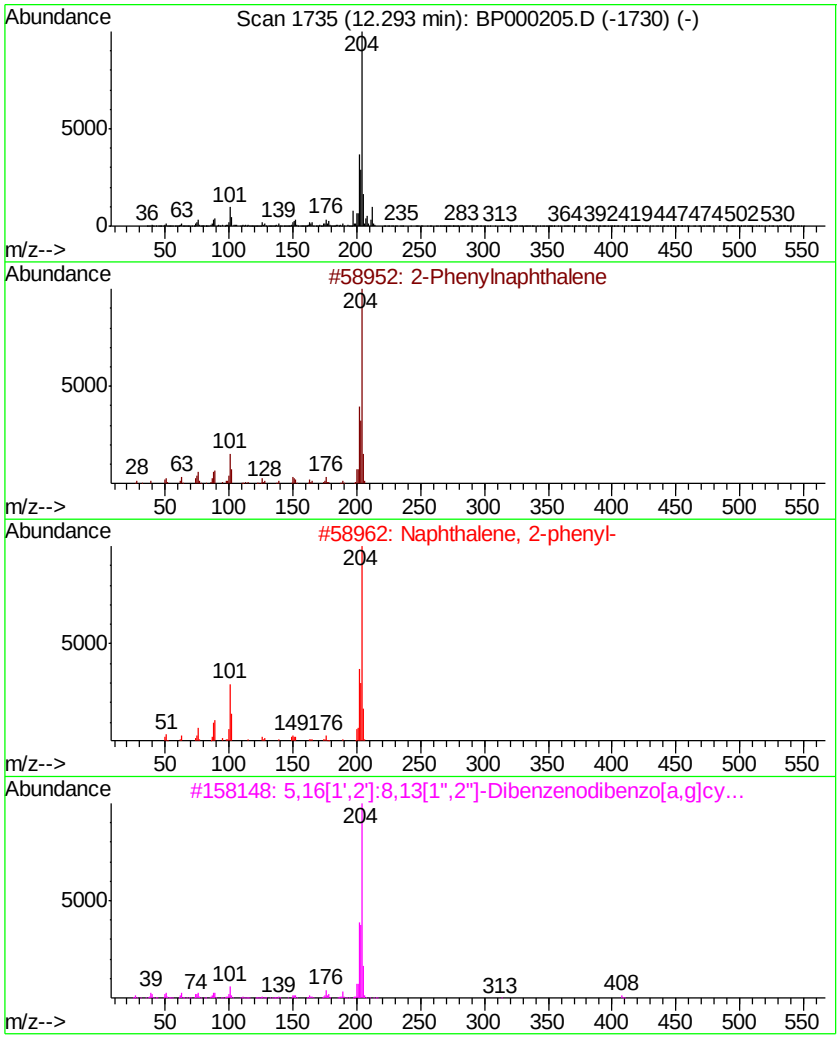
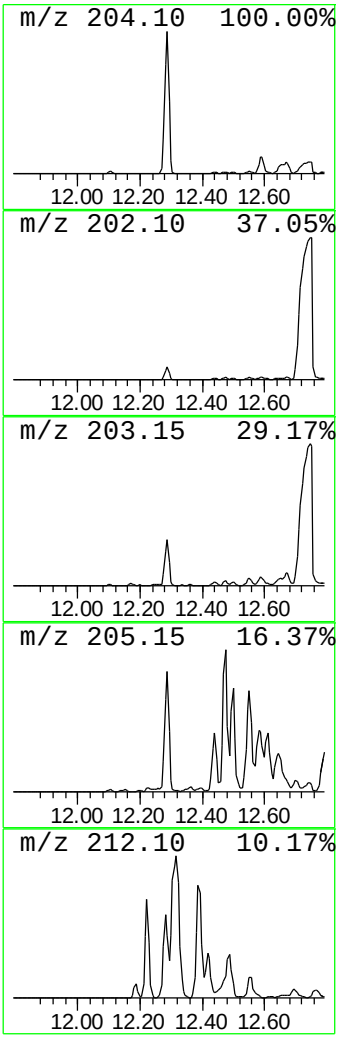
Peak Number 13 2-Phenylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.62 ng/ul	4465600	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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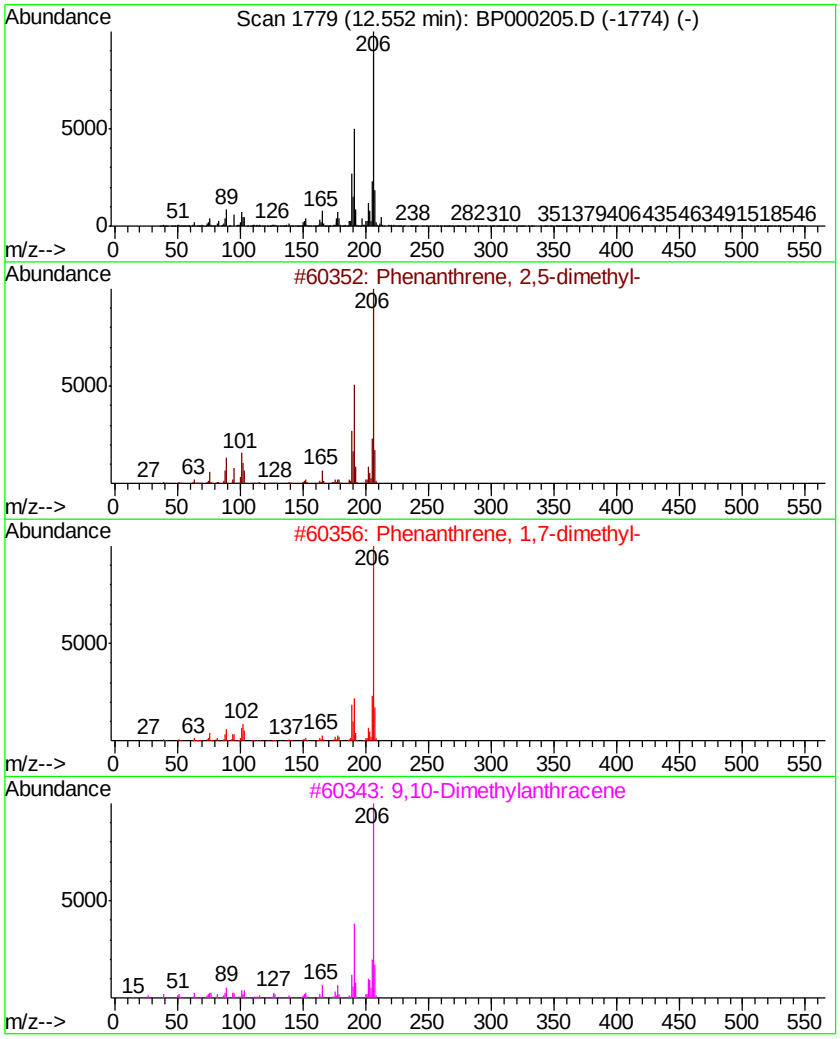
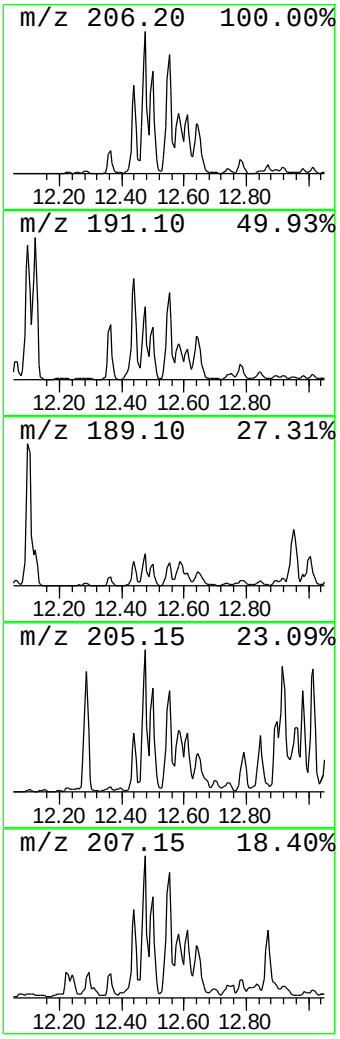
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.55 ng/ul	4338770	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Instrument : BNA_P
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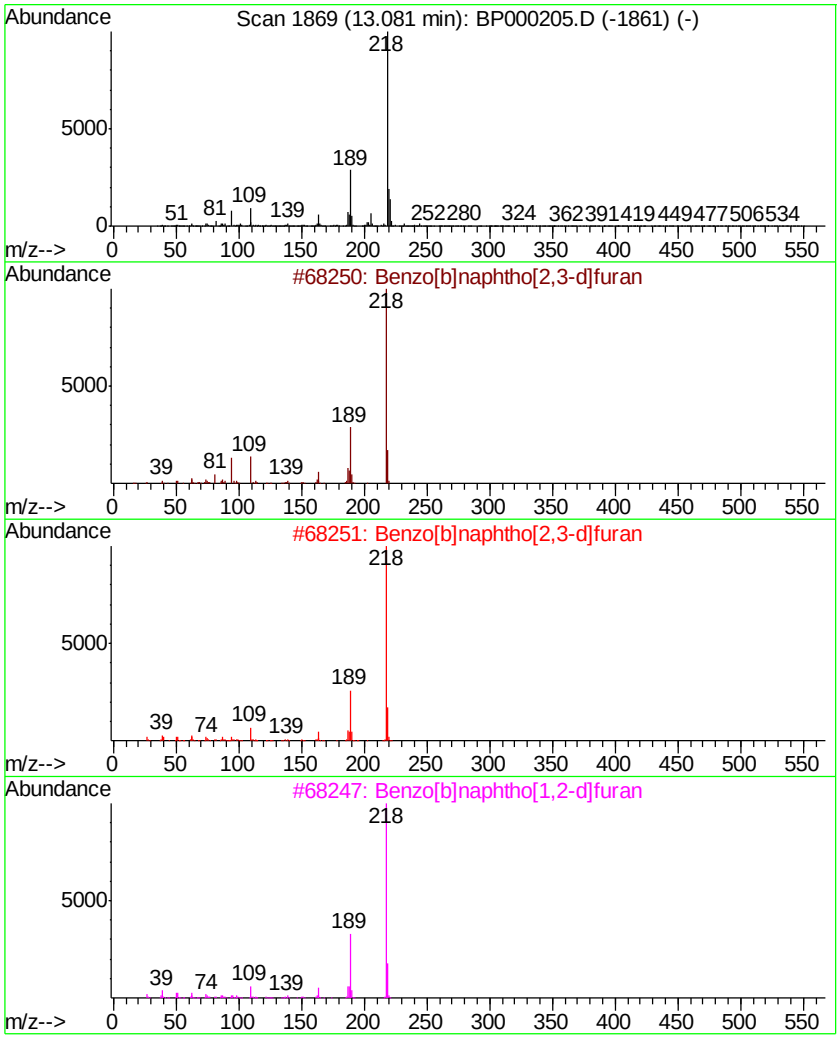
Quant Title : SVOA CALIBRATION

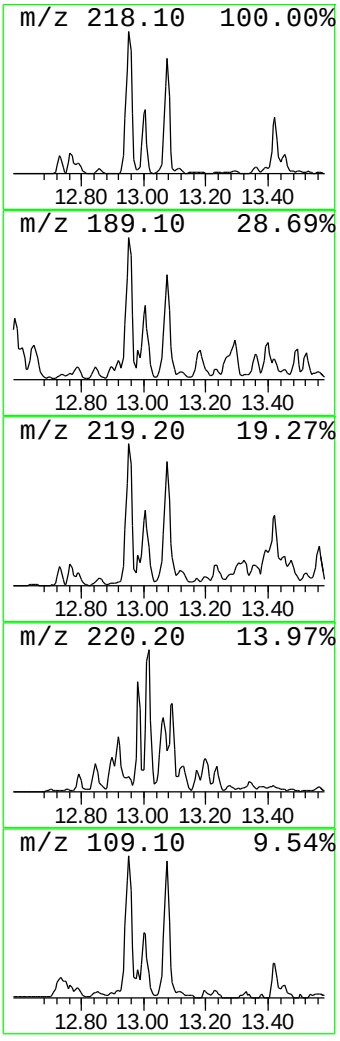
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,3-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.50 ng/ul	6069660	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
3	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	93





Library Search Compound Report

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Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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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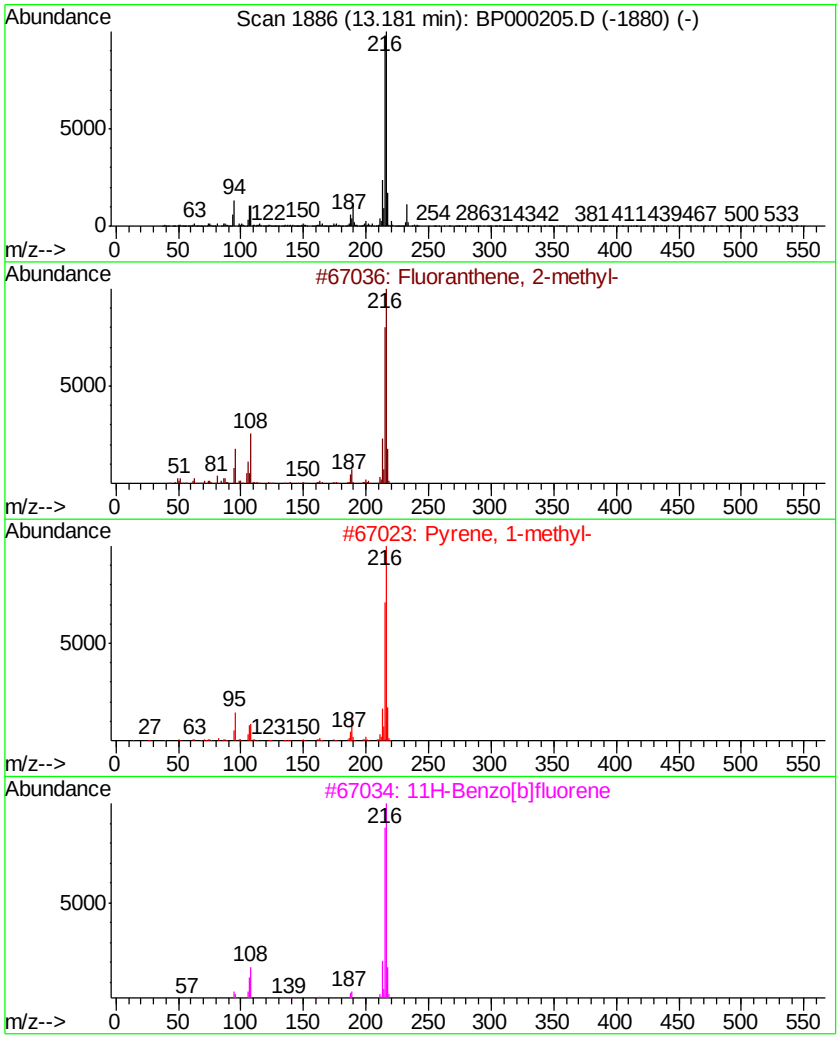
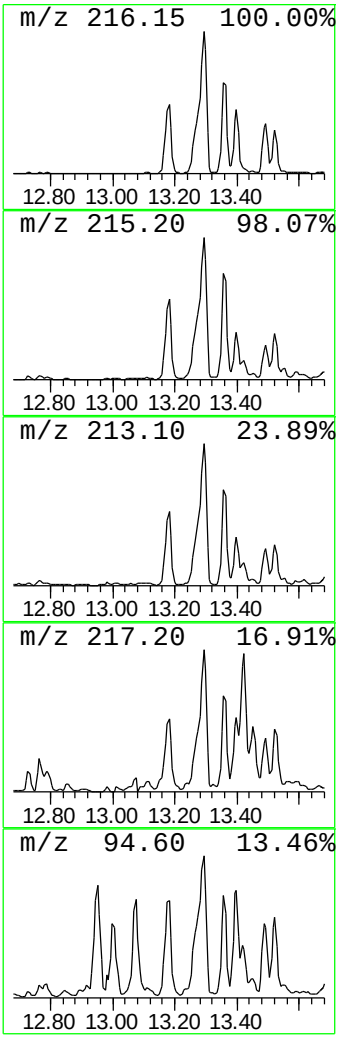
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	4.20 ng/ul	5674320	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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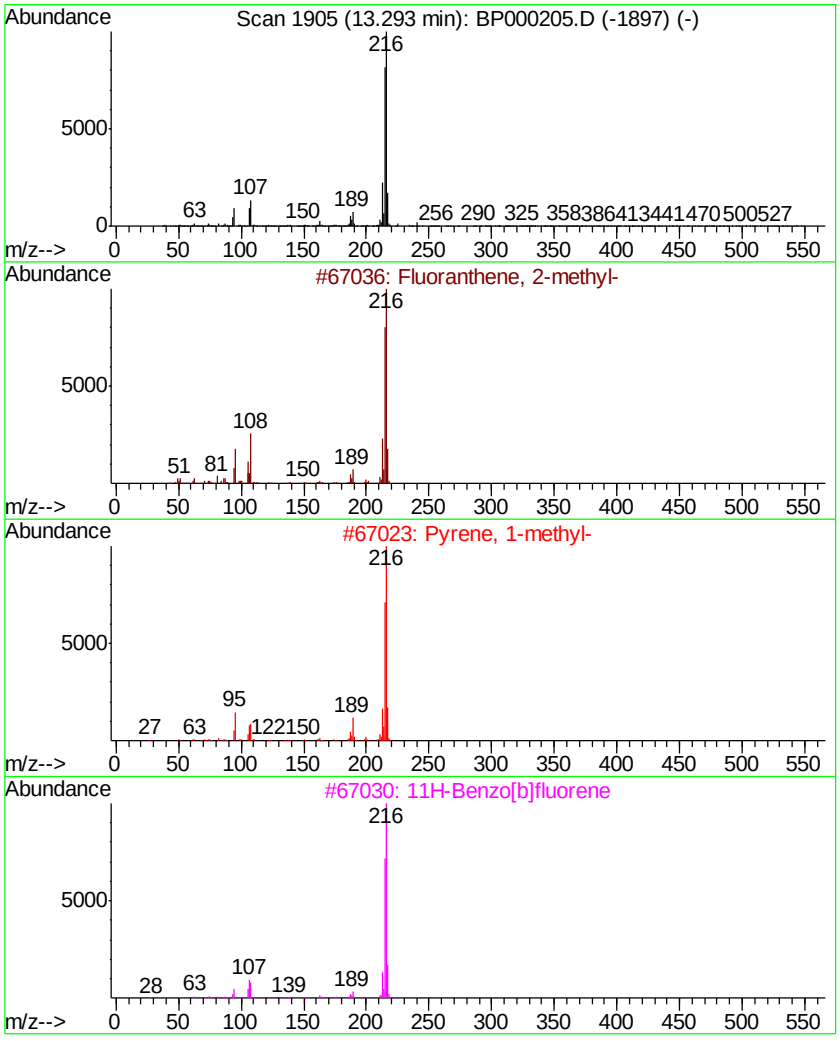
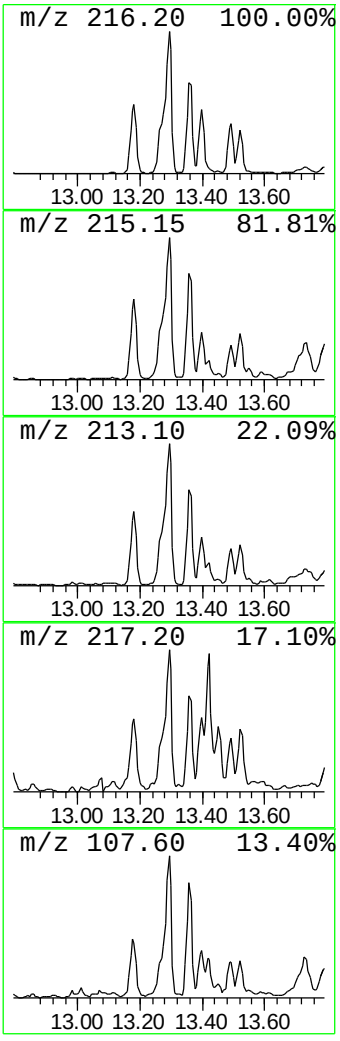
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.17 ng/ul	11032200	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Library Search Compound Report

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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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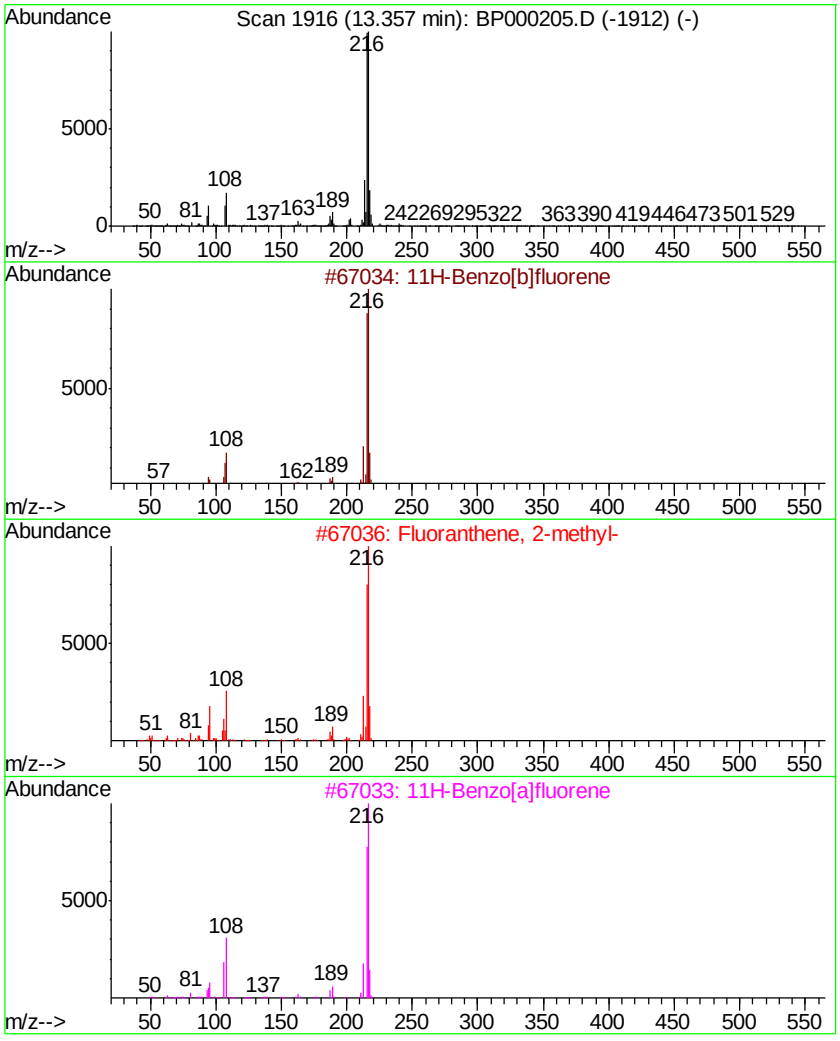
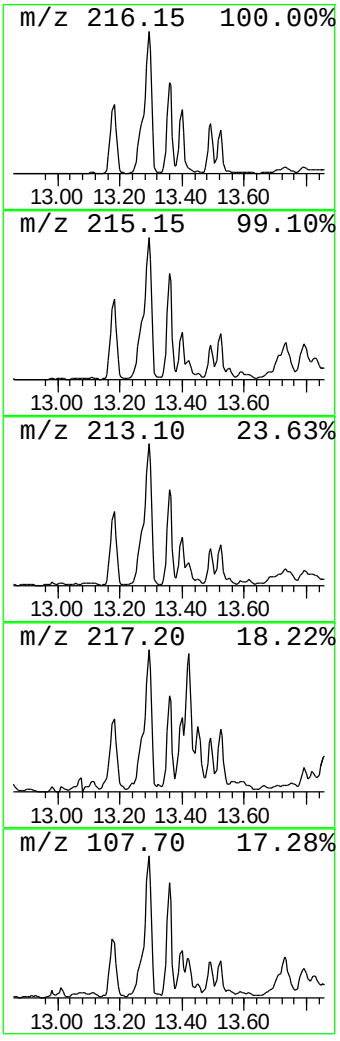
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.75 ng/ul	5063780	Chrysene-d12	14.20

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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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

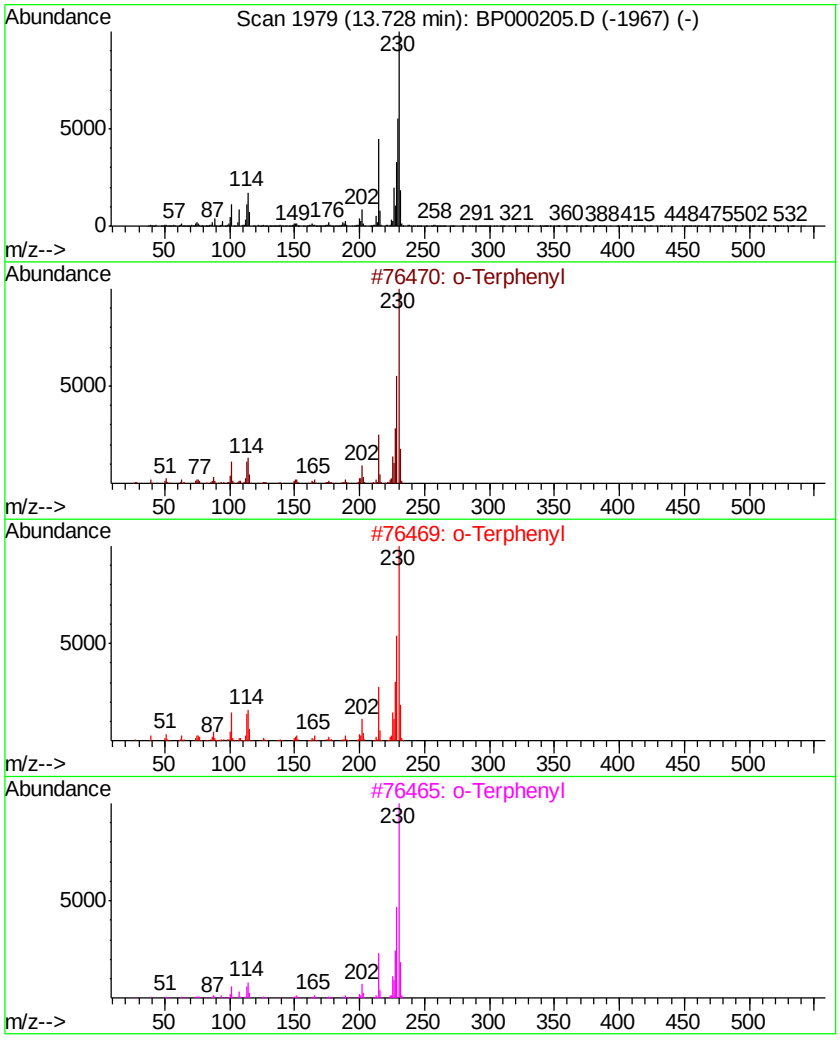
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

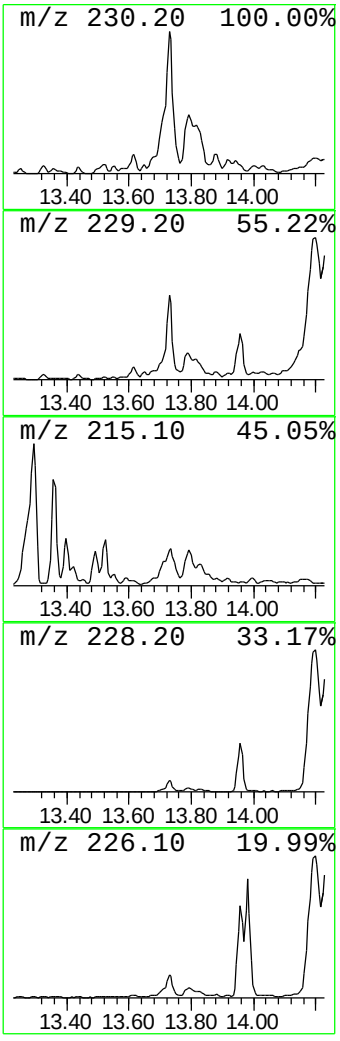
****

Peak Number 20 o-Terphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.05 ng/ul	9510390	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	98
2	o-Terphenyl	230	C18H14	000084-15-1	93
3	o-Terphenyl	230	C18H14	000084-15-1	90
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	52





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Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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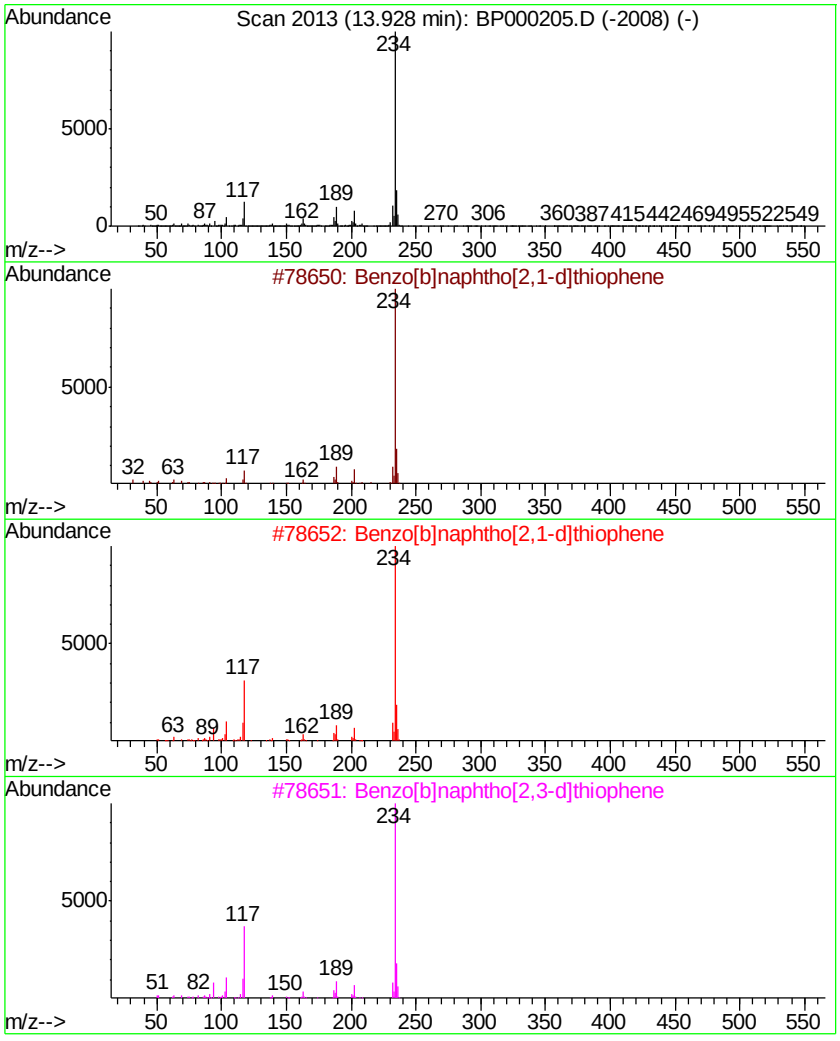
Quant Title : SVOA CALIBRATION

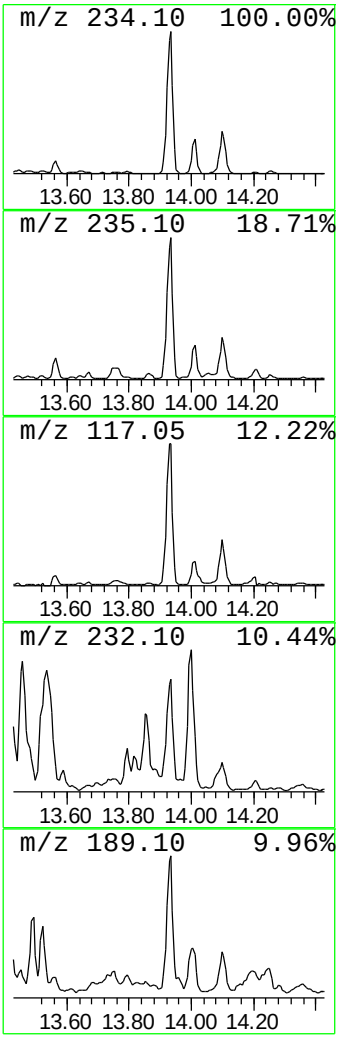
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.57 ng/ul	7521590	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95





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Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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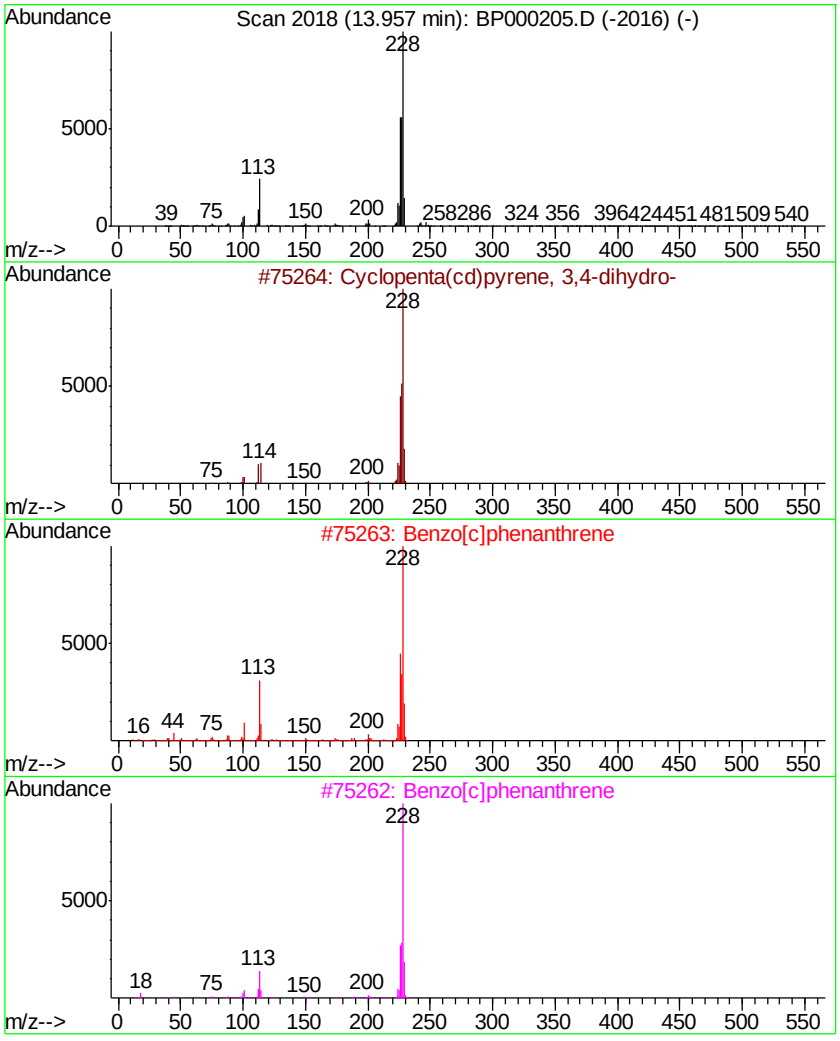
Quant Title : SVOA CALIBRATION

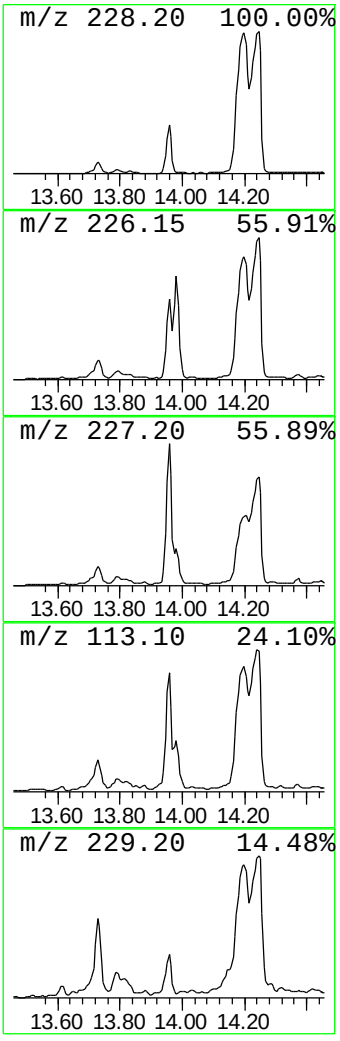
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.13 ng/ul	5576370	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
4	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47
5	Triphenylene	228	C18H12	000217-59-4	43





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Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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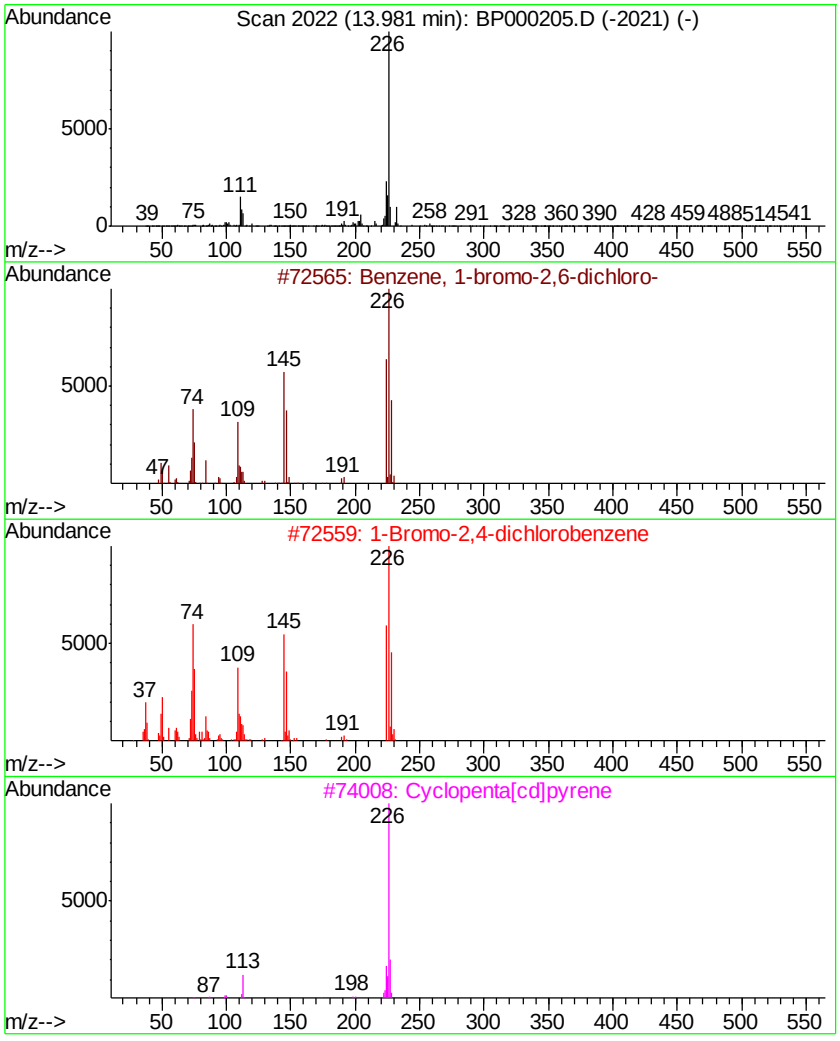
Quant Title : SVOA CALIBRATION

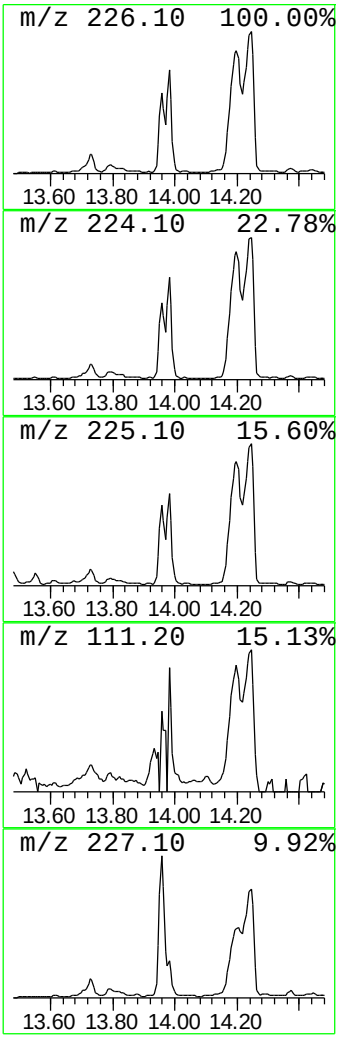
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-bromo-2,6-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	3.37 ng/ul	4548650	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	58
2	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	53
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
4	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	40
5	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	40





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Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

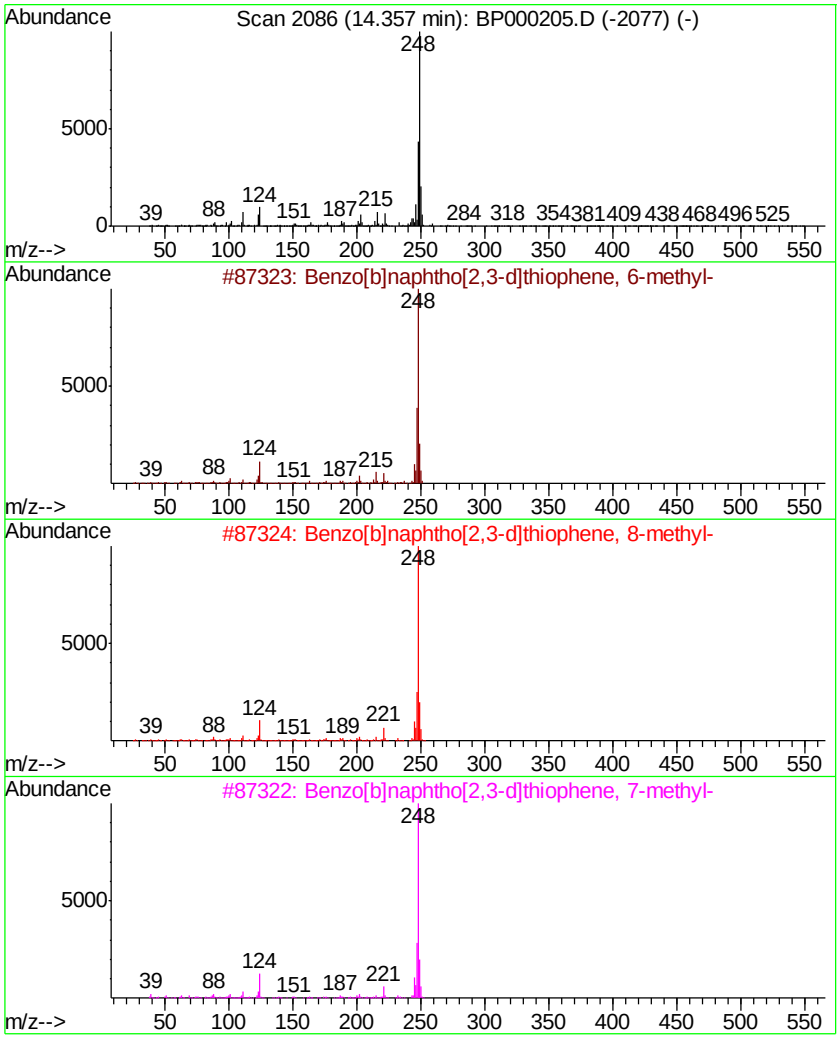
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

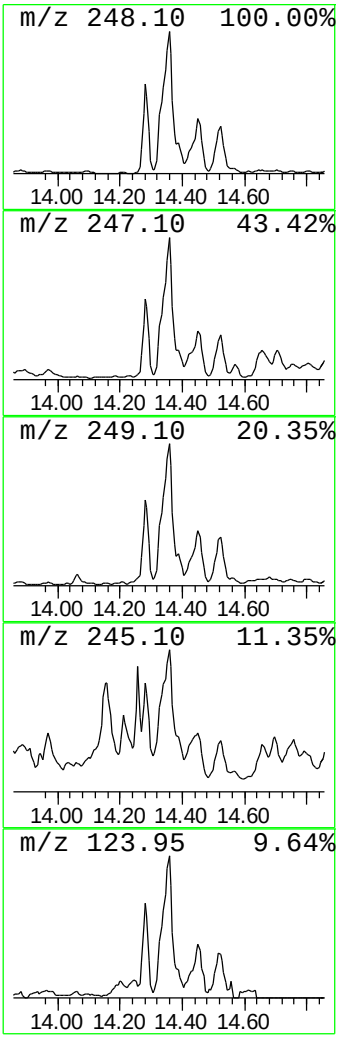
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.35 ng/ul	5871310	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	95
2	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-07-6	91
3	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-09-8	76
4	4-Phenyl-6-(2-hydroxyphenyl)pyri...	248	C16H12N2O	037473-11-3	72
5	Pyrazolo[1,5-a]pyrimidine-6-carb...	248	C15H12N4	250646-38-9	64





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Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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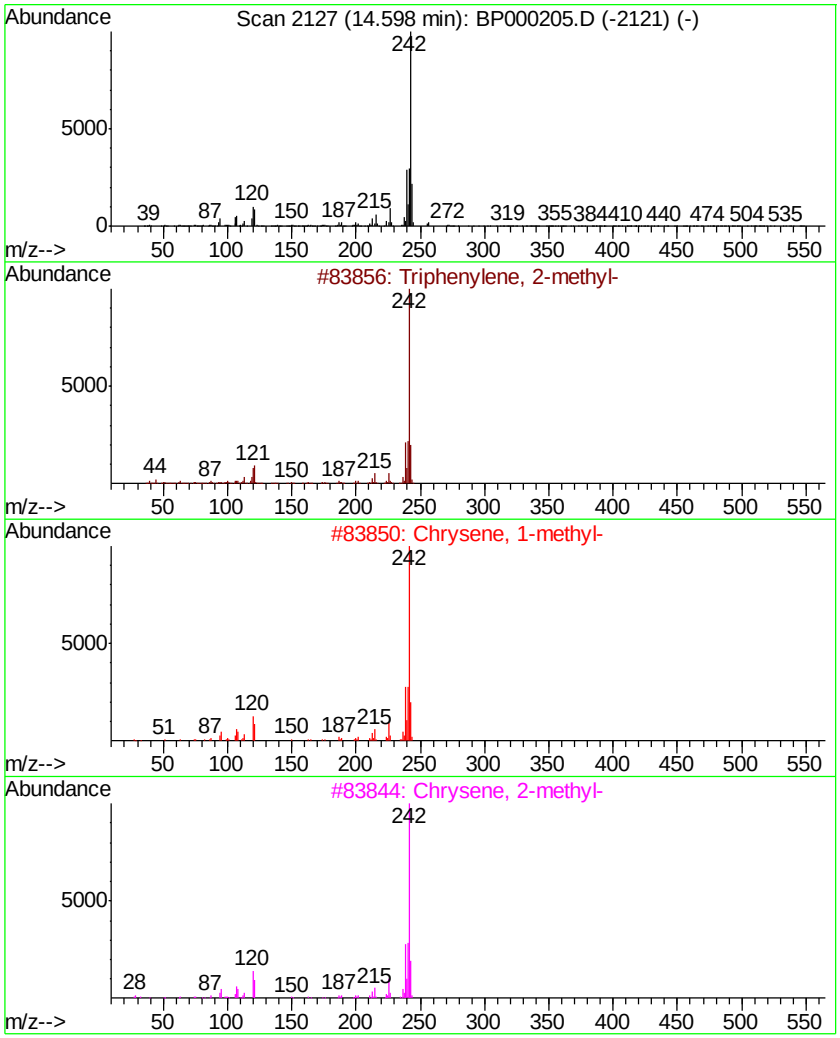
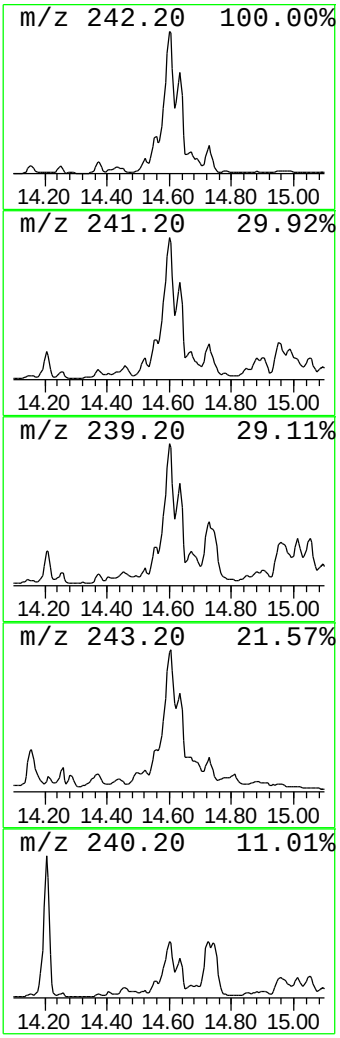
Peak Number 25 Triphenylene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.94 ng/ul	8012800	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
3	Chrysene, 2-methyl-	242	C19H14	003351-32-4	98
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95





Library Search Compound Report

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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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Quant Title : SVOA CALIBRATION

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

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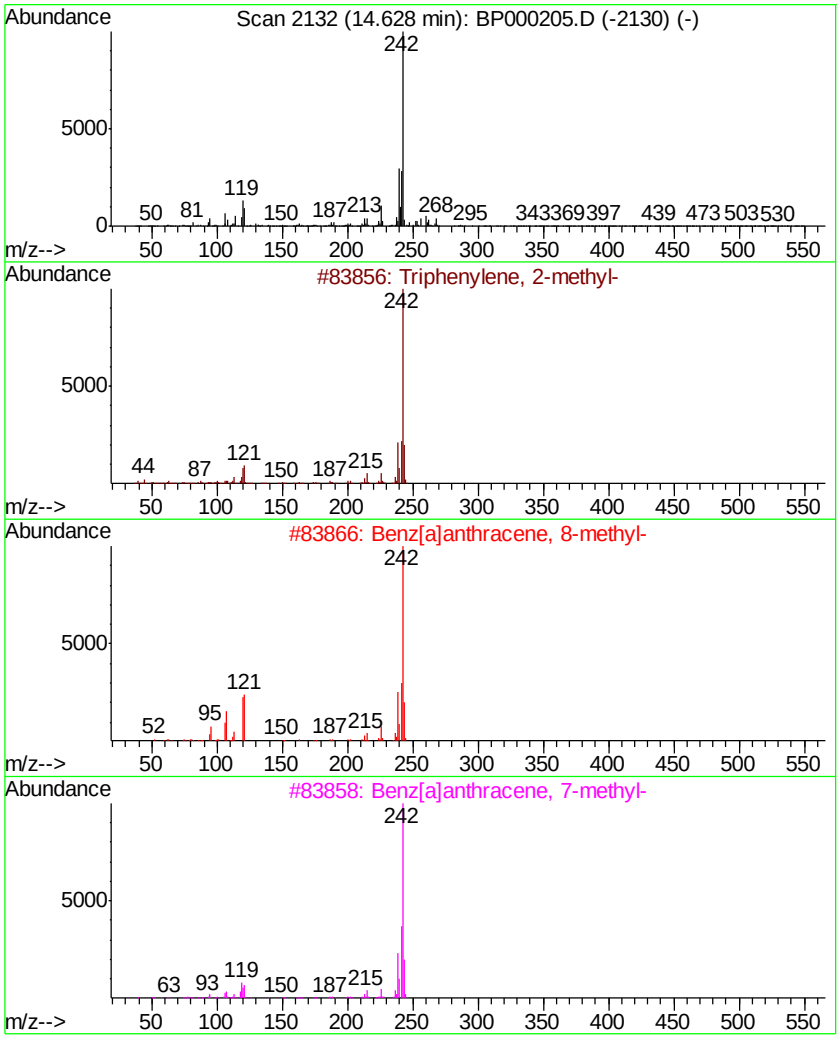
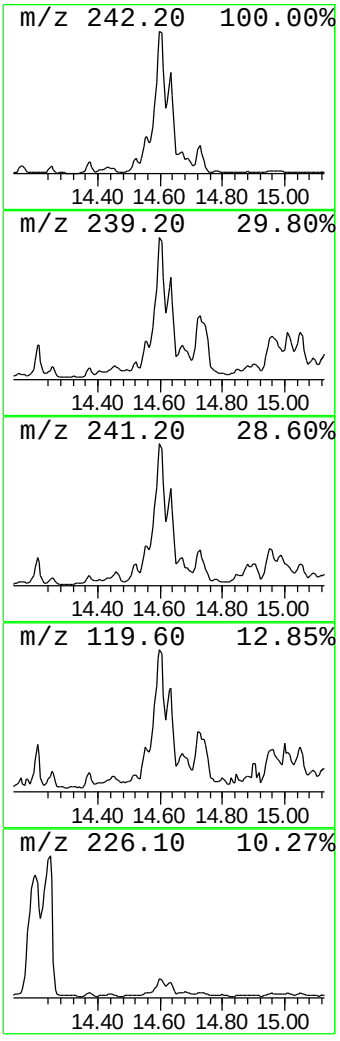
Peak Number 26 Benz[a]anthracene, 8-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.58 ng/ul	3482320	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	83
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	70





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Sample : K4634-09
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ALS Vial : 41 Sample Multiplier: 1

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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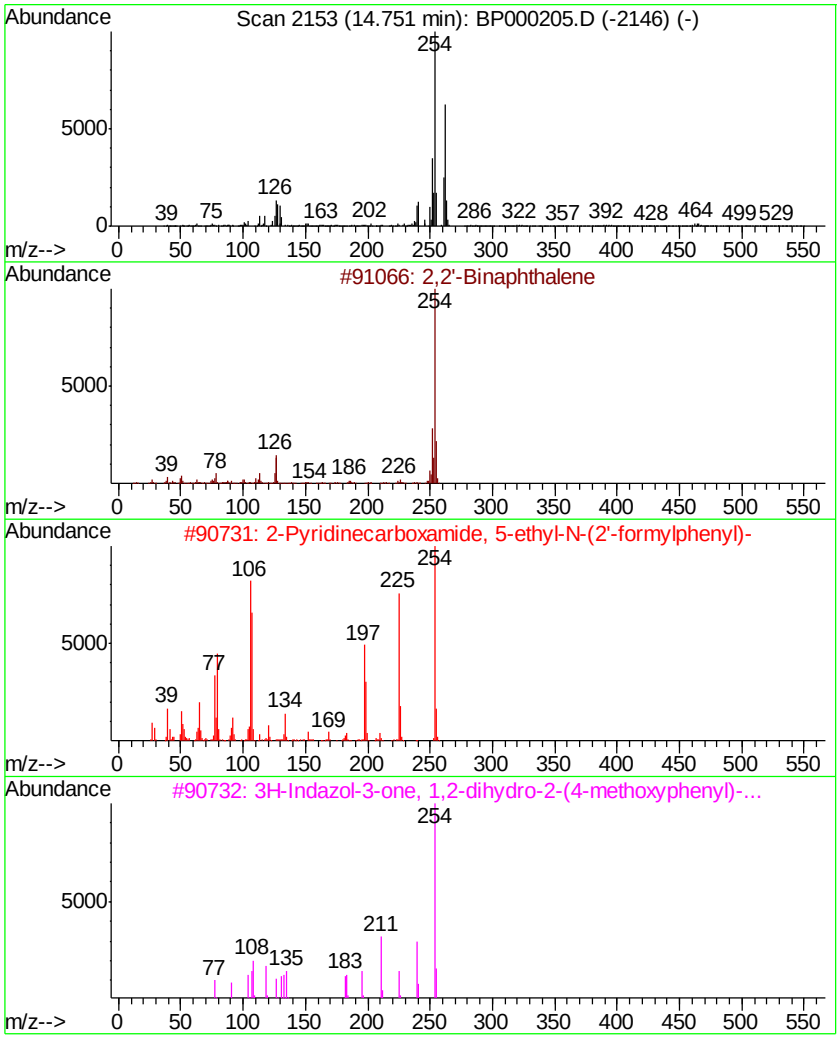
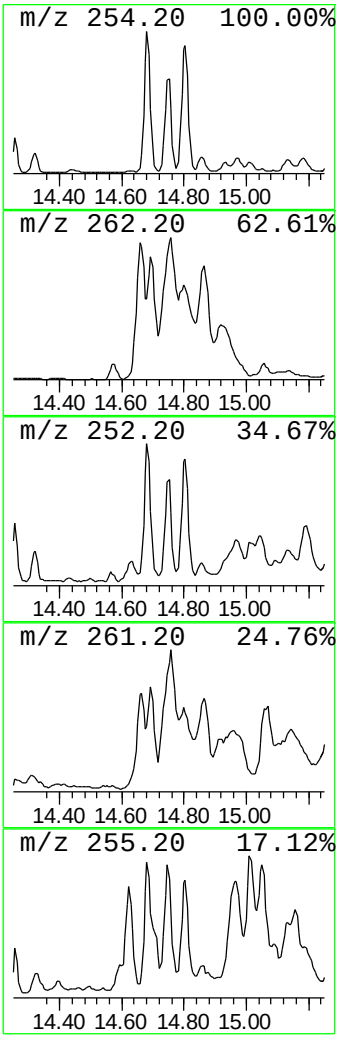
Peak Number 27 2,2'-Binaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.94 ng/ul	3967420	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	56
2	2-Pyridinecarboxamide, 5-ethyl-N...	254	C15H14N2O2	1000163-30-4	42
3	3H-Indazol-3-one, 1,2-dihydro-2-...	254	C15H14N2O2	028561-69-5	32
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	30
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	30





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Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

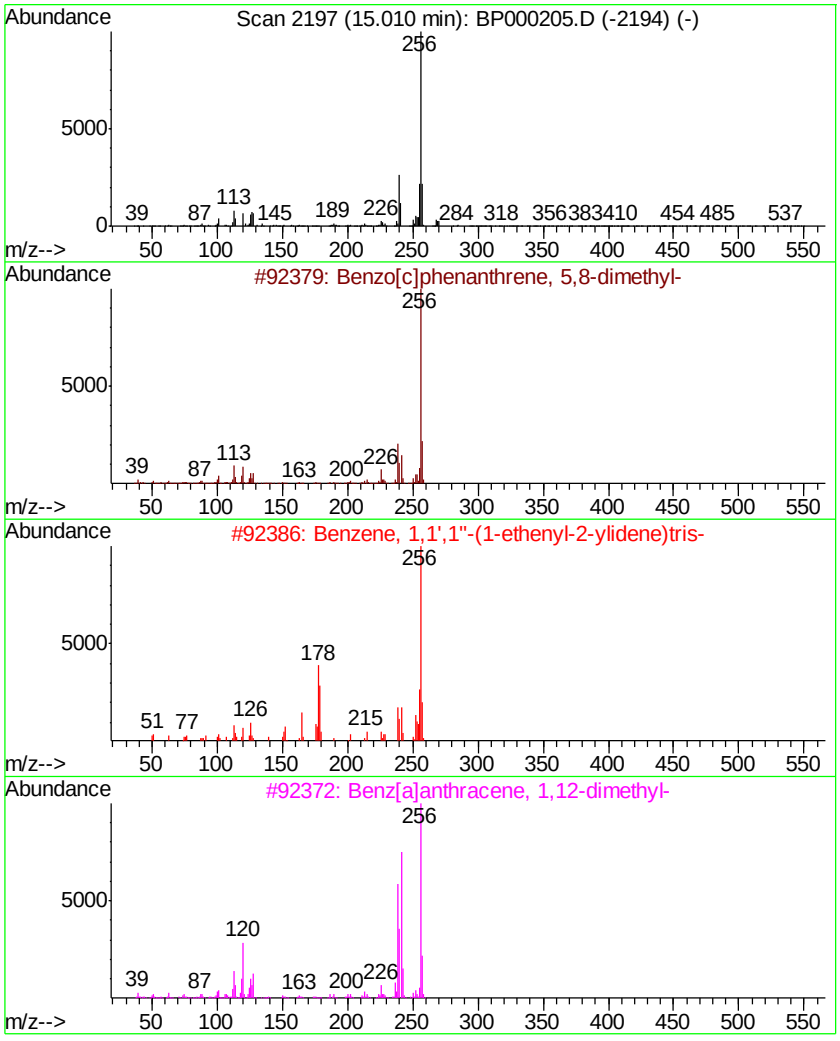
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

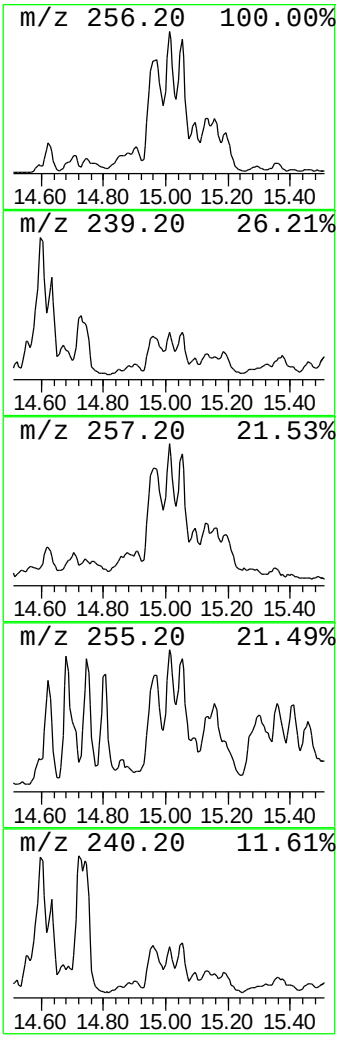
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	11.66 ng/ul	1040640	Perylene-d12	15.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	91
2	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	64
3	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	59
4	1H-Pyrazole, 1-(4-chlorophenyl)-...	256	C15H13ClN2	002535-78-6	59
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

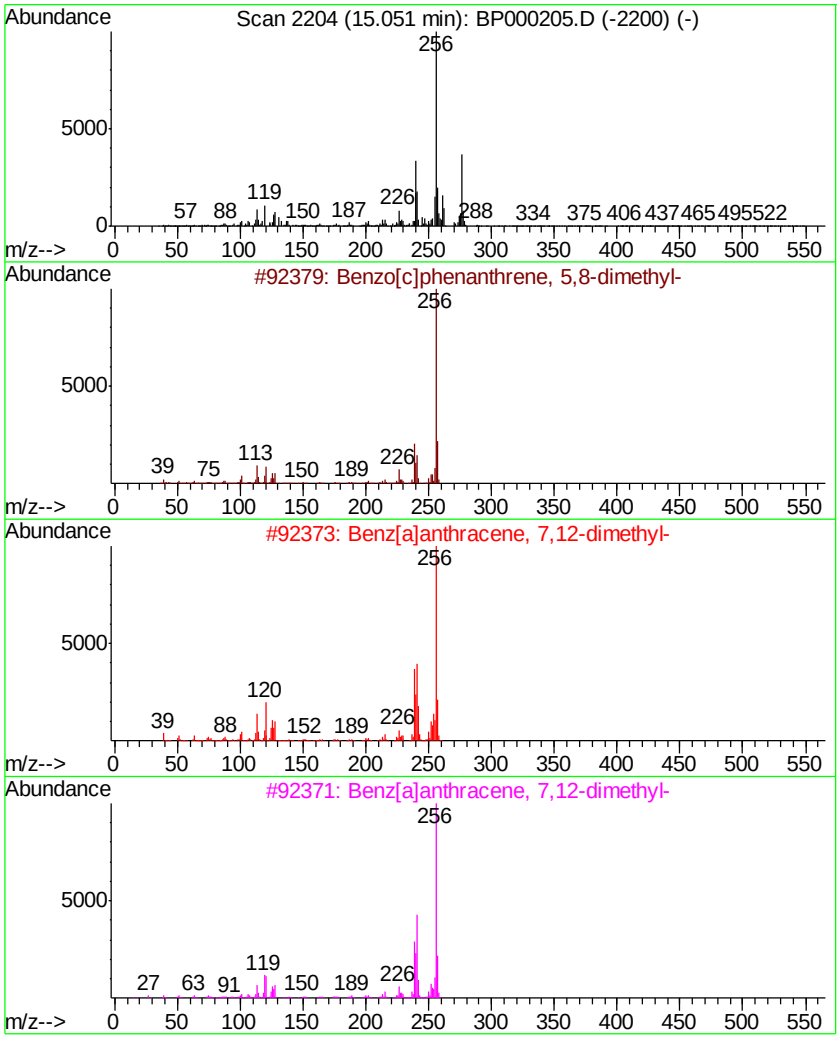
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

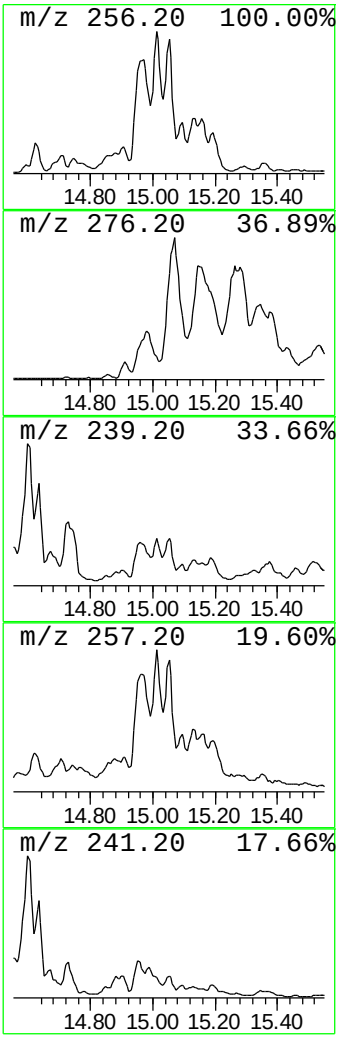
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benz[a]anthracene, 7,12-dim... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	31.15 ng/ul	2779900	Perylene-d12	15.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	92
2	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	86
3	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	86
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	83
5	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D27

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
(DEL) Alkane: Str...	2.57	5.7	ng/ul	452727	1	6.89	1589770	20.0
Naphthalene, 1-me...	9.00	5.0	ng/ul	577297	2	8.18	2297640	20.0
Naphthalene, 1-et...	9.46	2.4	ng/ul	345993	3	9.96	2907190	20.0
Naphthalene, 1,5-...	9.53	3.6	ng/ul	530037	3	9.96	2907190	20.0
Naphthalene, 2,7-...	9.61	3.0	ng/ul	437807	3	9.96	2907190	20.0
1-Isopropenylnaph...	10.58	4.3	ng/ul	630669	3	9.96	2907190	20.0
Diphenylmethane	10.60	4.6	ng/ul	664616	3	9.96	2907190	20.0
1,1'-Biphenyl, 2-...	10.65	2.5	ng/ul	371278	3	9.96	2907190	20.0
[1,1'-Biphenyl]-4...	10.67	5.7	ng/ul	827076	3	9.96	2907190	20.0
Phenanthrene, 2-m...	11.99	4.4	ng/ul	7476330	4	11.47	34087900	20.0
Phenanthrene, 1-m...	12.02	5.2	ng/ul	8799300	4	11.47	34087900	20.0
4H-Cyclopenta[def...	12.10	4.4	ng/ul	7442280	4	11.47	34087900	20.0
2-Phenylnaphthalene	12.29	2.6	ng/ul	4465600	4	11.47	34087900	20.0
Phenanthrene, 2,5...	12.55	2.5	ng/ul	4338770	4	11.47	34087900	20.0
Benzo[b]naphtho[2...	13.08	4.5	ng/ul	6069660	5	14.20	26998800	20.0
Fluoranthene, 2-m...	13.18	4.2	ng/ul	5674320	5	14.20	26998800	20.0
Pyrene, 1-methyl-	13.29	8.2	ng/ul	11032200	5	14.20	26998800	20.0
11H-Benzo[b]fluorene	13.36	3.8	ng/ul	5063780	5	14.20	26998800	20.0
o-Terphenyl	13.73	7.0	ng/ul	9510390	5	14.20	26998800	20.0
Benzo[b]naphtho[2...	13.93	5.6	ng/ul	7521590	5	14.20	26998800	20.0
Cyclopenta(cd)pyr...	13.96	4.1	ng/ul	5576370	5	14.20	26998800	20.0
Benzene, 1-bromo-...	13.98	3.4	ng/ul	4548650	5	14.20	26998800	20.0
Benzo[b]naphtho[2...	14.36	4.3	ng/ul	5871310	5	14.20	26998800	20.0
Triphenylene, 2-m...	14.60	5.9	ng/ul	8012800	5	14.20	26998800	20.0
Benz[a]anthracene...	14.63	2.6	ng/ul	3482320	5	14.20	26998800	20.0
2,2'-Binaphthalene	14.75	2.9	ng/ul	3967420	5	14.20	26998800	20.0
Benzo[c]phenanthr...	15.01	11.7	ng/ul	1040640	6	15.76	1784660	20.0
Benz[a]anthracene...	15.05	31.1	ng/ul	2779900	6	15.76	1784660	20.0