LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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	1139748	1462261	19.22%	2.240%
2	2.281	30	33	38	rVB2	9102	12129	0.16%	0.019%
3	3.781	281	288	298	rVB	9301	16657	0.22%	0.026%
4	3.975	317	321	323	rBV	6626	8895	0.12%	0.014%
5	4.005	323	326	330	rVB	13607	16069	0.21%	0.025%
6	6.516	749	753	759	rBV2	127910	126081	1.66%	0.193%
7	6.575	760	763	773	rVB	111784	89510	1.18%	0.137%
8	6.663	775	778	783	rBV	151173	116159	1.53%	0.178%
9	6.899	814	818	821	rBV	1789131	1352768	17.78%	2.072%
10	7.081	846	849	853	rVB	12127	9378	0.12%	0.014%
11	7.263	877	880	884	rBV	160053	124266	1.63%	0.190%
12	7.452	906	912	918	rBV	124766	101629	1.34%	0.156%
13	7.781	964	968	974	rBV	84838	72040	0.95%	0.110%
14	8.022	1005	1009	1016	rBV	158979	131771	1.73%	0.202%
15	8.181	1033	1036	1039	rBV	2334371	1834415	24.11%	2.810%
16	8.205	1039	1040	1043	rVV	168505	84830	1.11%	0.130%
17	8.240	1043	1046	1056	rVB2	33937	44040	0.58%	0.067%
18	8.899	1155	1158	1163	rBV	86994	70208	0.92%	0.108%
19	8.999	1171	1175	1179	rBV	54571	44560	0.59%	0.068%
20	9.363	1234	1237	1241	rVB	18349	16199	0.21%	0.025%
21	9.463	1251	1254	1258	rBV	28869	29725	0.39%	0.046%
22	9.534	1262	1266	1269	rBV	29463	42495	0.56%	0.065%
23	9.604	1275	1278	1280	rBV2	37075	37437	0.49%	0.057%
24	9.634	1280	1283	1285	rVV	257705	194729	2.56%	0.298%
25	9.657	1285	1287	1290	rVB	52926	44469	0.58%	0.068%
26	9.722	1296	1298	1300	rBV2	23776	23006	0.30%	0.035%
27	9.793	1307	1310	1316	rBV	301252	330852	4.35%	0.507%
28	9.951	1333	1337	1340	rBV	2647319	2104581	27.66%	3.224%
29	9.981	1340	1342	1346	rVB	602014	540022	7.10%	0.827%
30	10.157	1369	1372	1377	rVB	188025	185714	2.44%	0.284%
31	10.475	1423	1426	1429	rBV	321993	264531	3.48%	0.405%
32	10.504	1429	1431	1436	rVB	242097	196896	2.59%	0.302%
33	10.551	1436	1439	1441	rBV2	29544	37074	0.49%	0.057%
34	10.575	1441	1443	1444	rVV	43644	34272	0.45%	0.052%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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	10.593	1444	1446	1449	rVV	51400	42254	0.56%	0.065%
36	10.622	1449	1451	1452	rVV	19481	15113	0.20%	0.023%
37	10.640	1452	1454	1456	rVV	40707	32270	0.42%	0.049%
38	10.663	1456	1458	1463	rVB	56307	52111	0.68%	0.080%
39	10.746	1470	1472	1476	rVB	53802	60394	0.79%	0.093%
40	10.875	1490	1494	1499	rBV	105407	107275	1.41%	0.164%
41	11.040	1518	1522	1524	rBV2	40990	59813	0.79%	0.092%
42	11.093	1529	1531	1534	rVB	26312	24895	0.33%	0.038%
43	11.193	1543	1548	1550	rBV4	26483	46012	0.60%	0.070%
44	11.257	1556	1559	1564	rBV	197327	202307	2.66%	0.310%
45	11.316	1565	1569	1572	rBV2	142278	152550	2.01%	0.234%
46	11.351	1572	1575	1581	rVB	212634	206968	2.72%	0.317%
47	11.457	1590	1593	1595	rBV	2206191	2191520	28.80%	3.357%
48	11.487	1595	1598	1601	rVV	3735751	3670790	48.25%	5.623%
49	11.516	1601	1603	1604	rVV	418014	353858	4.65%	0.542%
50	11.534	1604	1606	1610	rVV	704497	665867	8.75%	1.020%
51	11.569	1610	1612	1617	rVB	114812	120426	1.58%	0.184%
52	11.693	1627	1633	1641	rBV2	508227	651518	8.56%	0.998%
53	11.757	1642	1644	1648	rVV3	40755	45109	0.59%	0.069%
54	11.798	1648	1651	1654	rBV	77784	79058	1.04%	0.121%
55	11.969	1677	1680	1683	rBV	423423	409348	5.38%	0.627%
56	11.998	1683	1685	1690	rVB	645352	589398	7.75%	0.903%
57	12.046	1691	1693	1696	rVB	130647	112369	1.48%	0.172%
58	12.087	1696	1700	1702	rBV2	532160	598065	7.86%	0.916%
59	12.181	1713	1716	1718	rBV2	50718	50669	0.67%	0.078%
60	12.269	1728	1731	1734	rBV	250095	261507	3.44%	0.401%
61	12.298	1734	1736	1742	rVB	230177	270906	3.56%	0.415%
62	12.428	1755	1758	1761	rBV	107558	104928	1.38%	0.161%
63	12.457	1761	1763	1765	rBV	138228	125768	1.65%	0.193%
64	12.481	1765	1767	1772	rVB	140175	148047	1.95%	0.227%
65	12.534	1773	1776	1779	rBV	198596	244426	3.21%	0.374%
66	12.569	1780	1782	1785	rVB3	59867	51999	0.68%	0.080%
67	12.622	1788	1791	1796	rBV	230215	268531	3.53%	0.411%
68	12.704	1800	1805	1811	rBV	5815470	6733151	88.50%	10.314%
69	12.851	1826	1830	1835	rBV2	190867	250888	3.30%	0.384%
70	12.940	1838	1845	1851	rBV	5016199	7391115	97.15%	11.322%
71	13.057	1861	1865	1868	rBV	273683	337658	4.44%	0.517%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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	13.098	1868	1872	1877	rVB	269643	381677	5.02%	0.585%
73	13.163	1877	1883	1886	rBV3	315558	599727	7.88%	0.919%
74	13.269	1894	1901	1906	rBV	590997	1048656	13.78%	1.606%
75	13.340	1910	1913	1916	rBV	286556	306461	4.03%	0.469%
76	13.381	1916	1920	1928	rVV3	646469	1109437	14.58%	1.699%
77	13.475	1932	1936	1939	rBV2	303215	404419	5.32%	0.619%
78	13.504	1939	1941	1946	rVB	297434	339455	4.46%	0.520%
79	13.710	1966	1976	1979	rBV2	278017	637442	8.38%	0.976%
80	13.804	1988	1992	1999	rBV	355760	554260	7.29%	0.849%
81	13.910	2006	2010	2013	rBV2	685681	1119990	14.72%	1.716%
82	14.022	2026	2029	2036	rVB	311364	489676	6.44%	0.750%
83	14.087	2037	2040	2046	rVB	116169	148199	1.95%	0.227%
84	14.169	2047	2054	2057	rBV2	3098469	6190535	81.37%	9.483%
85	14.204	2057	2060	2068	rVB	2805107	4795746	63.03%	7.346%
86	14.575	2119	2123	2127	rBV	518732	914412	12.02%	1.401%
87	15.310	2239	2248	2260	rBV2	1972386	7608190	100.00%	11.654%
88	15.628	2296	2302	2307	rBV3	816588	2106634	27.69%	3.227%

Sum of corrected areas: 65283465

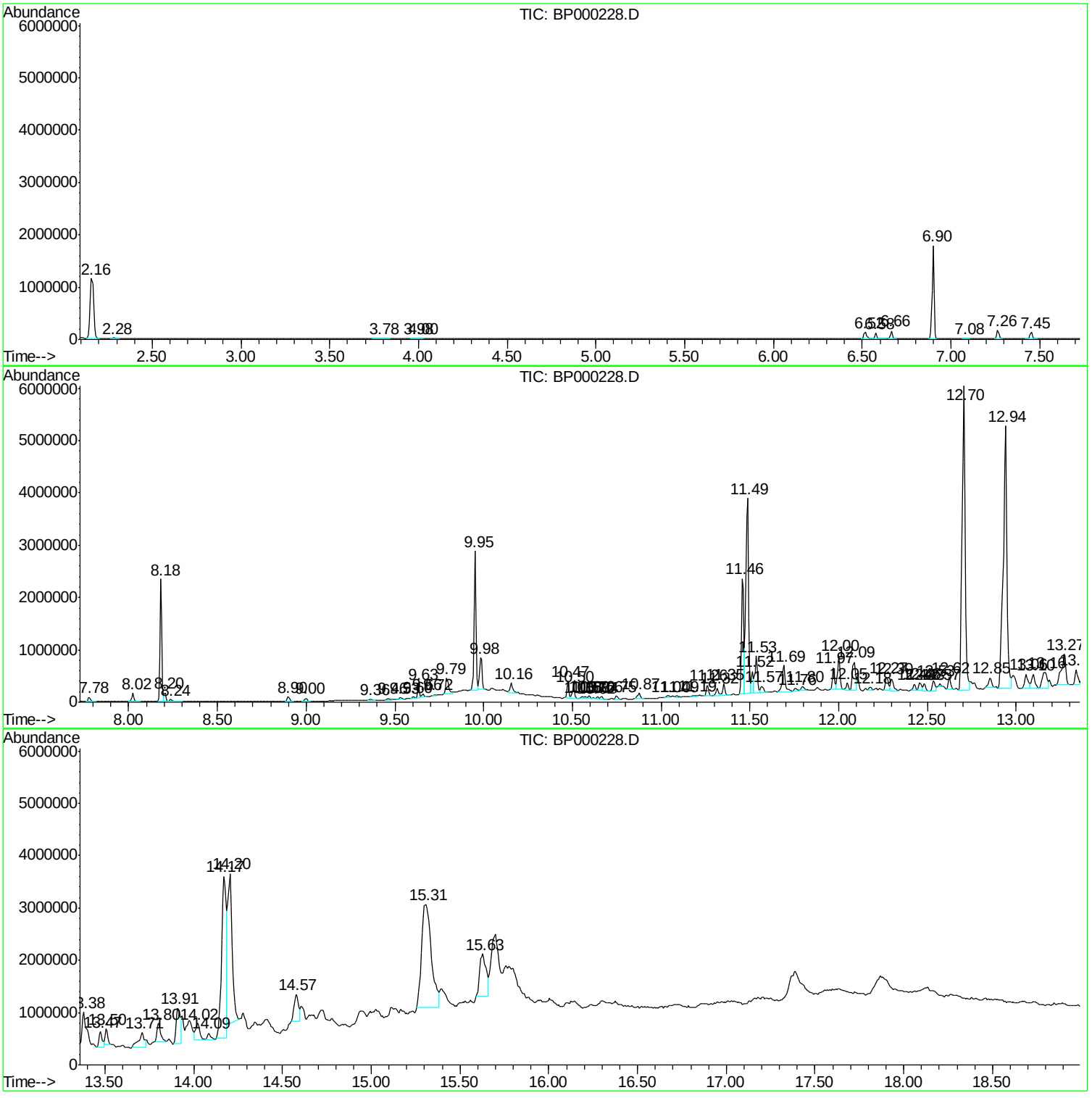
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

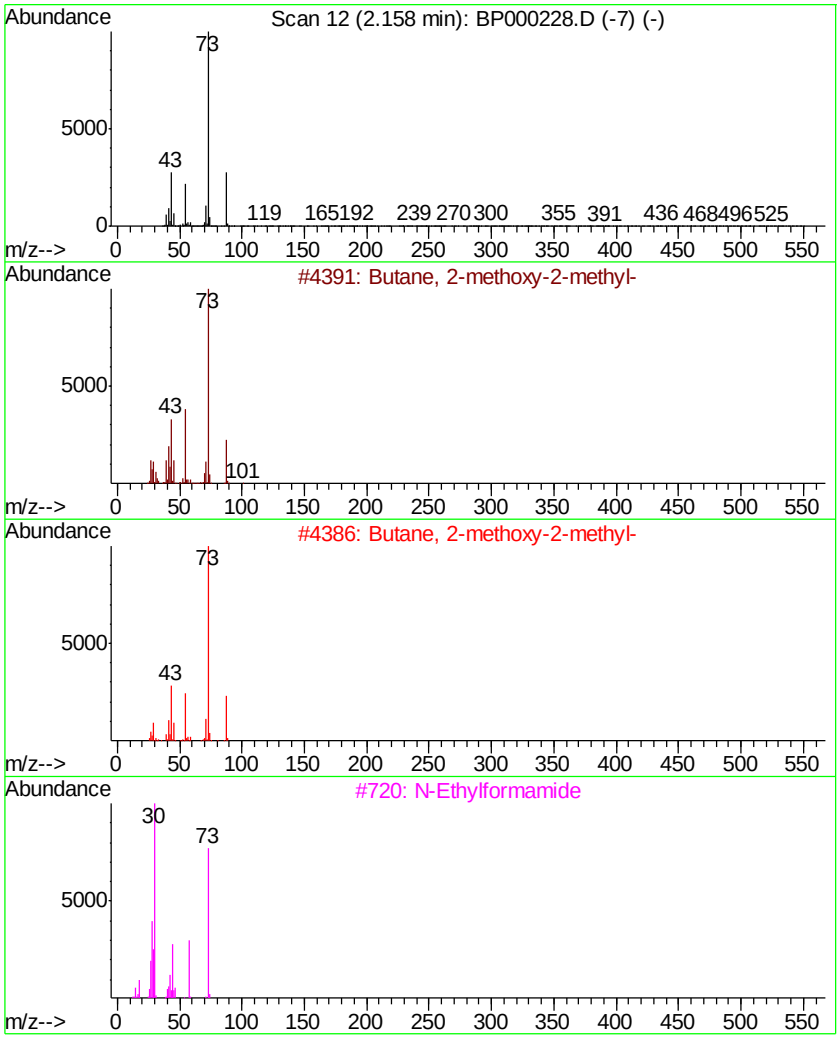
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

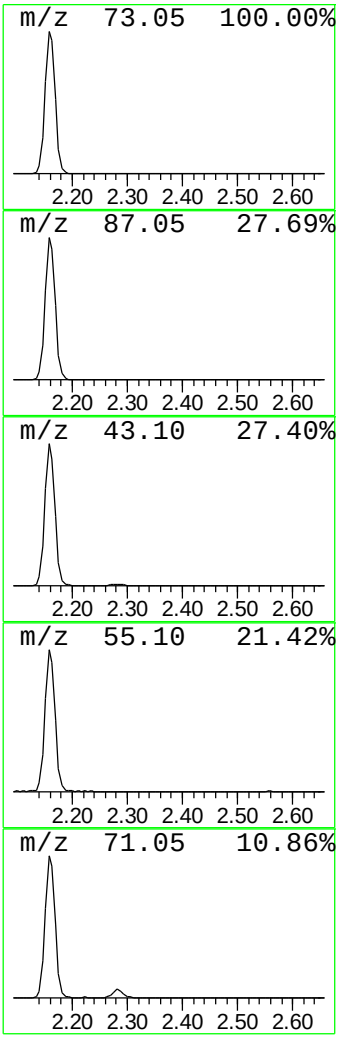
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	21.62 ng/ul	1462260	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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

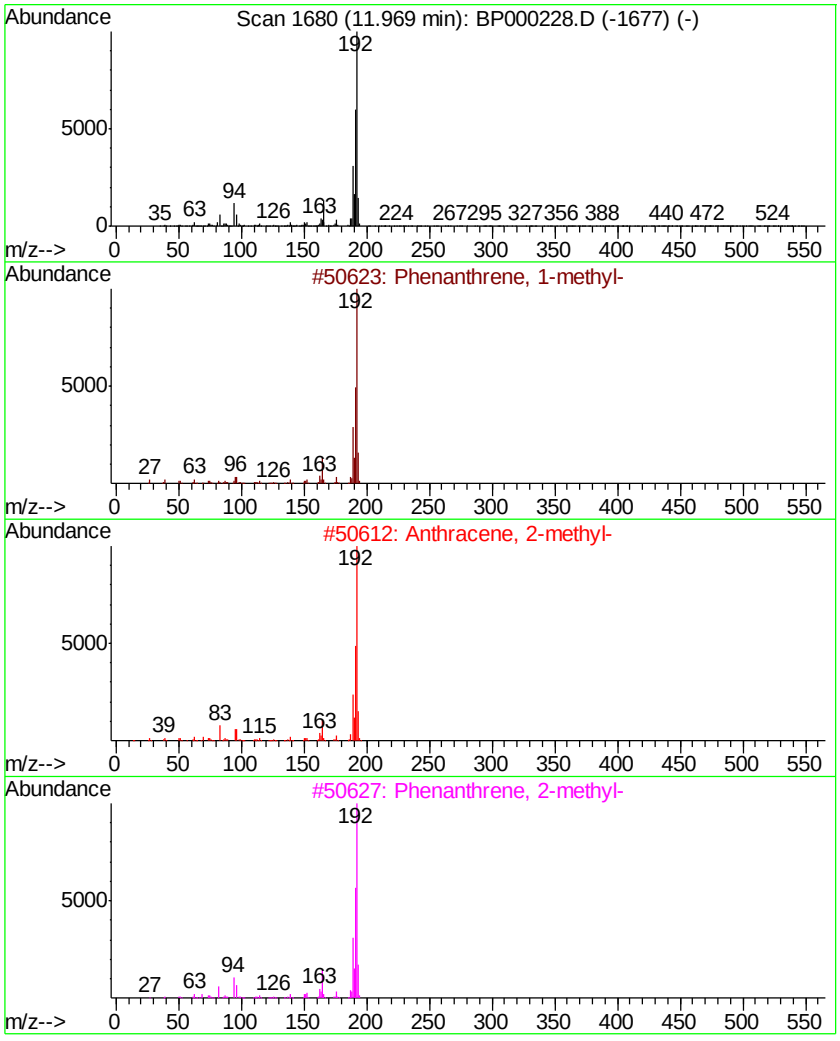
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

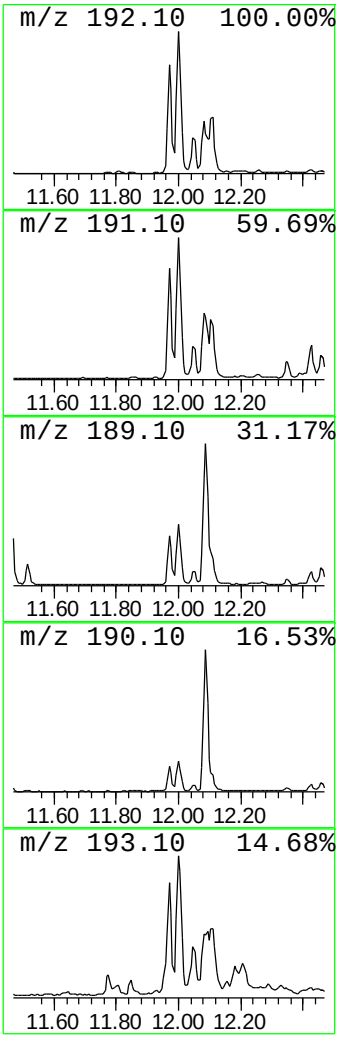
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.74 ng/ul	409348	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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

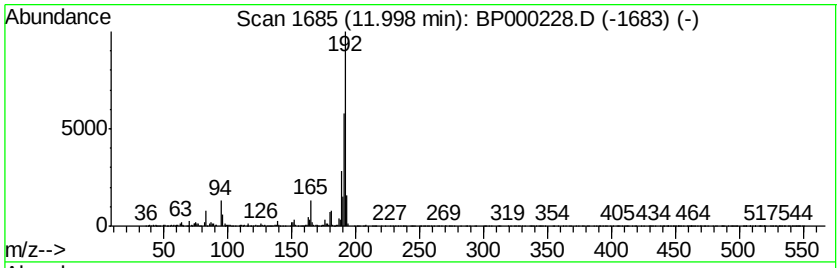
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

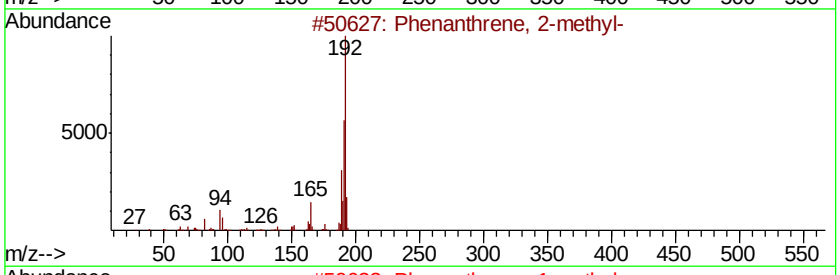
****

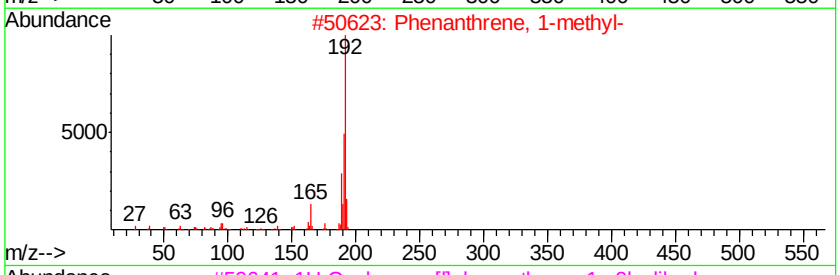
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

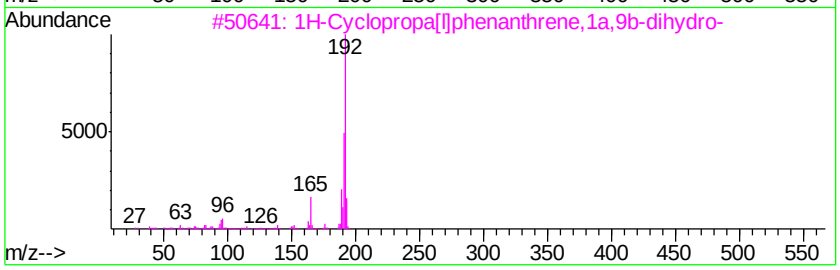
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.38 ng/ul	589398	Phenanthrene-d10	11.46

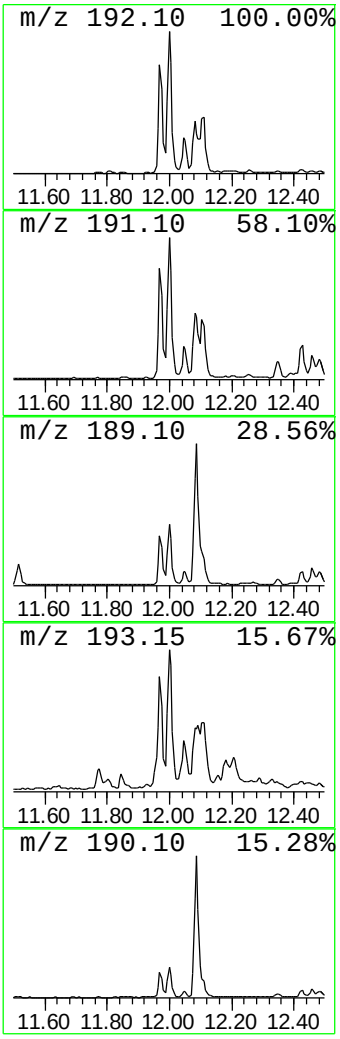
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2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











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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

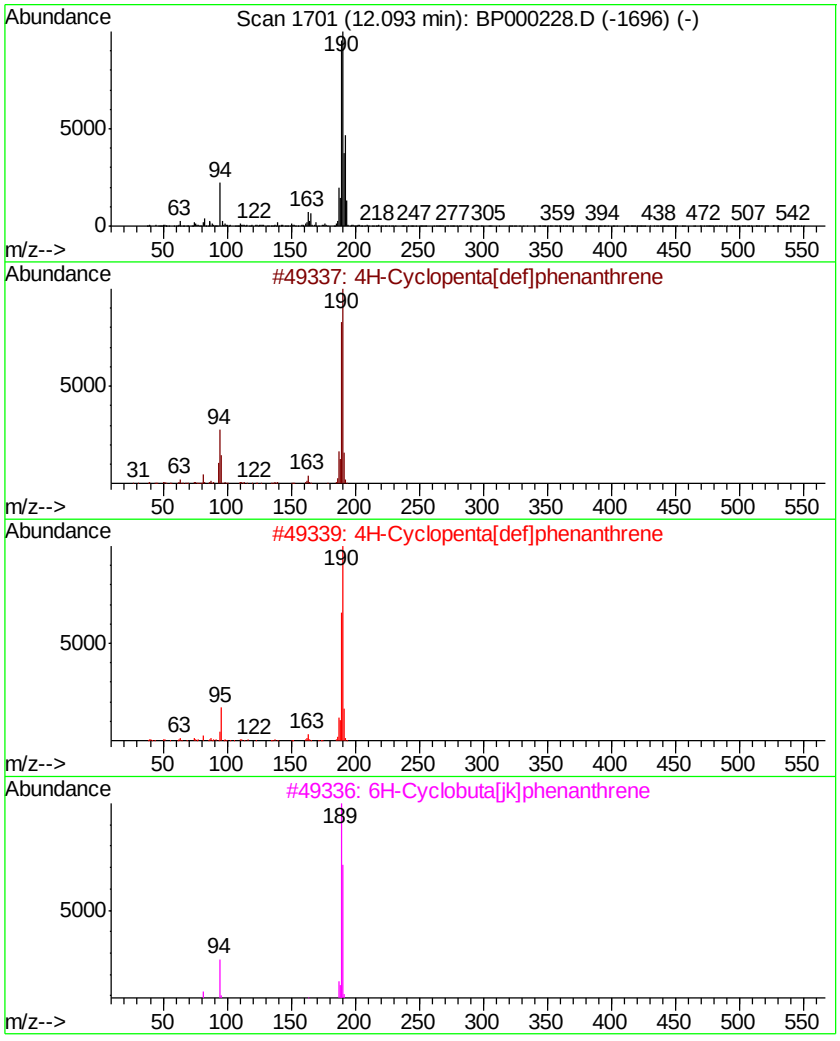
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

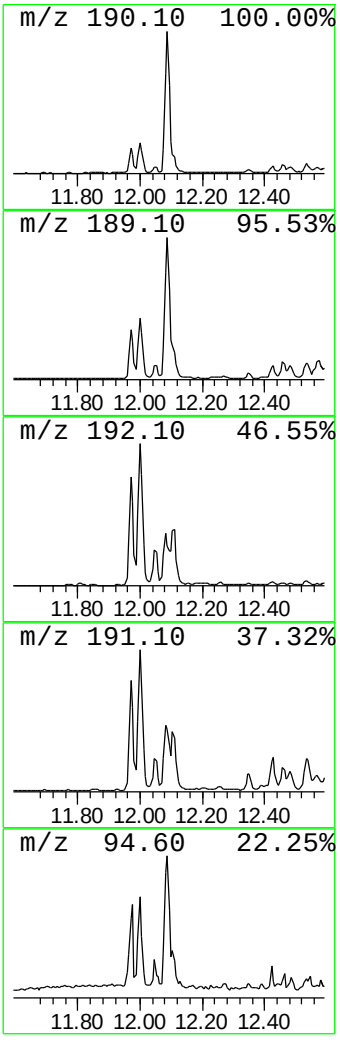
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.46 ng/ul	598065	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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

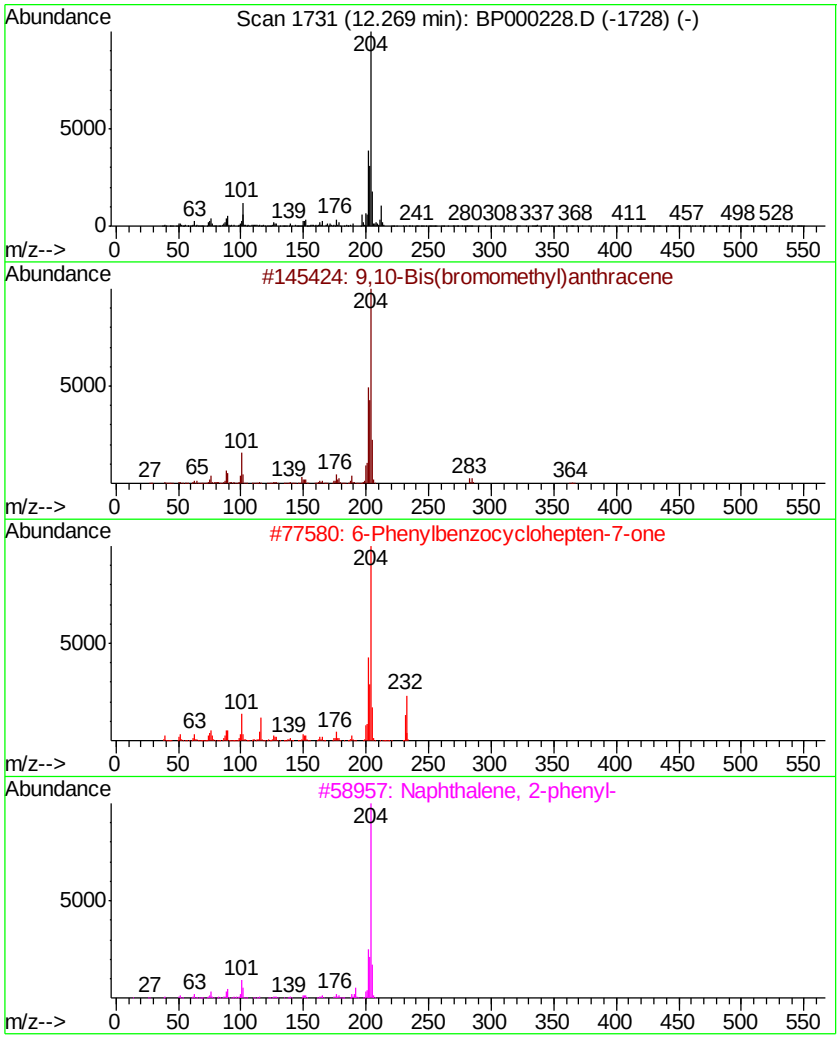
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

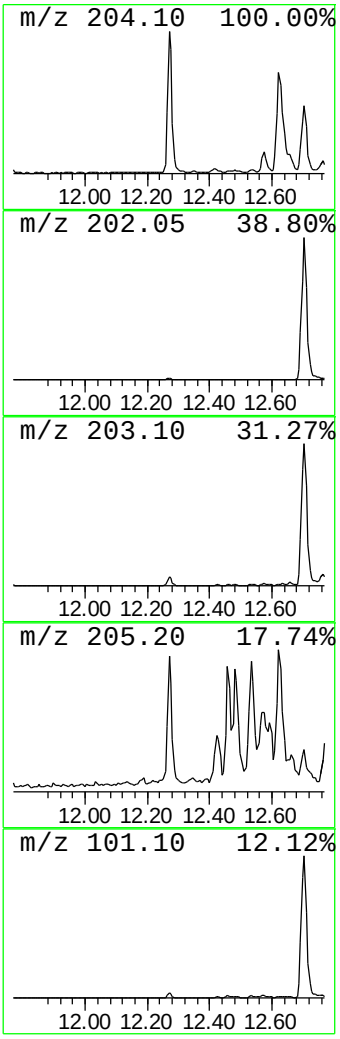
****

Peak Number 5 9,10-Bis(bromomethyl)anthra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.39 ng/ul	261507	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Library Search Compound Report

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Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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Quant Title : SVOA CALIBRATION

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

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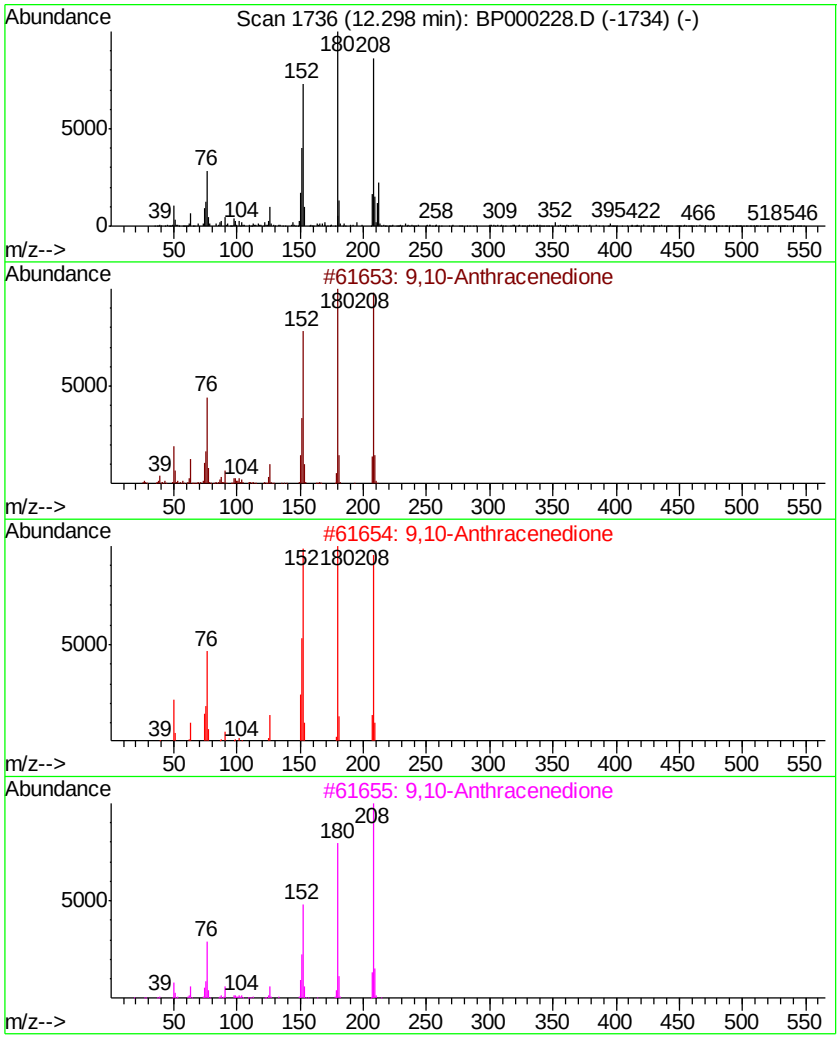
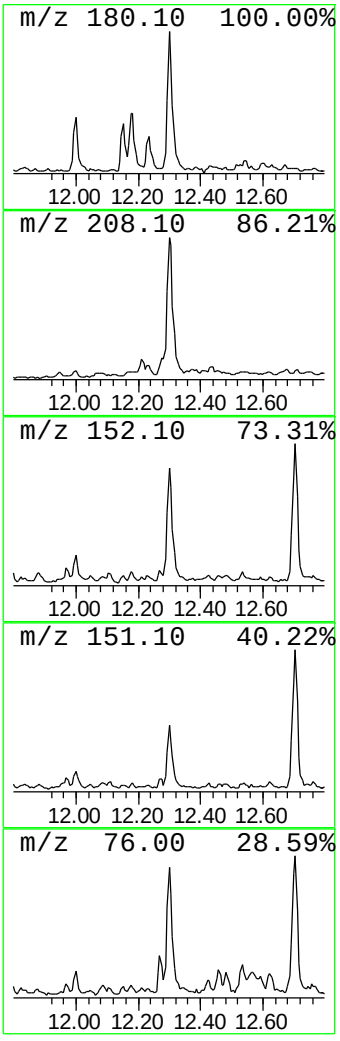
Peak Number 6 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.47 ng/ul	270906	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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Quant Title : SVOA CALIBRATION

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

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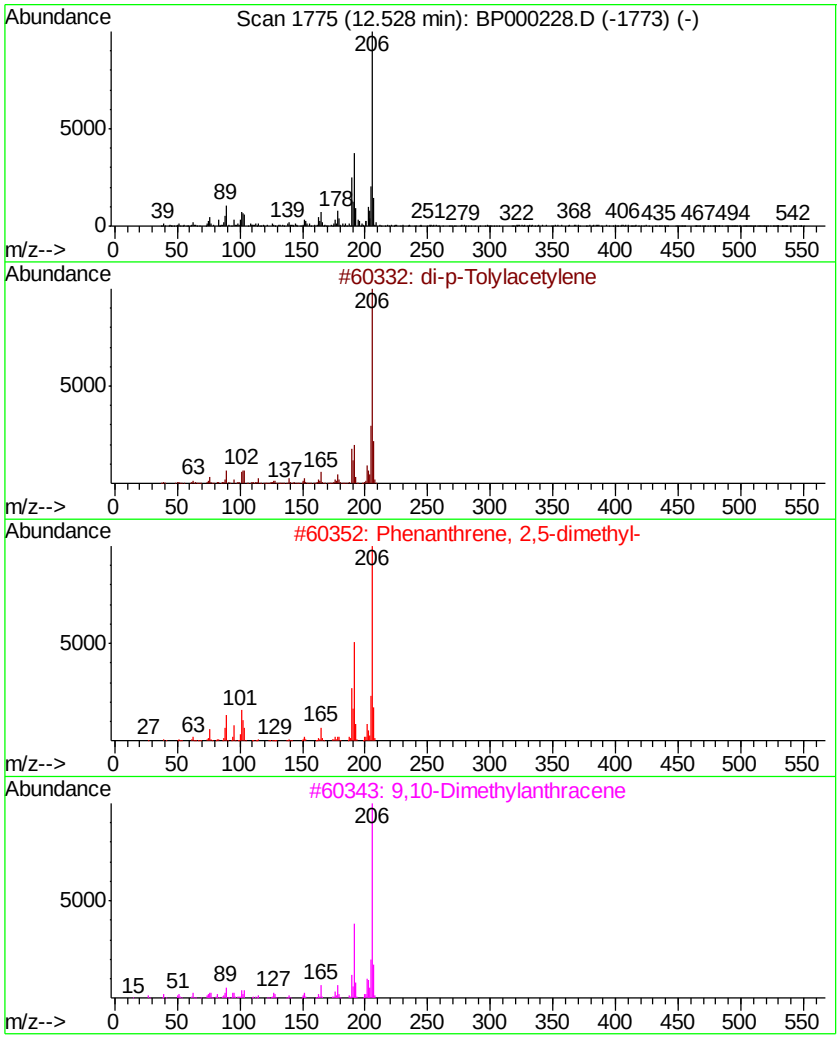
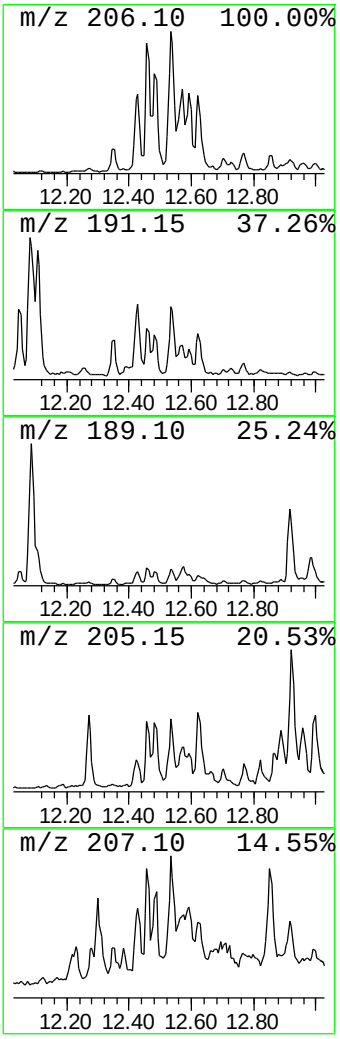
Peak Number 7 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.23 ng/ul	244426	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 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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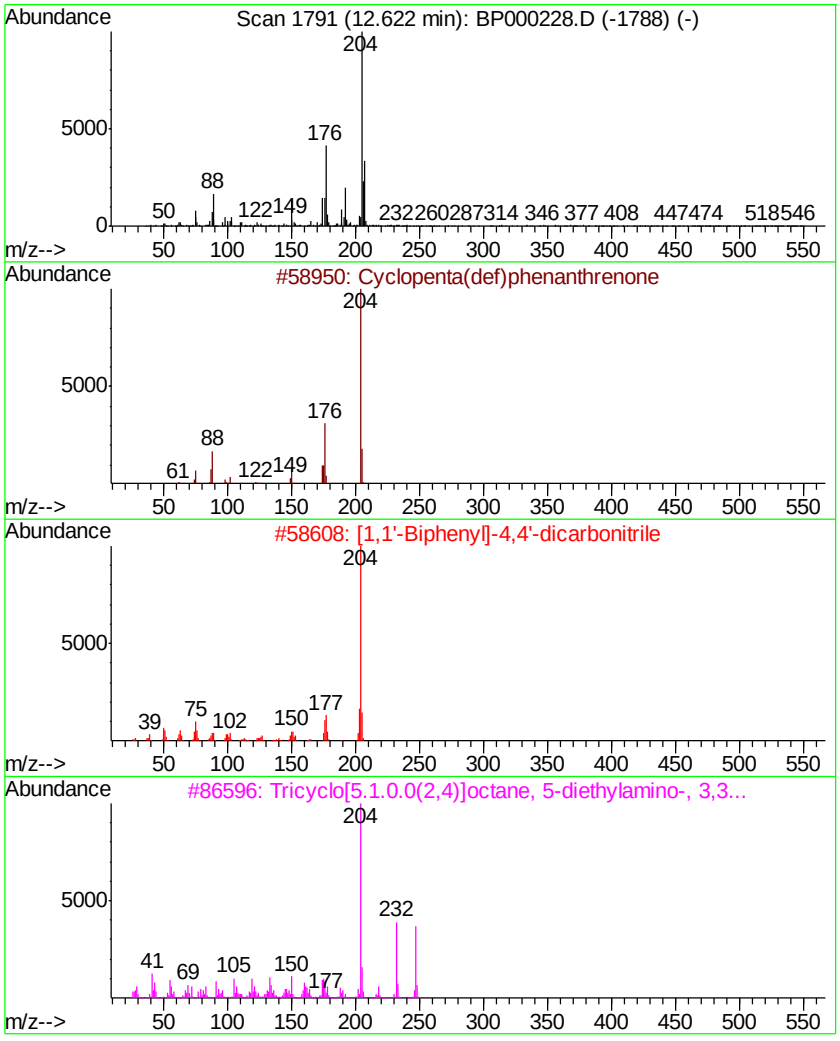
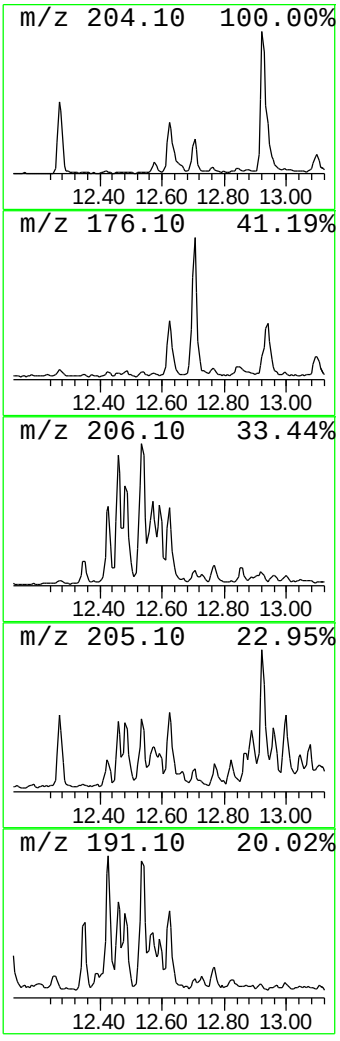
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.45 ng/ul	268531	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





Library Search Compound Report

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Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
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Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : F2D30DL

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Quant Title : SVOA CALIBRATION

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

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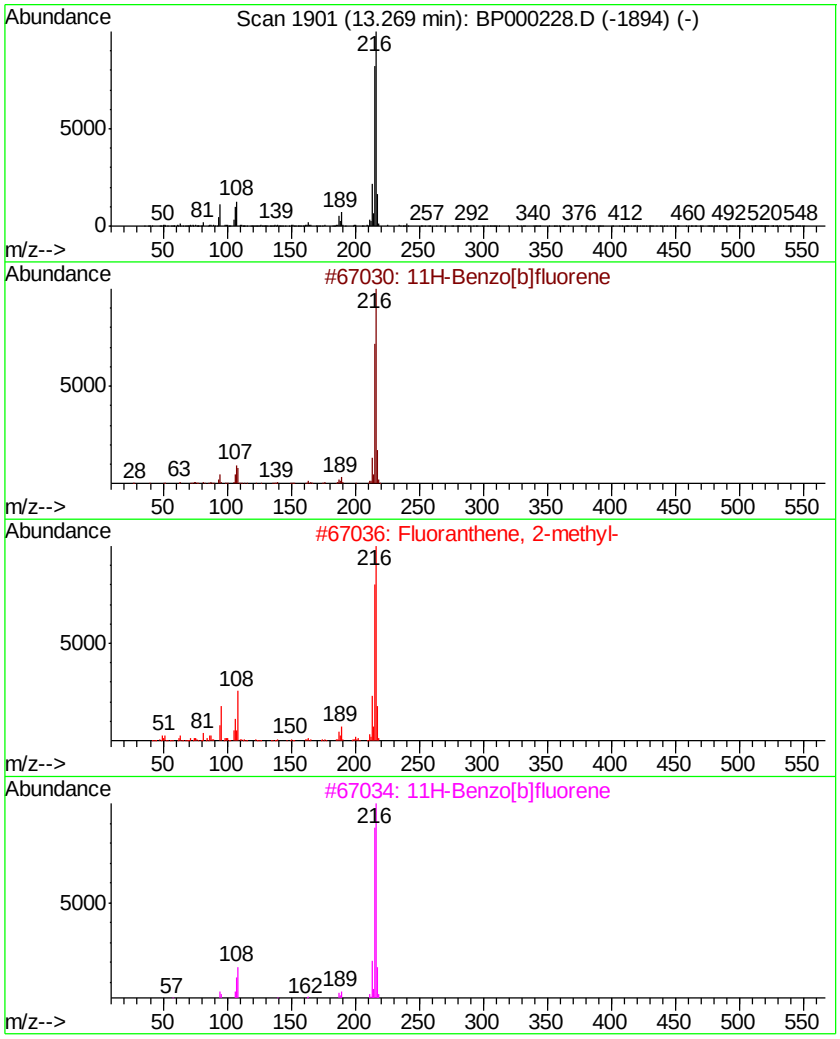
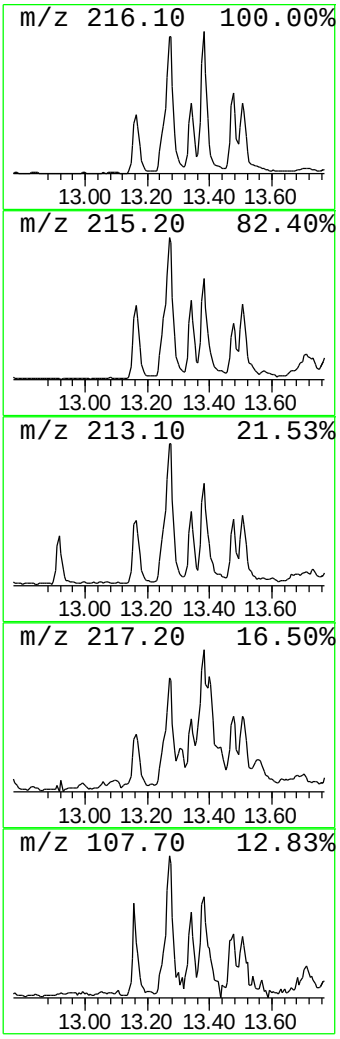
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.39 ng/ul	1048660	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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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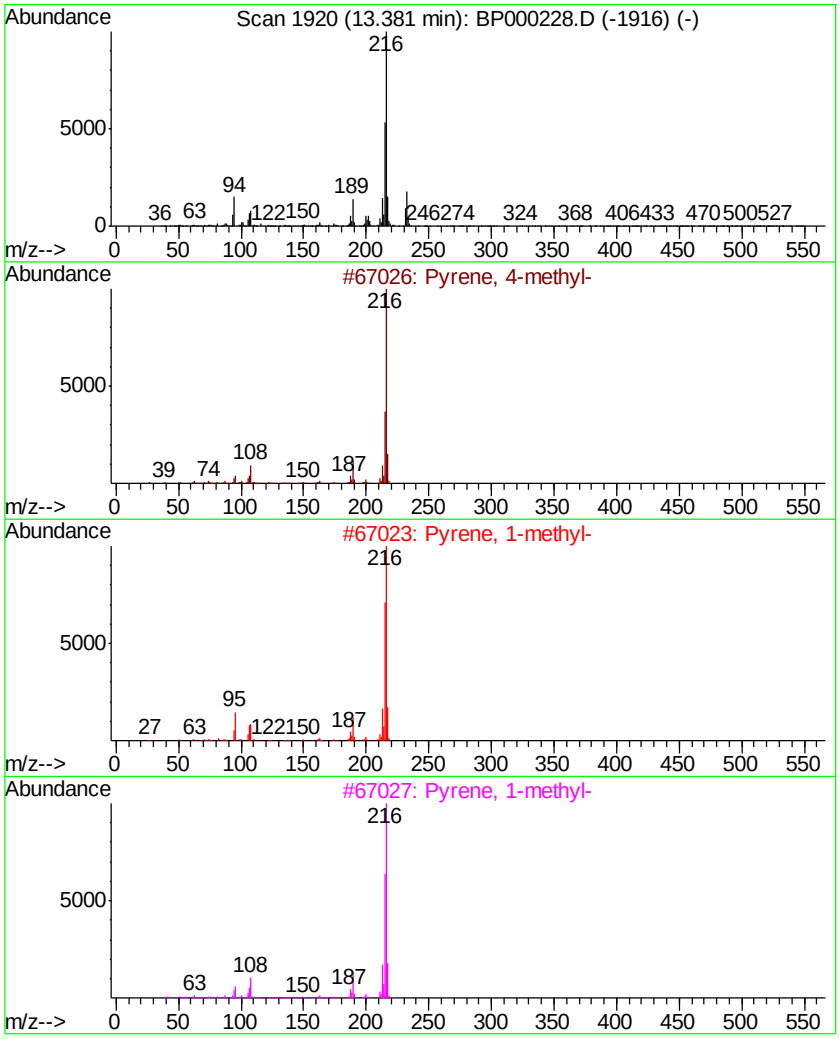
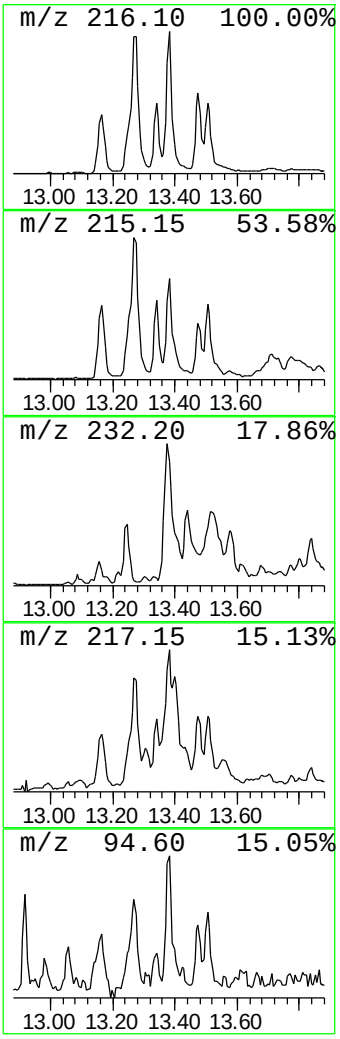
Peak Number 10 Pyrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.58 ng/ul	1109440	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92





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Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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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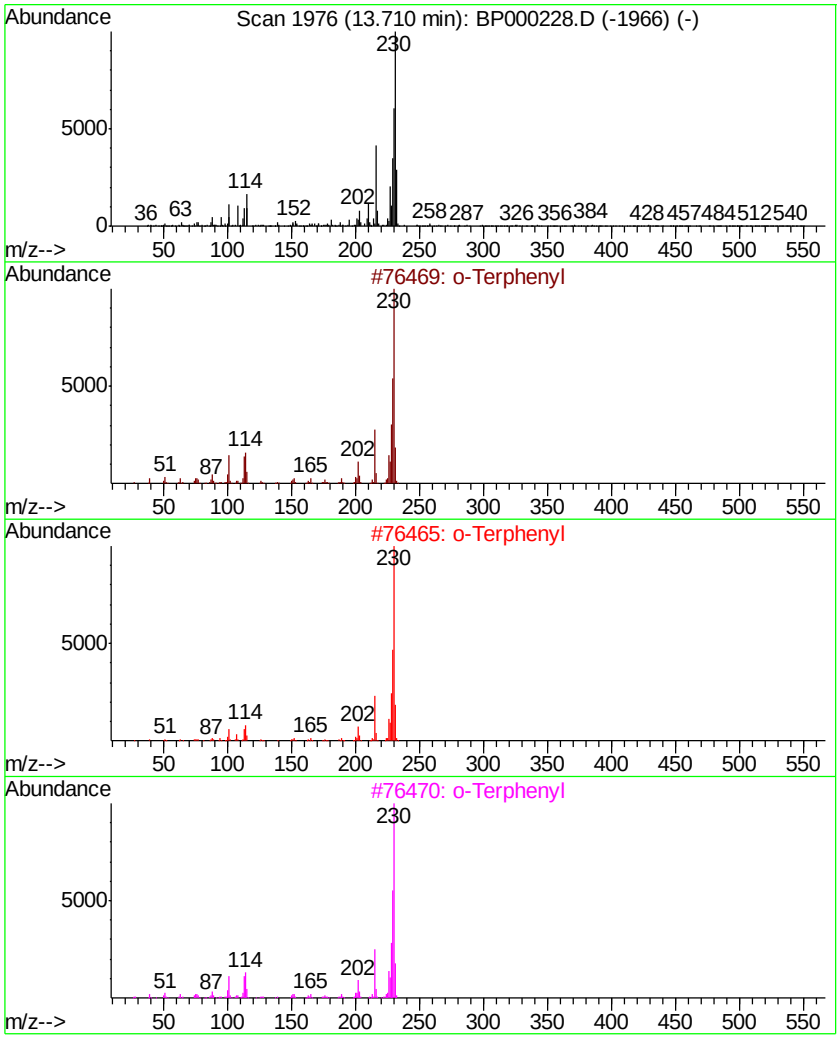
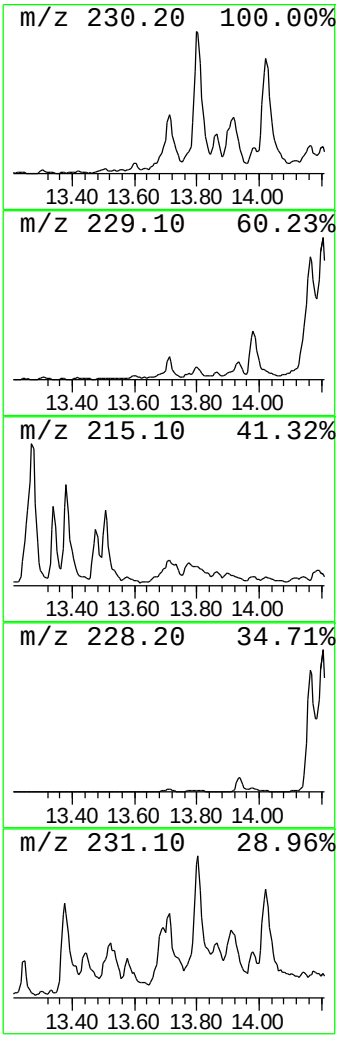
Peak Number 11 o-Terphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.06 ng/ul	637442	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	90
2	o-Terphenyl	230	C18H14	000084-15-1	89
3	o-Terphenyl	230	C18H14	000084-15-1	86
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	60
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	47





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Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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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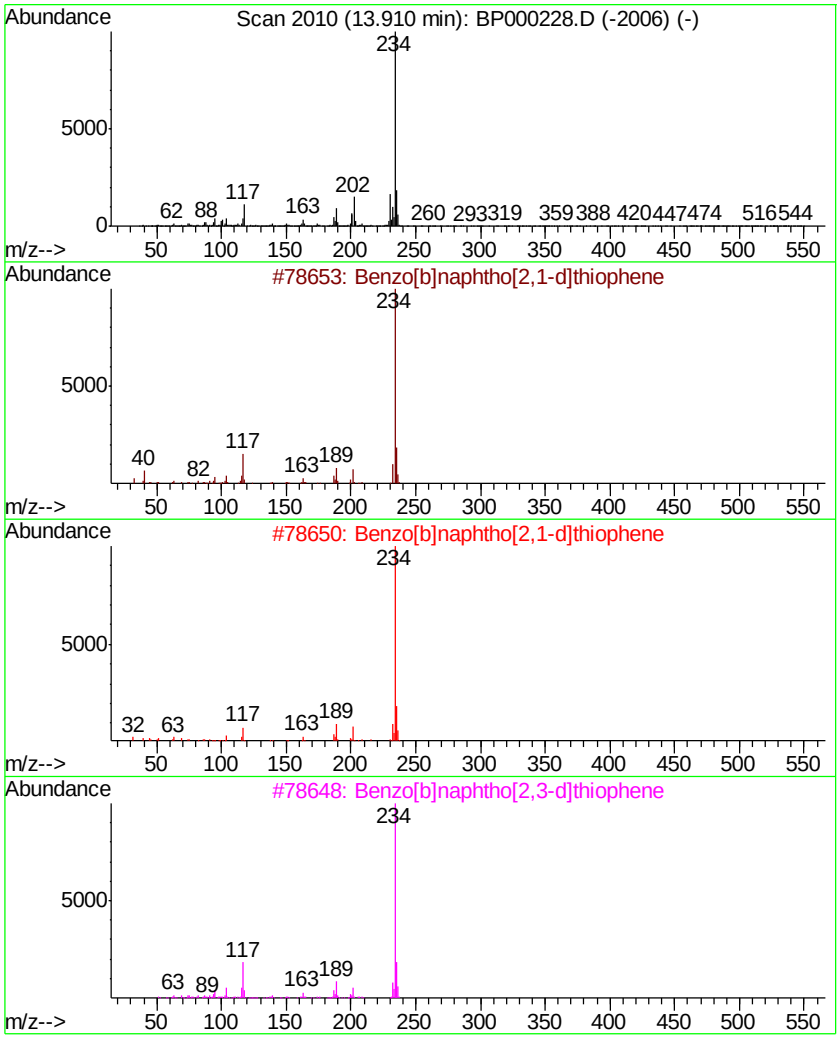
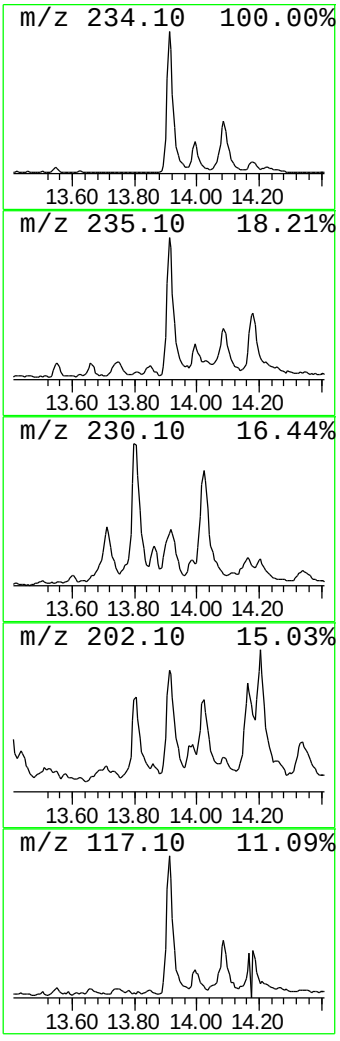
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.62 ng/ul	1119990	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87





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Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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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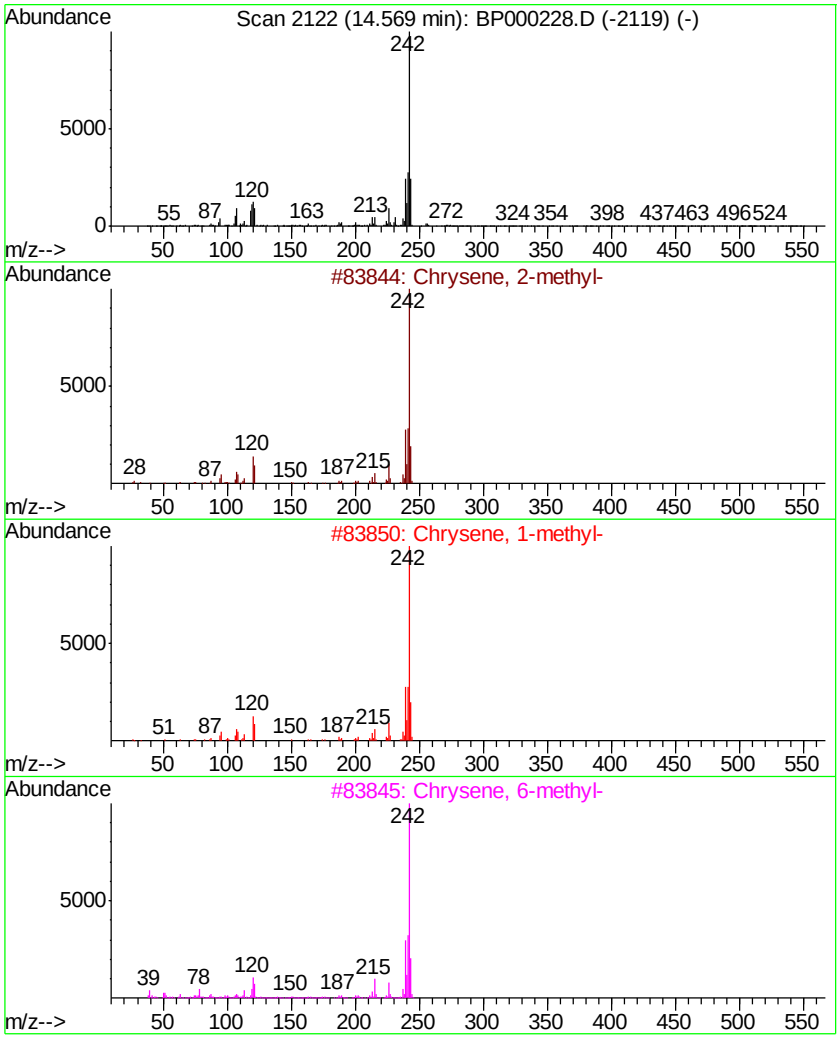
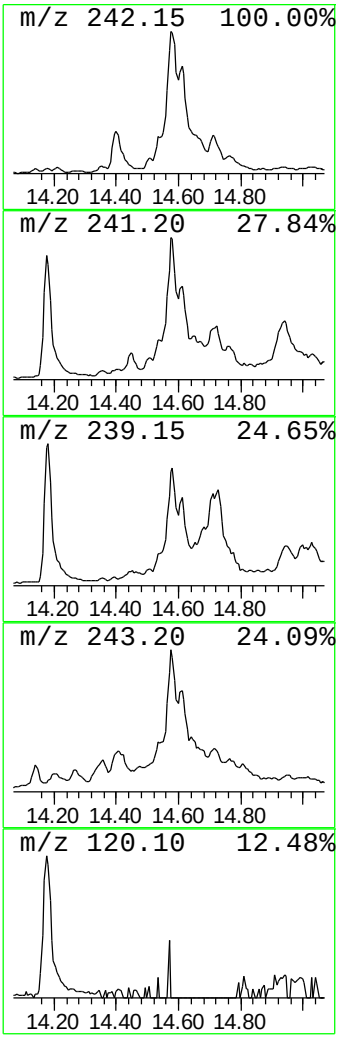
Peak Number 13 Chrysene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.95 ng/ul	914412	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





Tentatively Identified Compound (LSC) summary

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Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

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	21.6	ng/ul	1462260	1	6.90	1352770	20.0
Phenanthrene, 1-m...	11.97	3.7	ng/ul	409348	4	11.46	2191520	20.0
Phenanthrene, 2-m...	12.00	5.4	ng/ul	589398	4	11.46	2191520	20.0
4H-Cyclopenta[def...	12.09	5.5	ng/ul	598065	4	11.46	2191520	20.0
9,10-Bis(bromomet...	12.27	2.4	ng/ul	261507	4	11.46	2191520	20.0
9,10-Anthracenedione	12.30	2.5	ng/ul	270906	4	11.46	2191520	20.0
di-p-Tolylacetylene	12.53	2.2	ng/ul	244426	4	11.46	2191520	20.0
Cyclopenta(def)ph...	12.62	2.5	ng/ul	268531	4	11.46	2191520	20.0
11H-Benzo[b]fluorene	13.27	3.4	ng/ul	1048660	5	14.17	6190540	20.0
Pyrene, 4-methyl-	13.38	3.6	ng/ul	1109440	5	14.17	6190540	20.0
o-Terphenyl	13.71	2.1	ng/ul	637442	5	14.17	6190540	20.0
Benzo[b]naphtho[2...	13.91	3.6	ng/ul	1119990	5	14.17	6190540	20.0
Chrysene, 2-methyl-	14.57	3.0	ng/ul	914412	5	14.17	6190540	20.0