

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102475.D
 Acq On : 26 Jan 2018 18:15
 Operator : SJ/JU
 Sample : J1020-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-012418-A

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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	4.904	475	479	487	rBV	31638	39945	1.70%	0.104%
2	5.328	547	551	571	rBV	1891092	1905923	81.20%	4.969%
3	6.363	723	727	745	rBV	2242024	2222693	94.70%	5.795%
4	6.493	745	749	757	rVV	1984119	1920182	81.81%	5.006%
5	6.722	784	788	798	rBV	1111737	1011342	43.09%	2.637%
6	6.875	810	814	824	rBV	1652583	1406362	59.92%	3.667%
7	6.981	828	832	840	rVB	21360	30139	1.28%	0.079%
8	7.287	880	884	896	rBV	873432	926732	39.48%	2.416%
9	8.004	1002	1006	1009	rBV	1560207	1287134	54.84%	3.356%
10	8.716	1124	1127	1133	rBV	61495	70272	2.99%	0.183%
11	8.816	1140	1144	1148	rBV	75747	68022	2.90%	0.177%
12	9.022	1176	1179	1185	rBV4	19991	26042	1.11%	0.068%
13	9.075	1185	1188	1198	rVV	1686214	1674673	71.35%	4.366%
14	9.157	1199	1202	1204	rVV	50064	49036	2.09%	0.128%
15	9.181	1204	1206	1211	rVB	25128	29511	1.26%	0.077%
16	9.345	1230	1234	1238	rBV2	40312	59172	2.52%	0.154%
17	9.416	1243	1246	1248	rBV	76265	72115	3.07%	0.188%
18	9.475	1253	1256	1263	rVB	251862	249965	10.65%	0.652%
19	9.534	1263	1266	1271	rBV	42996	44427	1.89%	0.116%
20	9.616	1277	1280	1286	rBV	179103	184309	7.85%	0.481%
21	9.686	1289	1292	1296	rVB	90742	74696	3.18%	0.195%
22	9.757	1296	1304	1307	rBV2	1432891	1249635	53.24%	3.258%
23	9.786	1307	1309	1313	rVB	160190	144873	6.17%	0.378%
24	9.910	1326	1330	1334	rBV4	24603	36151	1.54%	0.094%
25	9.963	1334	1339	1343	rVV2	130269	145417	6.20%	0.379%
26	9.998	1343	1345	1350	rVV3	54179	57199	2.44%	0.149%
27	10.075	1354	1358	1361	rBV	43273	48635	2.07%	0.127%
28	10.104	1361	1363	1369	rVB3	27671	34406	1.47%	0.090%
29	10.157	1369	1372	1374	rBV4	29312	40558	1.73%	0.106%
30	10.181	1374	1376	1379	rVB	112496	91045	3.88%	0.237%
31	10.304	1394	1397	1403	rVB	292318	266602	11.36%	0.695%
32	10.392	1410	1412	1419	rVB4	36106	64237	2.74%	0.167%
33	10.463	1420	1424	1427	rVB	52444	49822	2.12%	0.130%
34	10.545	1435	1438	1445	rBV	649730	676067	28.80%	1.763%

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35	10.657	1454	1457	1465	rVB3	102208	149258	6.36%	0.389%
36	10.851	1486	1490	1493	rBV2	79041	98868	4.21%	0.258%
37	10.881	1493	1495	1498	rVB2	50313	38394	1.64%	0.100%
38	10.933	1502	1504	1507	rVB	38047	35932	1.53%	0.094%
39	10.980	1507	1512	1514	rBV3	41016	53864	2.29%	0.140%
40	11.051	1521	1524	1527	rBV2	38683	40875	1.74%	0.107%
41	11.104	1528	1533	1535	rVV2	60185	79807	3.40%	0.208%
42	11.139	1535	1539	1544	rVB	101785	116134	4.95%	0.303%
43	11.245	1553	1557	1559	rBV	1133366	1030274	43.90%	2.686%
44	11.269	1559	1561	1564	rVV	1626435	1243475	52.98%	3.242%
45	11.322	1566	1570	1573	rVV	505806	478271	20.38%	1.247%
46	11.357	1573	1576	1581	rVV2	55839	91184	3.88%	0.238%
47	11.404	1581	1584	1590	rVV4	24831	39267	1.67%	0.102%
48	11.480	1592	1597	1603	rVV	119798	159015	6.77%	0.415%
49	11.533	1603	1606	1611	rVV3	60138	77339	3.30%	0.202%
50	11.575	1611	1613	1618	rVB2	48179	57493	2.45%	0.150%
51	11.657	1625	1627	1631	rVB	27999	33545	1.43%	0.087%
52	11.745	1639	1642	1644	rBV	255183	205859	8.77%	0.537%
53	11.775	1644	1647	1651	rVB	317227	274195	11.68%	0.715%
54	11.822	1651	1655	1658	rBV	148199	135646	5.78%	0.354%
55	11.857	1658	1661	1663	rVV	481166	455305	19.40%	1.187%
56	11.880	1663	1665	1670	rVB	191619	166974	7.11%	0.435%
57	11.927	1670	1673	1676	rBV4	38060	52821	2.25%	0.138%
58	12.039	1689	1692	1695	rVV	164257	153408	6.54%	0.400%
59	12.075	1695	1698	1703	rVB	65949	68099	2.90%	0.178%
60	12.186	1715	1717	1720	rVV	54612	56996	2.43%	0.149%
61	12.222	1720	1723	1725	rVV	79822	67825	2.89%	0.177%
62	12.245	1725	1727	1730	rVB	58138	48647	2.07%	0.127%
63	12.292	1731	1735	1738	rBV	219091	245821	10.47%	0.641%
64	12.333	1738	1742	1744	rVV2	131764	185705	7.91%	0.484%
65	12.386	1747	1751	1755	rBV3	151962	179331	7.64%	0.468%
66	12.463	1759	1764	1767	rBV	2220153	2037389	86.81%	5.312%
67	12.504	1768	1771	1772	rBV	41742	34437	1.47%	0.090%
68	12.522	1772	1774	1777	rVB2	63009	48989	2.09%	0.128%
69	12.551	1777	1779	1782	rVB	73256	67726	2.89%	0.177%
70	12.610	1785	1789	1791	rBV	69638	79912	3.40%	0.208%
71	12.692	1796	1803	1808	rBV	2035618	2347087	100.00%	6.119%

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72	12.739	1808	1811	1815	rVB2	104362	131879	5.62%	0.344%
73	12.827	1819	1826	1829	rBV	1293376	1250691	53.29%	3.261%
74	12.904	1834	1839	1843	rBV2	182169	281711	12.00%	0.734%
75	12.992	1850	1854	1856	rBV2	158106	226471	9.65%	0.590%
76	13.016	1856	1858	1861	rVB	360434	296548	12.63%	0.773%
77	13.080	1866	1869	1872	rBV	292502	236290	10.07%	0.616%
78	13.122	1872	1876	1878	rBV2	260658	276991	11.80%	0.722%
79	13.174	1883	1885	1888	rBV2	35182	38831	1.65%	0.101%
80	13.210	1888	1891	1894	rBV	170398	144559	6.16%	0.377%
81	13.239	1894	1896	1900	rBV	157281	164355	7.00%	0.429%
82	13.498	1938	1940	1942	rBV2	57590	58815	2.51%	0.153%
83	13.527	1942	1945	1949	rVB	167101	178701	7.61%	0.466%
84	13.633	1960	1963	1965	rBV	196518	174988	7.46%	0.456%
85	13.663	1965	1968	1970	rVV	184029	171249	7.30%	0.446%
86	13.686	1970	1972	1974	rVV	173400	168975	7.20%	0.441%
87	13.733	1977	1980	1988	rVB4	209332	332480	14.17%	0.867%
88	13.886	1999	2006	2009	rBV2	1424691	2336585	99.55%	6.092%
89	13.916	2009	2011	2014	rVB	1022657	790330	33.67%	2.061%
90	13.992	2022	2024	2026	rVB	165456	114476	4.88%	0.298%
91	14.039	2029	2032	2037	rBV5	107390	164037	6.99%	0.428%
92	14.233	2063	2065	2067	rBV2	90905	80544	3.43%	0.210%
93	14.274	2069	2072	2075	rVV	234793	241101	10.27%	0.629%
94	14.310	2075	2078	2081	rVB	107447	121784	5.19%	0.318%
95	14.398	2091	2093	2095	rBV	93345	79149	3.37%	0.206%
96	14.916	2176	2181	2187	rBV	706989	1359548	57.92%	3.545%
97	15.016	2195	2198	2202	rVB	137615	145110	6.18%	0.378%
98	15.198	2226	2229	2235	rVB	381645	489296	20.85%	1.276%
99	15.263	2236	2240	2245	rVB	588560	706130	30.09%	1.841%
100	15.321	2246	2250	2253	rBV	515806	601720	25.64%	1.569%

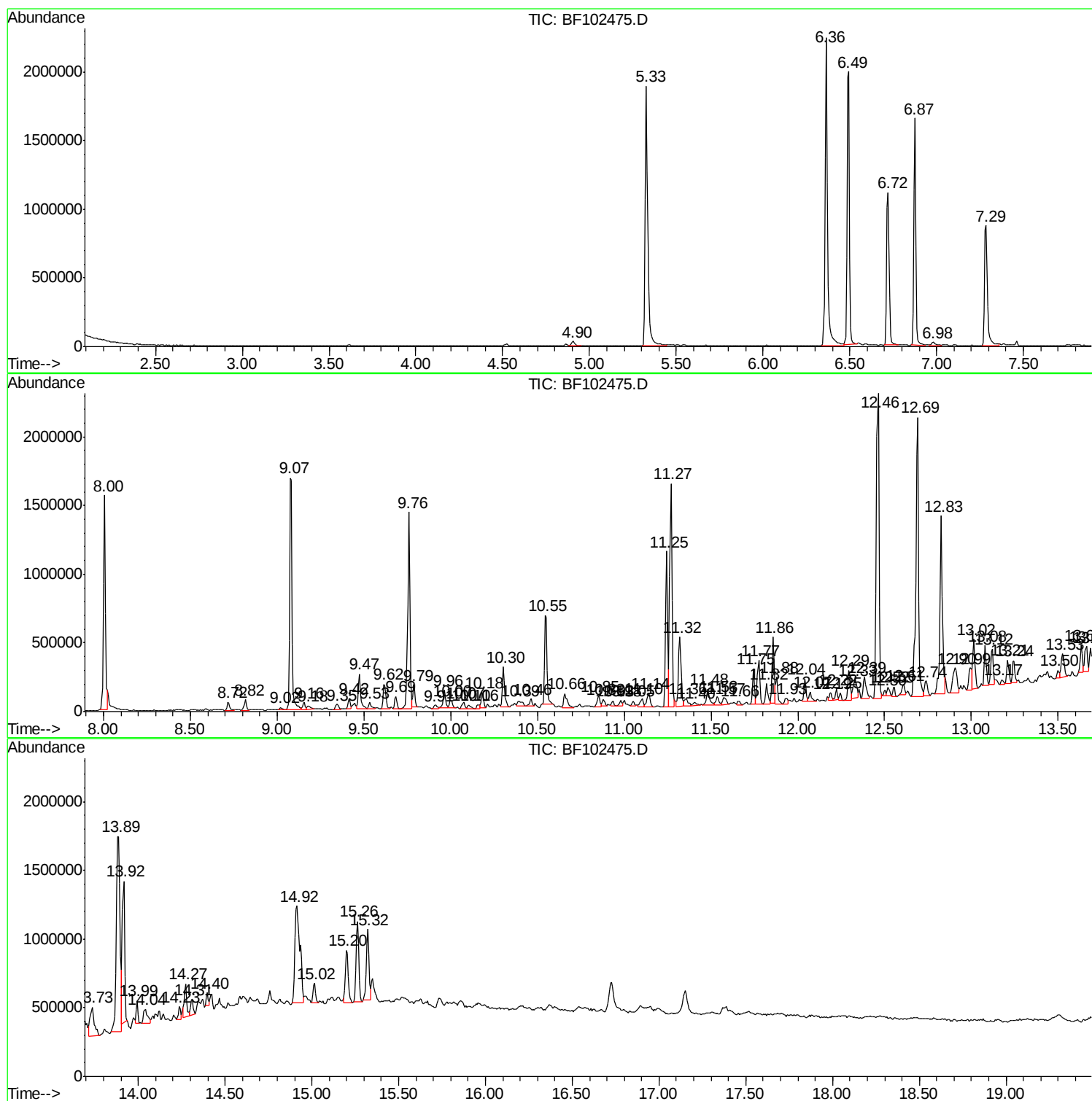
Sum of corrected areas: 38355850

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.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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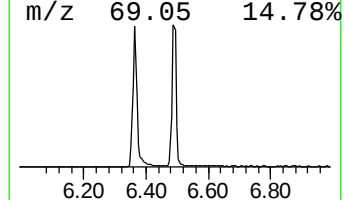
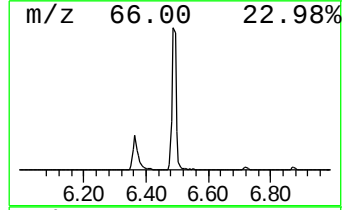
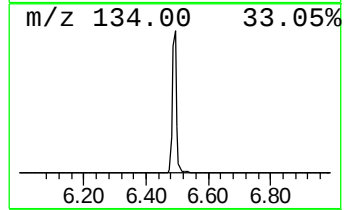
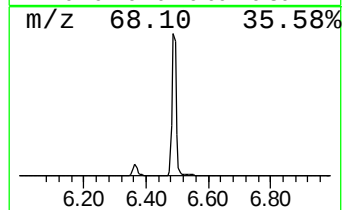
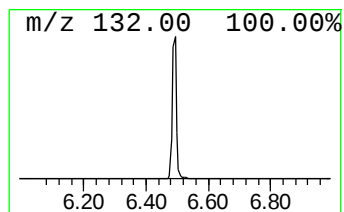
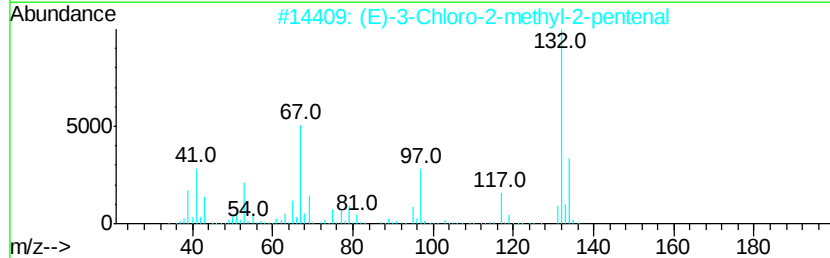
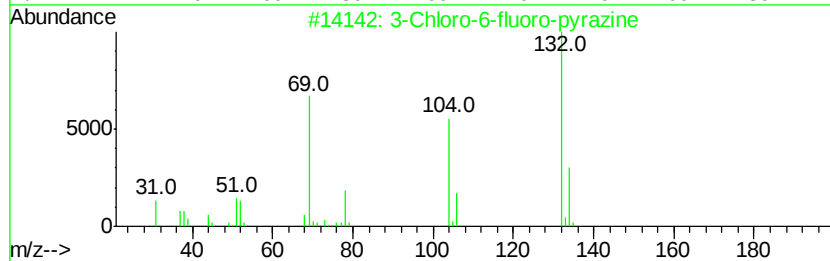
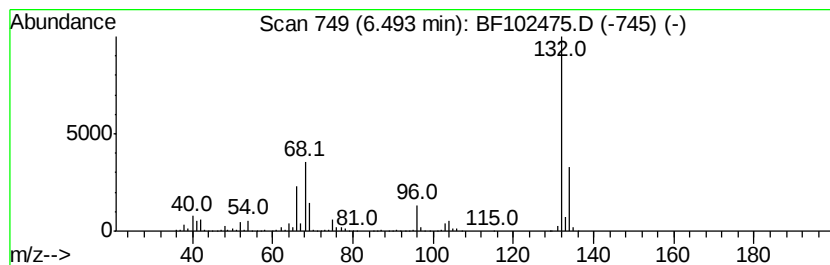
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	37.97 ng	1920180	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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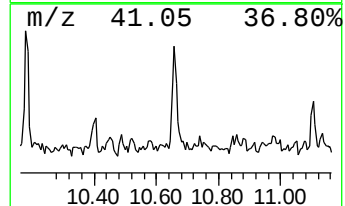
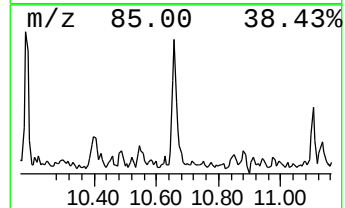
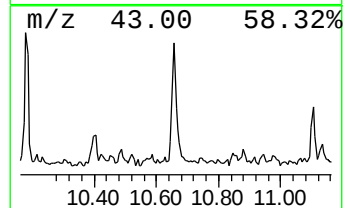
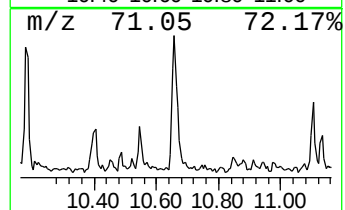
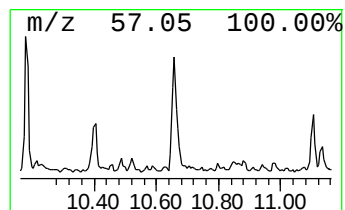
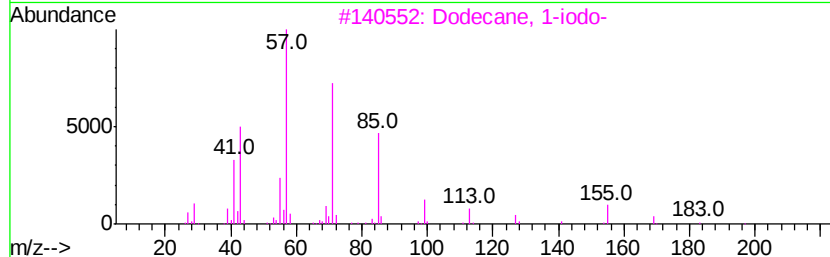
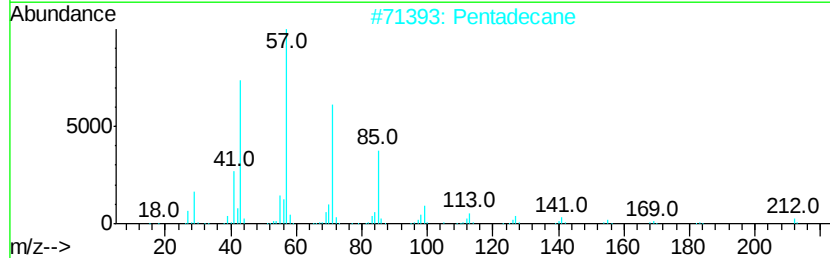
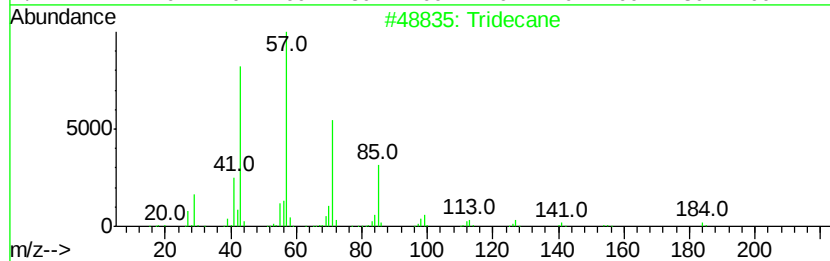
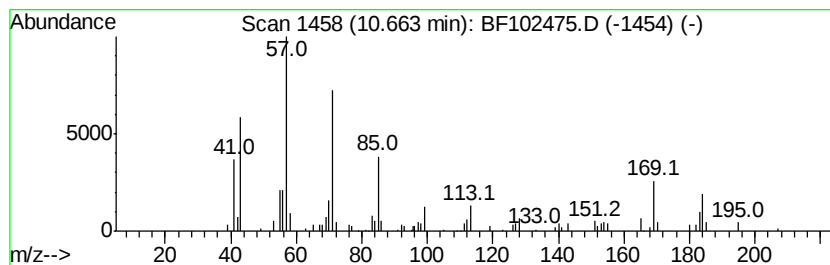
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	2.90 ng	149258	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Pentadecane	212	C15H32	000629-62-9	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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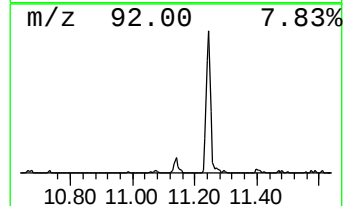
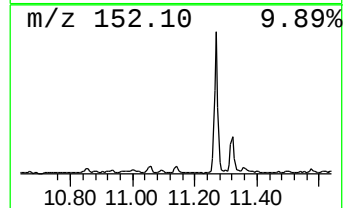
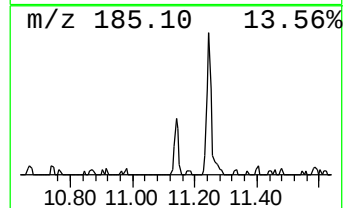
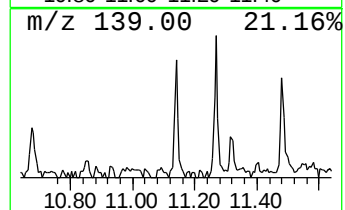
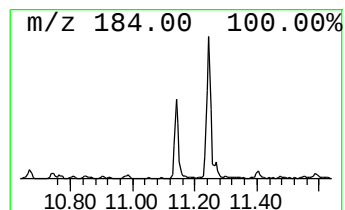
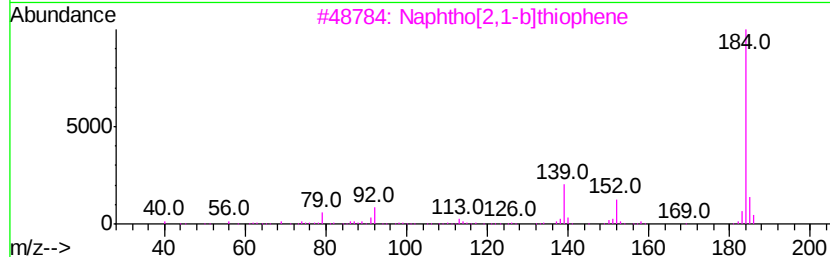
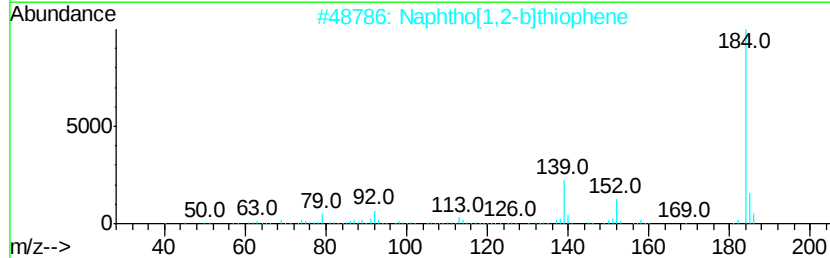
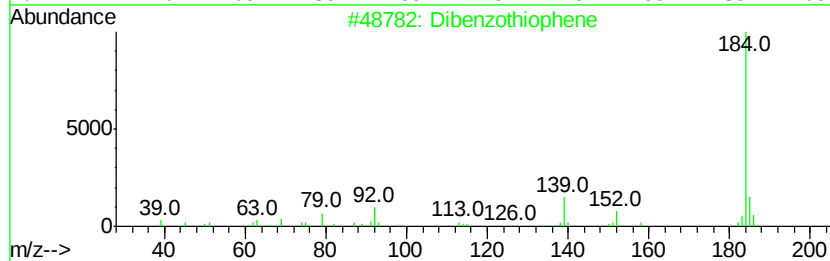
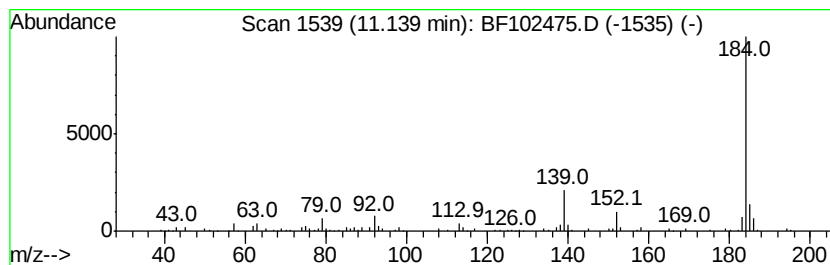
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.25 ng	116134	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
Sample : J1020-01 2X
Misc :
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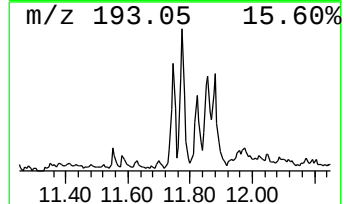
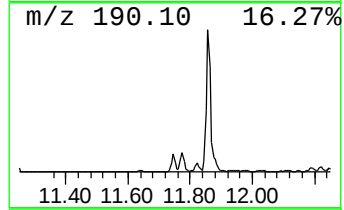
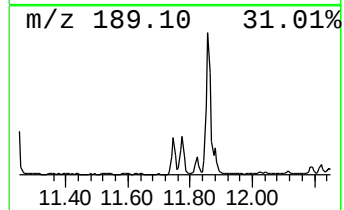
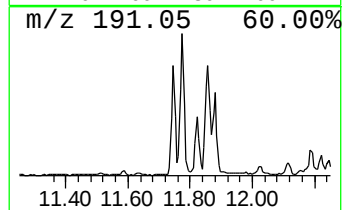
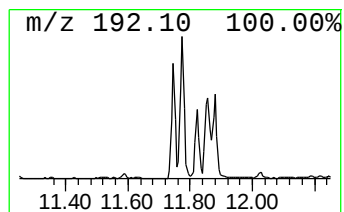
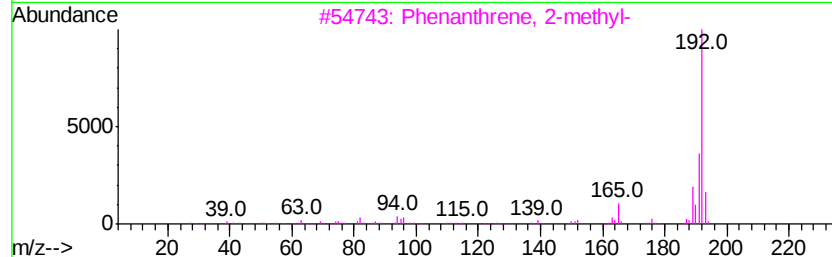
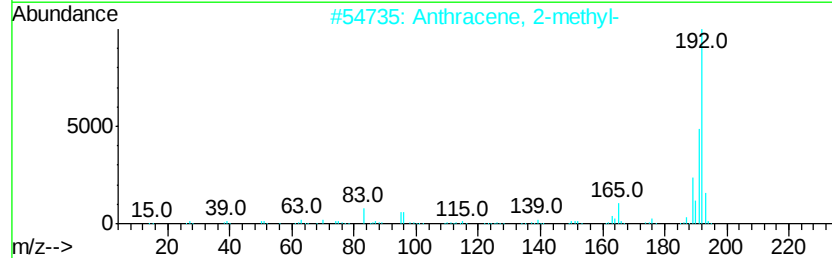
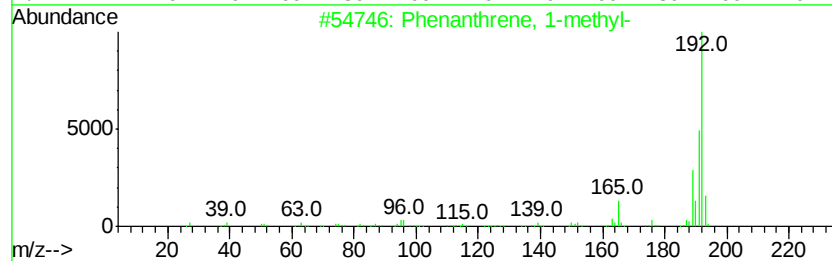
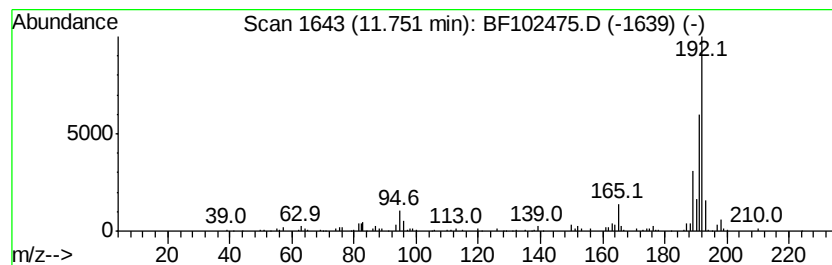
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ClientSampleId :
PL-01-012418-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.00 ng	205859	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102475.D
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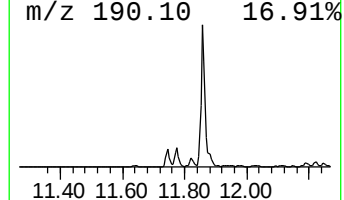
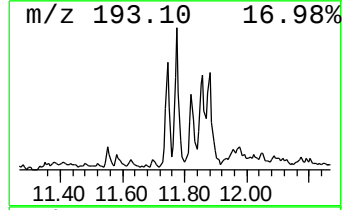
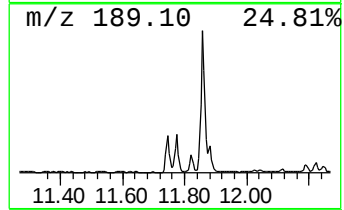
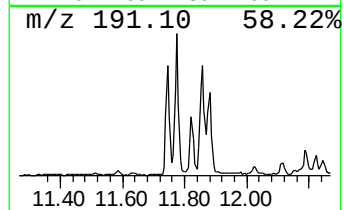
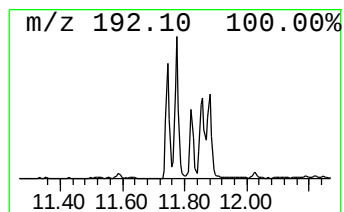
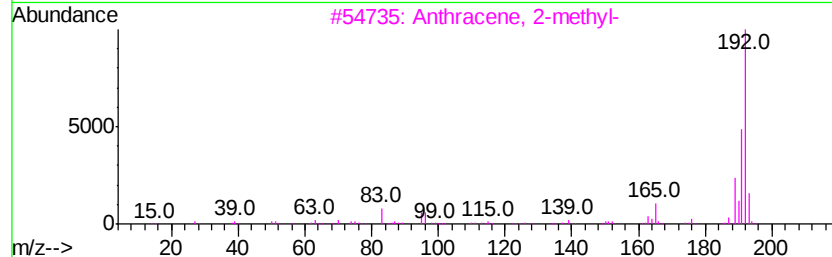
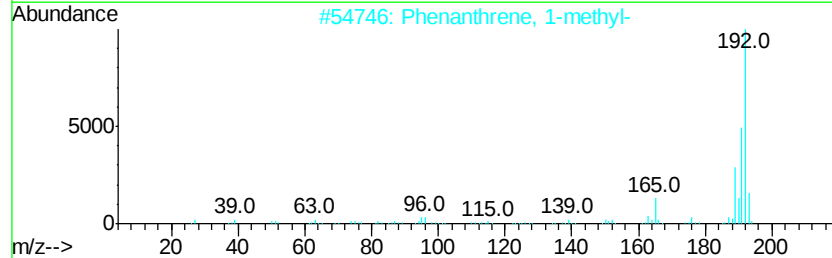
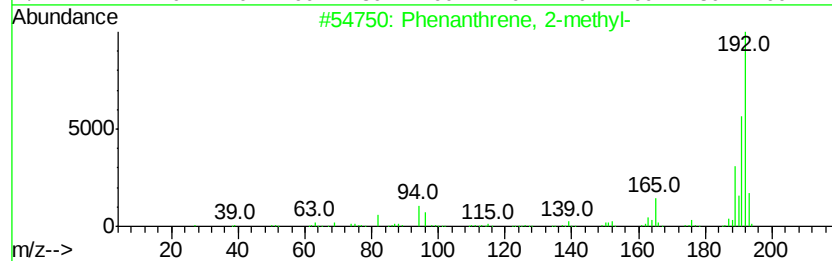
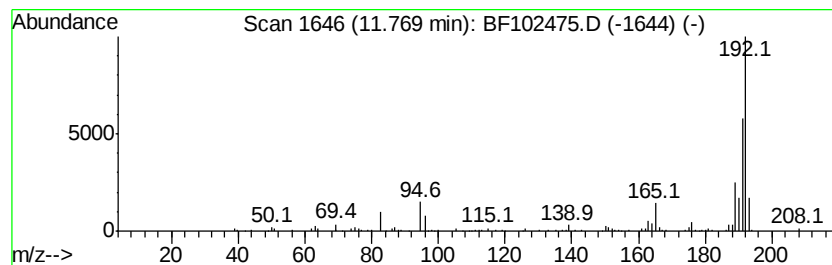
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	5.32 ng	274195	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
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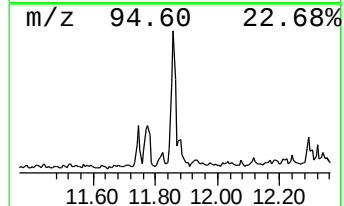
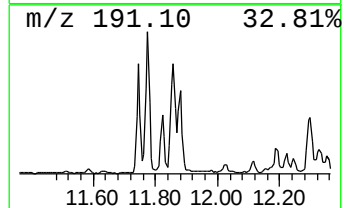
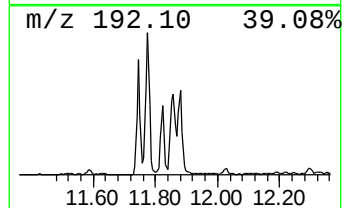
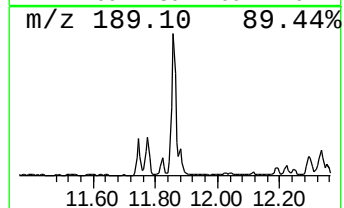
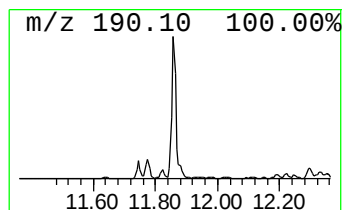
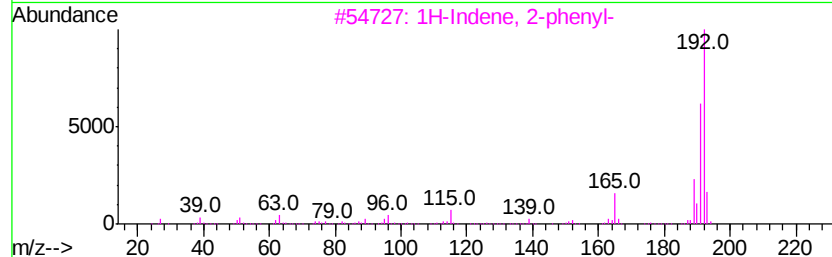
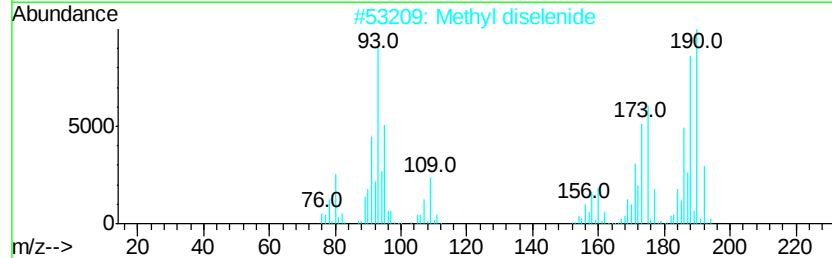
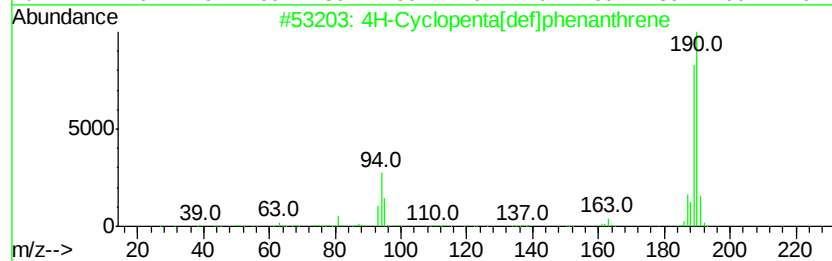
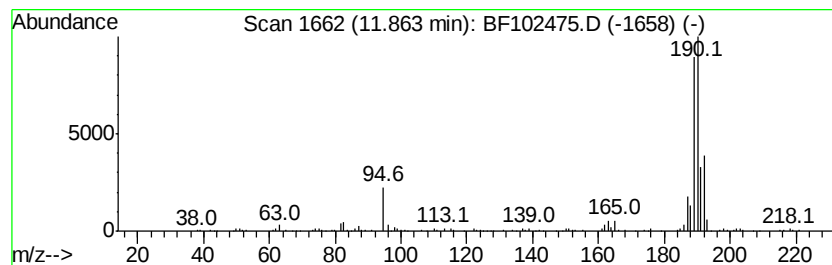
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	8.84 ng	455305	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	15



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
Sample : J1020-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-012418-A

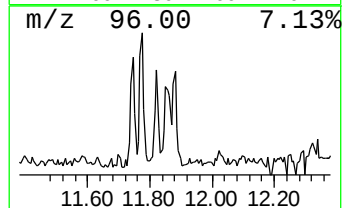
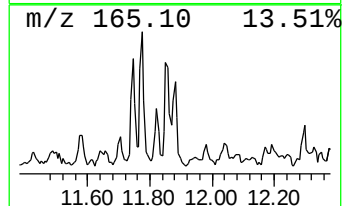
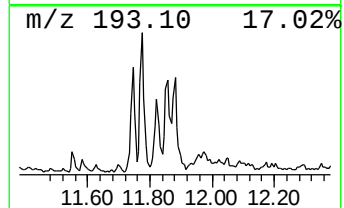
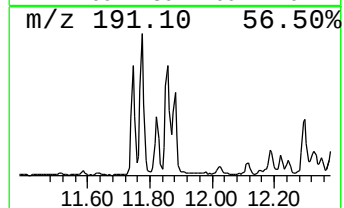
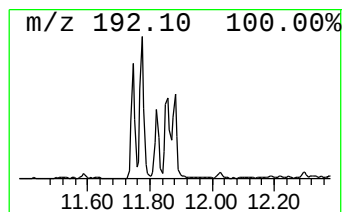
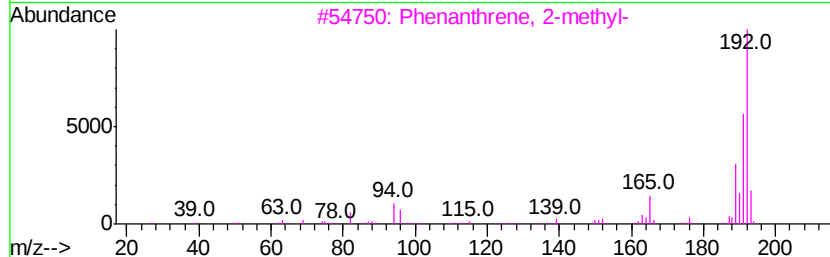
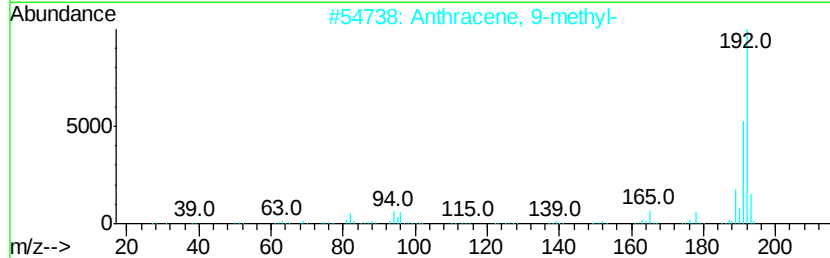
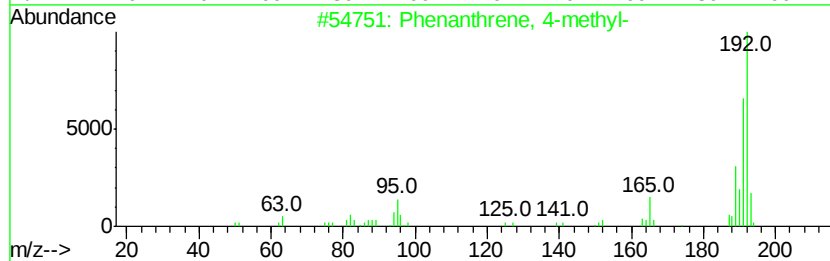
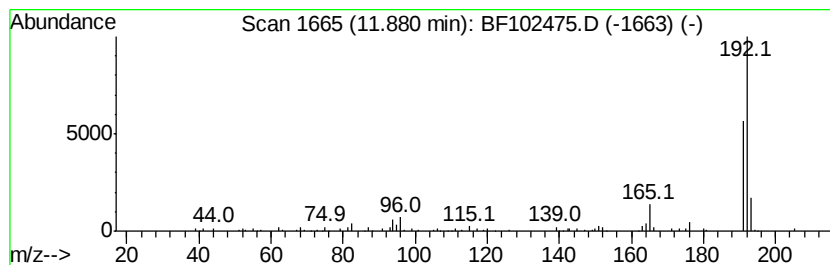
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.24 ng	166974	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-012418-A

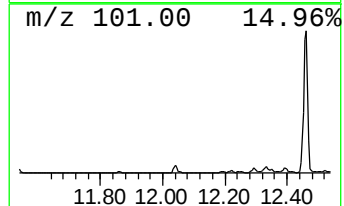
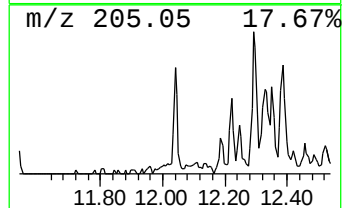
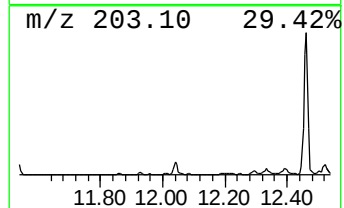
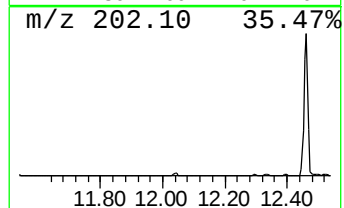
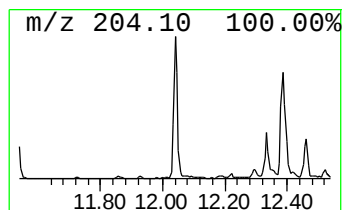
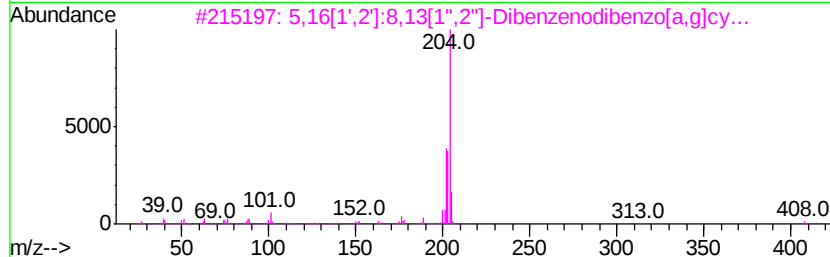
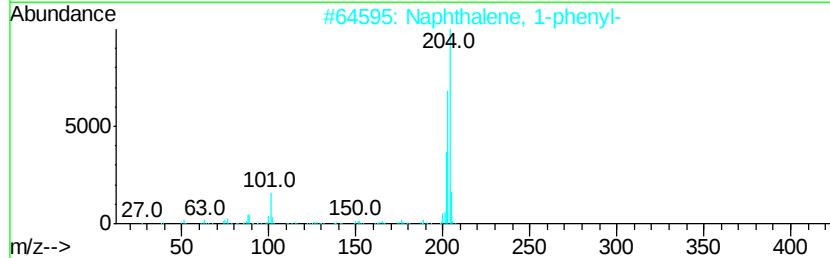
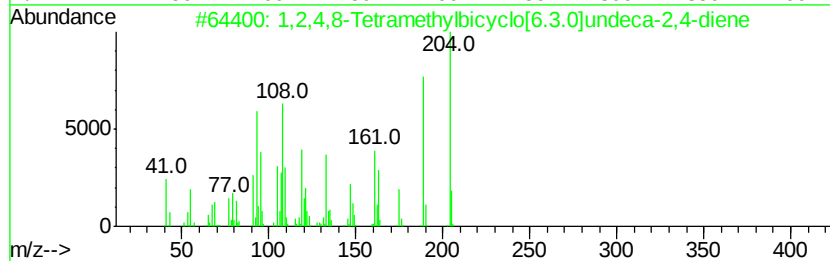
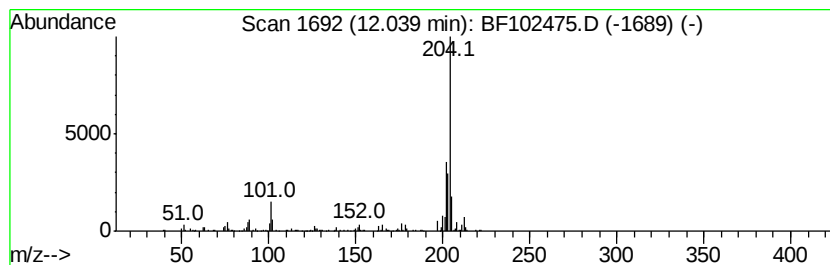
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.98 ng	153408	Phenanthrene-d10	11.25

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	83
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3			5,16[1',2']8,13[1'',2'']-Dibenz[1,2-b:4,5-b']diphenylene	408	C32H24	005672-97-9	80
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	76



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
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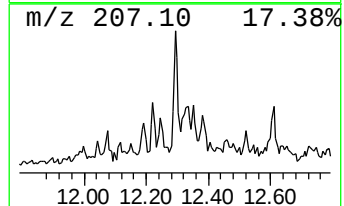
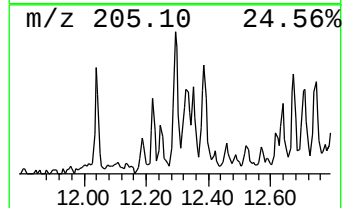
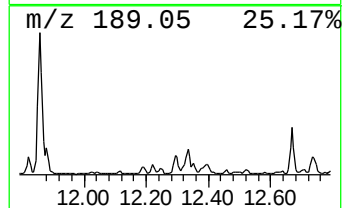
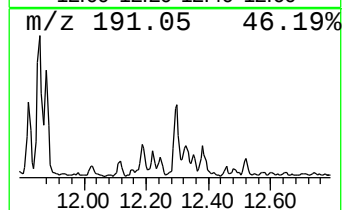
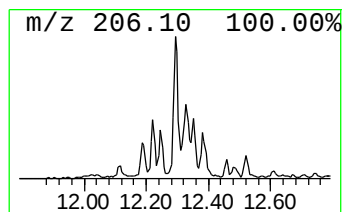
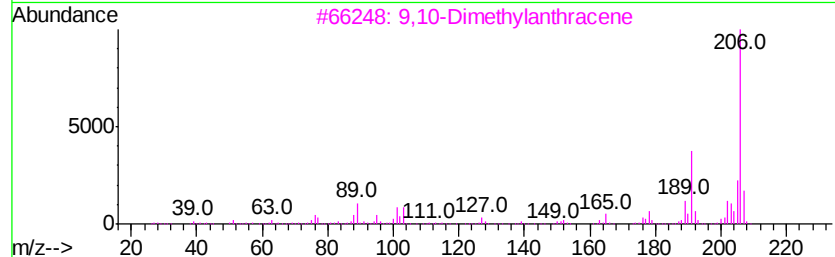
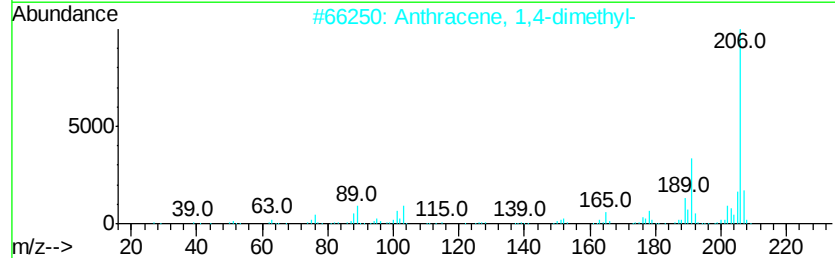
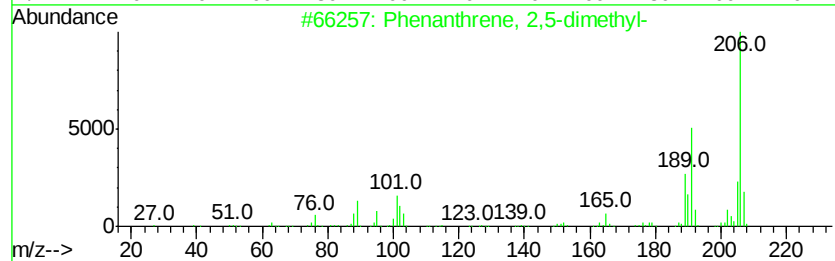
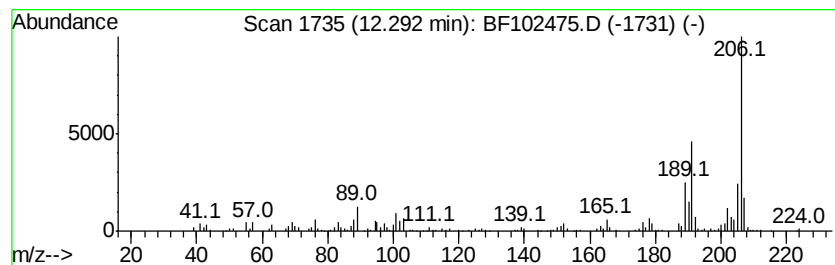
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.77 ng	245821	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	92



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
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Instrument :
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ClientSampleId :
PL-01-012418-A

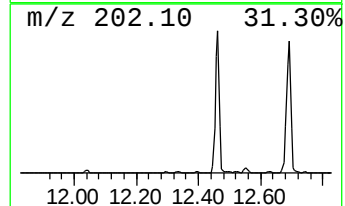
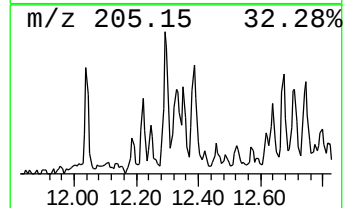
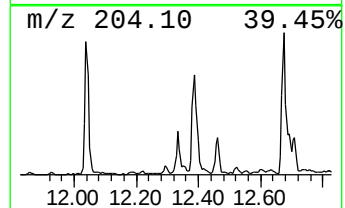
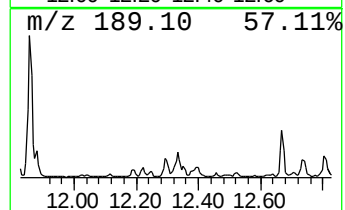
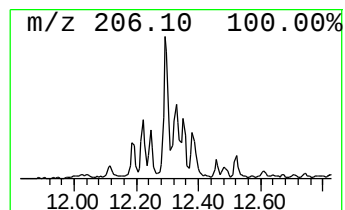
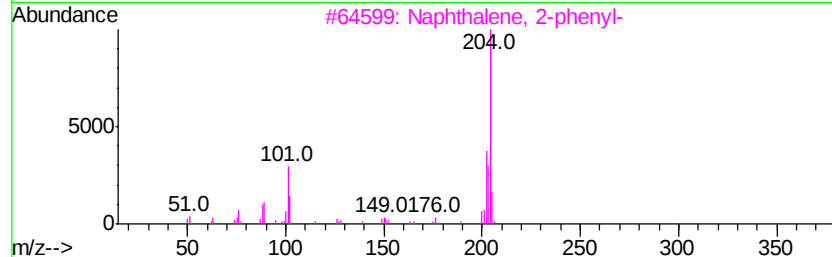
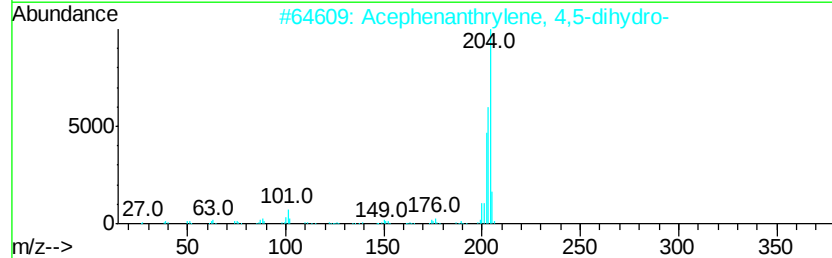
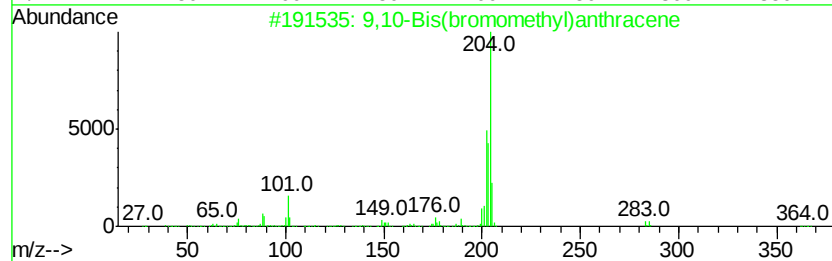
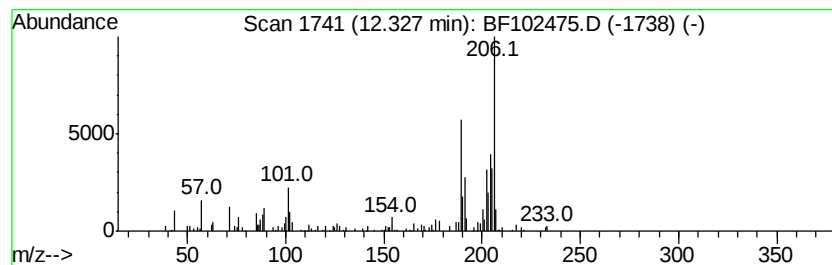
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.33 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.60 ng	185705	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
2		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	30
5		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	27



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
Sample : J1020-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-012418-A

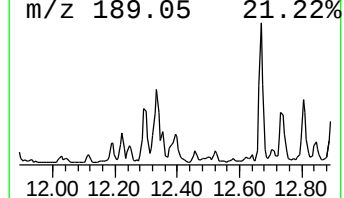
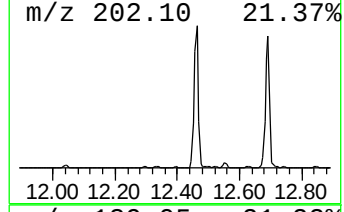
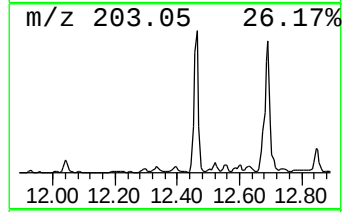
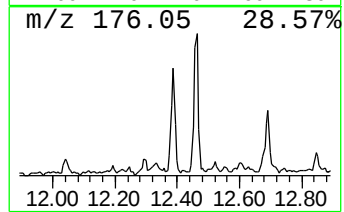
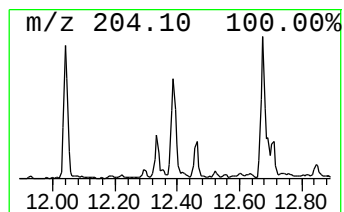
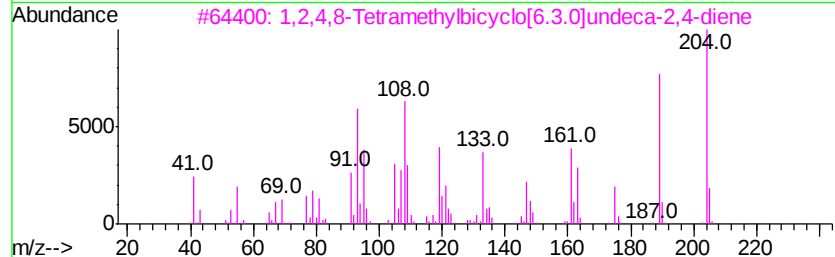
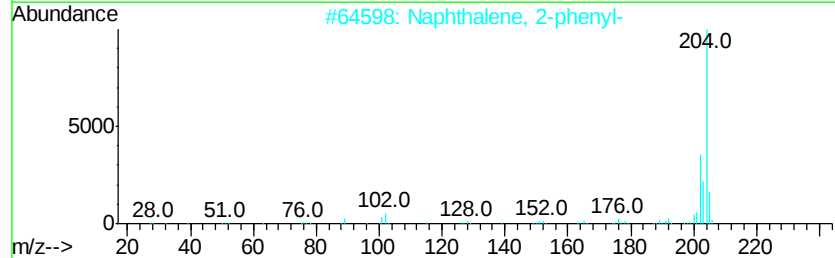
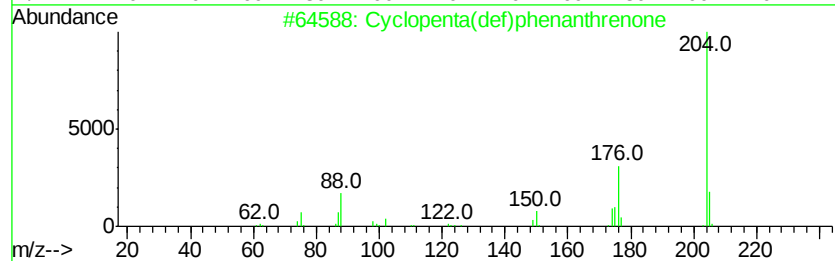
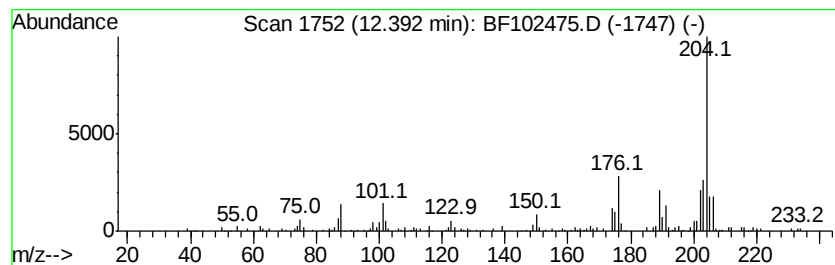
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.48 ng	179331	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	41
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40
5			4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	40



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
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Sample : J1020-01 2X
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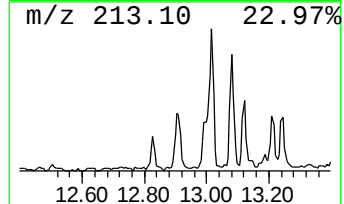
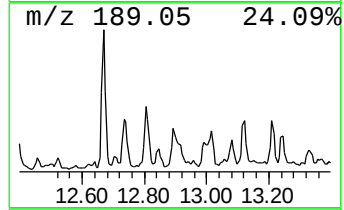
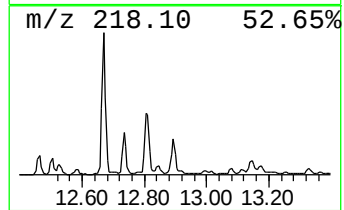
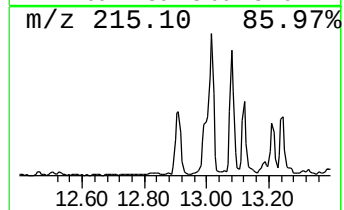
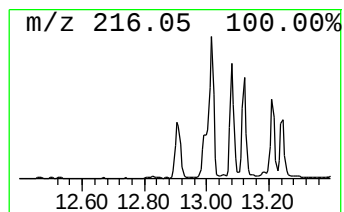
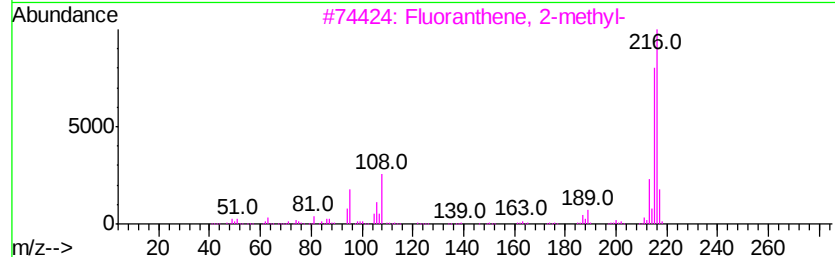
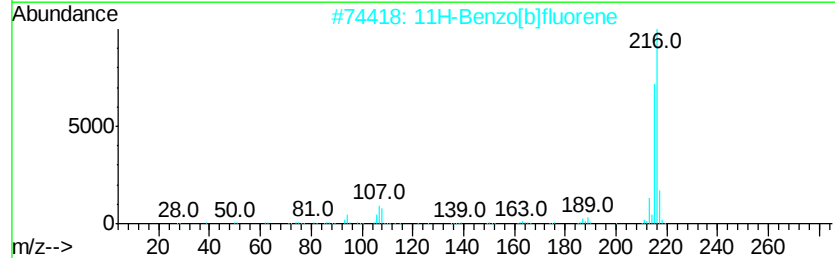
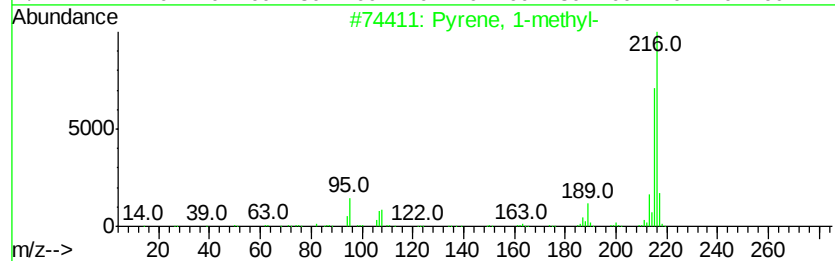
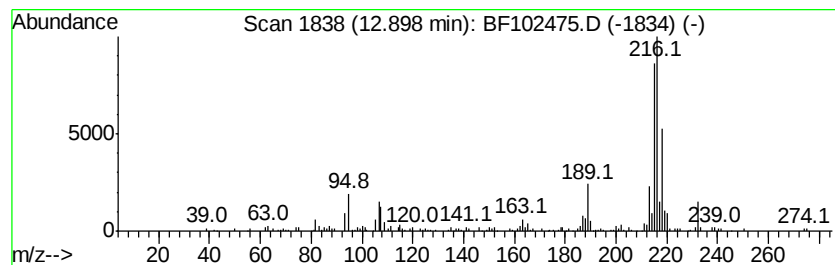
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.90	2.41 ng	281711	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102475.D
Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
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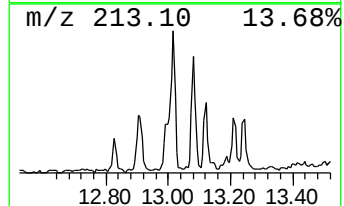
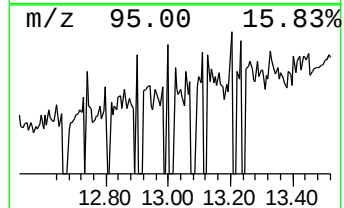
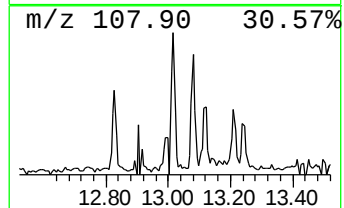
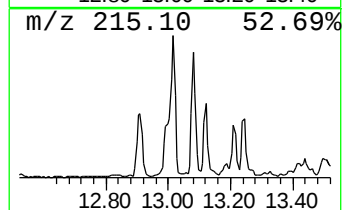
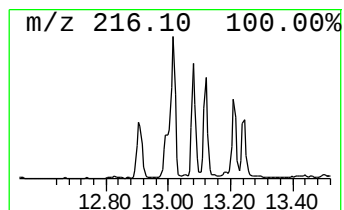
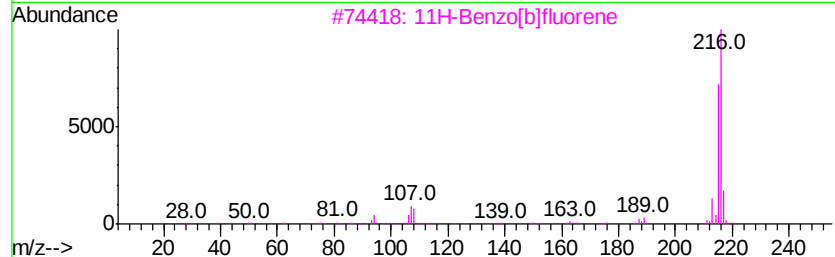
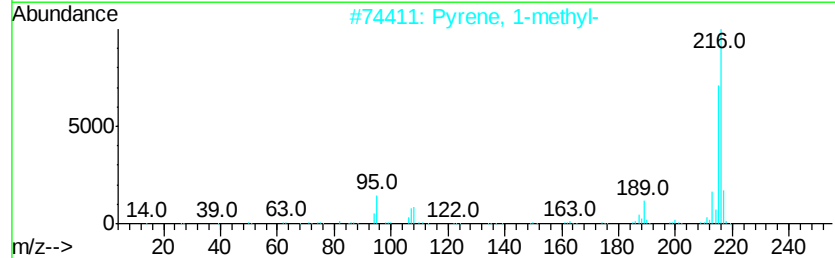
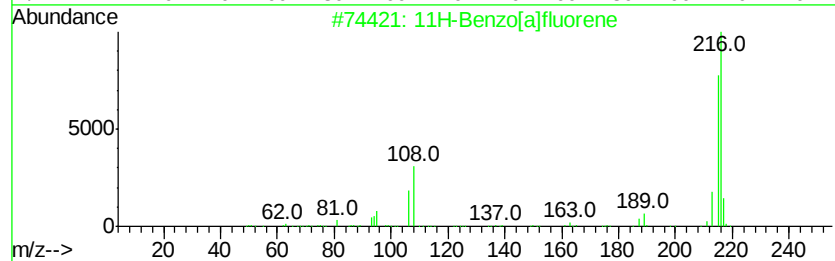
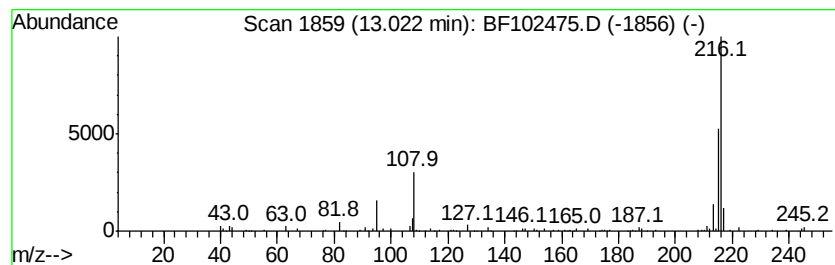
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.54 ng	296548	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
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Acq On : 26 Jan 2018 18:15
Operator : SJ/JU
Sample : J1020-01 2X
Misc :
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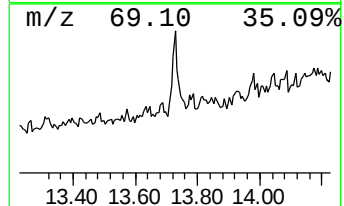
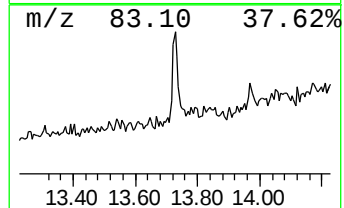
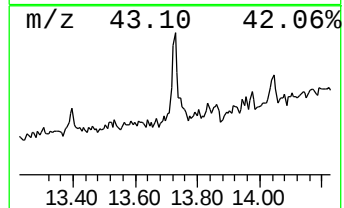
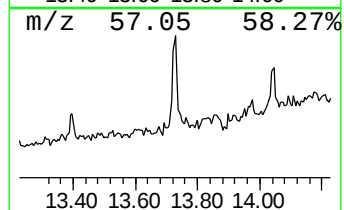
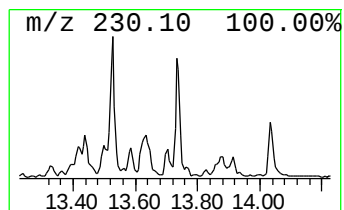
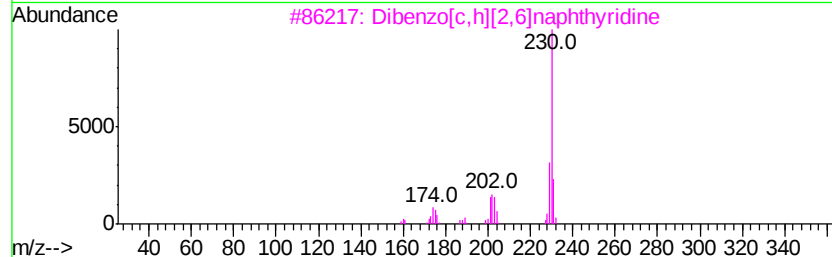
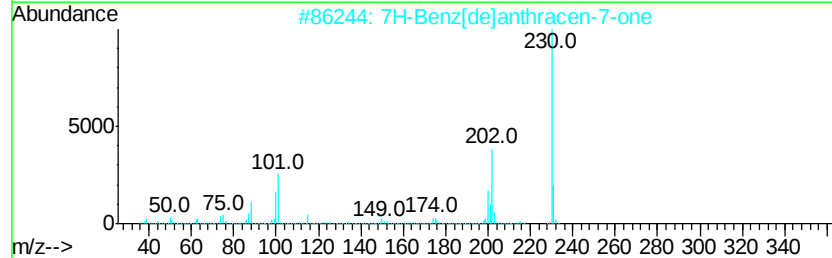
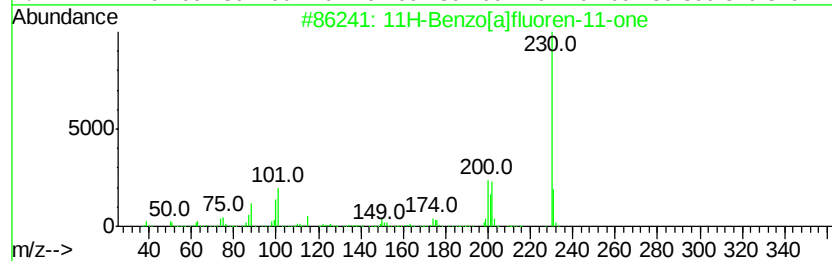
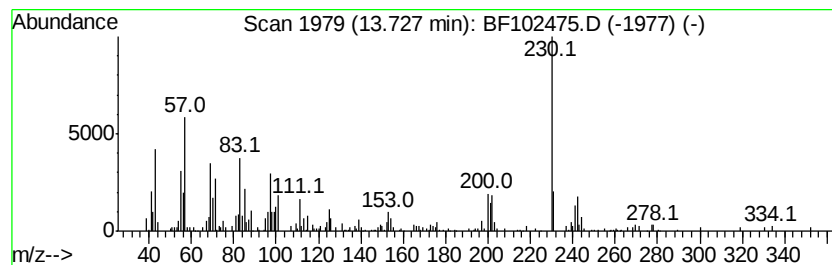
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	2.85 ng	332480	Chrysene-d12	13.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3		Dibenzo[c,h][2,6]naphthvridine	230	C16H10N2	000218-30-4	59
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5		o-Terphenyl	230	C18H14	000084-15-1	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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ClientSampleId :
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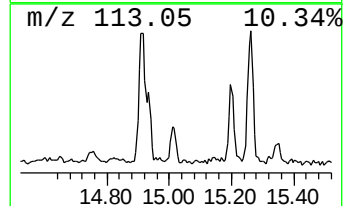
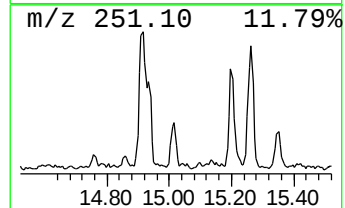
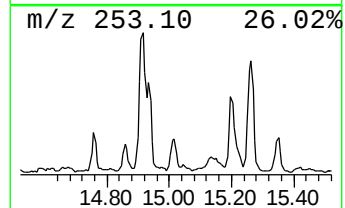
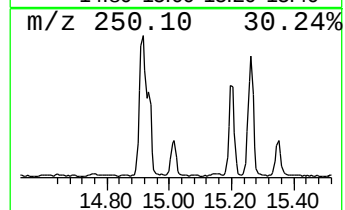
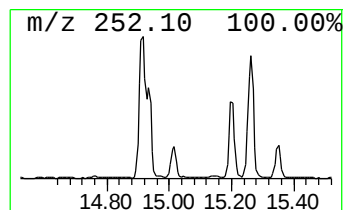
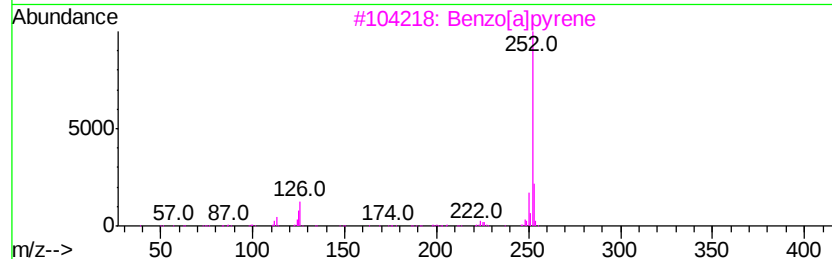
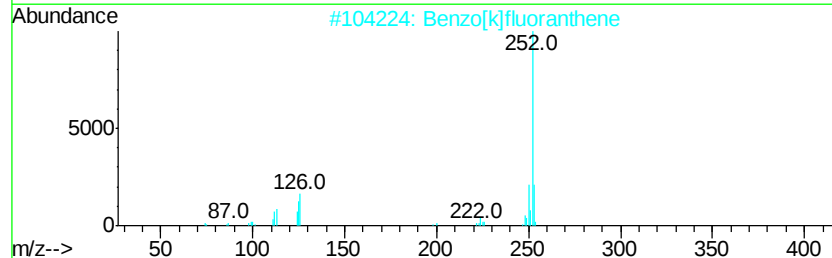
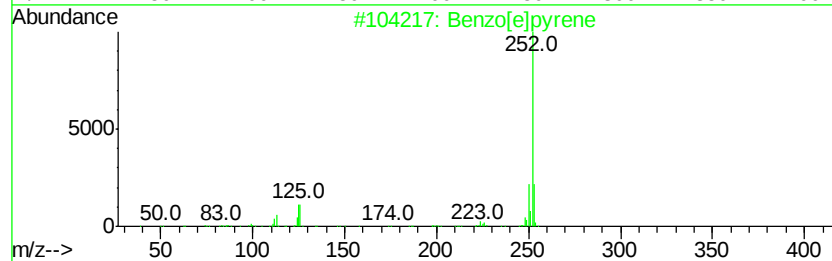
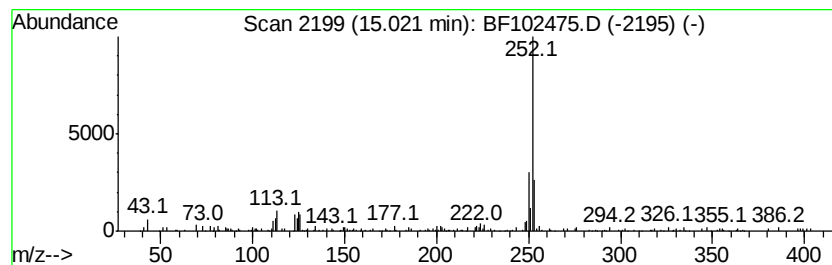
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.82 ng	145110	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	89



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
 Data File : BF102475.D
 Acq On : 26 Jan 2018 18:15
 Operator : SJ/JU
 Sample : J1020-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
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Tridecane	10.66	2.9	ng	149258	4	11.25	1030270	20.0
Dibenzothiophene	11.14	2.3	ng	116134	4	11.25	1030270	20.0
Phenanthrene, 1-m...	11.75	4.0	ng	205859	4	11.25	1030270	20.0
Phenanthrene, 2-m...	11.77	5.3	ng	274195	4	11.25	1030270	20.0
4H-Cyclopenta[def...	11.86	8.8	ng	455305	4	11.25	1030270	20.0
Phenanthrene, 4-m...	11.88	3.2	ng	166974	4	11.25	1030270	20.0
1,2,4,8-Tetrameth...	12.04	3.0	ng	153408	4	11.25	1030270	20.0
Phenanthrene, 2,5...	12.29	4.8	ng	245821	4	11.25	1030270	20.0
unknown12.33	12.33	3.6	ng	185705	4	11.25	1030270	20.0
Cyclopenta(def)ph...	12.39	3.5	ng	179331	4	11.25	1030270	20.0
Pyrene, 1-methyl-	12.90	2.4	ng	281711	5	13.89	2336590	20.0
11H-Benzo[a]fluorene	13.02	2.5	ng	296548	5	13.89	2336590	20.0
11H-Benzo[a]fluor...	13.73	2.9	ng	332480	5	13.89	2336590	20.0
Benzo[e]pyrene	15.02	4.8	ng	145110	6	15.32	601720	20.0