

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
 Data File : BF114039.D
 Acq On : 30 Apr 2019 13:59
 Operator : JU/SJ
 Sample : K2199-17 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042919-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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	2.158	8	12	29	rVB3	37922	92910	5.43%	0.273%
2	5.510	577	582	600	rVB	1119978	1131075	66.12%	3.320%
3	6.510	748	752	761	rBV	1305433	1212450	70.87%	3.559%
4	6.657	773	777	780	rBV	1578808	1293480	75.61%	3.797%
5	6.887	813	816	820	rBV	903505	730279	42.69%	2.143%
6	7.045	839	843	846	rBV	1296682	1033892	60.43%	3.035%
7	7.445	904	911	916	rBV	773162	768306	44.91%	2.255%
8	8.169	1029	1034	1037	rBV	1108948	995395	58.18%	2.922%
9	8.763	1132	1135	1139	rBV2	61929	55243	3.23%	0.162%
10	8.881	1152	1155	1160	rVB	251640	196600	11.49%	0.577%
11	8.981	1167	1172	1176	rBV	269000	246070	14.38%	0.722%
12	9.239	1212	1216	1222	rBV	1810824	1575190	92.08%	4.623%
13	9.328	1227	1231	1236	rBV2	75802	92320	5.40%	0.271%
14	9.439	1248	1250	1255	rVB	56306	65620	3.84%	0.193%
15	9.510	1255	1262	1265	rBV	168371	225733	13.19%	0.663%
16	9.581	1270	1274	1276	rVV	269559	258504	15.11%	0.759%
17	9.604	1276	1278	1281	rVV	164000	176011	10.29%	0.517%
18	9.633	1281	1283	1288	rVV	248200	254443	14.87%	0.747%
19	9.698	1291	1294	1299	rVB	124303	135909	7.94%	0.399%
20	9.781	1305	1308	1313	rVB	140944	124435	7.27%	0.365%
21	9.857	1316	1321	1323	rVV	69728	69652	4.07%	0.204%
22	9.922	1329	1332	1335	rVB	1329425	1052172	61.50%	3.088%
23	9.951	1335	1337	1341	rVB	177593	163601	9.56%	0.480%
24	10.028	1346	1350	1354	rBV2	72793	88952	5.20%	0.261%
25	10.122	1362	1366	1370	rVB	162455	162238	9.48%	0.476%
26	10.163	1370	1373	1377	rBV	95996	75053	4.39%	0.220%
27	10.239	1383	1386	1388	rBV	78357	76229	4.46%	0.224%
28	10.269	1388	1391	1393	rVV	66191	53899	3.15%	0.158%
29	10.328	1397	1401	1403	rBV	57197	72398	4.23%	0.212%
30	10.351	1403	1405	1408	rVB2	90942	76475	4.47%	0.224%
31	10.416	1413	1416	1419	rVV2	42248	43862	2.56%	0.129%
32	10.469	1421	1425	1431	rVV	272414	269684	15.76%	0.792%
33	10.533	1431	1436	1438	rVV2	59841	80782	4.72%	0.237%
34	10.557	1438	1440	1442	rVV2	58543	60116	3.51%	0.176%

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35	10.580	1442	1444	1446	rVV2	60420	57383	3.35%	0.168%
36	10.622	1448	1451	1455	rVB2	65587	77732	4.54%	0.228%
37	10.704	1461	1465	1470	rBV	1054599	990833	57.92%	2.908%
38	10.745	1470	1472	1477	rVB3	25767	43134	2.52%	0.127%
39	10.833	1482	1487	1494	rVB3	95945	156333	9.14%	0.459%
40	11.016	1513	1518	1520	rBV3	102065	126037	7.37%	0.370%
41	11.045	1520	1523	1526	rVV2	82398	91210	5.33%	0.268%
42	11.098	1529	1532	1535	rVB	69156	65456	3.83%	0.192%
43	11.145	1535	1540	1542	rBV4	39888	70431	4.12%	0.207%
44	11.169	1542	1544	1548	rVV	50885	49709	2.91%	0.146%
45	11.210	1548	1551	1555	rVB3	45963	46127	2.70%	0.135%
46	11.275	1555	1562	1564	rBV4	67426	108491	6.34%	0.318%
47	11.304	1564	1567	1572	rVB	178853	182257	10.65%	0.535%
48	11.404	1581	1584	1586	rBV	1154452	1062243	62.09%	3.118%
49	11.427	1586	1588	1592	rVV	1217522	1044611	61.06%	3.066%
50	11.480	1594	1597	1600	rVB	279851	227889	13.32%	0.669%
51	11.516	1600	1603	1606	rBV2	68607	85180	4.98%	0.250%
52	11.633	1617	1623	1625	rBV	64696	84315	4.93%	0.247%
53	11.698	1631	1634	1637	rVV	91770	69038	4.04%	0.203%
54	11.733	1637	1640	1646	rVB	126015	133197	7.79%	0.391%
55	11.822	1652	1655	1658	rVB	94345	97361	5.69%	0.286%
56	11.904	1666	1669	1671	rVV	335425	338072	19.76%	0.992%
57	11.933	1671	1674	1679	rVV	1014493	957293	55.96%	2.810%
58	11.980	1679	1682	1685	rVV	154118	171449	10.02%	0.503%
59	12.016	1685	1688	1691	rVV2	431985	511202	29.88%	1.500%
60	12.039	1691	1692	1697	rVB	241532	176605	10.32%	0.518%
61	12.104	1701	1703	1706	rVV	74763	63769	3.73%	0.187%
62	12.139	1706	1709	1711	rVB2	59884	48697	2.85%	0.143%
63	12.198	1717	1719	1721	rBV	145889	116120	6.79%	0.341%
64	12.222	1721	1723	1728	rVB2	94375	113261	6.62%	0.332%
65	12.333	1739	1742	1743	rBV	63026	53645	3.14%	0.157%
66	12.351	1743	1745	1747	rVB	89823	64431	3.77%	0.189%
67	12.380	1747	1750	1752	rBV	142383	120647	7.05%	0.354%
68	12.404	1752	1754	1757	rVB2	107730	95305	5.57%	0.280%
69	12.457	1759	1763	1766	rBV	319582	313402	18.32%	0.920%
70	12.492	1766	1769	1771	rVV2	189984	203748	11.91%	0.598%
71	12.539	1775	1777	1782	rBV2	113593	143364	8.38%	0.421%

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72	12.616	1787	1790	1794	rBV	1213427	1116385	65.26%	3.277%
73	12.722	1803	1808	1814	rBV2	1079256	1237441	72.33%	3.632%
74	12.769	1814	1816	1819	rVB2	80882	79121	4.62%	0.232%
75	12.845	1823	1829	1832	rBV	1190116	1262673	73.81%	3.706%
76	12.904	1836	1839	1842	rVB3	121948	132607	7.75%	0.389%
77	12.963	1846	1849	1850	rBV2	72443	66382	3.88%	0.195%
78	12.986	1850	1853	1856	rBV	1669806	1334606	78.01%	3.917%
79	13.063	1863	1866	1869	rBV3	108012	141399	8.27%	0.415%
80	13.121	1873	1876	1878	rBV2	62743	64681	3.78%	0.190%
81	13.151	1878	1881	1882	rBV2	98692	100475	5.87%	0.295%
82	13.174	1882	1885	1888	rVB	285319	275528	16.11%	0.809%
83	13.221	1891	1893	1894	rVV	61452	50228	2.94%	0.147%
84	13.239	1894	1896	1899	rVB	198834	155659	9.10%	0.457%
85	13.280	1899	1903	1910	rBV2	215180	263819	15.42%	0.774%
86	13.369	1916	1918	1921	rVB	152557	131174	7.67%	0.385%
87	13.398	1921	1923	1926	rBV	157095	149968	8.77%	0.440%
88	13.851	1998	2000	2001	rBV	69861	56154	3.28%	0.165%
89	14.051	2029	2034	2037	rBV2	1283313	1710754	100.00%	5.021%
90	14.080	2037	2039	2041	rVB	535059	410148	23.97%	1.204%
91	14.451	2100	2102	2106	rVB	171637	168474	9.85%	0.494%
92	14.486	2106	2108	2111	rBV	108468	98104	5.73%	0.288%
93	14.857	2169	2171	2174	rVB	164485	150382	8.79%	0.441%
94	15.127	2213	2217	2220	rBV	436652	689046	40.28%	2.022%
95	15.204	2227	2230	2233	rBV	273686	282857	16.53%	0.830%
96	15.433	2266	2269	2275	rVB	288395	366852	21.44%	1.077%
97	15.492	2276	2279	2286	rVV	366265	476151	27.83%	1.398%
98	15.563	2287	2291	2294	rVV	707676	978198	57.18%	2.871%
99	15.592	2294	2296	2303	rVB2	383635	474427	27.73%	1.393%
100	16.039	2369	2372	2378	rVB2	207845	277201	16.20%	0.814%

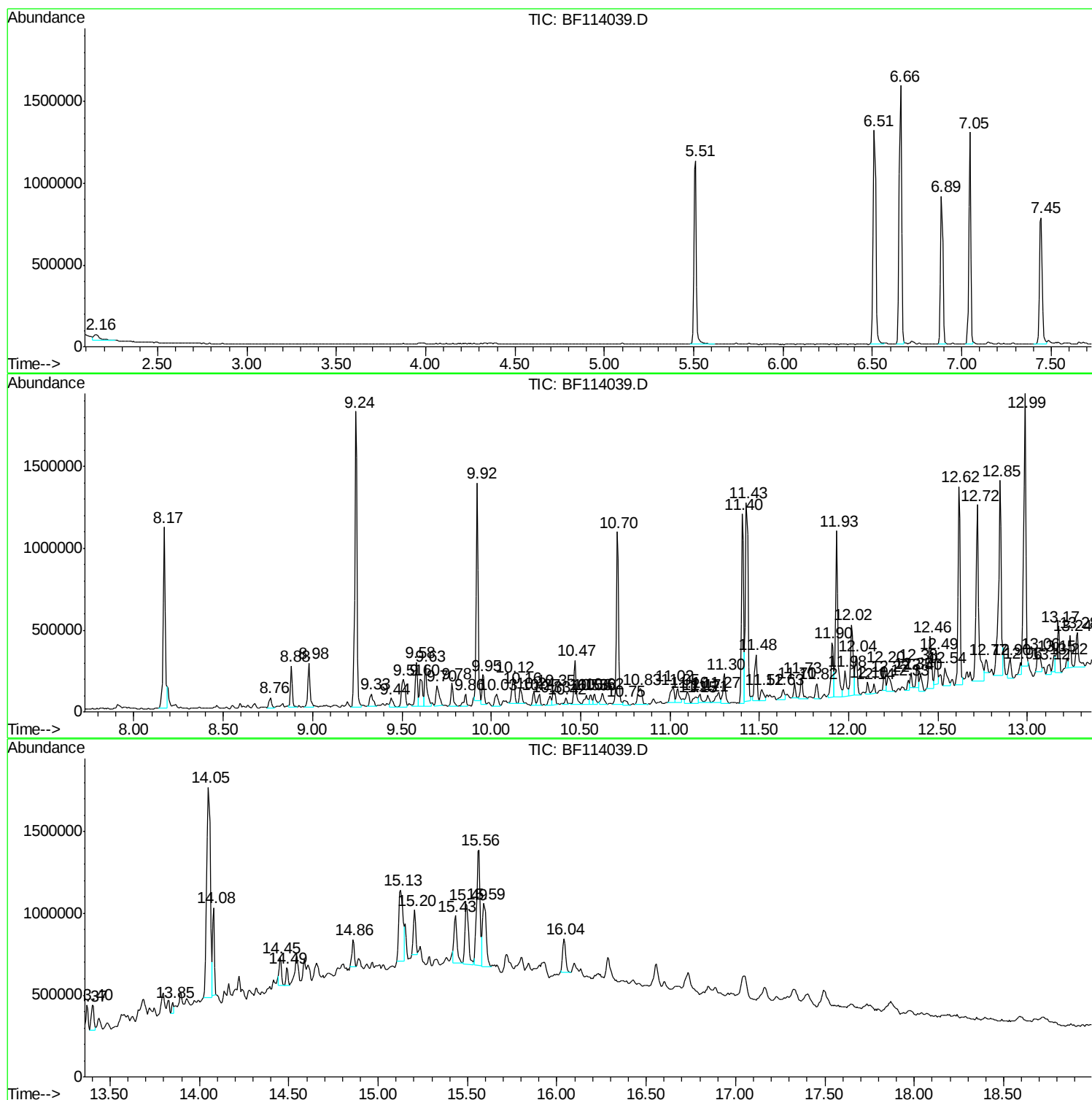
Sum of corrected areas: 34069849

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.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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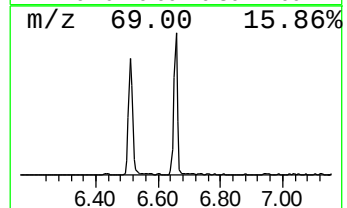
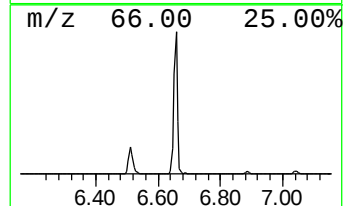
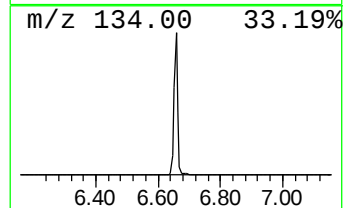
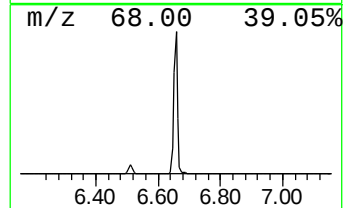
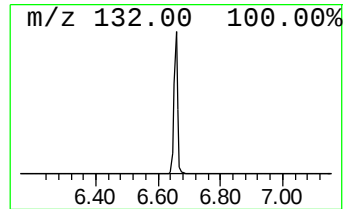
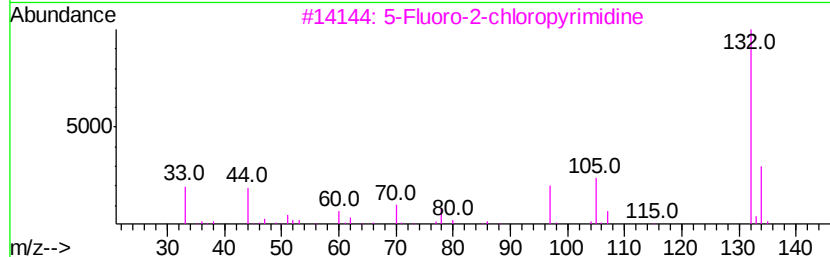
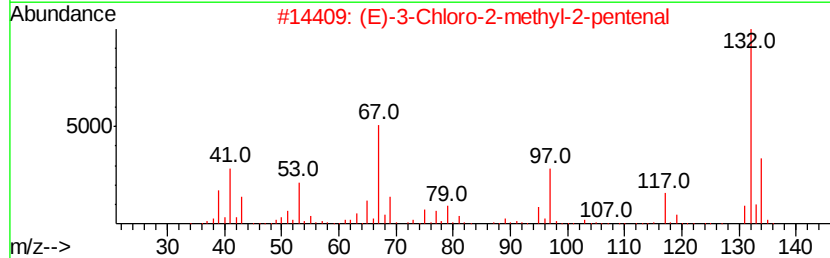
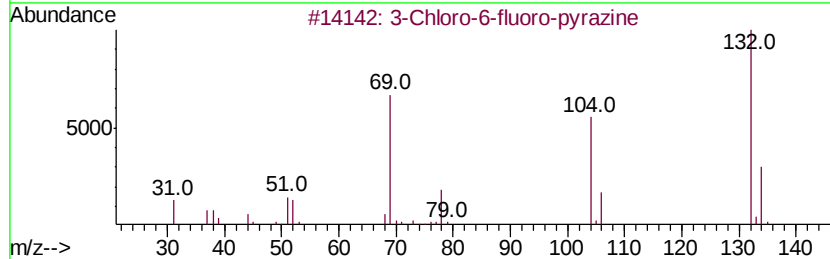
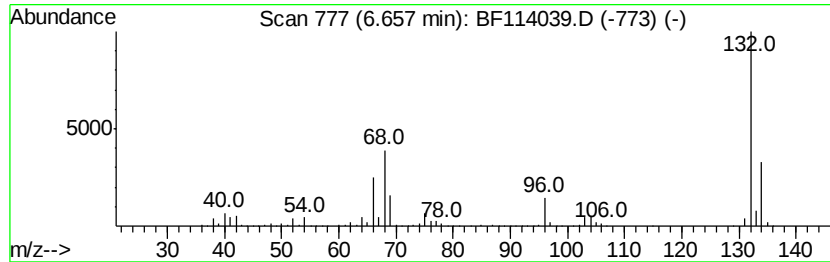
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	35.42 ng	1293480	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16	
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12	
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9	



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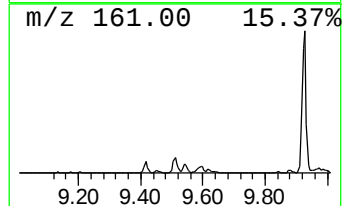
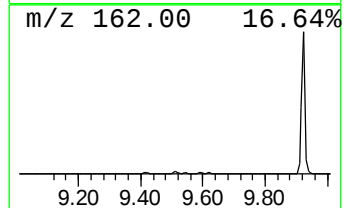
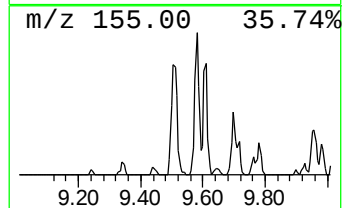
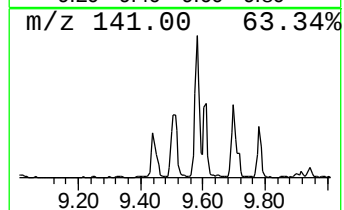
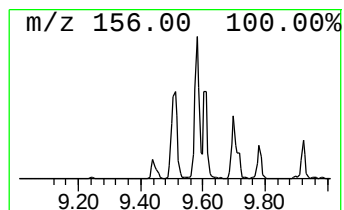
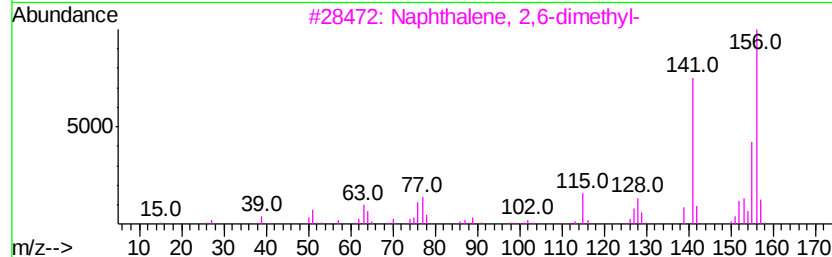
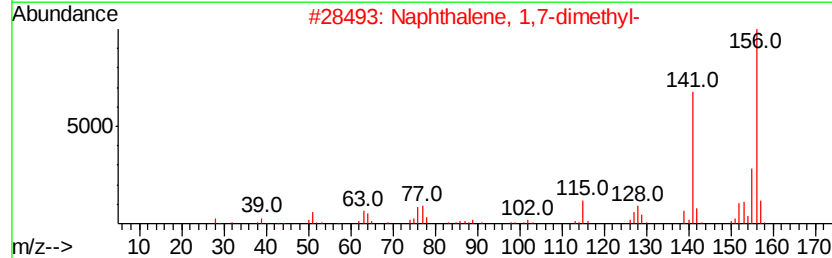
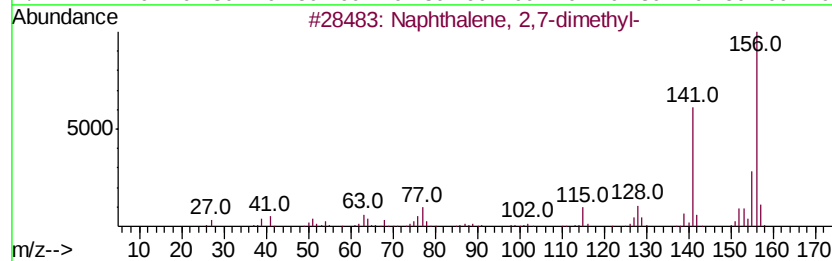
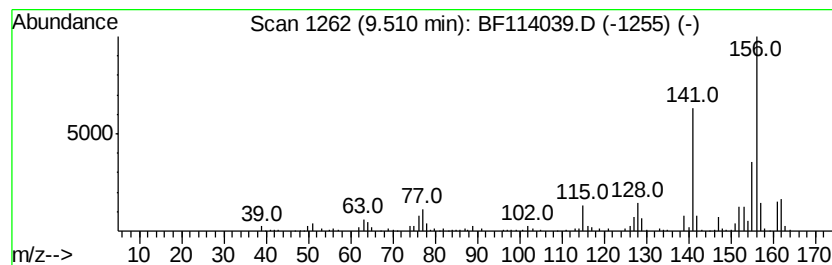
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.29 ng	225733	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



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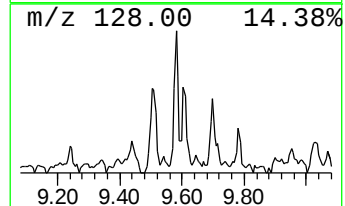
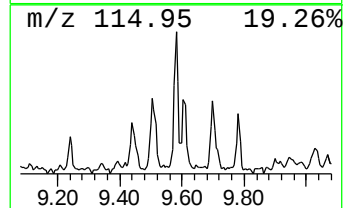
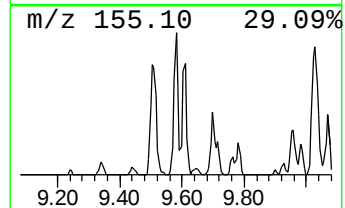
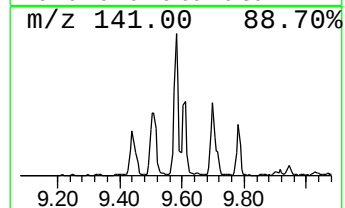
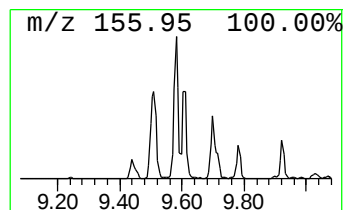
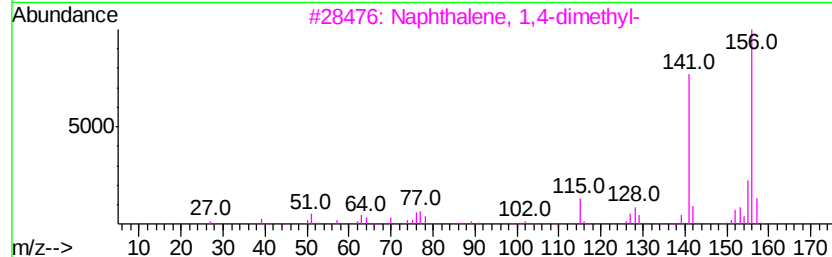
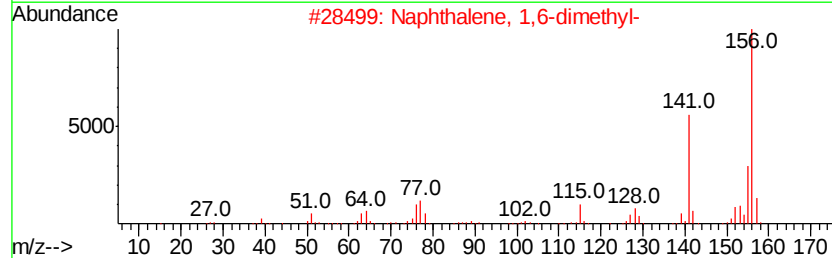
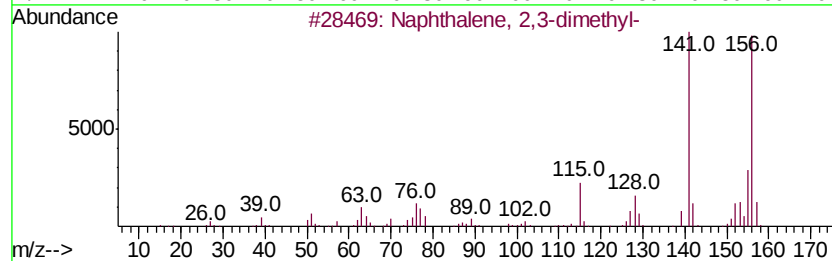
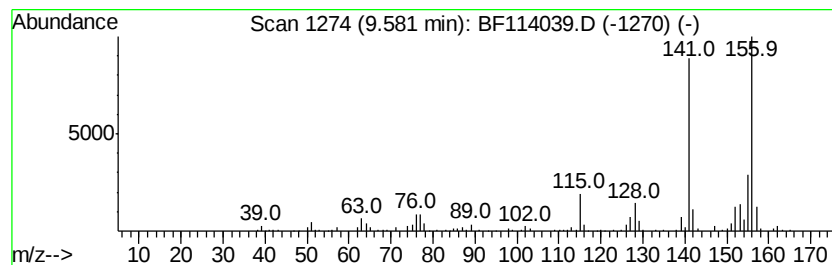
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.58	4.91 ng	258504	Acenaphthene-d10		9.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
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Operator : JU/SJ
Sample : K2199-17 2X
Misc :
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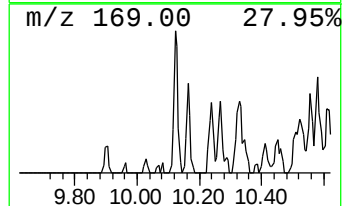
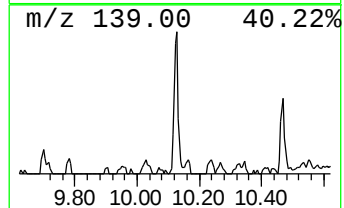
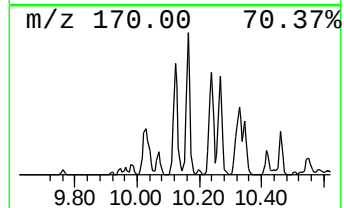
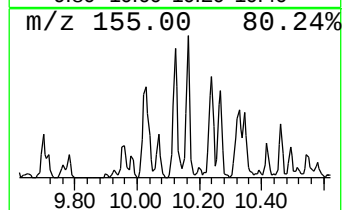
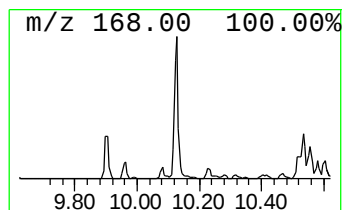
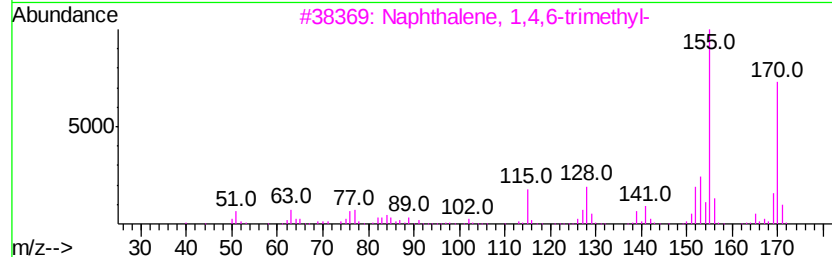
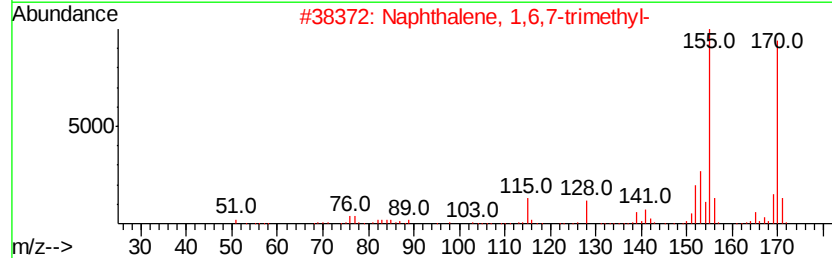
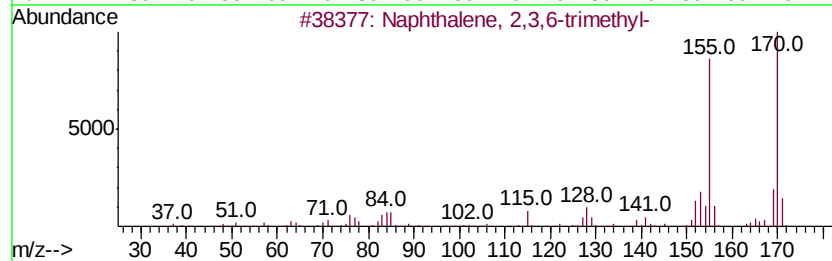
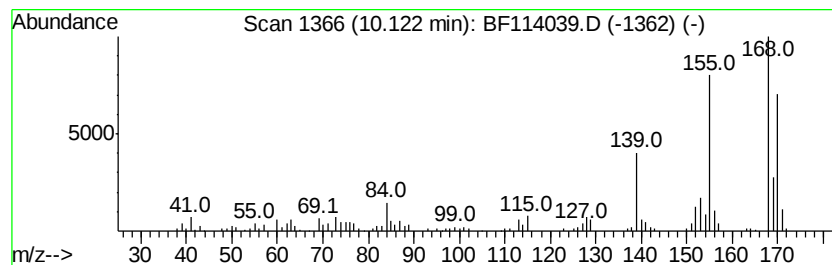
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	3.08 ng	162238	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 91
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 70
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 50
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170 C13H14	1000294-91-1 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
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Sample : K2199-17 2X
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ALS Vial : 4 Sample Multiplier: 1

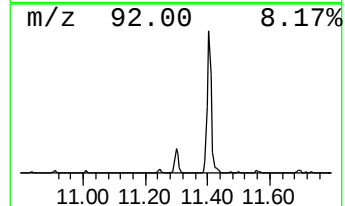
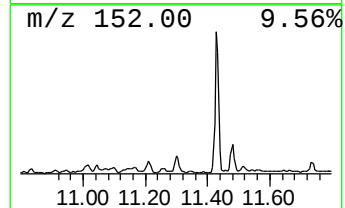
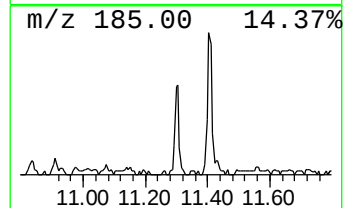
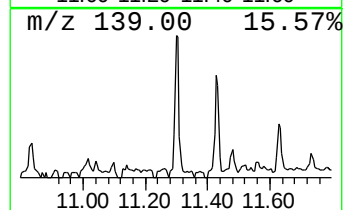
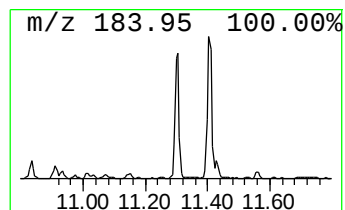
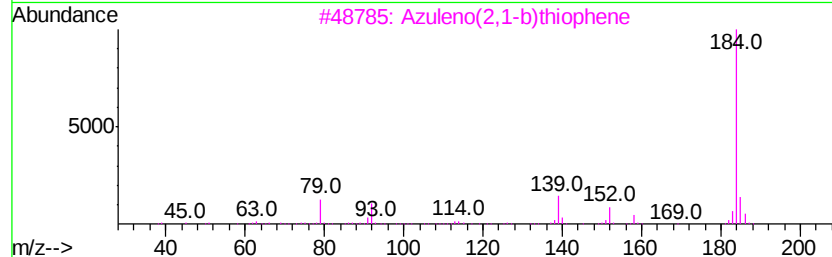
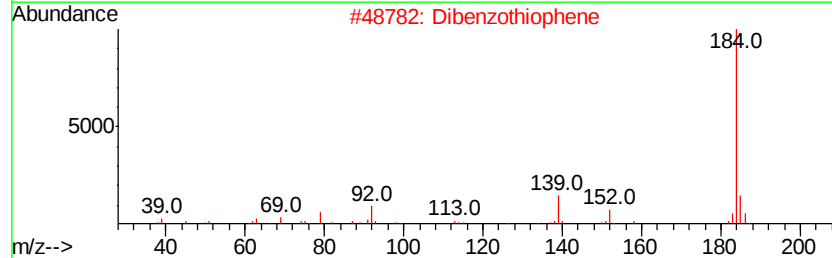
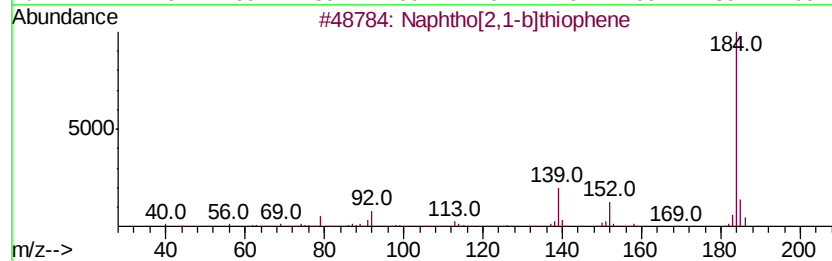
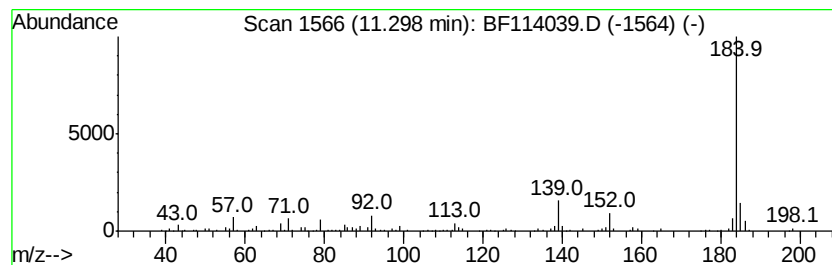
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	3.43 ng	182257	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
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Sample : K2199-17 2X
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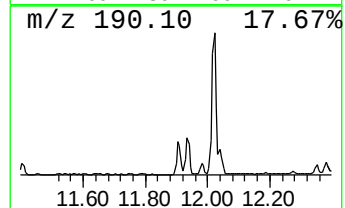
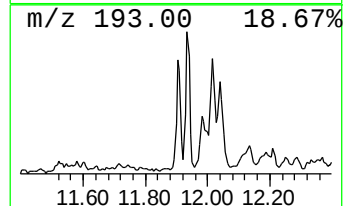
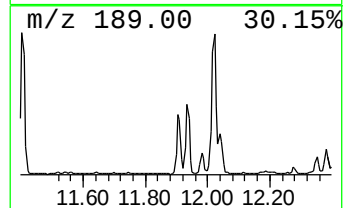
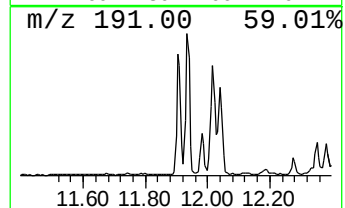
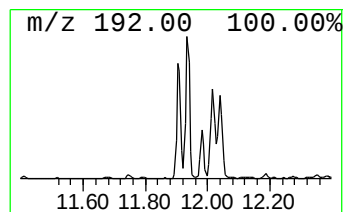
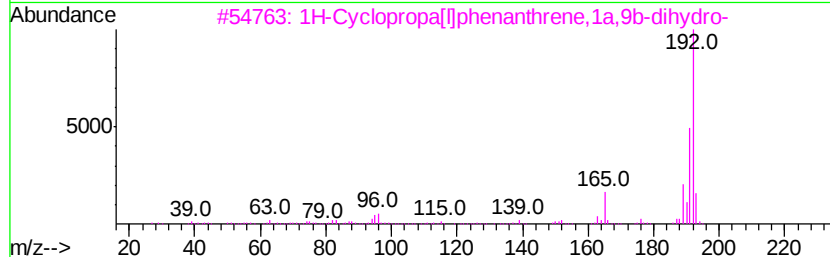
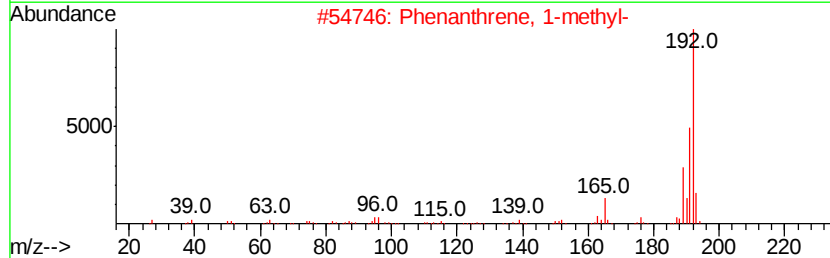
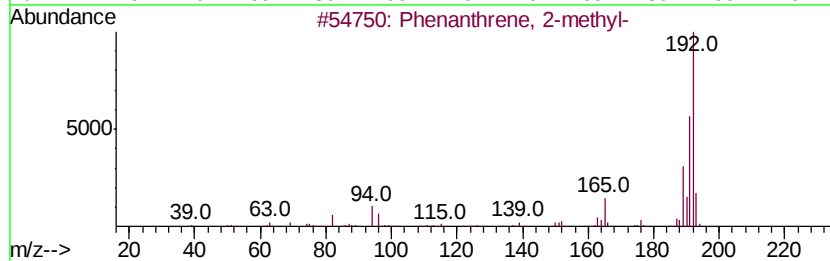
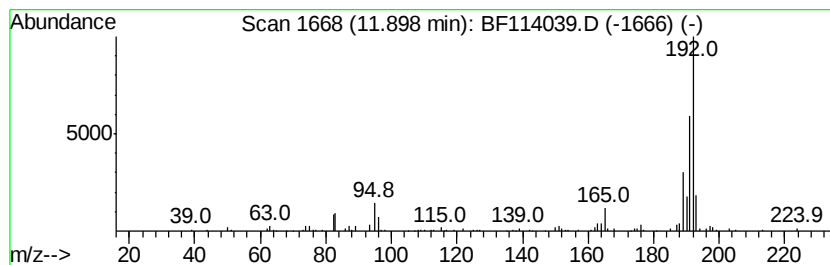
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	6.37 ng	338072	Phenanthrene-d10	11.40	
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	94
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
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Instrument :
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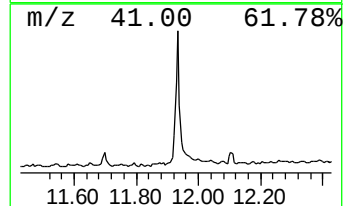
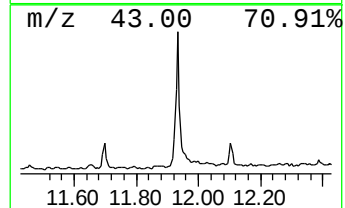
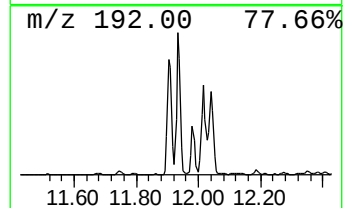
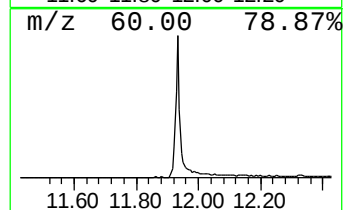
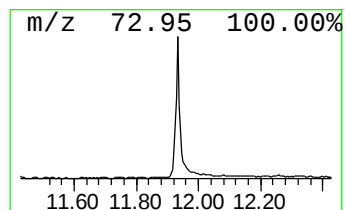
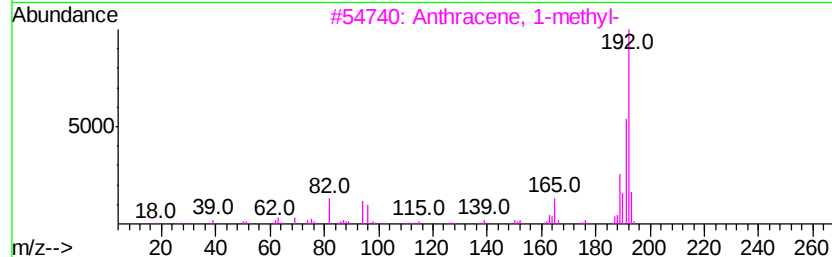
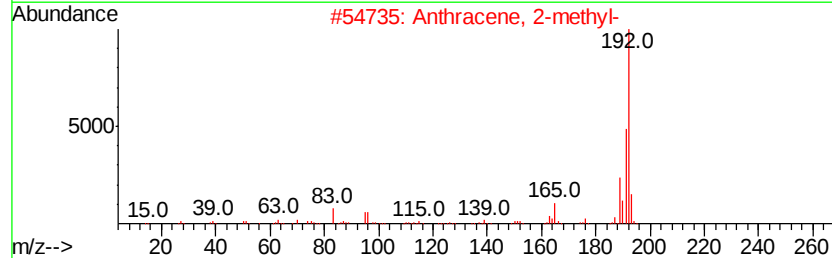
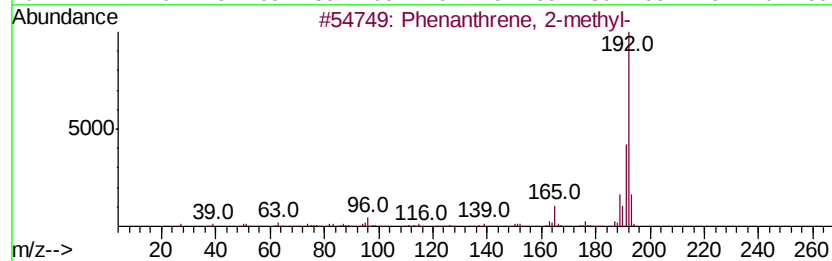
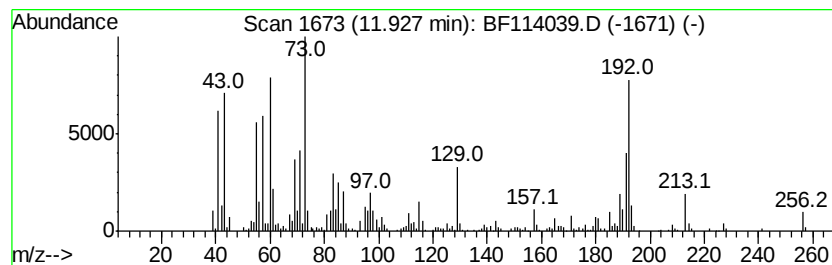
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	18.02 ng	957293	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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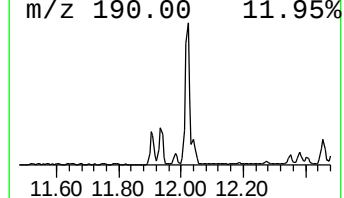
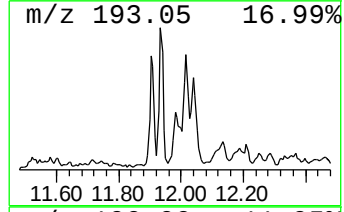
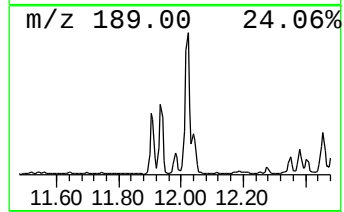
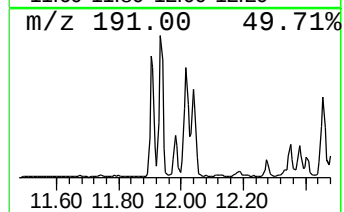
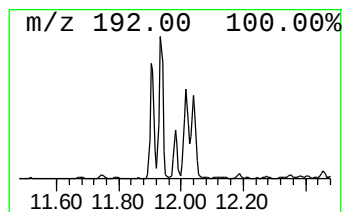
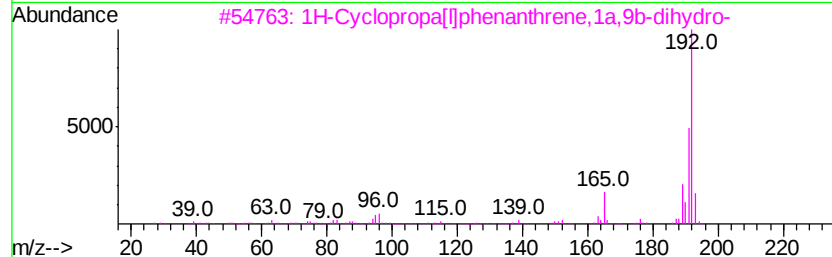
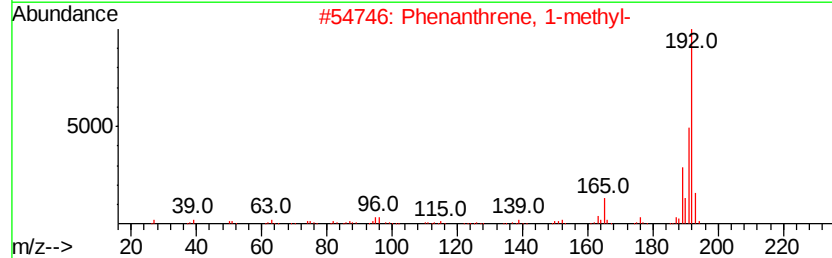
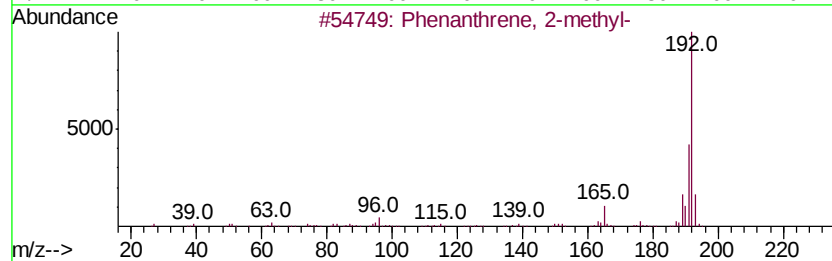
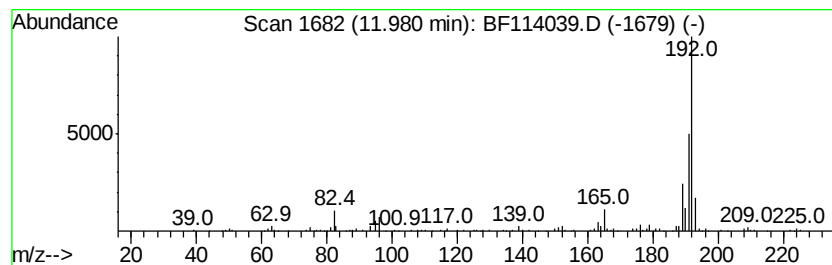
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	3.23 ng	171449	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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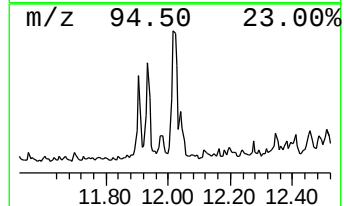
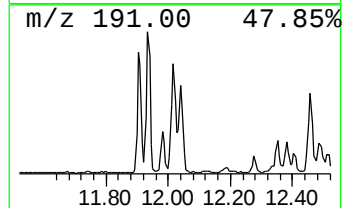
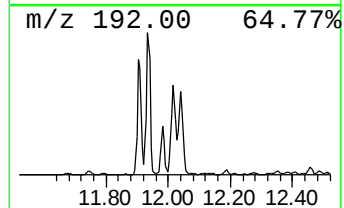
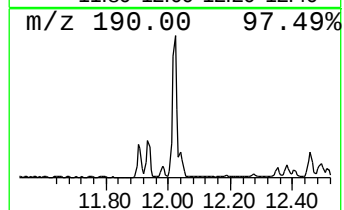
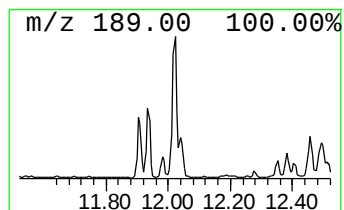
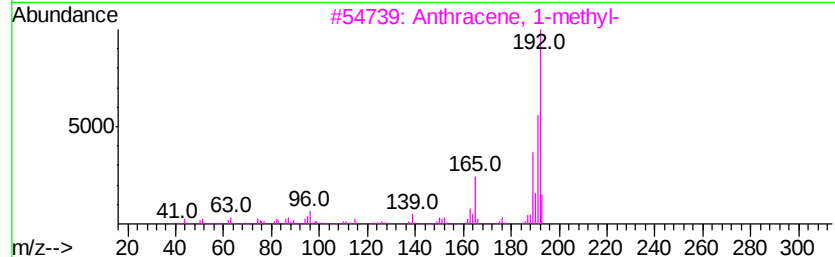
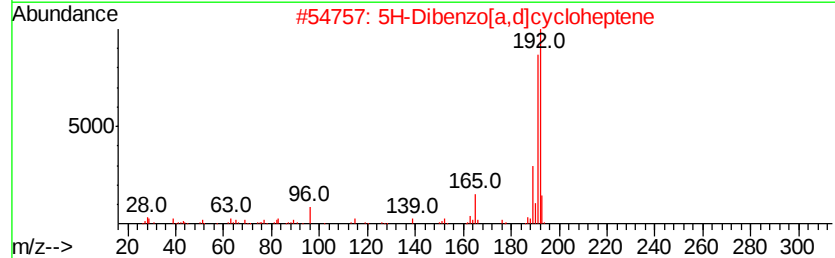
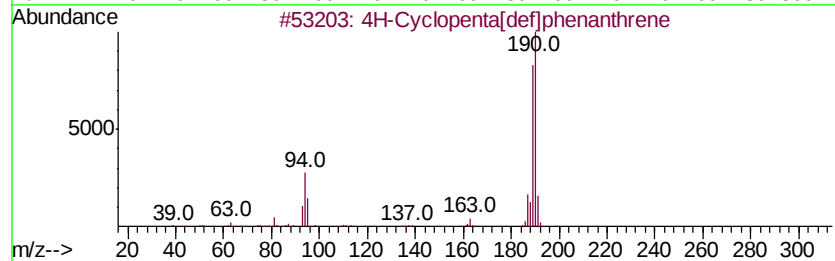
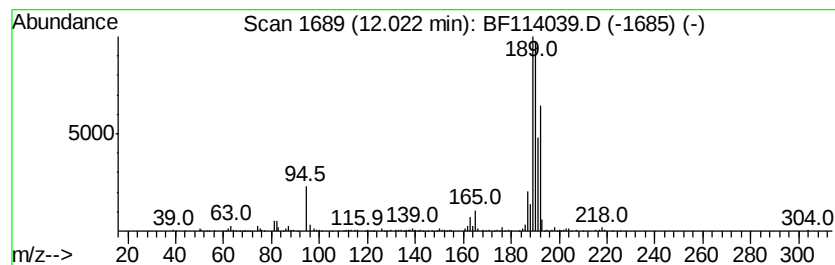
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.62 ng	511202	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
OR-02-042919-A

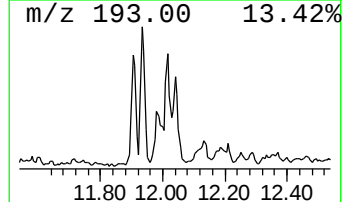
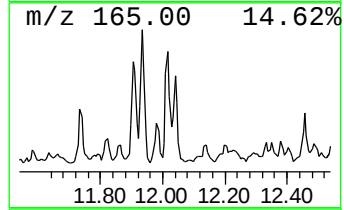
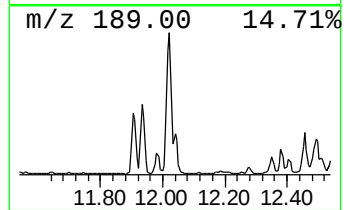
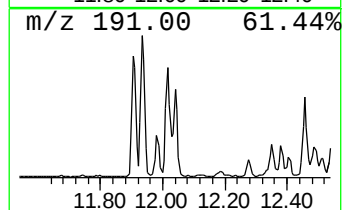
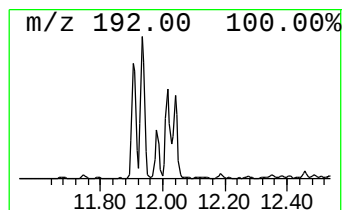
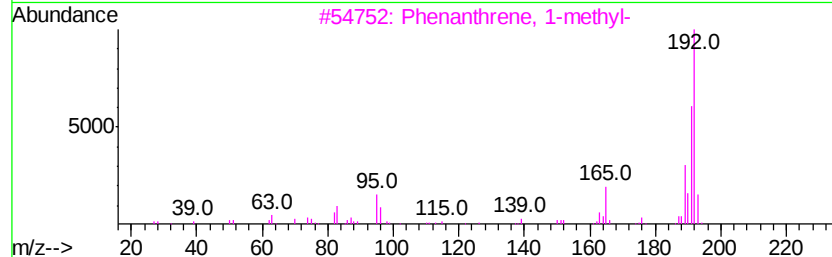
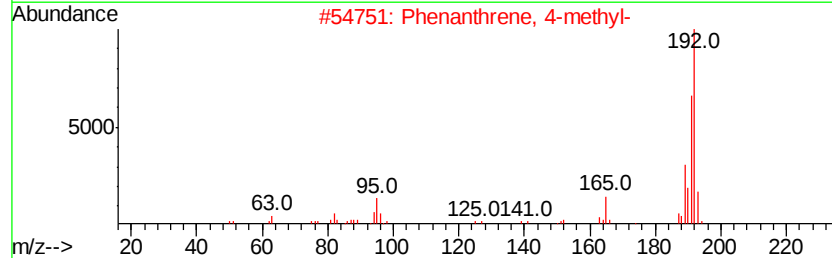
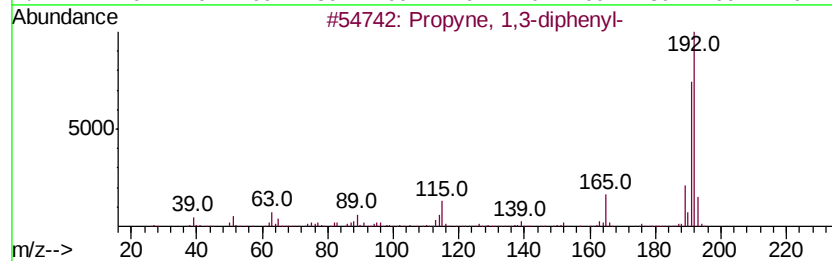
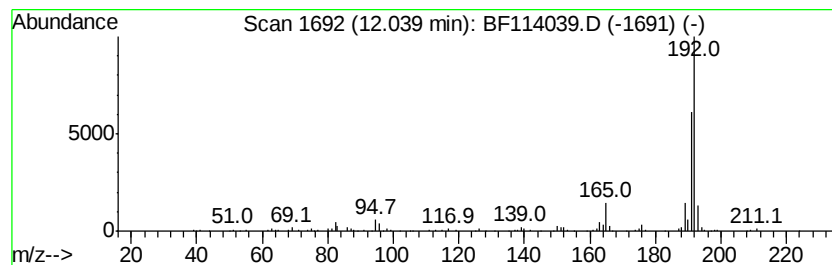
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Propyne, 1,3-diphenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.33 ng	176605	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	94
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

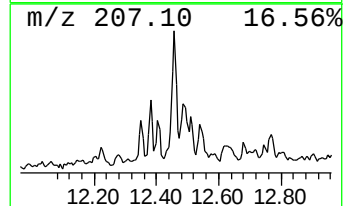
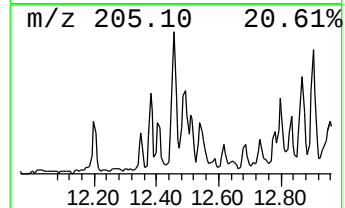
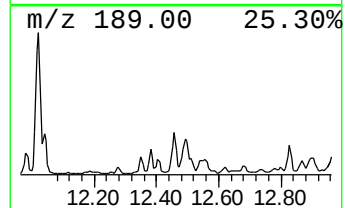
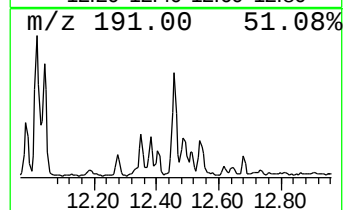
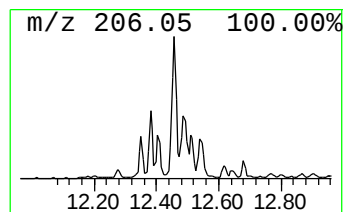
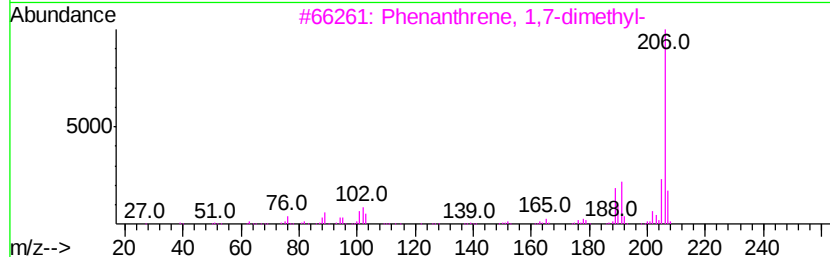
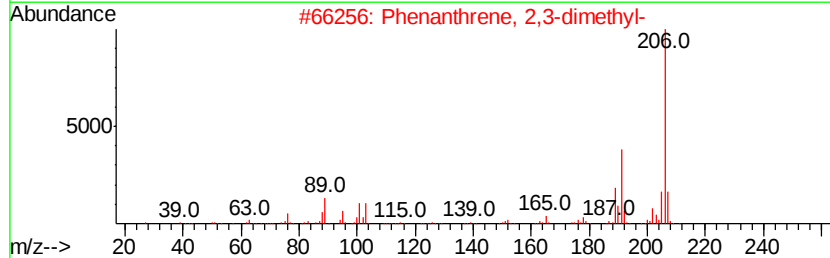
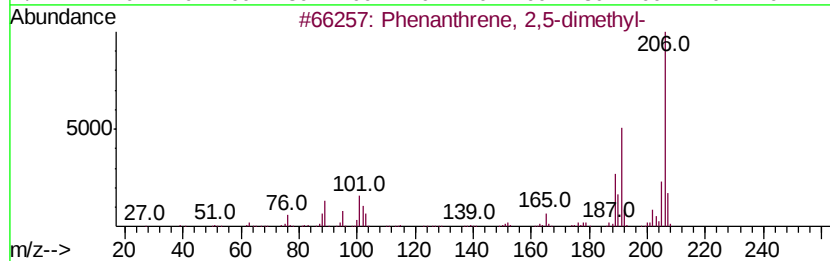
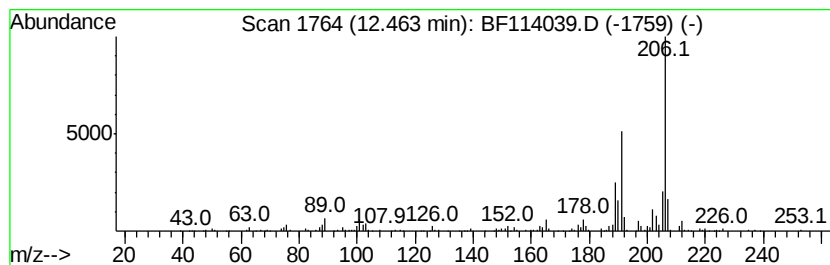
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	5.90 ng	313402	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
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Misc :
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Instrument :
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ClientSampleId :
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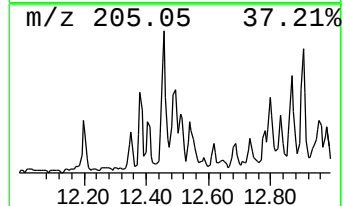
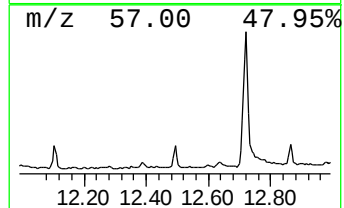
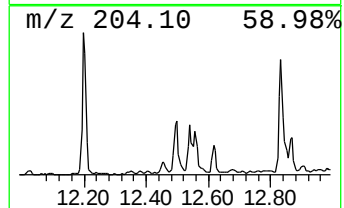
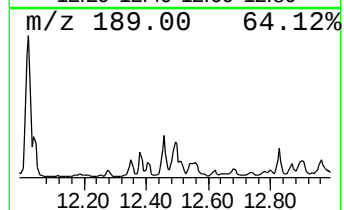
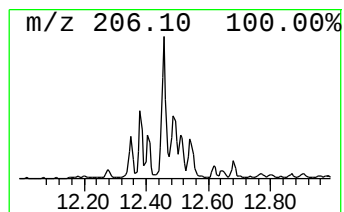
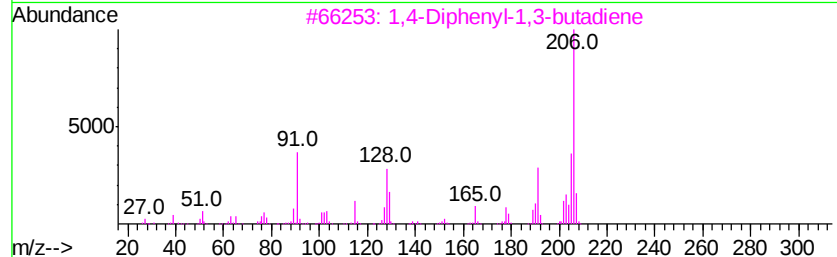
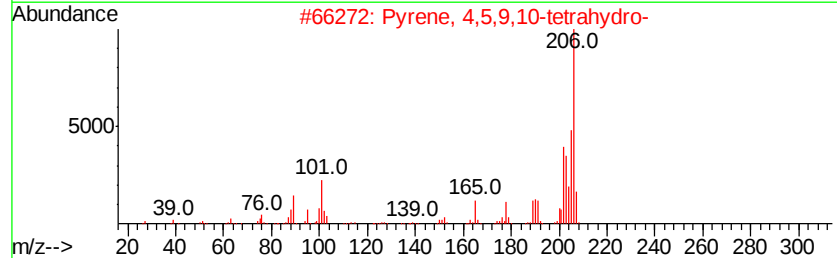
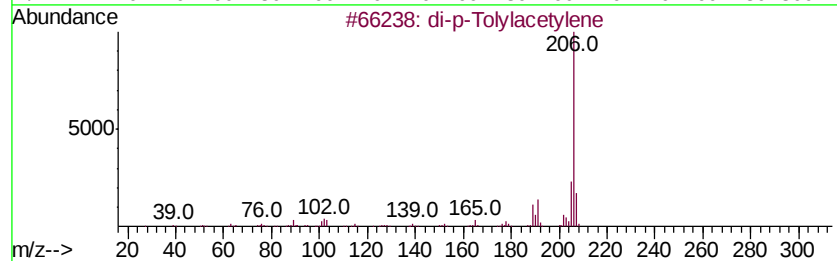
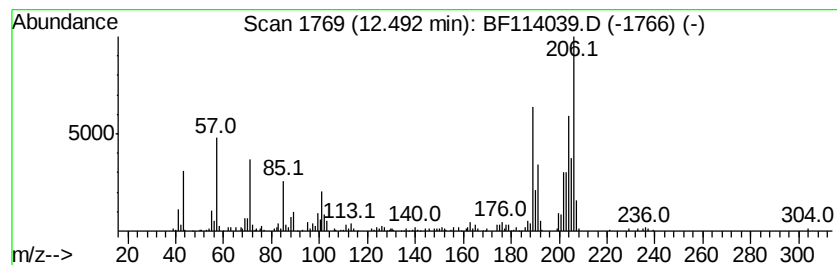
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.49 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.84 ng	203748	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	46
2			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	41
4			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	41
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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 Acq On : 30 Apr 2019 13:59
 Operator : JU/SJ
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 ALS Vial : 4 Sample Multiplier: 1

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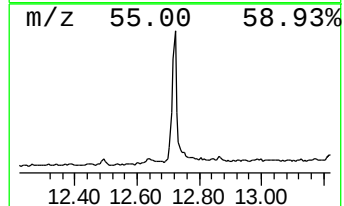
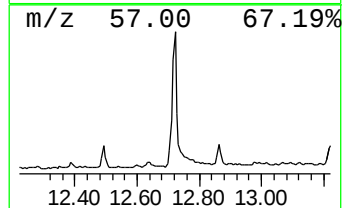
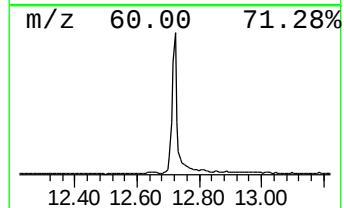
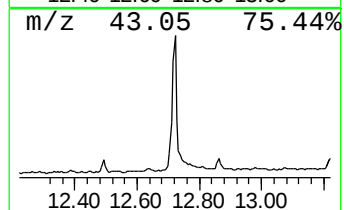
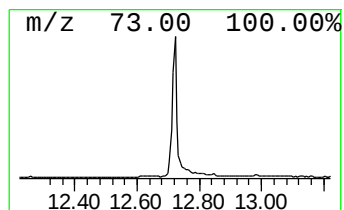
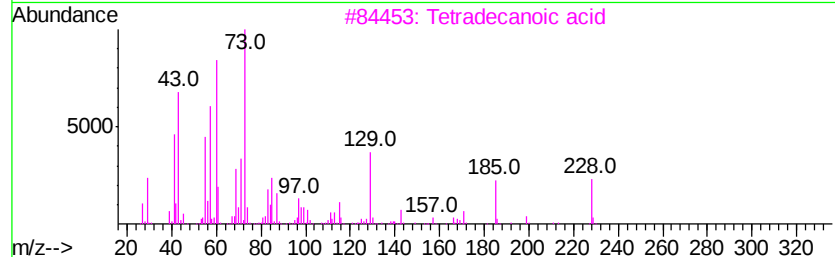
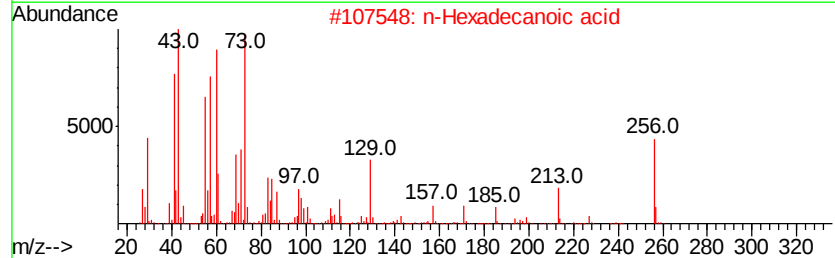
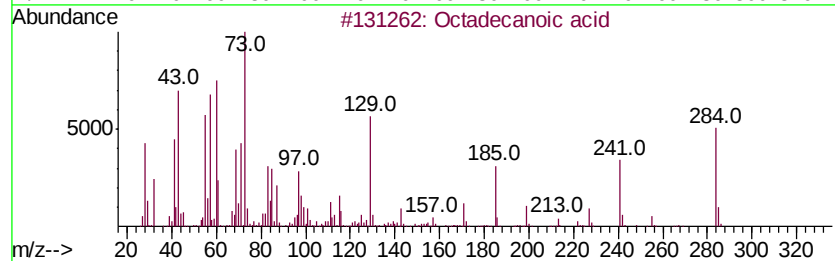
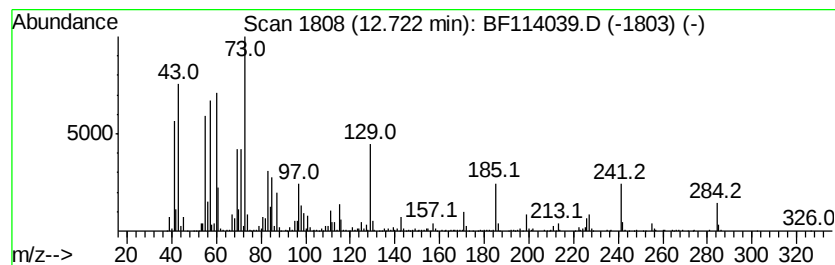
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	23.30 ng	1237440	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
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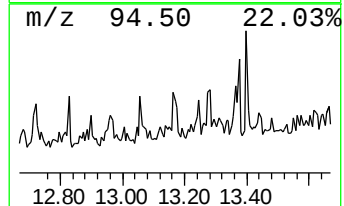
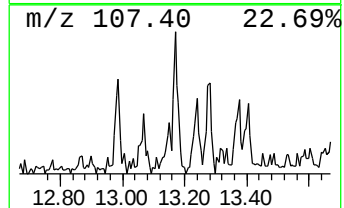
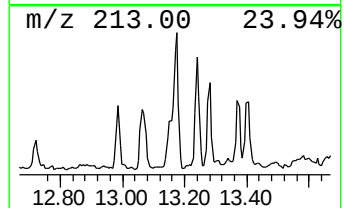
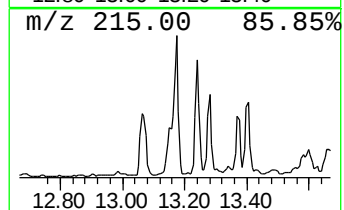
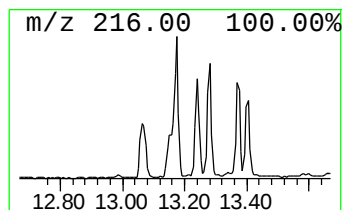
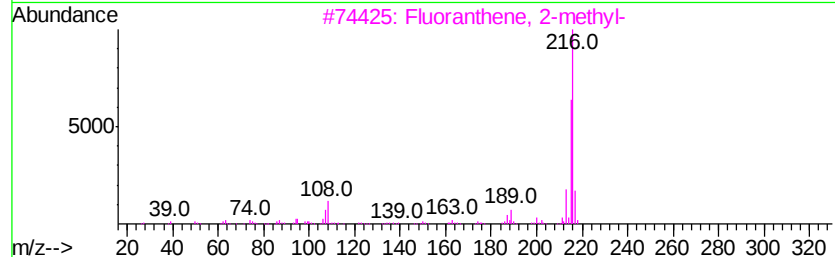
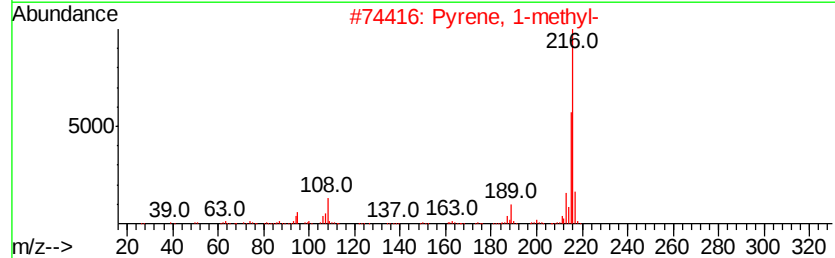
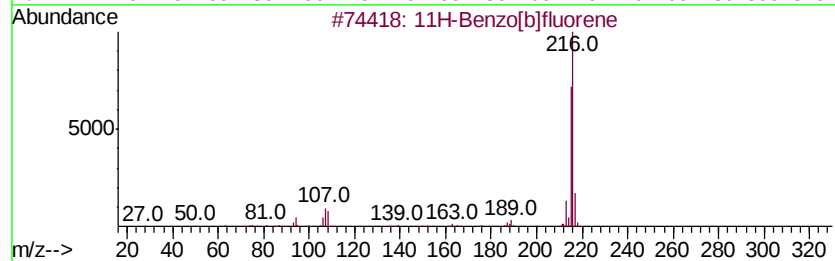
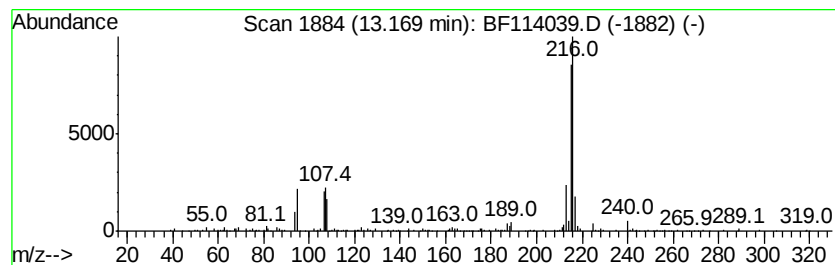
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.22 ng	275528	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
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Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

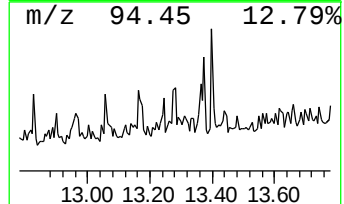
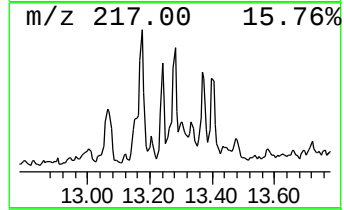
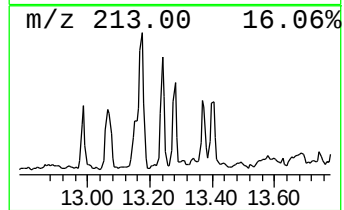
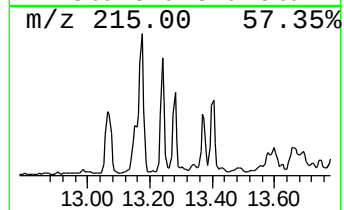
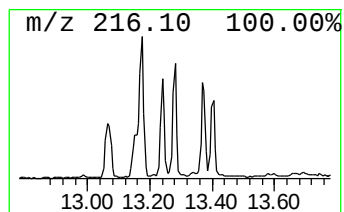
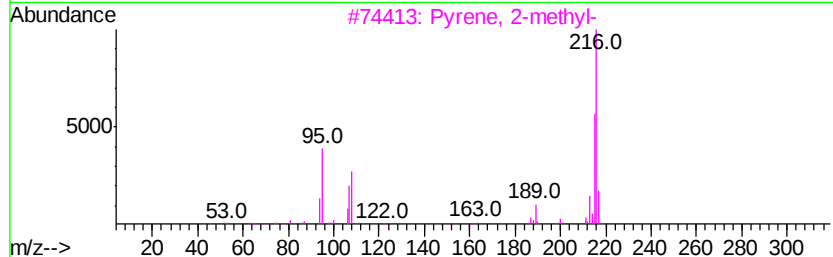
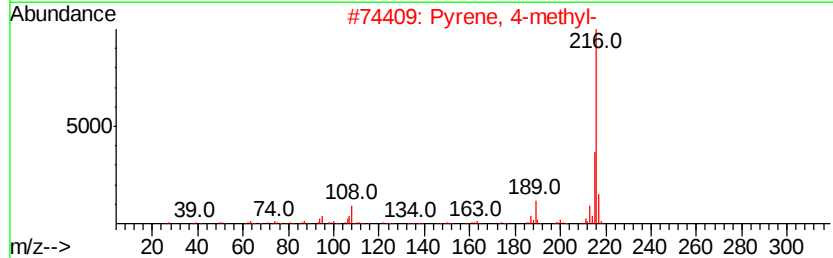
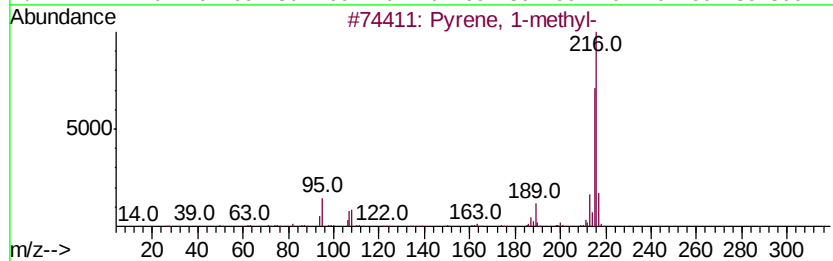
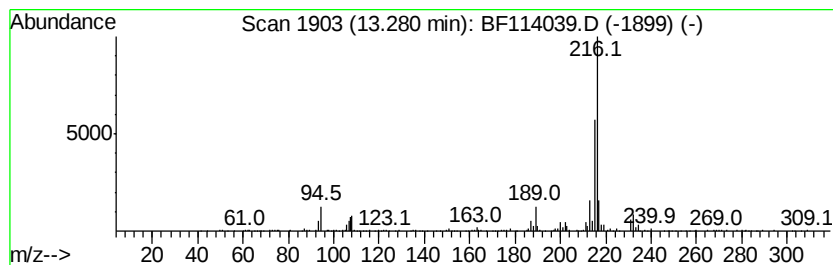
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.08 ng	263819	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 97
2		Pyrene, 4-methyl-	216 C17H12	003353-12-6 94
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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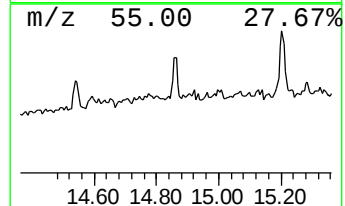
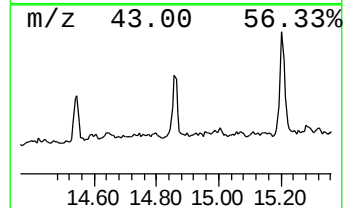
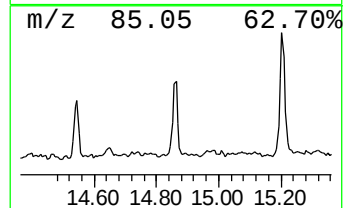
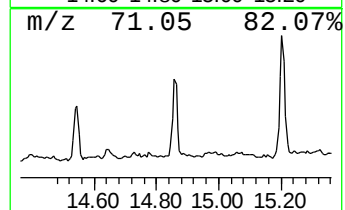
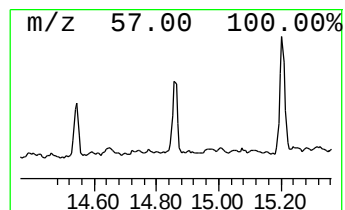
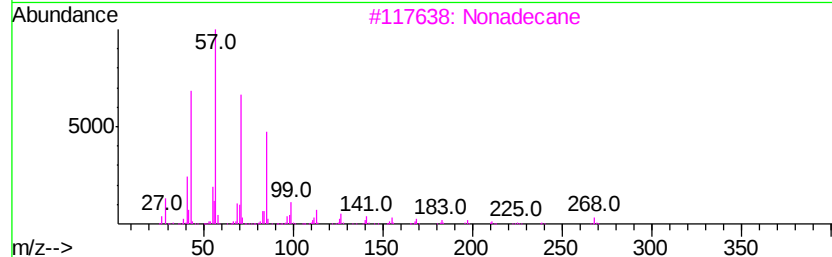
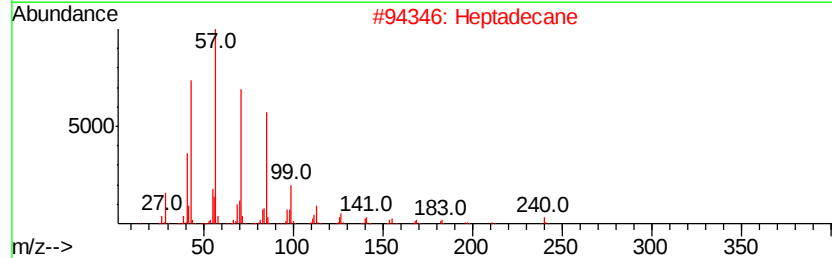
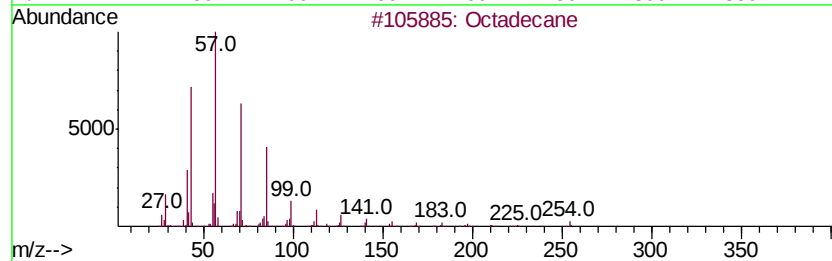
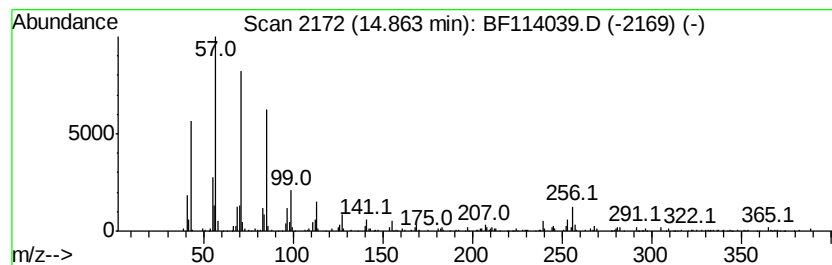
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.07 ng	150382	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane	240	C17H36	000629-78-7	94
3		Nonadecane	268	C19H40	000629-92-5	81
4		Hexadecane	226	C16H34	000544-76-3	76
5		Docosane	310	C22H46	000629-97-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
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Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

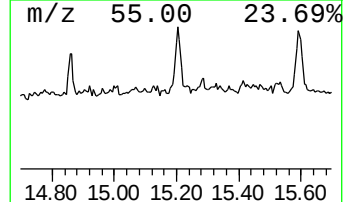
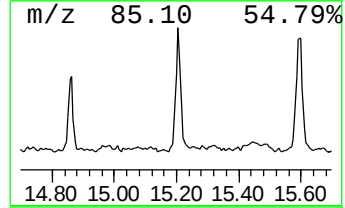
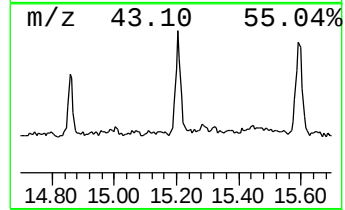
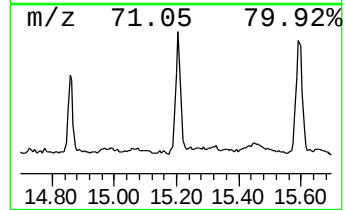
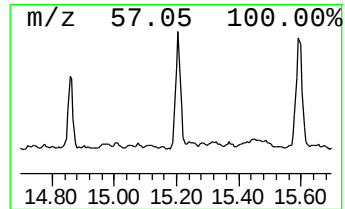
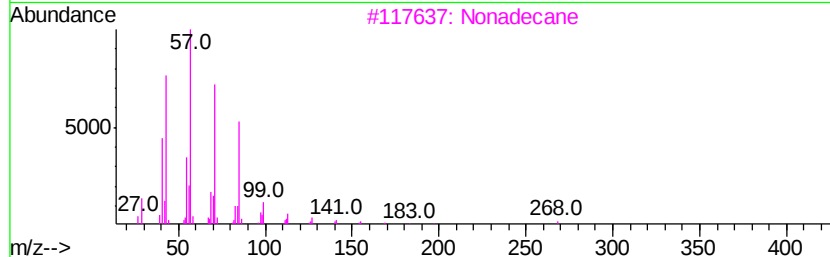
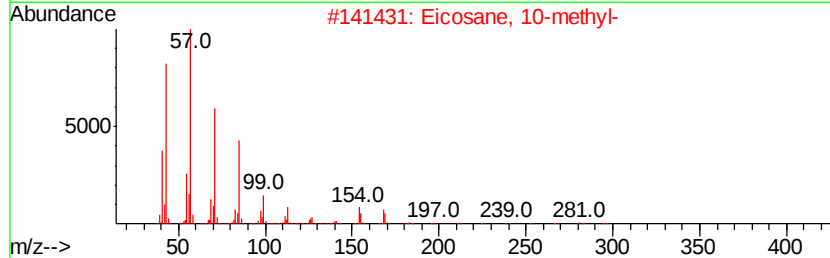
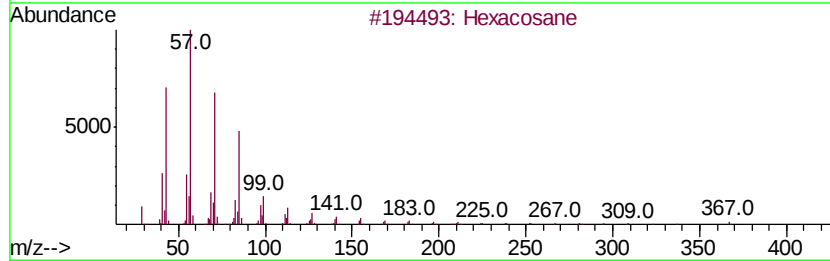
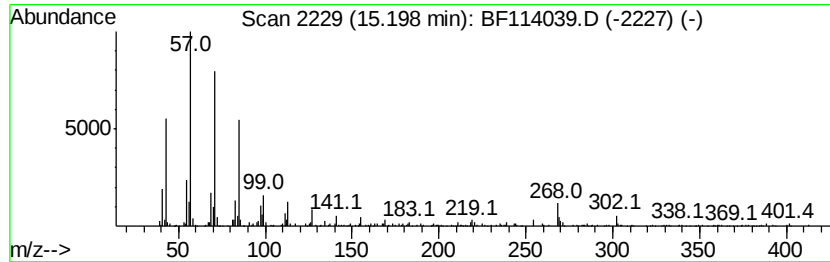
Instrument :
BNA_F
ClientSampleId :
OR-02-042919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	5.78 ng	282857	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	93
2	Eicosane, 10-methyl-	296 C21H44	054833-23-7	93
3	Nonadecane	268 C19H40	000629-92-5	91
4	Heneicosane	296 C21H44	000629-94-7	90
5	Octacosane	394 C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-042919-A

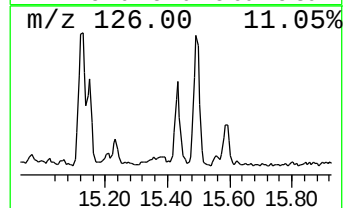
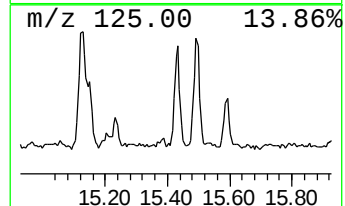
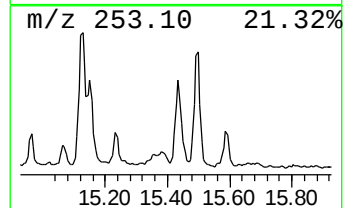
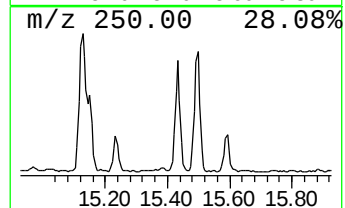
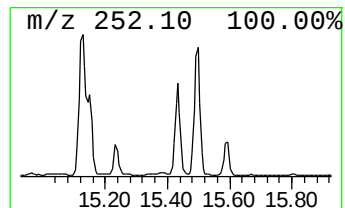
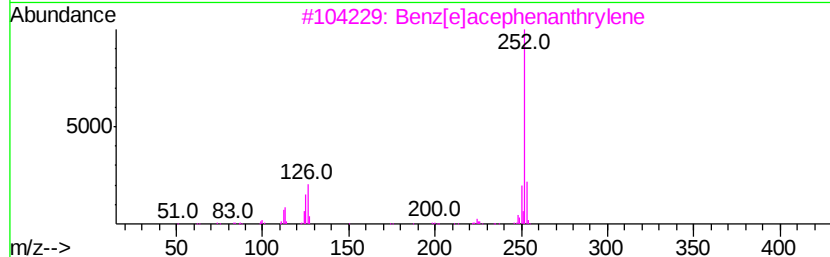
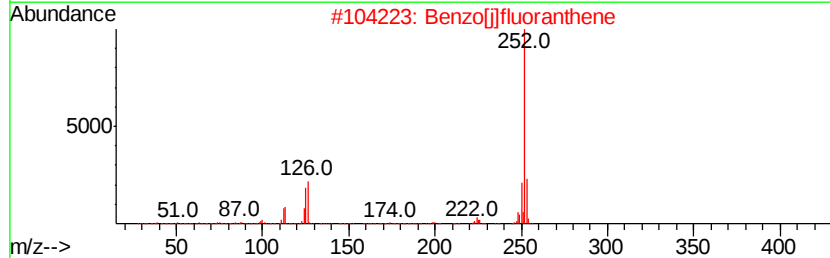
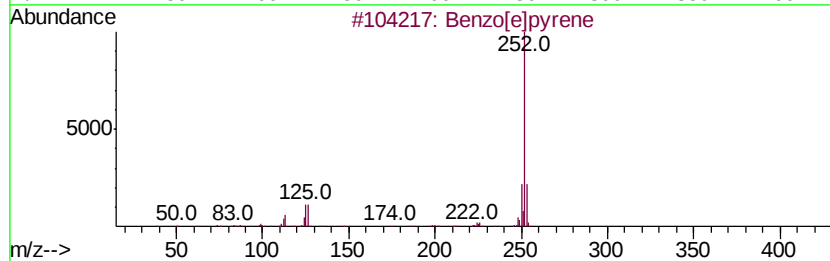
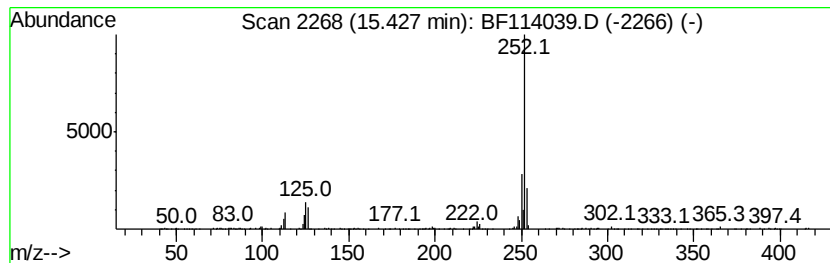
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.50 ng	366852	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
3		Benz[el]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114039.D
Acq On : 30 Apr 2019 13:59
Operator : JU/SJ
Sample : K2199-17 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-042919-A

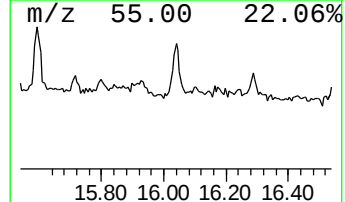
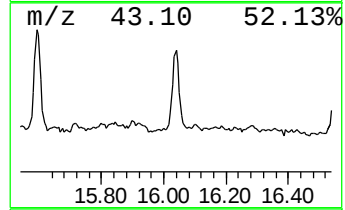
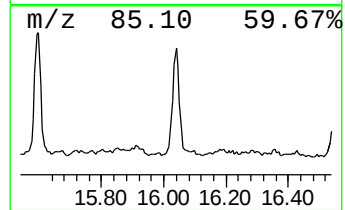
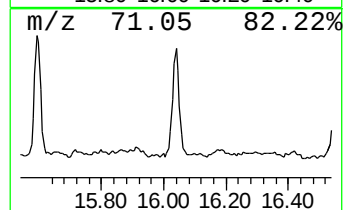
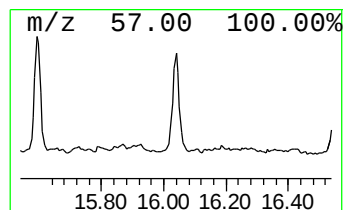
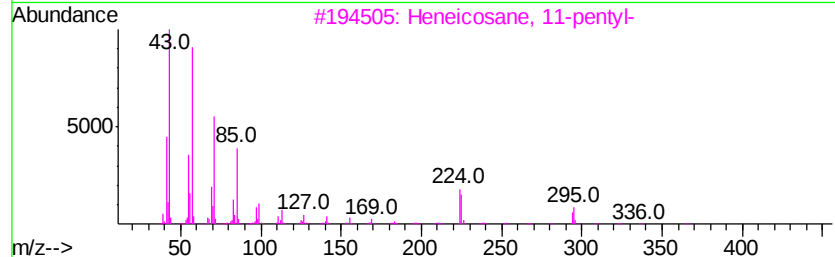
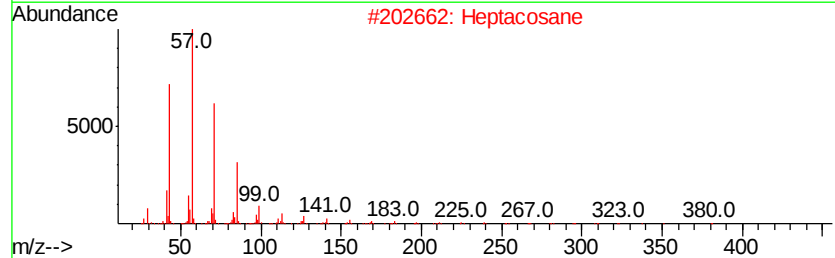
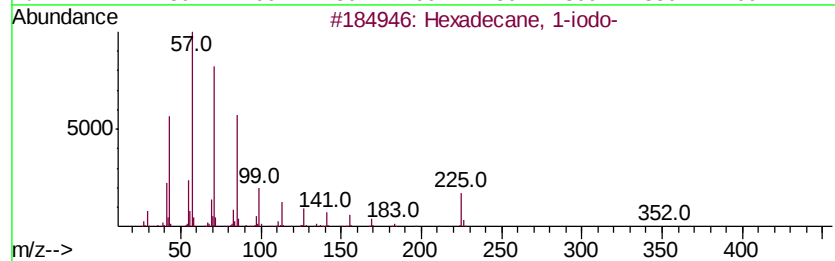
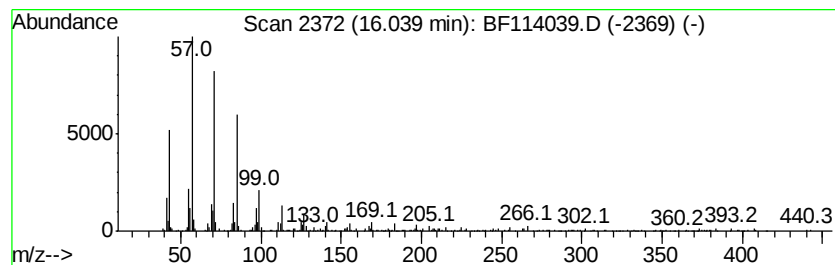
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.67 ng	277201	Perylene-d12	15.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2			Heptacosane	380	C27H56	000593-49-7	93
3			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4			Heneicosane	296	C21H44	000629-94-7	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043019\
 Data File : BF114039.D
 Acq On : 30 Apr 2019 13:59
 Operator : JU/SJ
 Sample : K2199-17 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	35.4	ng	1293480	1	6.89	730279	20.0
Naphthalene, 2,7-...	9.51	4.3	ng	225733	3	9.92	1052170	20.0
Naphthalene, 2,3-...	9.58	4.9	ng	258504	3	9.92	1052170	20.0
Naphthalene, 2,3,...	10.12	3.1	ng	162238	3	9.92	1052170	20.0
Naphtho[2,1-b]thi...	11.30	3.4	ng	182257	4	11.40	1062240	20.0
Phenanthrene, 2-m...	11.90	6.4	ng	338072	4	11.40	1062240	20.0
Anthracene, 2-met...	11.93	18.0	ng	957293	4	11.40	1062240	20.0
Phenanthrene, 1-m...	11.98	3.2	ng	171449	4	11.40	1062240	20.0
4H-Cyclopenta[def...	12.02	9.6	ng	511202	4	11.40	1062240	20.0
Propyne, 1,3-diph...	12.04	3.3	ng	176605	4	11.40	1062240	20.0
Phenanthrene, 2,5...	12.46	5.9	ng	313402	4	11.40	1062240	20.0
unknown12.49	12.49	3.8	ng	203748	4	11.40	1062240	20.0
Octadecanoic acid	12.72	23.3	ng	1237440	4	11.40	1062240	20.0
11H-Benzo[b]fluorene	13.17	3.2	ng	275528	5	14.05	1710750	20.0
Pyrene, 4-methyl-	13.28	3.1	ng	263819	5	14.05	1710750	20.0
Octadecane	14.86	3.1	ng	150382	6	15.56	978198	20.0
Hexacosane	15.20	5.8	ng	282857	6	15.56	978198	20.0
Benzo[e]pyrene	15.43	7.5	ng	366852	6	15.56	978198	20.0
Hexadecane, 1-iodo-	16.04	5.7	ng	277201	6	15.56	978198	20.0