LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
Acq On : 17 Apr 2021 1:36
Operator : JU/CG
Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	24	rVB	1070776	1341803	42.37%	3.278%
2	3.940	312	315	319	rVB	39078	46583	1.47%	0.114%
3	4.522	409	414	419	rBV4	39256	46775	1.48%	0.114%
4	5.081	505	509	514	rVB	70260	81481	2.57%	0.199%
5	5.498	576	580	586	rVB	3030155	2789837	88.09%	6.816%
6	5.704	610	615	625	rBV4	34958	54020	1.71%	0.132%
7	6.416	730	736	741	rVB6	18844	39975	1.26%	0.098%
8	6.469	741	745	748	rBV2	34386	35411	1.12%	0.087%
9	6.504	748	751	759	rBV2	3375301	3166926	100.00%	7.738%
10	6.704	781	785	789	rBV2	101231	133959	4.23%	0.327%
11	6.869	810	813	817	rBV	2647979	2211545	69.83%	5.403%
12	7.133	854	858	864	rVB2	38587	56295	1.78%	0.138%
13	7.428	901	908	911	rBV	2078251	1723025	54.41%	4.210%
14	7.469	913	915	920	rVV	59724	52645	1.66%	0.129%
15	7.510	920	922	929	rVB3	36593	46131	1.46%	0.113%
16	8.157	1027	1032	1035	rBV	3565125	2793736	88.22%	6.826%
17	8.751	1130	1133	1136	rVV	46261	36707	1.16%	0.090%
18	8.804	1138	1142	1147	rVB5	25370	39282	1.24%	0.096%
19	8.869	1151	1153	1157	rVB	77320	61386	1.94%	0.150%
20	8.969	1167	1170	1173	rBV	51447	43189	1.36%	0.106%
21	9.233	1211	1215	1218	rBV	3587546	2692975	85.03%	6.580%
22	9.316	1226	1229	1231	rBV	64527	57220	1.81%	0.140%
23	9.504	1256	1261	1264	rBV3	35972	51601	1.63%	0.126%
24	9.574	1270	1273	1275	rBV	59429	53042	1.67%	0.130%
25	9.627	1279	1282	1287	rVV2	213685	209653	6.62%	0.512%
26	9.692	1291	1293	1297	rBV3	38616	36391	1.15%	0.089%
27	9.774	1304	1307	1313	rVB	235511	198133	6.26%	0.484%
28	9.851	1318	1320	1322	rVB	51257	37312	1.18%	0.091%
29	9.916	1325	1331	1335	rBV	3035262	2546336	80.40%	6.221%
30	9.951	1335	1337	1340	rVB2	92620	78844	2.49%	0.193%
31	10.122	1362	1366	1369	rVB	87347	83761	2.64%	0.205%
32	10.233	1381	1385	1387	rBV3	32504	39052	1.23%	0.095%
33	10.321	1396	1400	1402	rBV5	31456	42013	1.33%	0.103%
34	10.463	1421	1424	1430	rVB3	93929	101927	3.22%	0.249%
35	10.574	1440	1443	1447	rVB6	46726	41521	1.31%	0.101%
36	10.621	1448	1451	1454	rVB2	41437	38867	1.23%	0.095%

LSC Area Percent Report

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Operator : JU/CG
Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.704	1461	1465	1469	rBV	1531618	1215907	38.39%	2.971%
38	10.827	1483	1486	1490	rVB3	99020	138537	4.37%	0.338%
39	10.910	1498	1500	1503	rBV3	40525	39744	1.25%	0.097%
40	11.039	1520	1522	1525	rBV3	44643	45154	1.43%	0.110%
41	11.210	1548	1551	1555	rVB3	82188	77521	2.45%	0.189%
42	11.274	1557	1562	1565	rVV4	70416	134123	4.24%	0.328%
43	11.304	1565	1567	1573	rVB	107119	106769	3.37%	0.261%
44	11.410	1581	1585	1587	rBV	2311274	2086338	65.88%	5.098%
45	11.433	1587	1589	1591	rVV	1026795	810736	25.60%	1.981%
46	11.480	1595	1597	1600	rVV	327517	259024	8.18%	0.633%
47	11.516	1600	1603	1606	rVV3	63911	71375	2.25%	0.174%
48	11.633	1621	1623	1625	rBV	61417	40508	1.28%	0.099%
49	11.704	1633	1635	1637	rBV	85613	55457	1.75%	0.135%
50	11.739	1639	1641	1644	rVB4	66962	46153	1.46%	0.113%
51	11.863	1660	1662	1664	rBV3	50567	54392	1.72%	0.133%
52	11.910	1667	1670	1672	rVV	232713	226634	7.16%	0.554%
53	11.939	1672	1675	1678	rVV2	455316	445949	14.08%	1.090%
54	11.986	1681	1683	1685	rVV	165866	144214	4.55%	0.352%
55	12.021	1686	1689	1691	rVV2	328655	380067	12.00%	0.929%
56	12.045	1691	1693	1697	rVB	192937	170088	5.37%	0.416%
57	12.110	1702	1704	1707	rVB2	90085	89339	2.82%	0.218%
58	12.204	1718	1720	1722	rBV	148793	132633	4.19%	0.324%
59	12.227	1722	1724	1729	rVB2	137260	127705	4.03%	0.312%
60	12.357	1744	1746	1748	rVB3	85274	60301	1.90%	0.147%
61	12.386	1749	1751	1753	rBV	86493	81351	2.57%	0.199%
62	12.463	1761	1764	1766	rBV	253603	236151	7.46%	0.577%
63	12.498	1768	1770	1772	rVV2	165861	166102	5.24%	0.406%
64	12.545	1776	1778	1782	rBV3	140458	156648	4.95%	0.383%
65	12.627	1788	1792	1795	rBV	1754738	1513634	47.80%	3.698%
66	12.857	1825	1831	1833	rBV	1728566	1750146	55.26%	4.276%
67	12.998	1852	1855	1862	rVB	1816626	1573466	49.68%	3.844%
68	13.286	1902	1904	1907	rVB2	204004	165450	5.22%	0.404%
69	13.410	1923	1925	1929	rBV	197891	181071	5.72%	0.442%
70	14.057	2031	2035	2038	rBV2	1912648	2541380	80.25%	6.209%
71	14.086	2038	2040	2045	rVB	942005	839795	26.52%	2.052%
72	15.115	2212	2215	2222	rVB	700078	1304922	41.20%	3.188%
73	15.421	2265	2267	2273	rVB	457415	540108	17.05%	1.320%
74	15.486	2275	2278	2283	rBV	604842	687370	21.70%	1.679%
75	15.556	2286	2290	2293	rBV	883212	1122780	35.45%	2.743%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
Acq On : 17 Apr 2021 1:36
Operator : JU/CG
Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

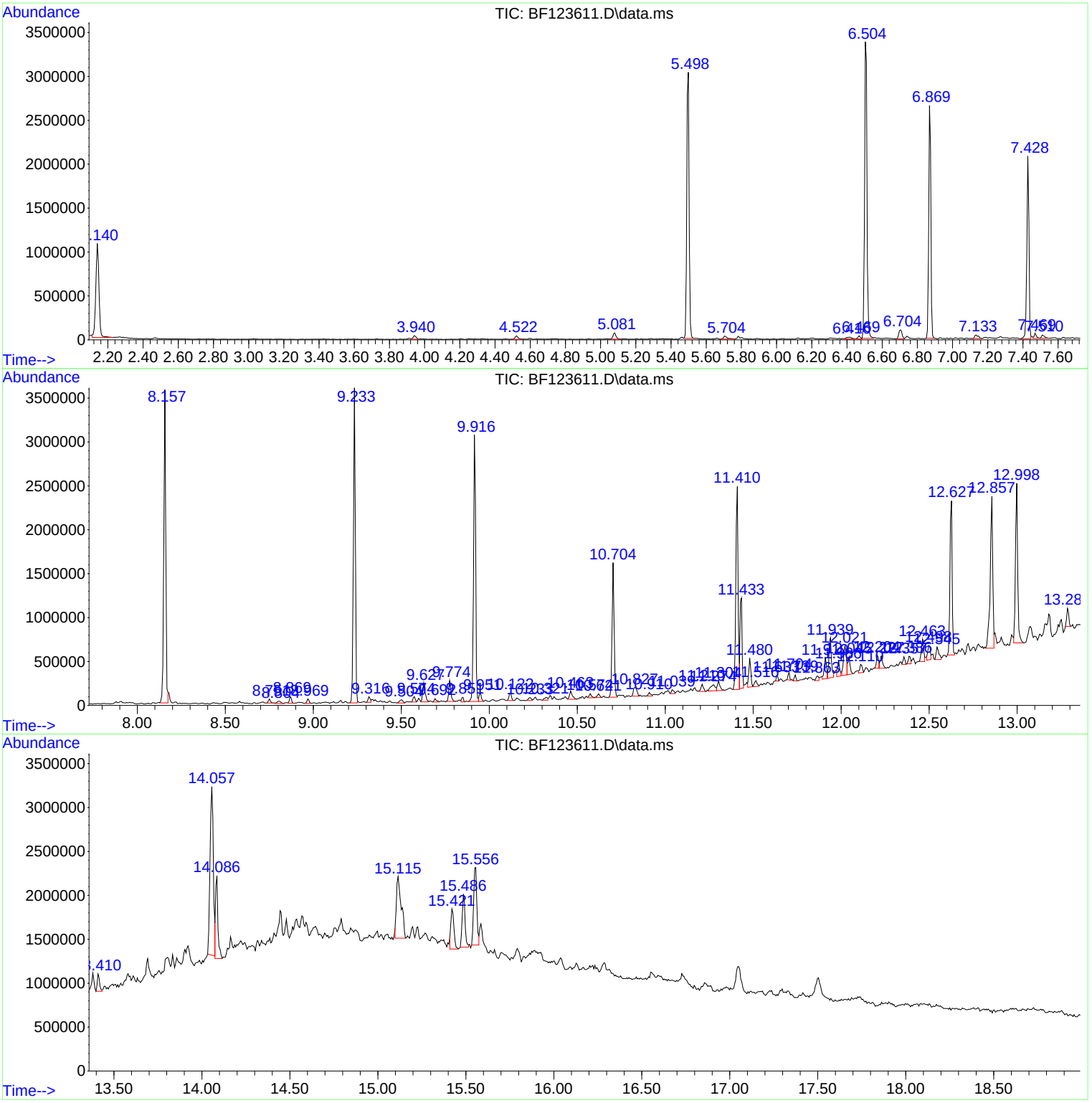
Sum of corrected areas: 40928401

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
Acq On : 17 Apr 2021 1:36
Operator : JU/CG
Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
Acq On : 17 Apr 2021 1:36
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Sample : M2050-11 2X
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Instrument : BNA_F
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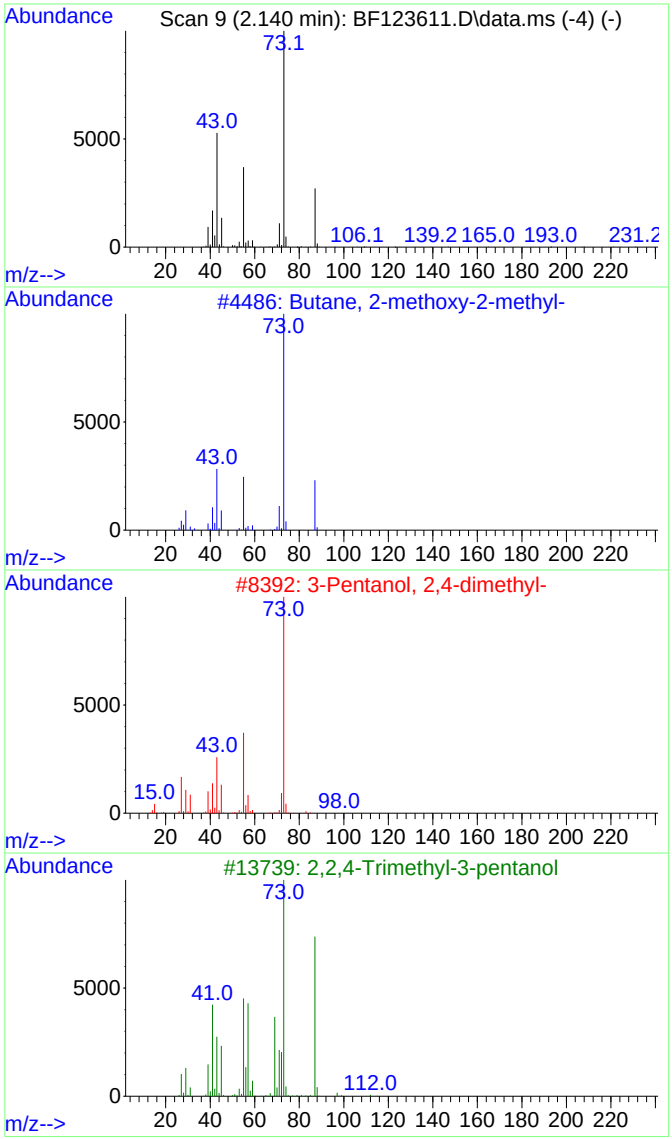
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

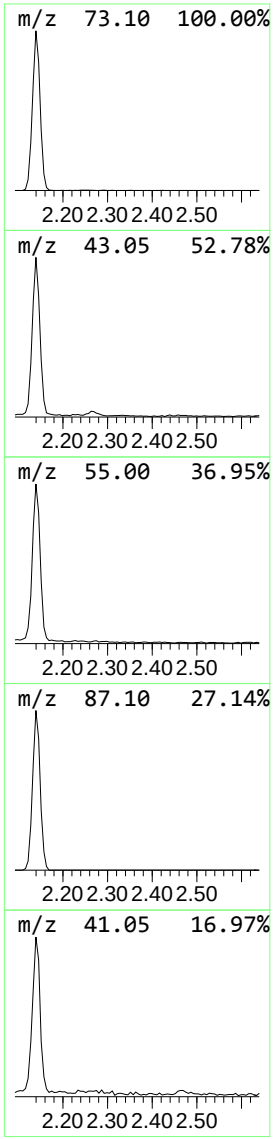
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	12.13 ng	1341800	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
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Misc :
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Instrument : BNA_F
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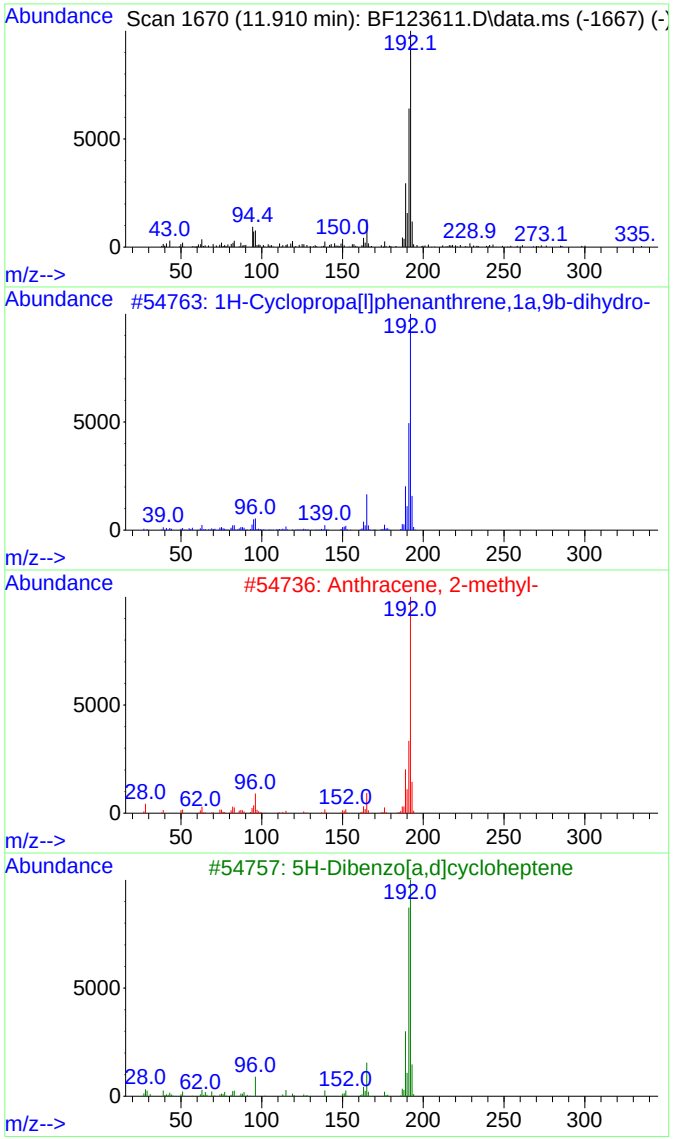
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

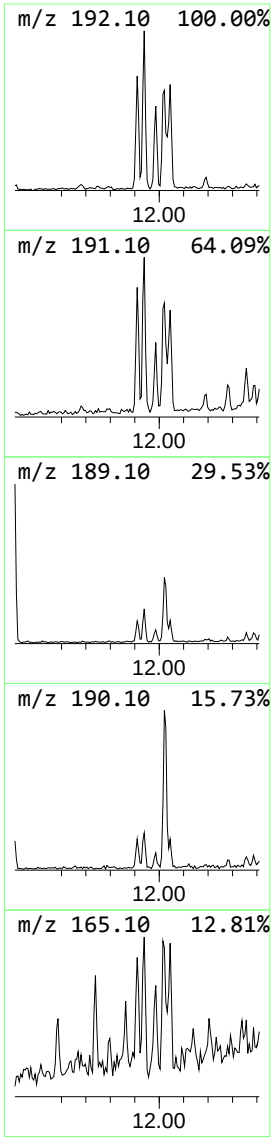
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.17 ng	226634	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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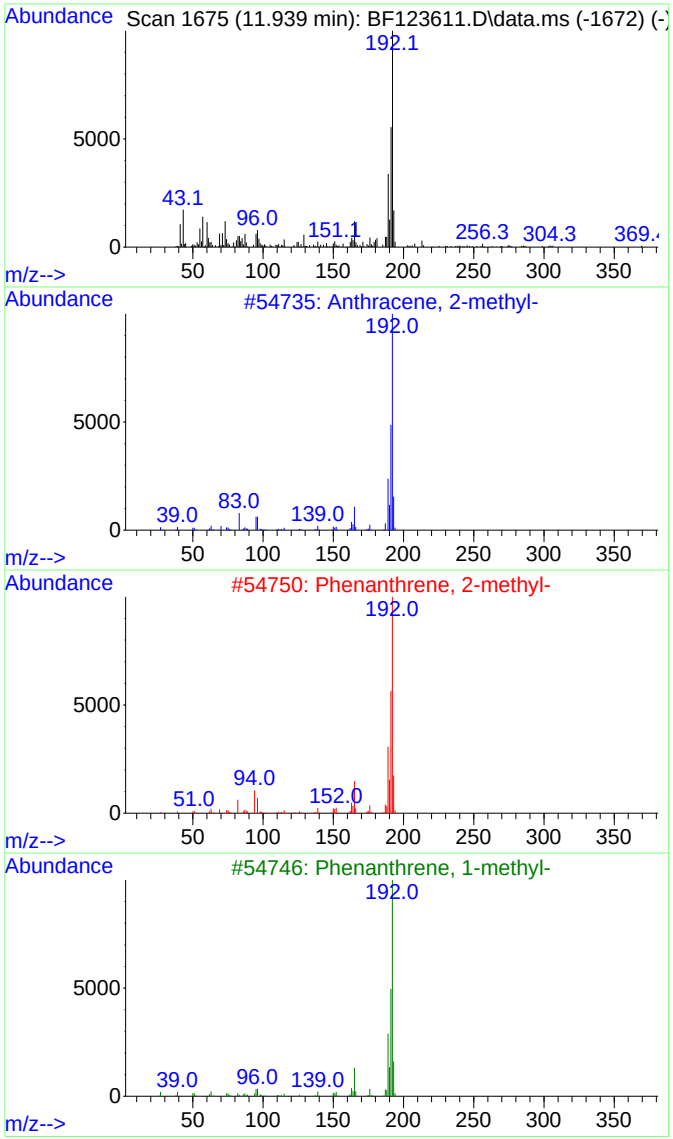
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

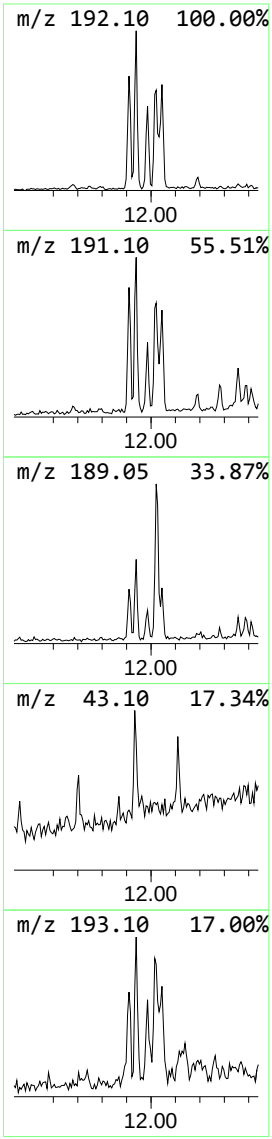
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.27 ng	445949	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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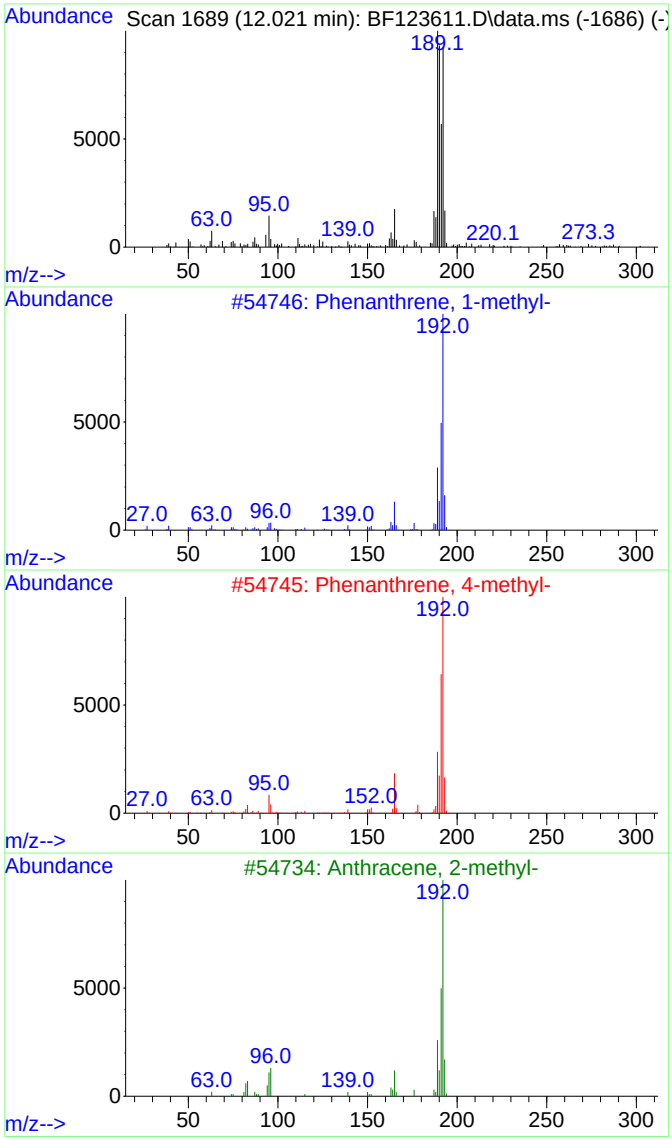
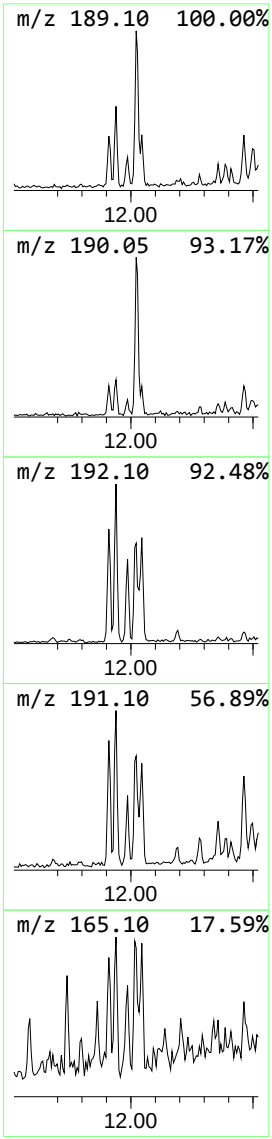
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.64 ng	380067	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

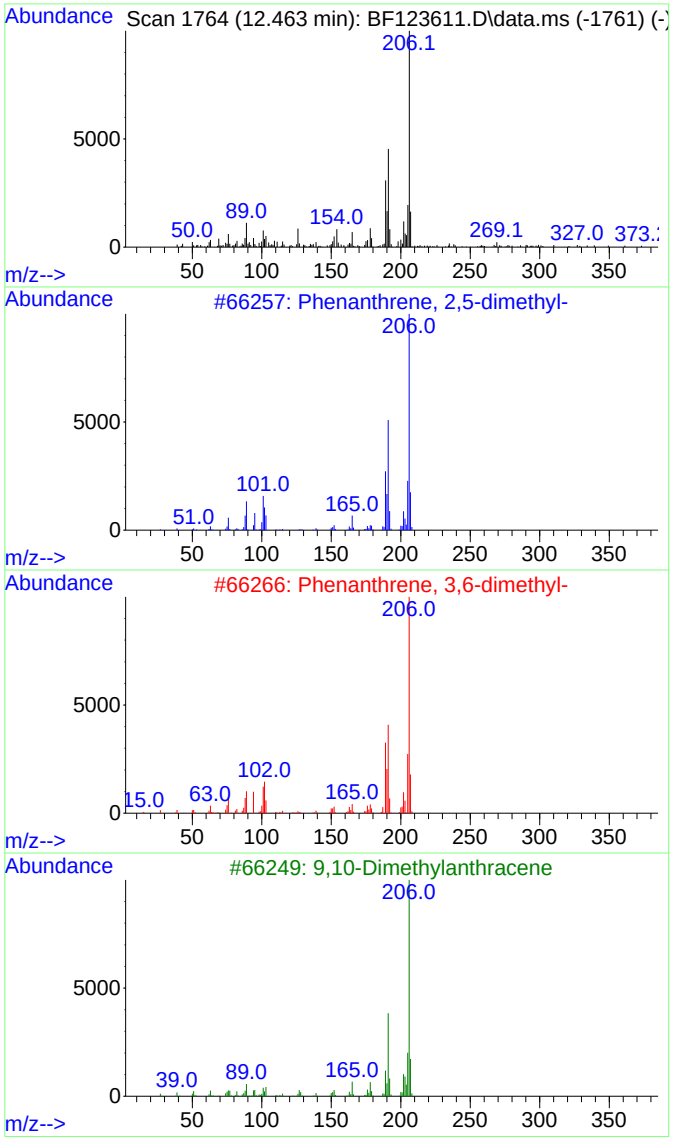
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

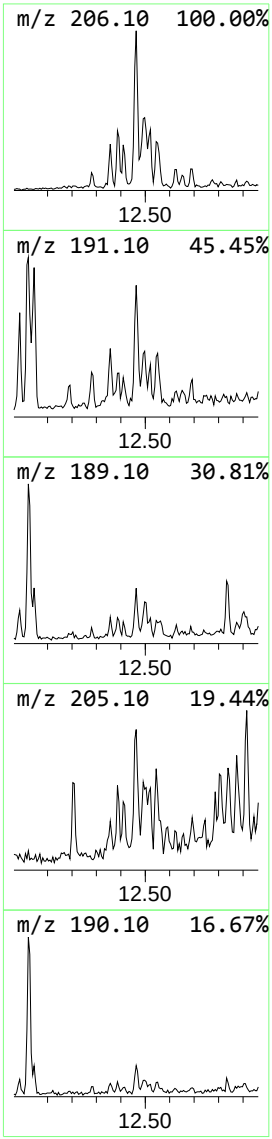
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.26 ng	236151	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Data File : BF123611.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

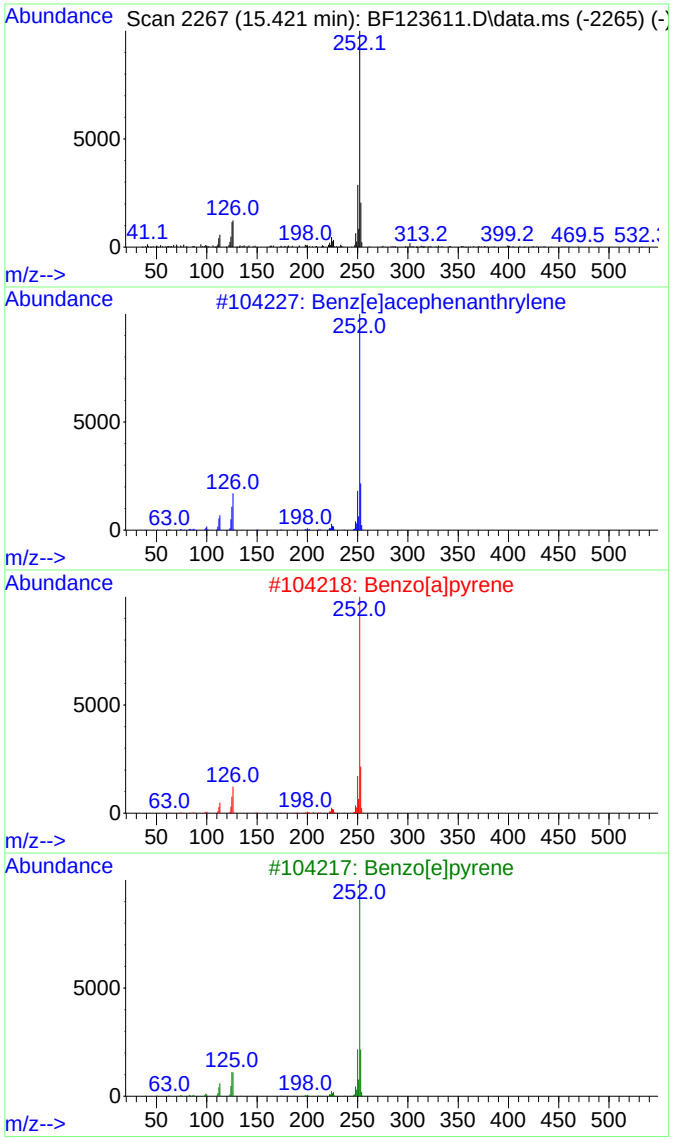
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

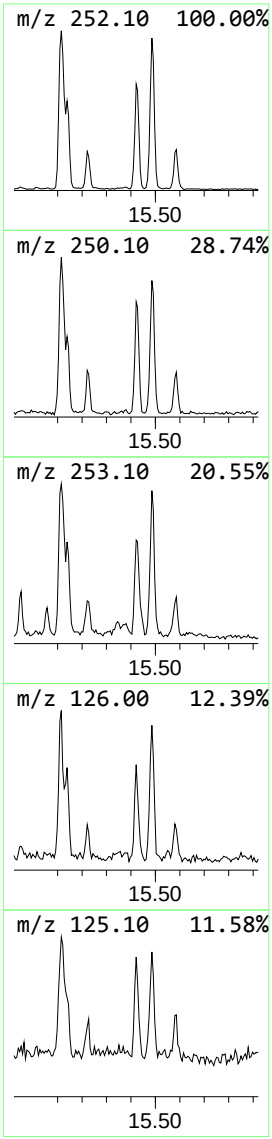
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	9.62 ng	540108	Perylene-d12	15.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123611.D
Acq On : 17 Apr 2021 1:36
Operator : JU/CG
Sample : M2050-11 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	12.1	ng	1341800	1	6.869	2211550	20.0
1H-Cyclopropa[l...	11.910	2.2	ng	226634	4	11.410	2086340	20.0
Anthracene, 2-m...	11.939	4.3	ng	445949	4	11.410	2086340	20.0
Phenanthrene, 1...	12.021	3.6	ng	380067	4	11.410	2086340	20.0
Phenanthrene, 2...	12.463	2.3	ng	236151	4	11.410	2086340	20.0
Benzo[e]pyrene	15.421	9.6	ng	540108	6	15.556	1122780	20.0