

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107375.D
 Acq On : 13 Jul 2018 18:48
 Operator : JU/SJ
 Sample : J3944-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.672	393	397	403	rBB	87391	101169	10.66%	0.562%
2	5.160	476	480	495	rVB	89960	107613	11.34%	0.597%
3	5.572	547	550	571	rBV	717584	772884	81.44%	4.290%
4	6.578	717	721	737	rBV	656298	745308	78.53%	4.137%
5	6.707	739	743	747	rVV	856392	746364	78.64%	4.142%
6	6.742	747	749	753	rVB2	17201	15214	1.60%	0.084%
7	6.931	777	781	787	rVB	288204	250345	26.38%	1.389%
8	7.084	803	807	820	rVB	683693	594594	62.65%	3.300%
9	7.495	873	877	887	rBV	451037	454184	47.86%	2.521%
10	7.725	912	916	923	rVB4	9231	15296	1.61%	0.085%
11	7.942	950	953	956	rBV2	17503	18314	1.93%	0.102%
12	8.172	989	992	994	rVV	52546	48212	5.08%	0.268%
13	8.213	996	999	1004	rVV	322870	325012	34.25%	1.804%
14	8.248	1004	1005	1008	rVV	53339	37773	3.98%	0.210%
15	8.289	1008	1012	1017	rVB2	15873	20985	2.21%	0.116%
16	8.489	1038	1046	1050	rBV7	27855	42817	4.51%	0.238%
17	8.613	1065	1067	1069	rVB	40738	28905	3.05%	0.160%
18	8.642	1069	1072	1074	rBV3	15292	16577	1.75%	0.092%
19	8.713	1080	1084	1086	rBV2	18526	21196	2.23%	0.118%
20	8.783	1093	1096	1100	rBV2	82320	64435	6.79%	0.358%
21	8.878	1110	1112	1114	rVB2	19664	16006	1.69%	0.089%
22	8.931	1118	1121	1123	rBV	51845	44151	4.65%	0.245%
23	9.031	1135	1138	1143	rBV3	53102	55372	5.83%	0.307%
24	9.107	1149	1151	1154	rVB4	19358	19808	2.09%	0.110%
25	9.148	1155	1158	1162	rVB3	24473	26101	2.75%	0.145%
26	9.189	1162	1165	1167	rBV4	23505	28059	2.96%	0.156%
27	9.213	1167	1169	1171	rVB	54491	38274	4.03%	0.212%
28	9.289	1178	1182	1189	rBV	765397	709013	74.71%	3.935%
29	9.348	1189	1192	1197	rBV	116845	122858	12.95%	0.682%
30	9.389	1197	1199	1202	rBV2	27134	26090	2.75%	0.145%
31	9.430	1204	1206	1210	rVB3	20243	19303	2.03%	0.107%
32	9.489	1214	1216	1222	rVB2	24336	35667	3.76%	0.198%
33	9.560	1222	1228	1232	rBV	101724	159389	16.79%	0.885%
34	9.595	1232	1234	1237	rBV4	14384	17129	1.80%	0.095%

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35	9.630	1237	1240	1243	rBV	127726	135978	14.33%	0.755%
36	9.660	1243	1245	1248	rBV2	100079	143867	15.16%	0.798%
37	9.748	1258	1260	1269	rVB2	60244	97095	10.23%	0.539%
38	9.830	1271	1274	1278	rBV4	40987	47977	5.06%	0.266%
39	9.883	1279	1283	1287	rVB	147728	134840	14.21%	0.748%
40	9.925	1287	1290	1292	rBV4	19995	21272	2.24%	0.118%
41	9.948	1292	1294	1296	rBV	36061	35579	3.75%	0.197%
42	9.977	1296	1299	1302	rVV	334280	290833	30.64%	1.614%
43	10.007	1302	1304	1307	rVB	80722	69892	7.36%	0.388%
44	10.078	1313	1316	1320	rVB	56641	65541	6.91%	0.364%
45	10.119	1320	1323	1325	rBV2	29784	35058	3.69%	0.195%
46	10.172	1329	1332	1336	rBV3	99021	136404	14.37%	0.757%
47	10.219	1337	1340	1343	rVB	94342	91544	9.65%	0.508%
48	10.289	1349	1352	1355	rBV	81503	96261	10.14%	0.534%
49	10.319	1355	1357	1362	rVB2	94889	98018	10.33%	0.544%
50	10.383	1364	1368	1370	rBV	203676	190553	20.08%	1.058%
51	10.513	1385	1390	1391	rBV2	69556	79417	8.37%	0.441%
52	10.530	1391	1393	1399	rVV2	85772	106987	11.27%	0.594%
53	10.601	1401	1405	1408	rVV2	132335	162595	17.13%	0.902%
54	10.630	1408	1410	1413	rVV2	30312	25576	2.69%	0.142%
55	10.683	1417	1419	1423	rVB	54530	55756	5.87%	0.309%
56	10.725	1424	1426	1428	rBV2	30058	26305	2.77%	0.146%
57	10.777	1431	1435	1441	rBV	533759	555587	58.54%	3.084%
58	10.866	1446	1450	1453	rBV2	205905	314743	33.16%	1.747%
59	11.077	1483	1486	1489	rBV4	57316	62673	6.60%	0.348%
60	11.107	1489	1491	1494	rBV2	36811	37755	3.98%	0.210%
61	11.307	1523	1525	1527	rBV	127575	88265	9.30%	0.490%
62	11.336	1527	1530	1533	rVV	157747	130468	13.75%	0.724%
63	11.372	1534	1536	1539	rVB	60289	51677	5.45%	0.287%
64	11.477	1550	1554	1556	rBV	395093	378392	39.87%	2.100%
65	11.501	1556	1558	1562	rVB	813043	681548	71.81%	3.783%
66	11.554	1564	1567	1570	rBV	183424	160180	16.88%	0.889%
67	11.689	1587	1590	1592	rBV	46289	54920	5.79%	0.305%
68	11.736	1596	1598	1601	rVB	140125	114439	12.06%	0.635%
69	11.977	1636	1639	1642	rBV	155029	155033	16.34%	0.860%
70	12.007	1642	1644	1648	rVV	191894	170538	17.97%	0.947%
71	12.054	1650	1652	1655	rVV	72905	69708	7.35%	0.387%

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72	12.089	1655	1658	1661	rVV2	151834	189944	20.01%	1.054%
73	12.142	1665	1667	1670	rVB	106799	80174	8.45%	0.445%
74	12.271	1686	1689	1694	rBV	102344	137051	14.44%	0.761%
75	12.313	1694	1696	1699	rVB2	92822	90188	9.50%	0.501%
76	12.454	1718	1720	1723	rBV	63545	56713	5.98%	0.315%
77	12.530	1730	1733	1736	rBV	219931	215337	22.69%	1.195%
78	12.701	1758	1762	1766	rBV	935418	949040	100.00%	5.267%
79	12.913	1795	1798	1799	rBV2	191202	194112	20.45%	1.077%
80	12.936	1799	1802	1807	rVV	862347	787661	83.00%	4.372%
81	12.977	1807	1809	1813	rVB	83481	82583	8.70%	0.458%
82	13.060	1819	1823	1827	rVB	886769	829797	87.44%	4.605%
83	13.260	1855	1857	1860	rVB	162619	136518	14.38%	0.758%
84	13.324	1866	1868	1871	rBV	59660	53065	5.59%	0.295%
85	13.777	1943	1945	1948	rVB	89889	79818	8.41%	0.443%
86	13.883	1961	1963	1965	rBV	82419	74769	7.88%	0.415%
87	13.907	1965	1967	1970	rVV	85589	79780	8.41%	0.443%
88	13.942	1970	1973	1978	rVV4	112542	169971	17.91%	0.943%
89	13.989	1979	1981	1985	rVB	95239	83329	8.78%	0.462%
90	14.077	1994	1996	1999	rVB	87155	66059	6.96%	0.367%
91	14.136	2001	2006	2009	rVV2	494745	845393	89.08%	4.692%
92	14.165	2009	2011	2017	rVB	422916	357310	37.65%	1.983%
93	14.248	2023	2025	2028	rVB2	77963	66141	6.97%	0.367%
94	14.560	2076	2078	2081	rBV	76527	60446	6.37%	0.335%
95	15.218	2186	2190	2194	rBV	266496	448212	47.23%	2.488%
96	15.548	2242	2246	2249	rBV	129143	160891	16.95%	0.893%
97	15.612	2253	2257	2264	rVB	192033	251568	26.51%	1.396%
98	15.677	2264	2268	2272	rBV	177834	233150	24.57%	1.294%
99	17.271	2534	2539	2547	rVB	86270	178261	18.78%	0.989%
100	17.759	2616	2622	2631	rVB	64474	142645	15.03%	0.792%

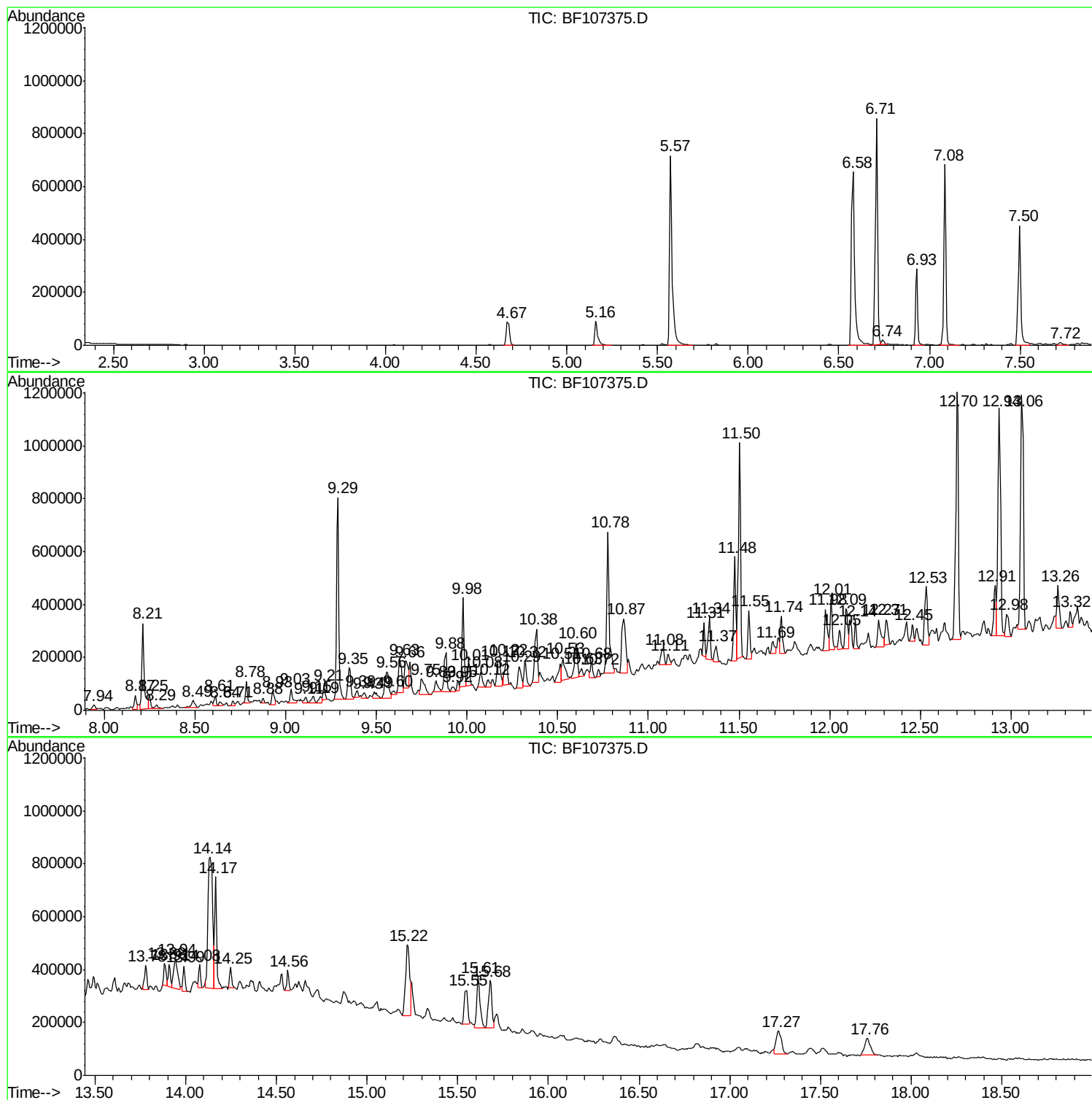
Sum of corrected areas: 18017617

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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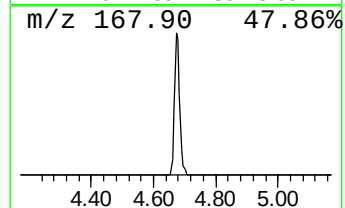
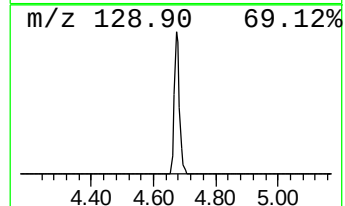
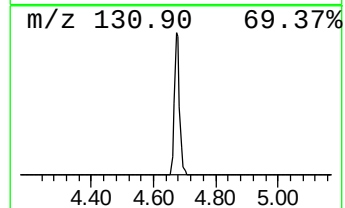
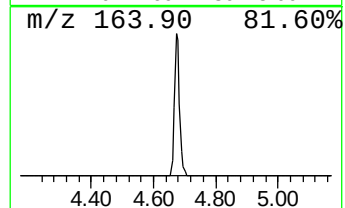
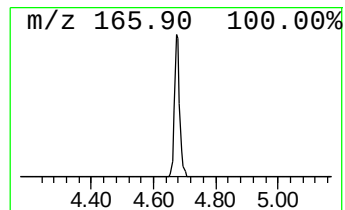
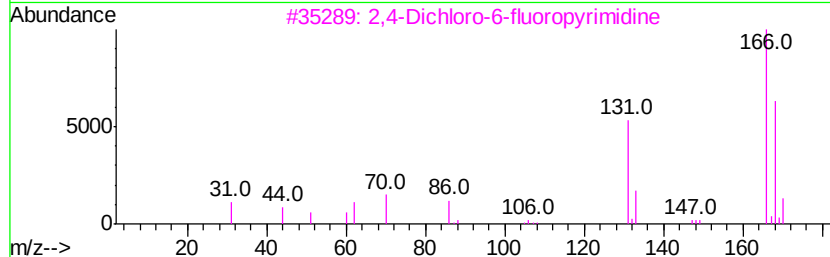
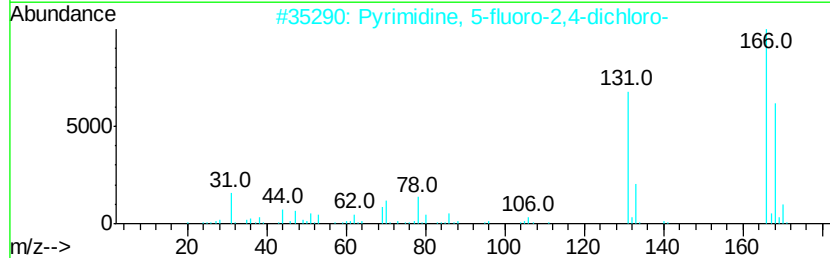
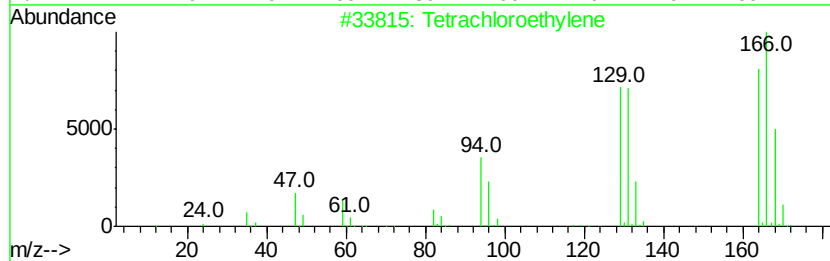
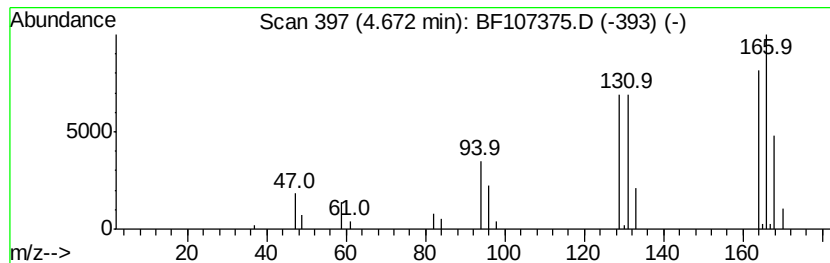
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	8.08 ng	101169	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43
3		2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	38
4		2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
5		4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	9



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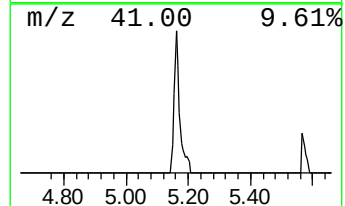
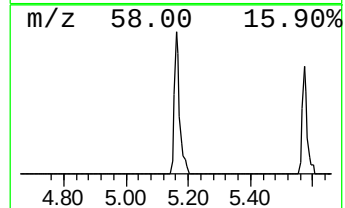
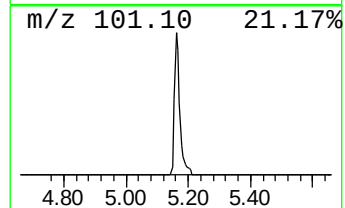
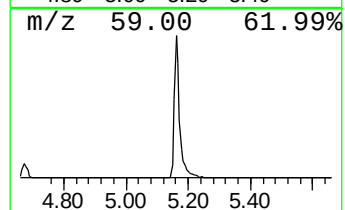
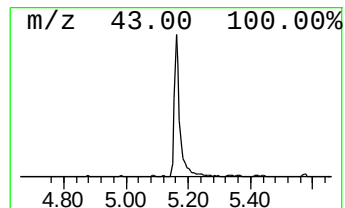
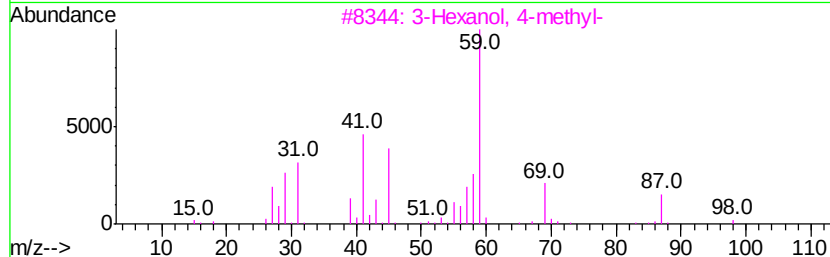
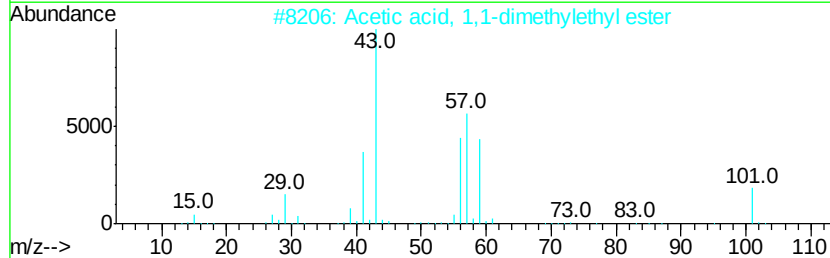
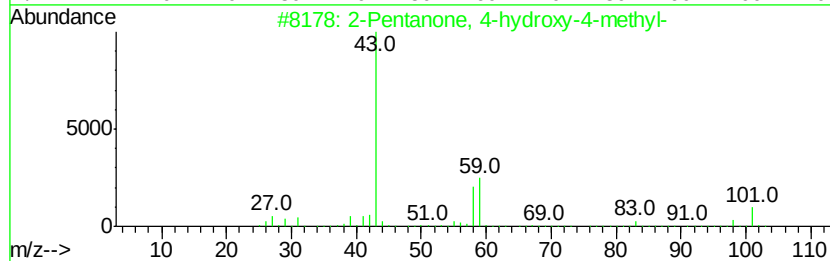
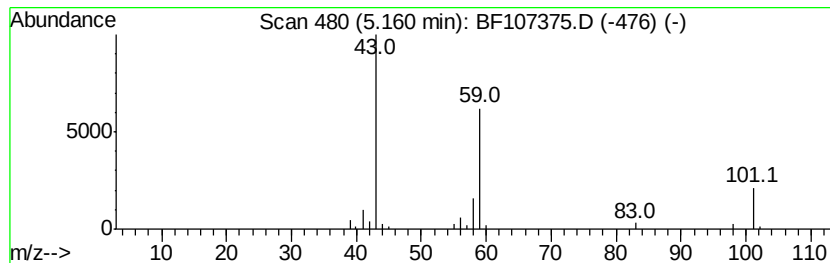
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	8.60 ng	107613	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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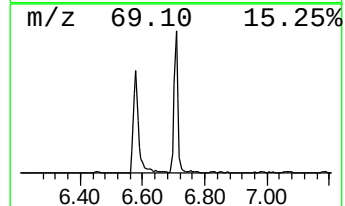
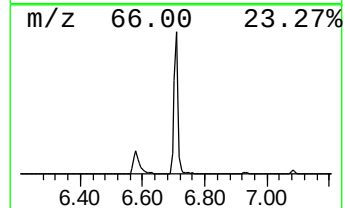
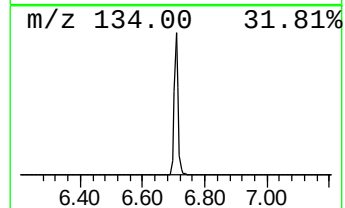
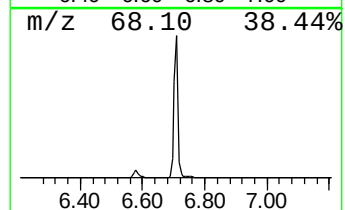
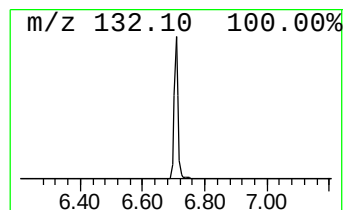
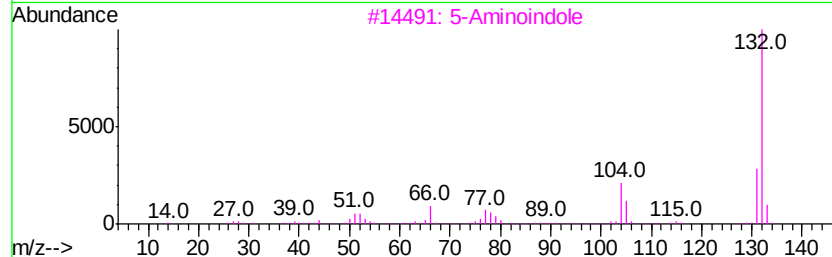
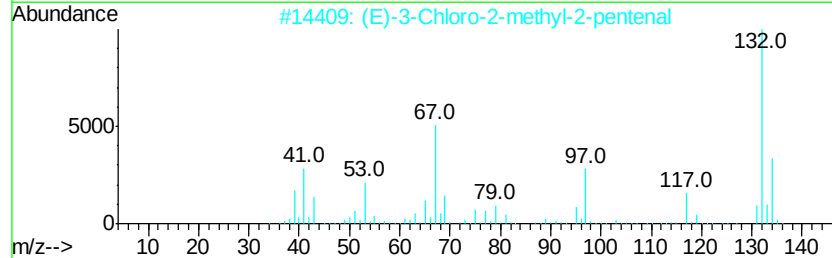
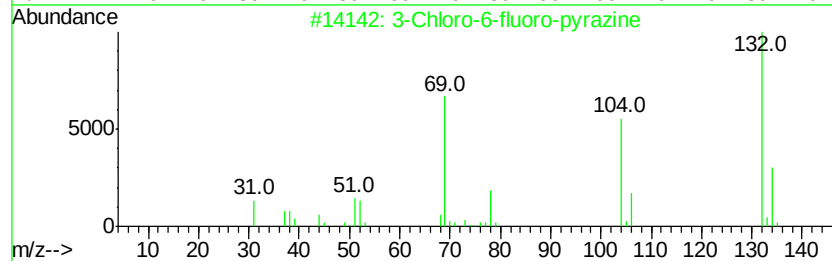
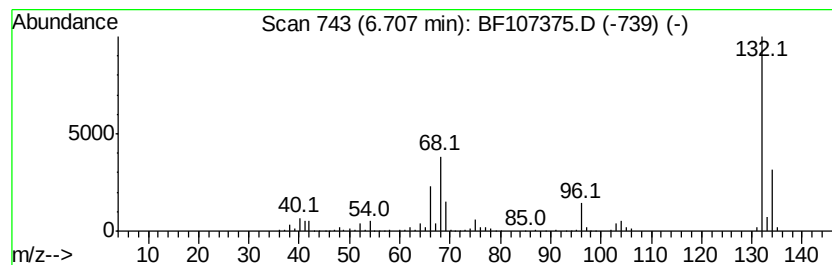
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Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	59.63 ng	746364	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
Operator : JU/SJ
Sample : J3944-02
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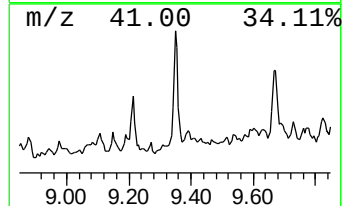
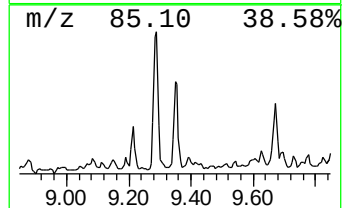
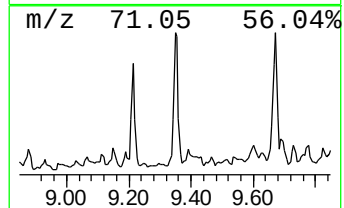
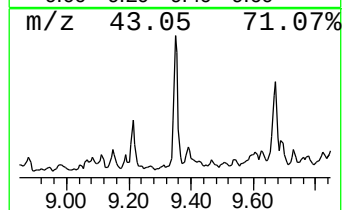
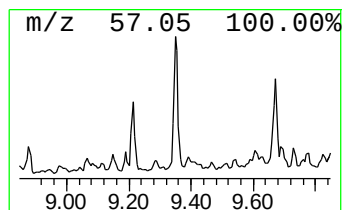
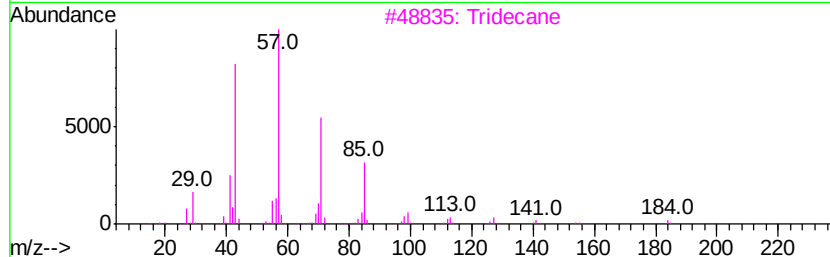
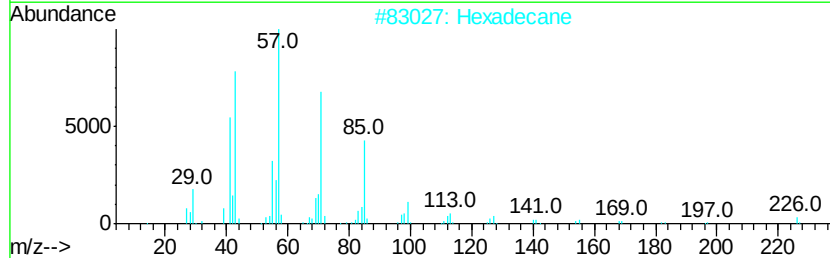
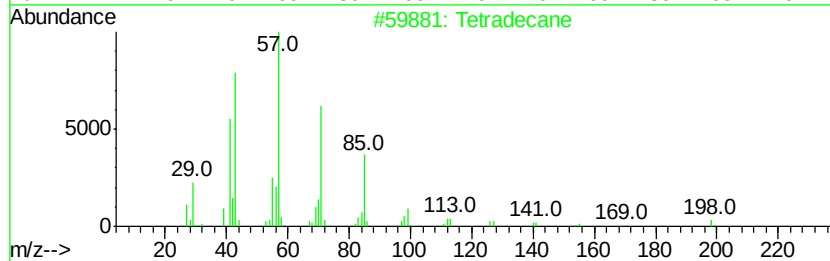
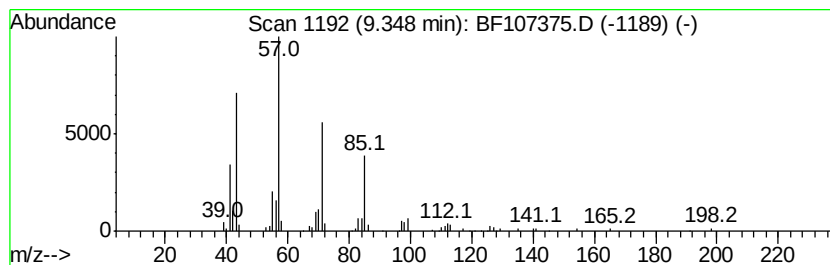
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	8.45 ng	122858	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
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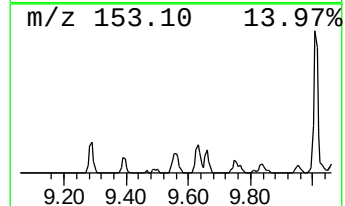
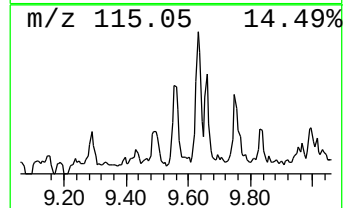
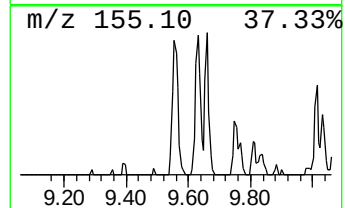
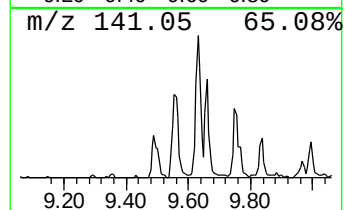
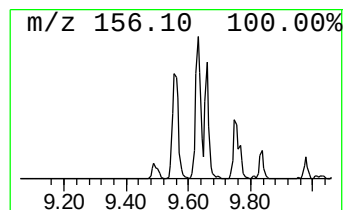
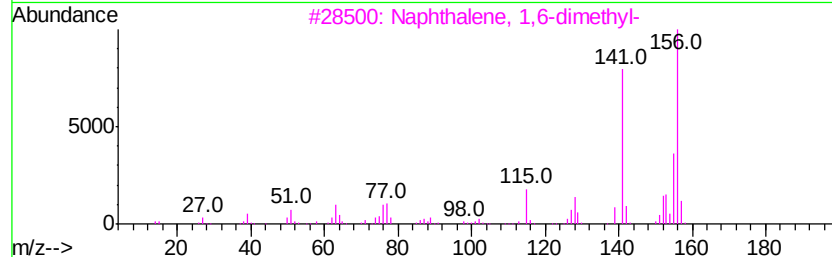
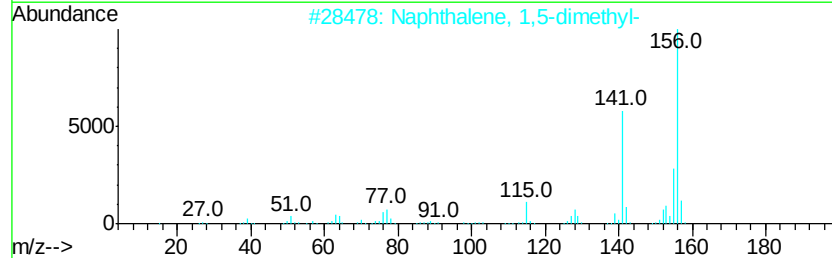
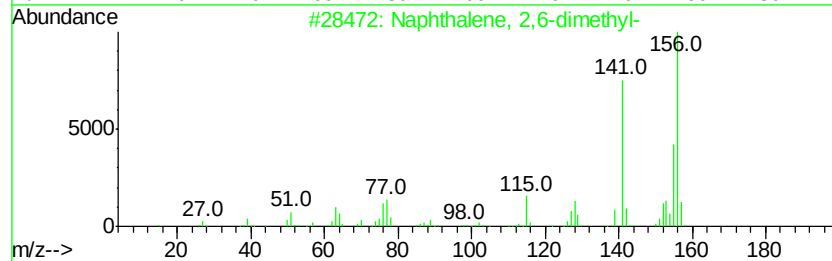
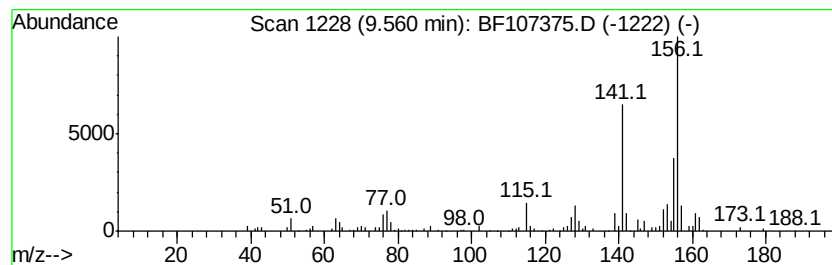
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	10.96 ng	159389	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
Operator : JU/SJ
Sample : J3944-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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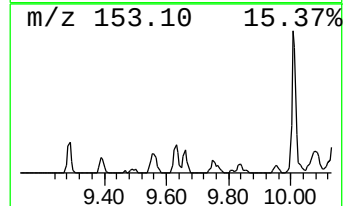
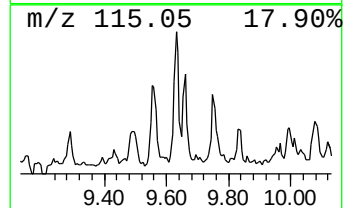
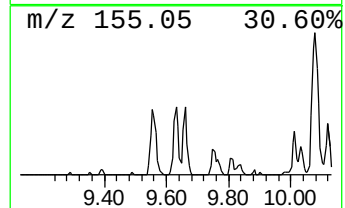
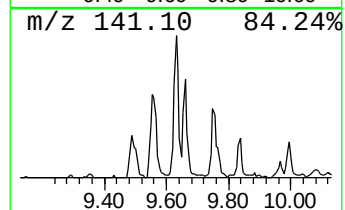
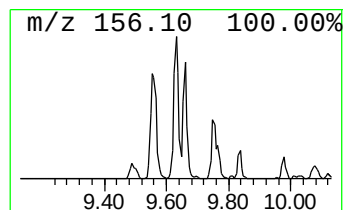
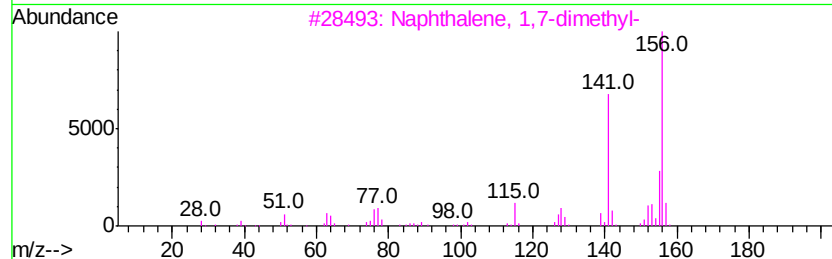
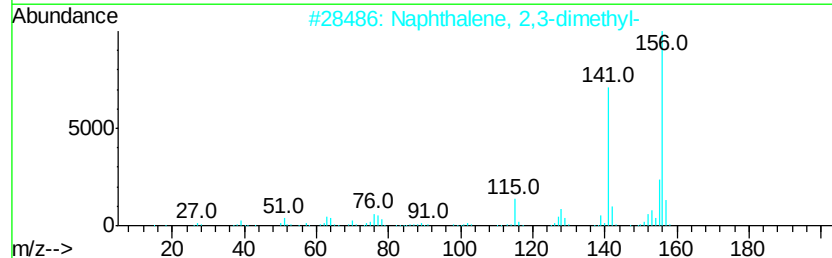
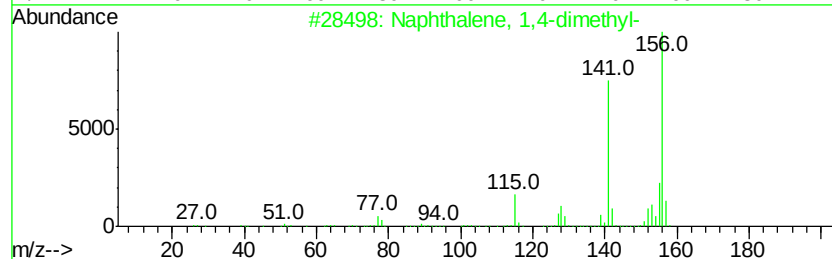
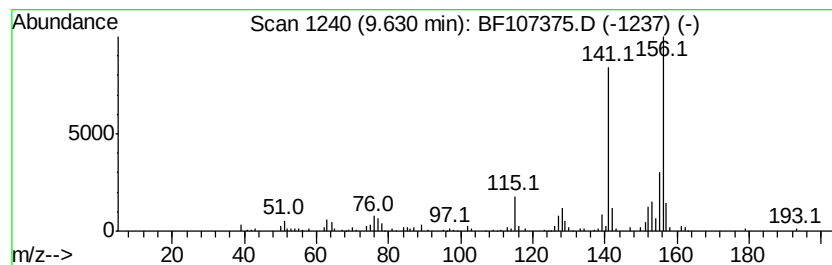
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	9.35 ng	135978	Acenaphthene-d10	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
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ClientSampleId :
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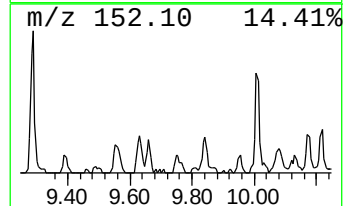
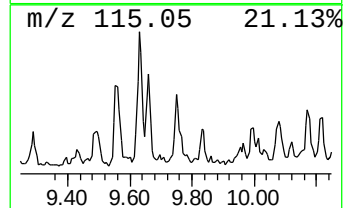
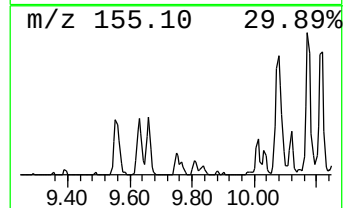
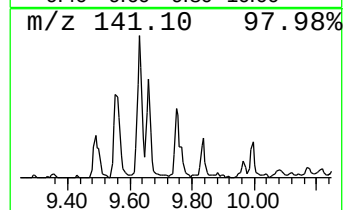
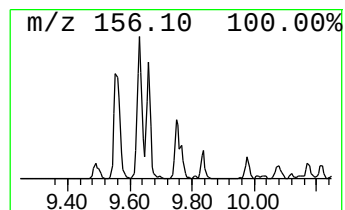
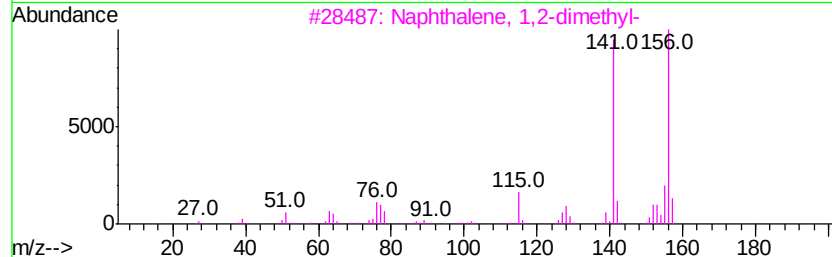
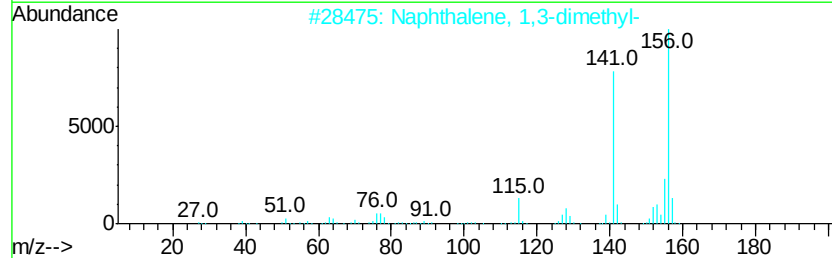
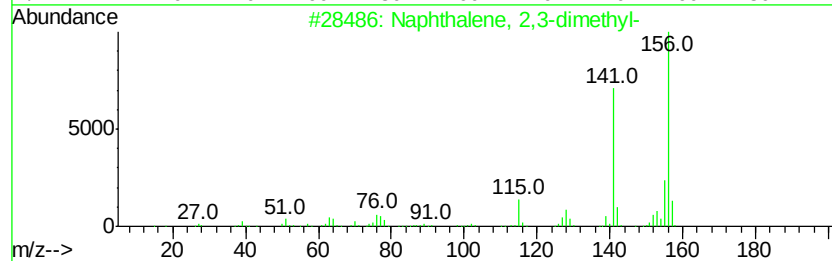
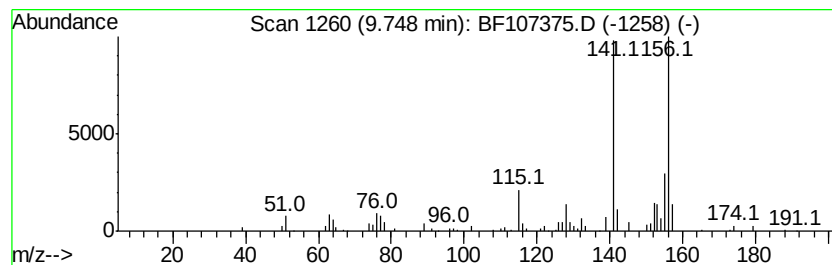
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	6.68 ng	97095	Acenaphthene-d10	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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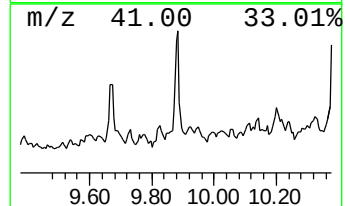
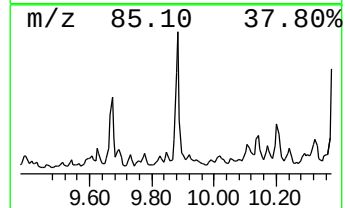
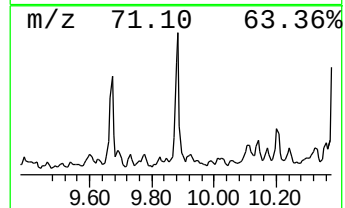
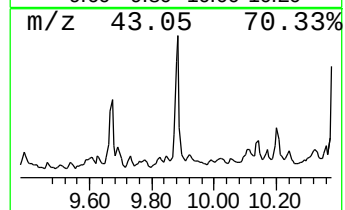
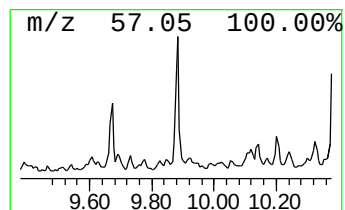
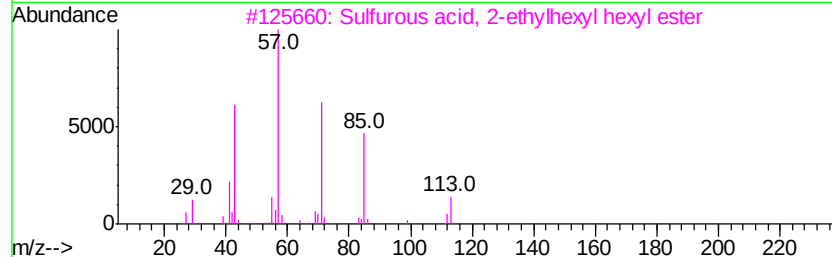
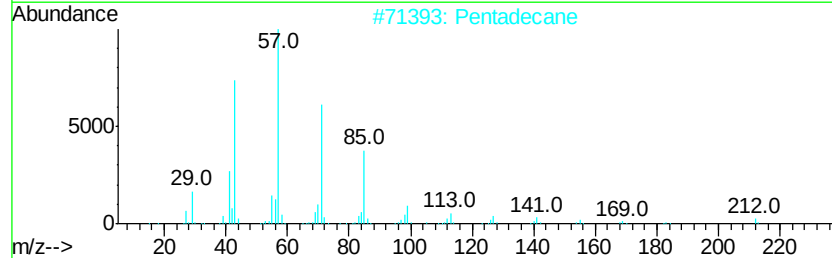
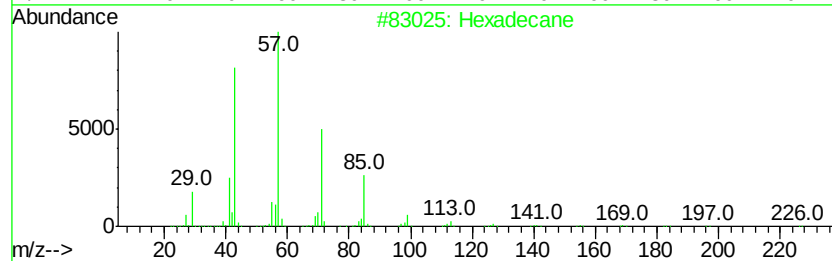
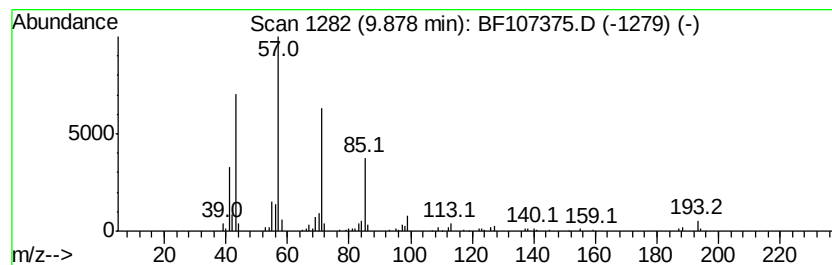
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	9.27 ng	134840	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	72
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
4	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	64
5	Eicosane	282 C20H42	000112-95-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
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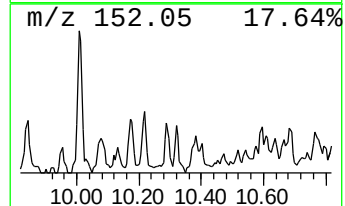
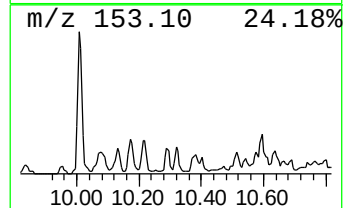
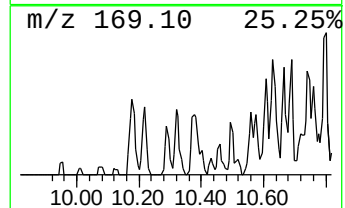
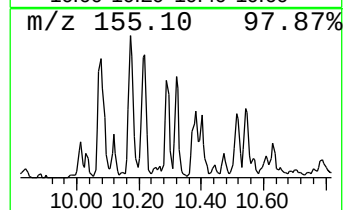
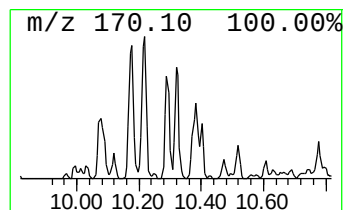
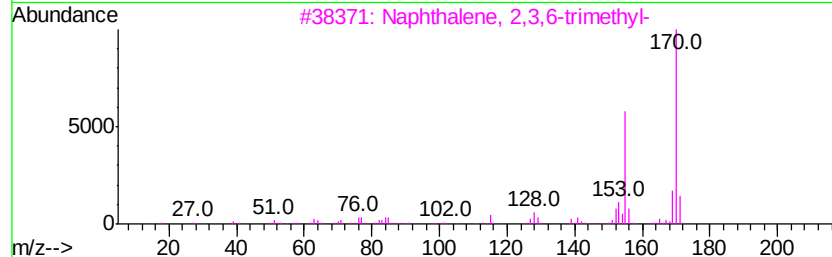
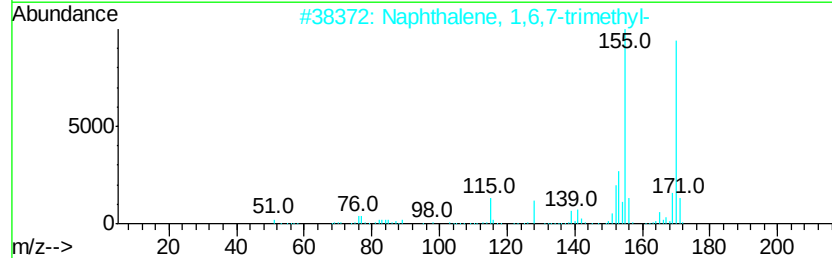
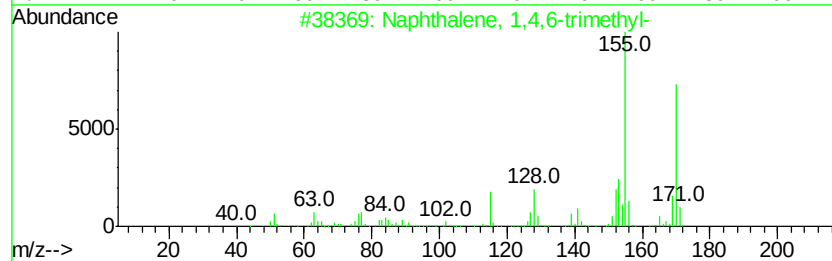
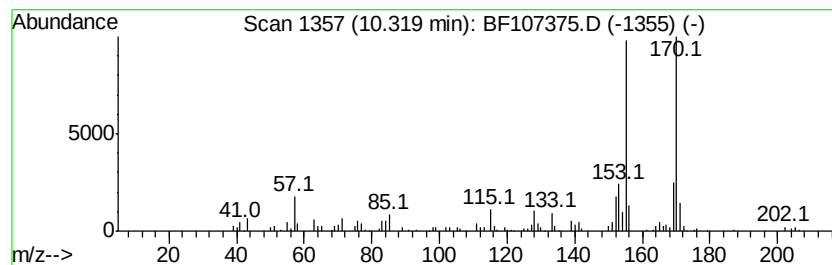
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.74 ng	98018	Acenaphthene-d10	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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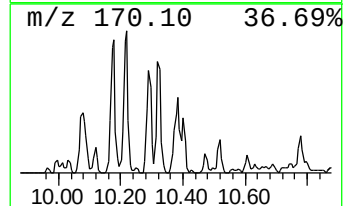
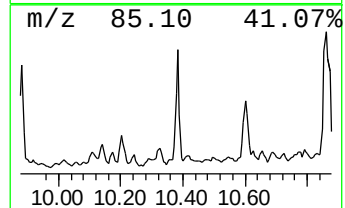
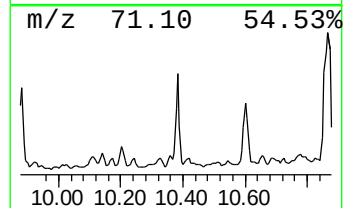
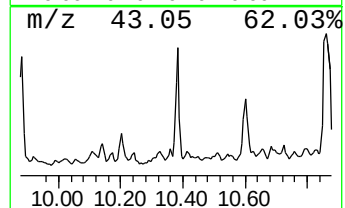
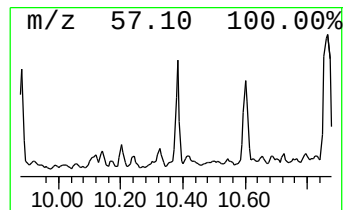
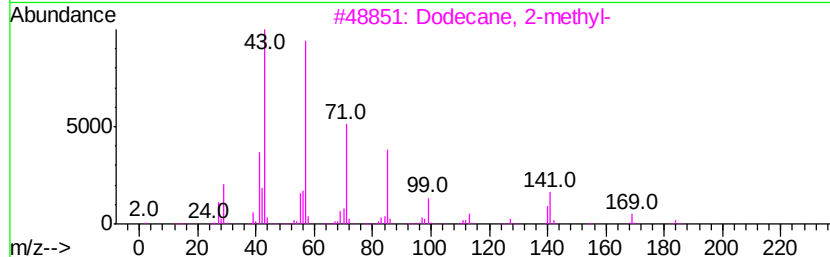
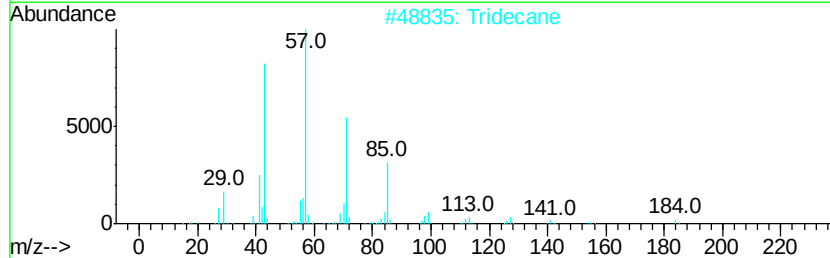
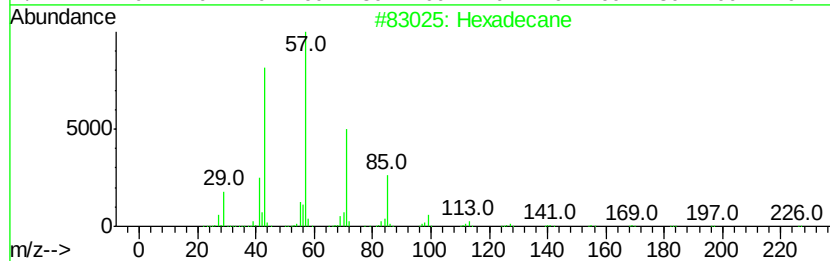
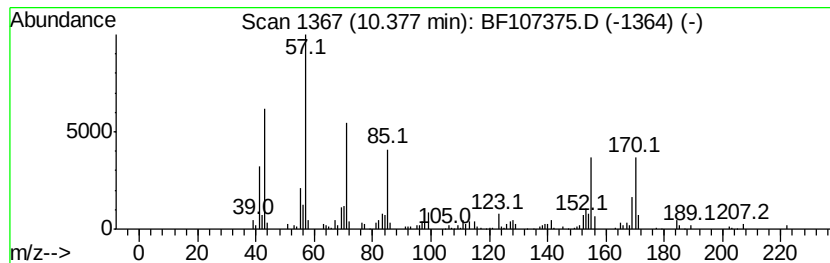
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	13.10 ng	190553	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Tridecane	184	C13H28	000629-50-5	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
4		Tetradecane	198	C14H30	000629-59-4	49
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
Operator : JU/SJ
Sample : J3944-02
Misc :
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ClientSampleId :
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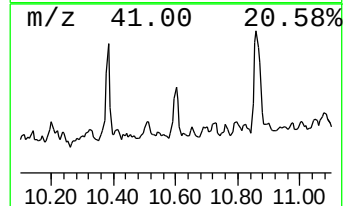
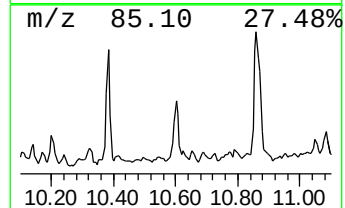
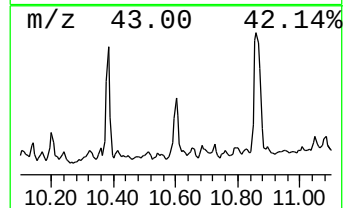
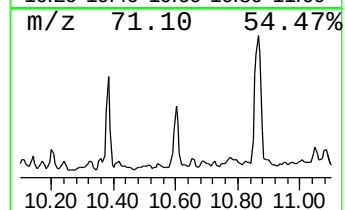
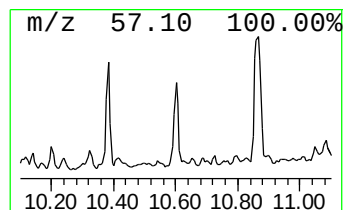
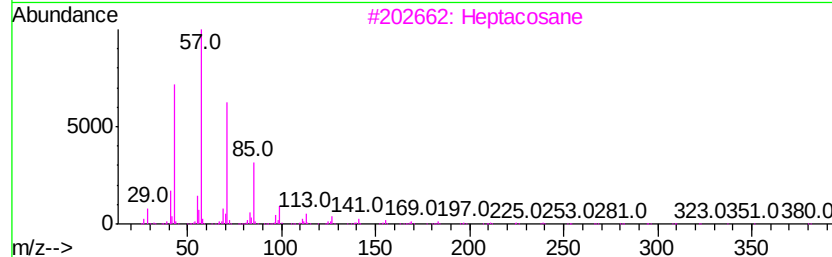
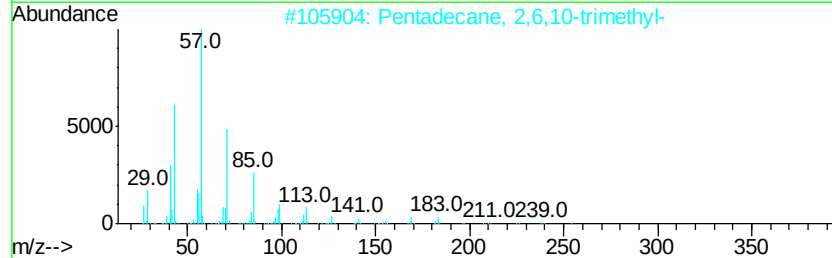
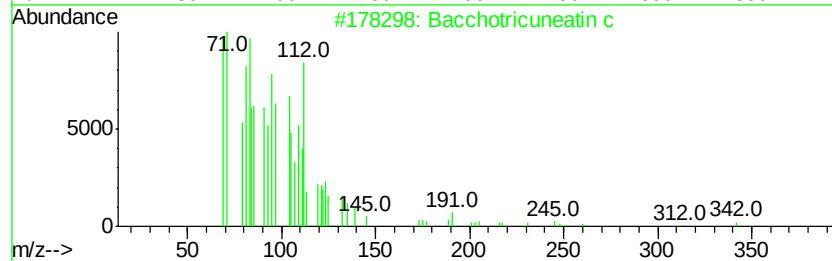
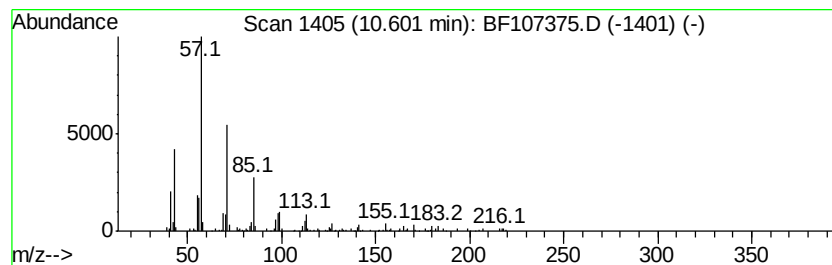
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	11.18 ng	162595	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3		Heptacosane	380	C27H56	000593-49-7	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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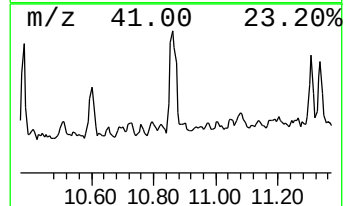
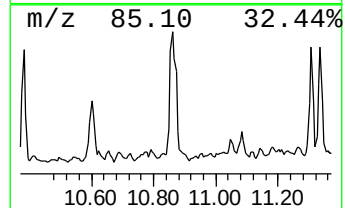
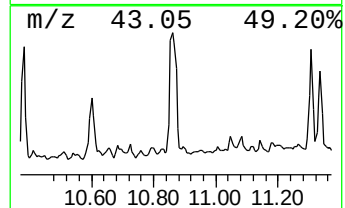
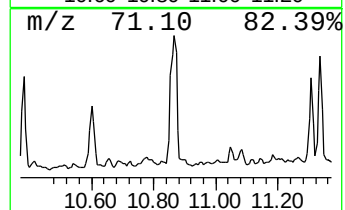
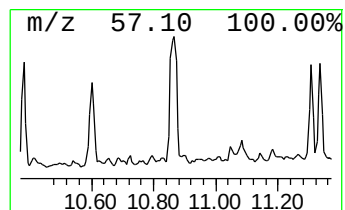
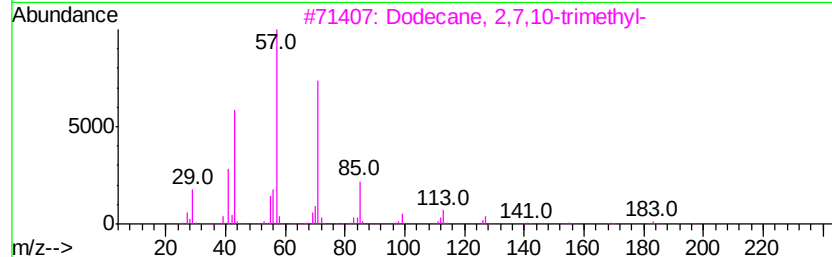
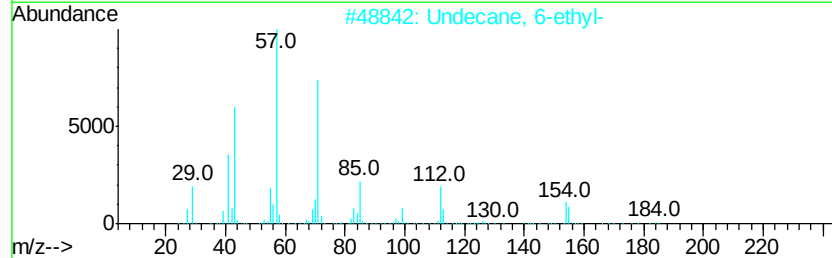
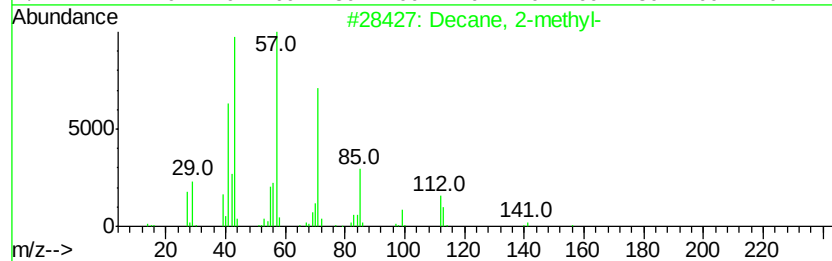
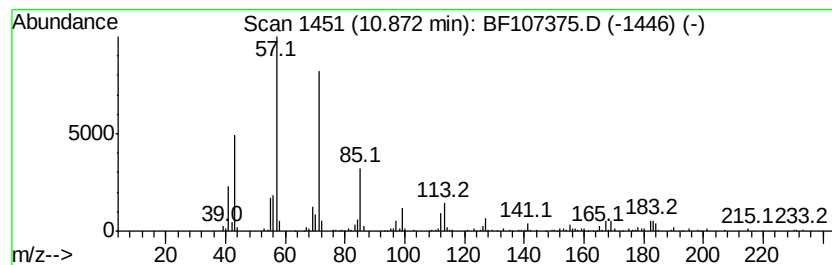
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	16.64 ng	314743	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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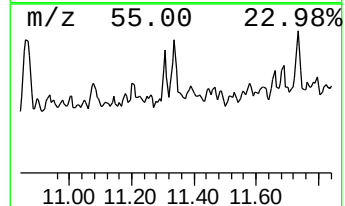
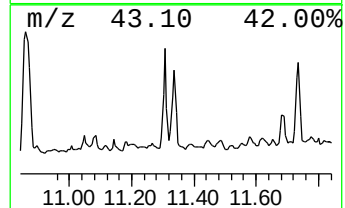
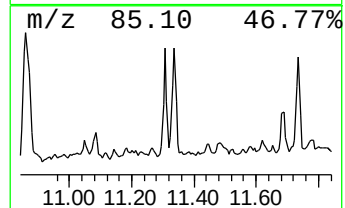
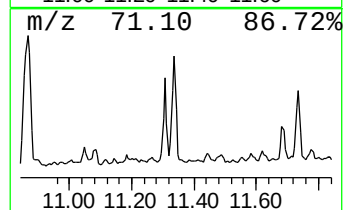
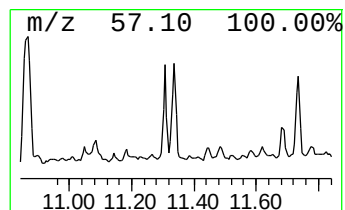
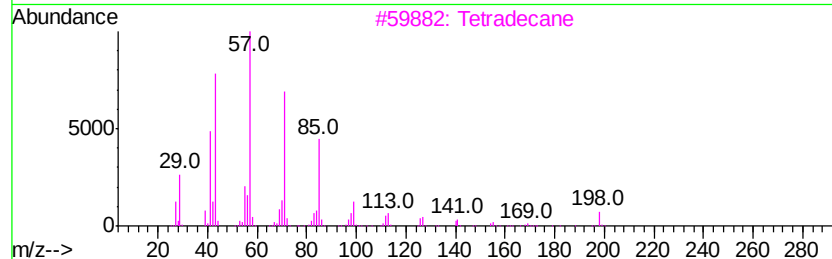
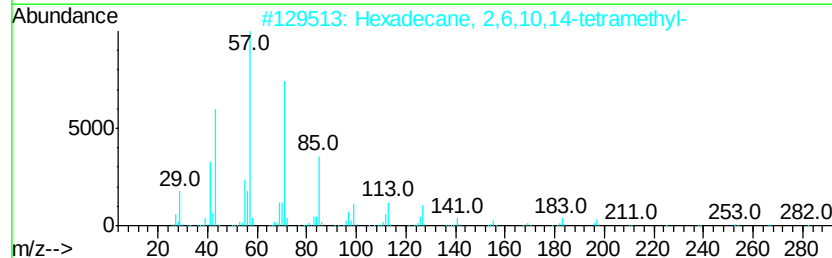
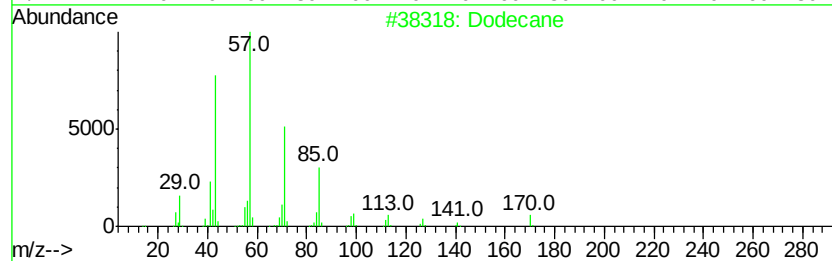
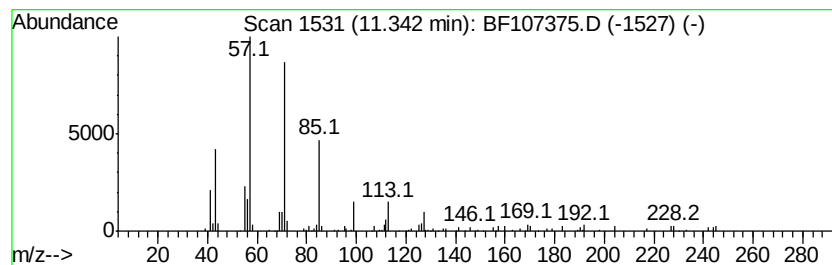
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.90 ng	130468	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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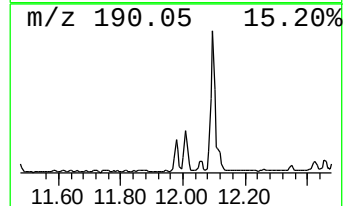
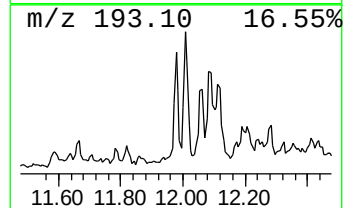
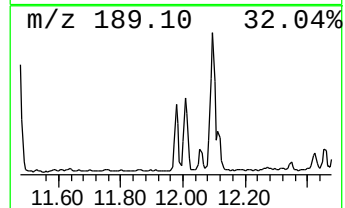
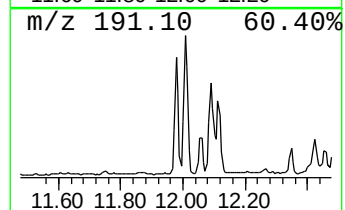
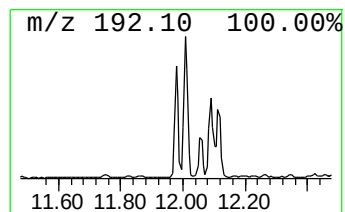
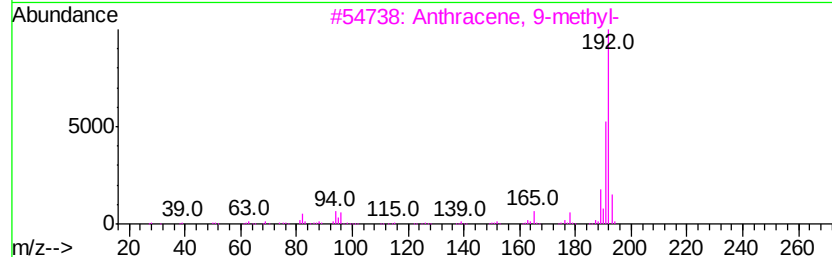
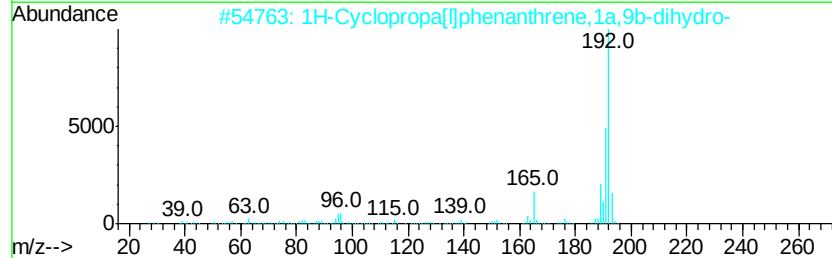
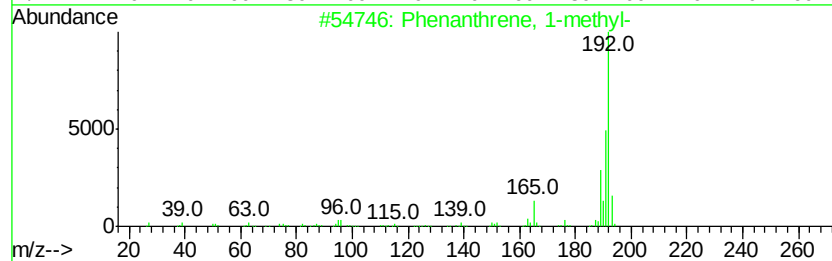
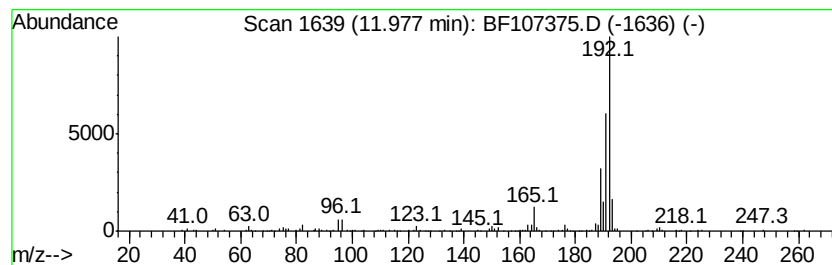
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.19 ng	155033	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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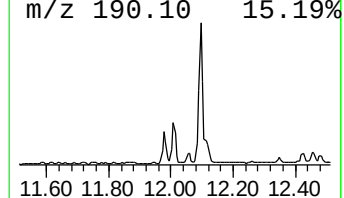
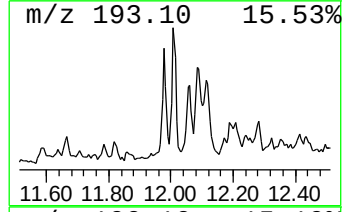
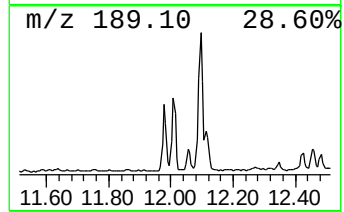
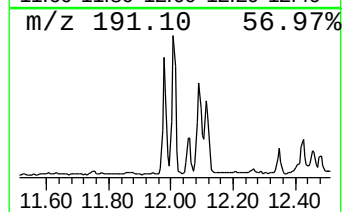
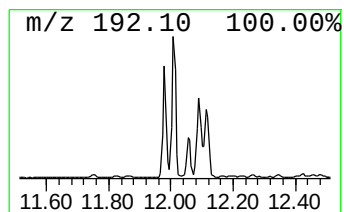
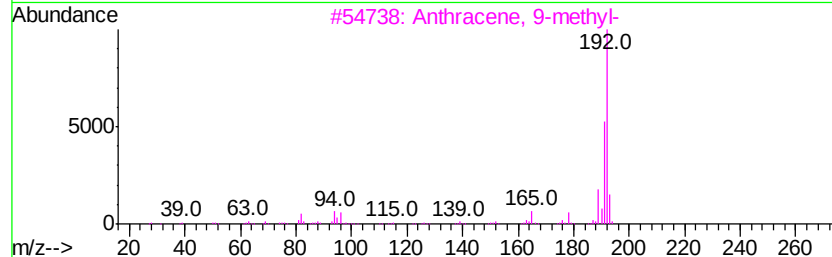
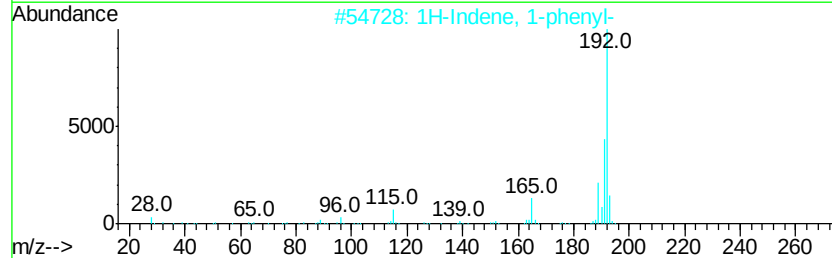
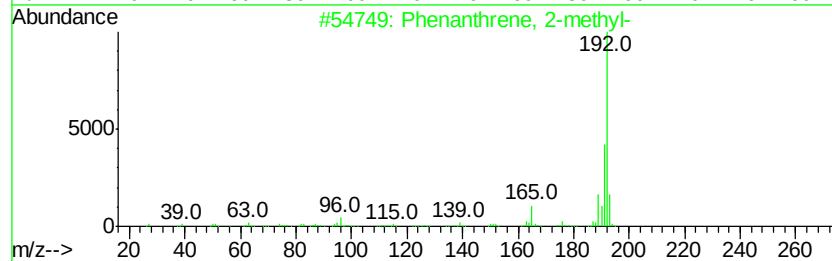
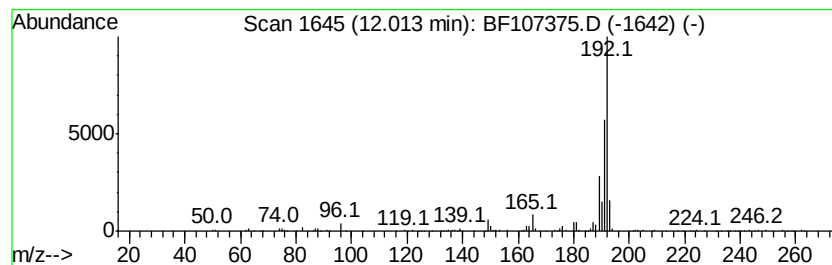
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.01 ng	170538	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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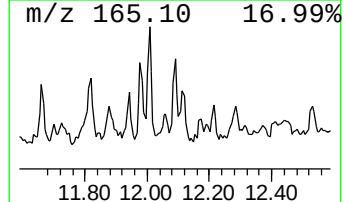
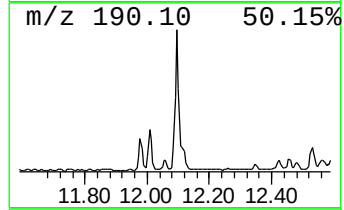
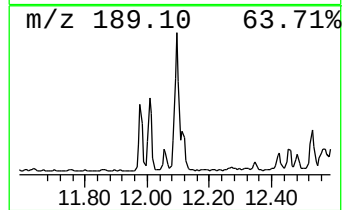
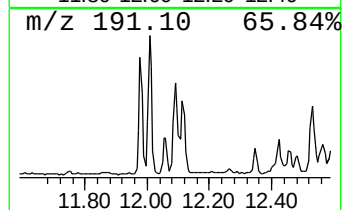
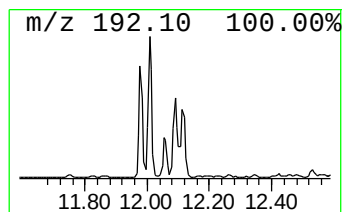
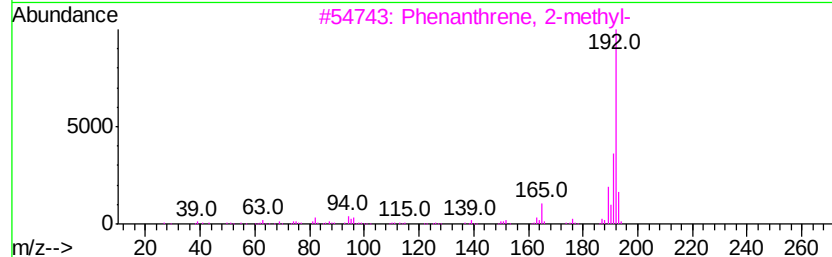
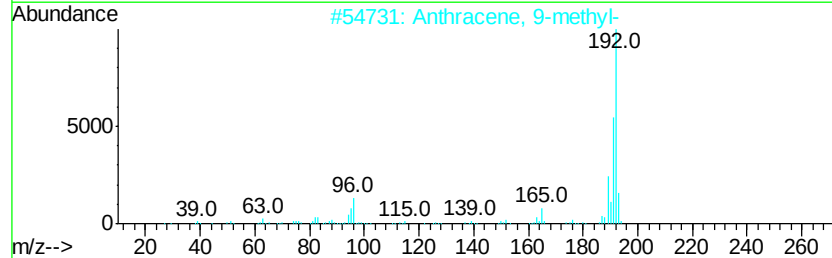
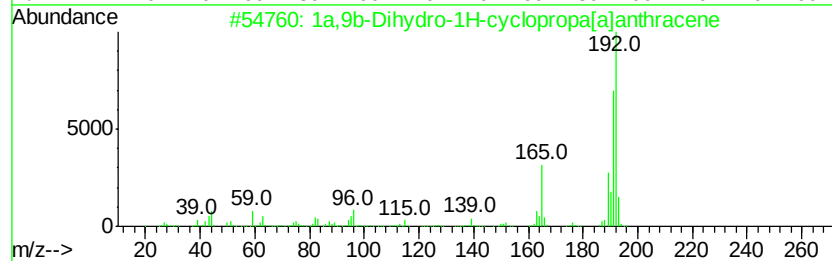
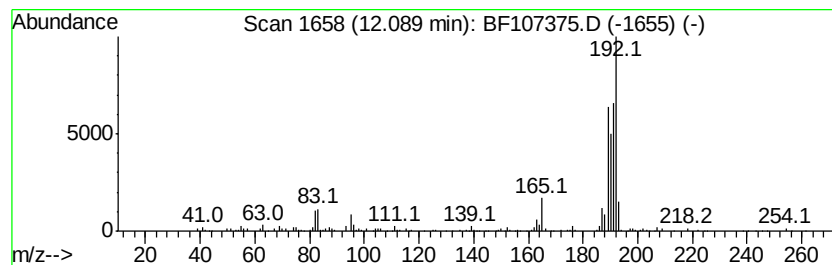
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.04 ng	189944	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	60
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
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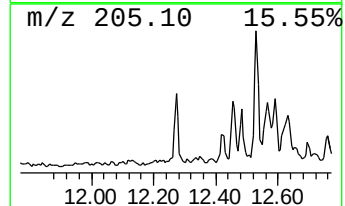
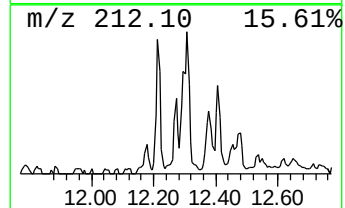
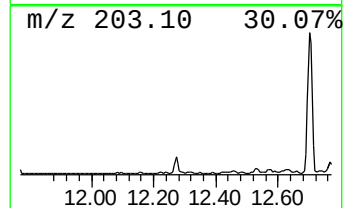
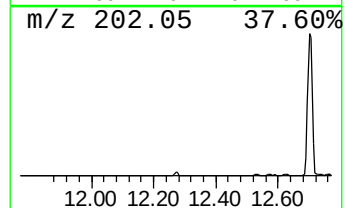
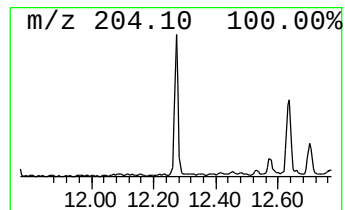
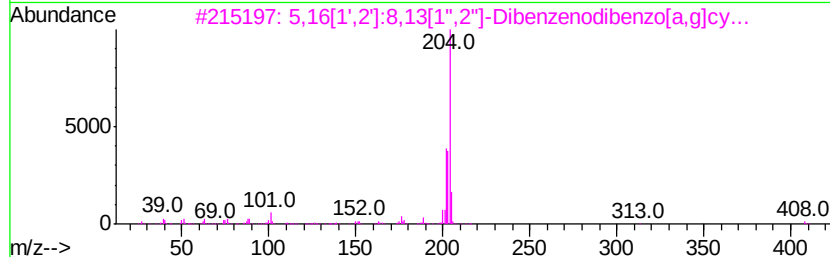
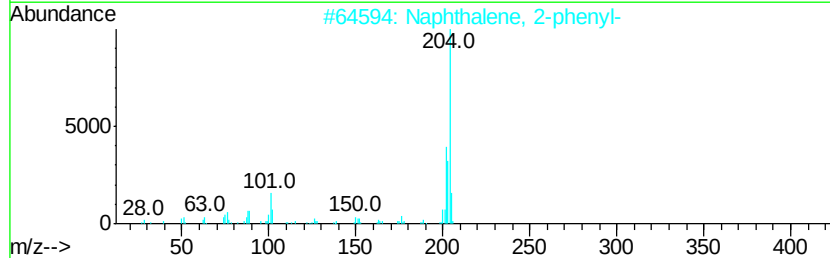
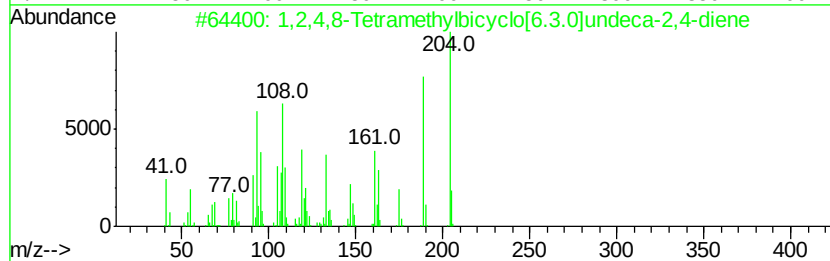
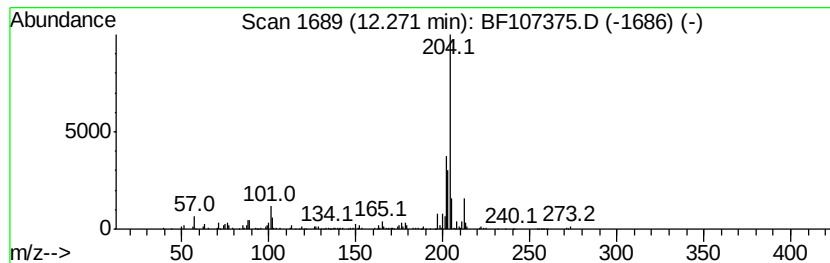
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	7.24 ng	137051	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			5,16[1',2':8,13[1'',2'']-Dibenz[1,2-b:4,5-b']diphenylene	408	C32H24	005672-97-9	72
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	70
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
Operator : JU/SJ
Sample : J3944-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOUNDRY-COMP

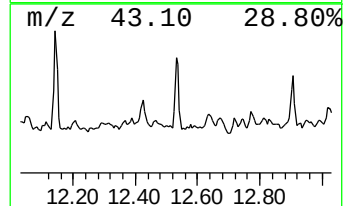
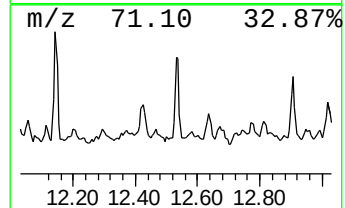
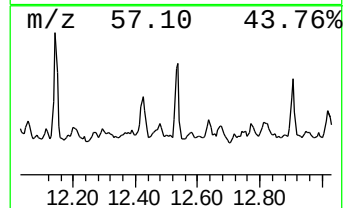
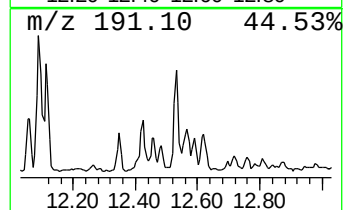
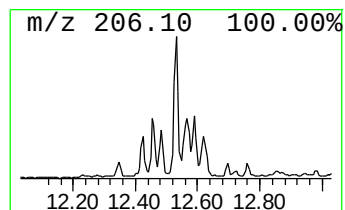
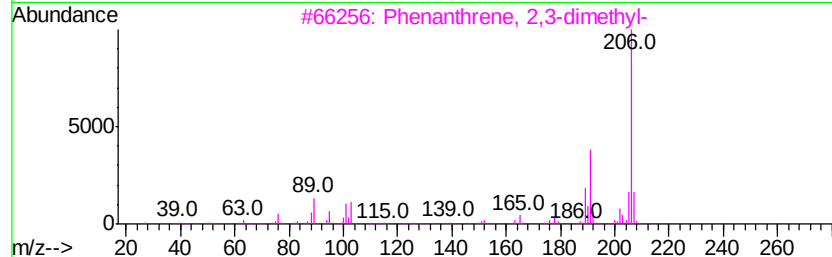
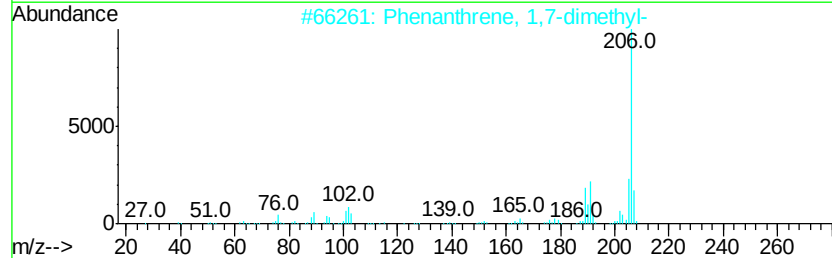
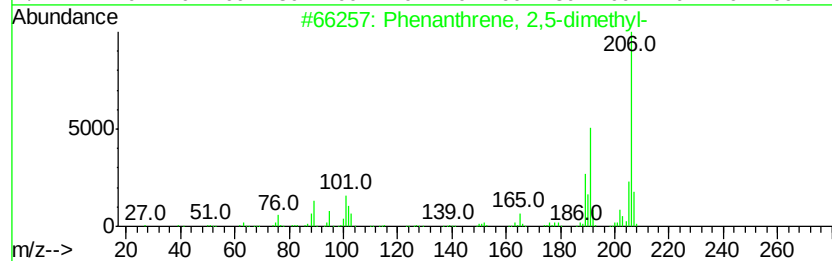
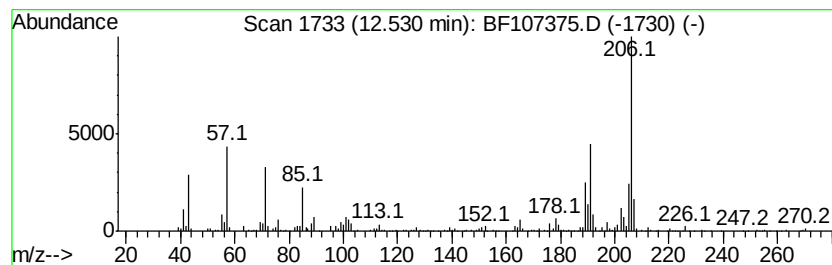
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	11.38 ng	215337	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107375.D
Acq On : 13 Jul 2018 18:48
Operator : JU/SJ
Sample : J3944-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOUNDRY-COMP

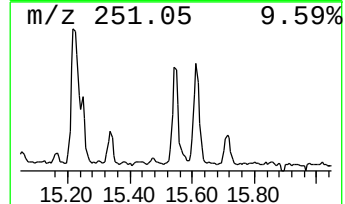
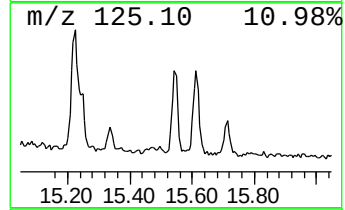
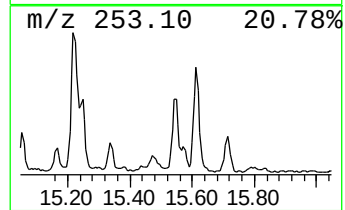
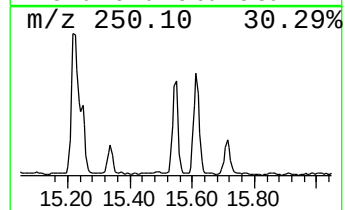
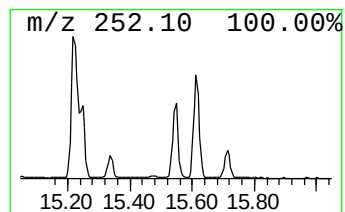
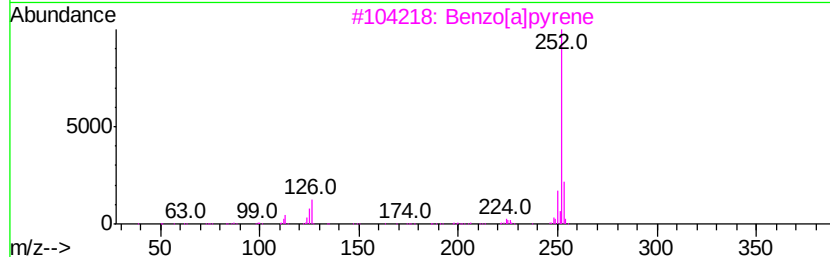
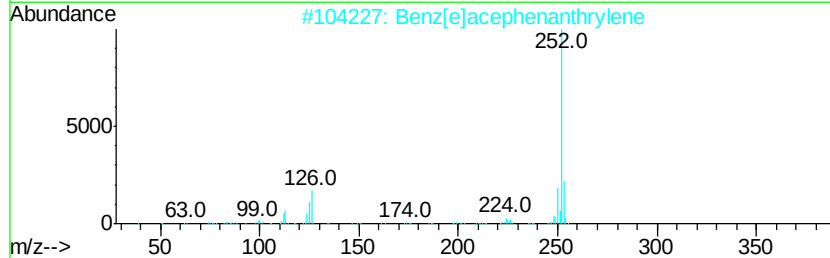
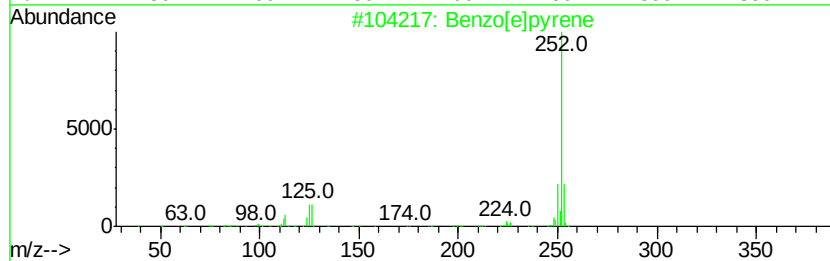
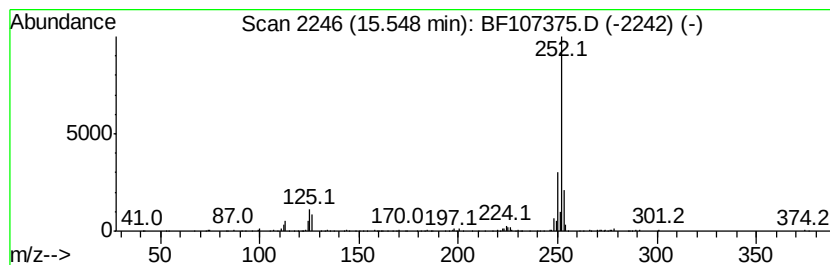
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	13.80 ng	160891	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Perylene	252	C20H12	000198-55-0	91
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107375.D
 Acq On : 13 Jul 2018 18:48
 Operator : JU/SJ
 Sample : J3944-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDRY-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethylene	4.67	8.1 ng		101169	1	6.93	250345	20.0
2-Pentanone, 4-hy...	5.16	8.6 ng		107613	1	6.93	250345	20.0
unknown6.71	6.71	59.6 ng		746364	1	6.93	250345	20.0
Tetradecane	9.35	8.4 ng		122858	3	9.98	290833	20.0
Naphthalene, 2,6-...	9.56	11.0 ng		159389	3	9.98	290833	20.0
Naphthalene, 1,4-...	9.63	9.3 ng		135978	3	9.98	290833	20.0
Naphthalene, 2,3-...	9.75	6.7 ng		97095	3	9.98	290833	20.0
Pentadecane	9.88	9.3 ng		134840	3	9.98	290833	20.0
Naphthalene, 1,4,...	10.32	6.7 ng		98018	3	9.98	290833	20.0
Hexadecane	10.38	13.1 ng		190553	3	9.98	290833	20.0
Bacchotricuneatin c	10.60	11.2 ng		162595	3	9.98	290833	20.0
Decane, 2-methyl-	10.87	16.6 ng		314743	4	11.48	378392	20.0
Dodecane	11.34	6.9 ng		130468	4	11.48	378392	20.0
Phenanthrene, 1-m...	11.98	8.2 ng		155033	4	11.48	378392	20.0
Phenanthrene, 2-m...	12.01	9.0 ng		170538	4	11.48	378392	20.0
1a,9b-Dihydro-1H-...	12.09	10.0 ng		189944	4	11.48	378392	20.0
1,2,4,8-Tetrameth...	12.27	7.2 ng		137051	4	11.48	378392	20.0
Phenanthrene, 2,5...	12.53	11.4 ng		215337	4	11.48	378392	20.0
Benzo[e]pyrene	15.55	13.8 ng		160891	6	15.68	233150	20.0