

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112974.D
 Acq On : 12 Mar 2019 00:11
 Operator : JU/SJ
 Sample : K1692-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-030819

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-BF022719.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	5.328	548	551	565	rBV	368193	382476	17.92%	1.287%
2	6.363	723	727	742	rBV	413934	459329	21.52%	1.545%
3	6.498	746	750	757	rBV	472049	457905	21.45%	1.540%
4	6.728	786	789	800	rBV	1096638	982528	46.02%	3.305%
5	6.886	812	816	825	rVB	418473	370253	17.34%	1.245%
6	7.286	875	884	892	rBV	243851	277813	13.01%	0.935%
7	8.016	1004	1008	1015	rBV	1295291	1369492	64.15%	4.607%
8	8.451	1078	1082	1086	rBV3	30790	38680	1.81%	0.130%
9	8.728	1124	1129	1133	rBV2	42299	45513	2.13%	0.153%
10	8.822	1142	1145	1153	rVB	77572	87696	4.11%	0.295%
11	9.045	1180	1183	1186	rVB	40095	33585	1.57%	0.113%
12	9.086	1186	1190	1202	rBV	698498	683381	32.01%	2.299%
13	9.180	1202	1206	1210	rBV5	34210	49536	2.32%	0.167%
14	9.351	1230	1235	1239	rBV	70012	107367	5.03%	0.361%
15	9.428	1244	1248	1250	rBV	130906	135248	6.34%	0.455%
16	9.451	1250	1252	1255	rVB	90966	67739	3.17%	0.228%
17	9.480	1255	1257	1259	rBV2	59492	61362	2.87%	0.206%
18	9.539	1264	1267	1272	rVB	83640	95260	4.46%	0.320%
19	9.622	1278	1281	1288	rBV	169945	162848	7.63%	0.548%
20	9.763	1299	1305	1308	rBV	2037460	1799267	84.28%	6.052%
21	9.792	1308	1310	1314	rVB	254570	210809	9.87%	0.709%
22	9.875	1320	1324	1328	rBV2	44581	60945	2.85%	0.205%
23	9.916	1328	1331	1334	rVV3	25190	36892	1.73%	0.124%
24	9.969	1335	1340	1344	rVV	173173	197050	9.23%	0.663%
25	10.004	1344	1346	1349	rVV	83415	77548	3.63%	0.261%
26	10.080	1355	1359	1362	rBV2	101778	116581	5.46%	0.392%
27	10.110	1362	1364	1366	rVV	55507	42636	2.00%	0.143%
28	10.169	1370	1374	1376	rVV3	53234	78416	3.67%	0.264%
29	10.210	1379	1381	1385	rVV2	39387	45960	2.15%	0.155%
30	10.257	1385	1389	1391	rVV3	48912	62782	2.94%	0.211%
31	10.304	1395	1397	1404	rVV	270754	320213	15.00%	1.077%
32	10.374	1404	1409	1411	rVV	77809	108241	5.07%	0.364%
33	10.422	1414	1417	1421	rVV3	93043	128073	6.00%	0.431%
34	10.463	1421	1424	1430	rVV3	75469	108873	5.10%	0.366%

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35	10.545	1434	1438	1443	rVV	526983	547191	25.63%	1.841%
36	10.586	1443	1445	1451	rVB4	34002	53482	2.51%	0.180%
37	10.674	1457	1460	1461	rBV	93748	82963	3.89%	0.279%
38	10.751	1470	1473	1475	rBV2	49387	46748	2.19%	0.157%
39	10.851	1486	1490	1493	rBV3	98905	123489	5.78%	0.415%
40	10.880	1493	1495	1498	rVB2	93677	69499	3.26%	0.234%
41	10.933	1502	1504	1507	rVB2	73477	69042	3.23%	0.232%
42	10.986	1507	1513	1514	rBV3	56462	77493	3.63%	0.261%
43	11.004	1514	1516	1521	rVB4	52842	47306	2.22%	0.159%
44	11.045	1521	1523	1528	rVB3	47876	52088	2.44%	0.175%
45	11.092	1529	1531	1534	rBV2	36705	35550	1.67%	0.120%
46	11.139	1534	1539	1540	rBV	118543	138862	6.50%	0.467%
47	11.239	1552	1556	1558	rBV	1970143	1793264	84.00%	6.032%
48	11.263	1558	1560	1564	rVV	1388288	1141289	53.46%	3.839%
49	11.316	1566	1569	1572	rVB	318814	276306	12.94%	0.929%
50	11.351	1572	1575	1578	rBV2	88188	96260	4.51%	0.324%
51	11.469	1590	1595	1598	rBV2	100564	129063	6.05%	0.434%
52	11.498	1598	1600	1603	rVV4	39867	42354	1.98%	0.142%
53	11.539	1604	1607	1610	rVV2	52247	68311	3.20%	0.230%
54	11.569	1610	1612	1615	rVB	107394	94852	4.44%	0.319%
55	11.651	1624	1626	1630	rVB	75917	84661	3.97%	0.285%
56	11.739	1638	1641	1644	rVV	267408	281724	13.20%	0.948%
57	11.769	1644	1646	1651	rVB	391326	357932	16.77%	1.204%
58	11.816	1651	1654	1657	rBV	125886	115903	5.43%	0.390%
59	11.851	1657	1660	1662	rVV	528679	525834	24.63%	1.769%
60	11.874	1662	1664	1669	rVB	297969	258751	12.12%	0.870%
61	11.927	1670	1673	1674	rBV2	37326	36917	1.73%	0.124%
62	11.974	1679	1681	1684	rVB	71372	55415	2.60%	0.186%
63	12.033	1689	1691	1693	rVV	164610	144363	6.76%	0.486%
64	12.057	1693	1695	1702	rVB2	138569	190032	8.90%	0.639%
65	12.163	1711	1713	1715	rBV	69304	65936	3.09%	0.222%
66	12.186	1715	1717	1719	rVV	88185	78941	3.70%	0.266%
67	12.216	1719	1722	1724	rVV	108164	108208	5.07%	0.364%
68	12.239	1724	1726	1729	rVB2	97184	85847	4.02%	0.289%
69	12.286	1731	1734	1737	rBV	293499	318197	14.91%	1.070%
70	12.321	1737	1740	1743	rVV	179423	255850	11.98%	0.861%
71	12.374	1746	1749	1753	rBV3	131366	208059	9.75%	0.700%

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72	12.445	1758	1761	1765	rBV	1564702	1447069	67.78%	4.868%
73	12.498	1767	1770	1771	rBV	69293	65482	3.07%	0.220%
74	12.539	1775	1777	1780	rBV2	46890	52756	2.47%	0.177%
75	12.598	1785	1787	1791	rVB3	67520	68870	3.23%	0.232%
76	12.674	1794	1800	1803	rBV	1630263	1671663	78.31%	5.623%
77	12.792	1817	1820	1822	rBV	95029	92819	4.35%	0.312%
78	12.816	1822	1824	1832	rVB	746258	802858	37.61%	2.701%
79	12.892	1834	1837	1840	rVV2	178648	220996	10.35%	0.743%
80	12.951	1844	1847	1849	rBV2	70599	67747	3.17%	0.228%
81	12.980	1849	1852	1853	rVV2	158254	176396	8.26%	0.593%
82	13.004	1853	1856	1859	rVB	277838	294316	13.79%	0.990%
83	13.068	1864	1867	1870	rVB	233550	195925	9.18%	0.659%
84	13.104	1870	1873	1877	rBV2	264806	274698	12.87%	0.924%
85	13.198	1886	1889	1891	rBV	218943	189891	8.90%	0.639%
86	13.227	1891	1894	1898	rVB	220693	188036	8.81%	0.633%
87	13.404	1922	1924	1930	rVB2	87474	113012	5.29%	0.380%
88	13.504	1939	1941	1946	rVB2	113003	144921	6.79%	0.487%
89	13.615	1956	1960	1963	rBV3	148608	222284	10.41%	0.748%
90	13.645	1963	1965	1967	rVB	94880	72342	3.39%	0.243%
91	13.868	1998	2003	2005	rBV2	1675581	2134805	100.00%	7.181%
92	13.892	2005	2007	2015	rVB	673134	598006	28.01%	2.012%
93	14.251	2066	2068	2071	rVB	185873	151097	7.08%	0.508%
94	14.345	2082	2084	2087	rVB2	153794	129272	6.06%	0.435%
95	14.374	2087	2089	2091	rBV2	128781	119193	5.58%	0.401%
96	14.645	2133	2135	2141	rVB2	162432	202817	9.50%	0.682%
97	14.874	2171	2174	2184	rVB	426425	777293	36.41%	2.615%
98	15.157	2219	2222	2228	rVB	273554	322515	15.11%	1.085%
99	15.215	2228	2232	2238	rBV	367448	502247	23.53%	1.689%
100	15.274	2238	2242	2245	rBV	838540	1008521	47.24%	3.392%

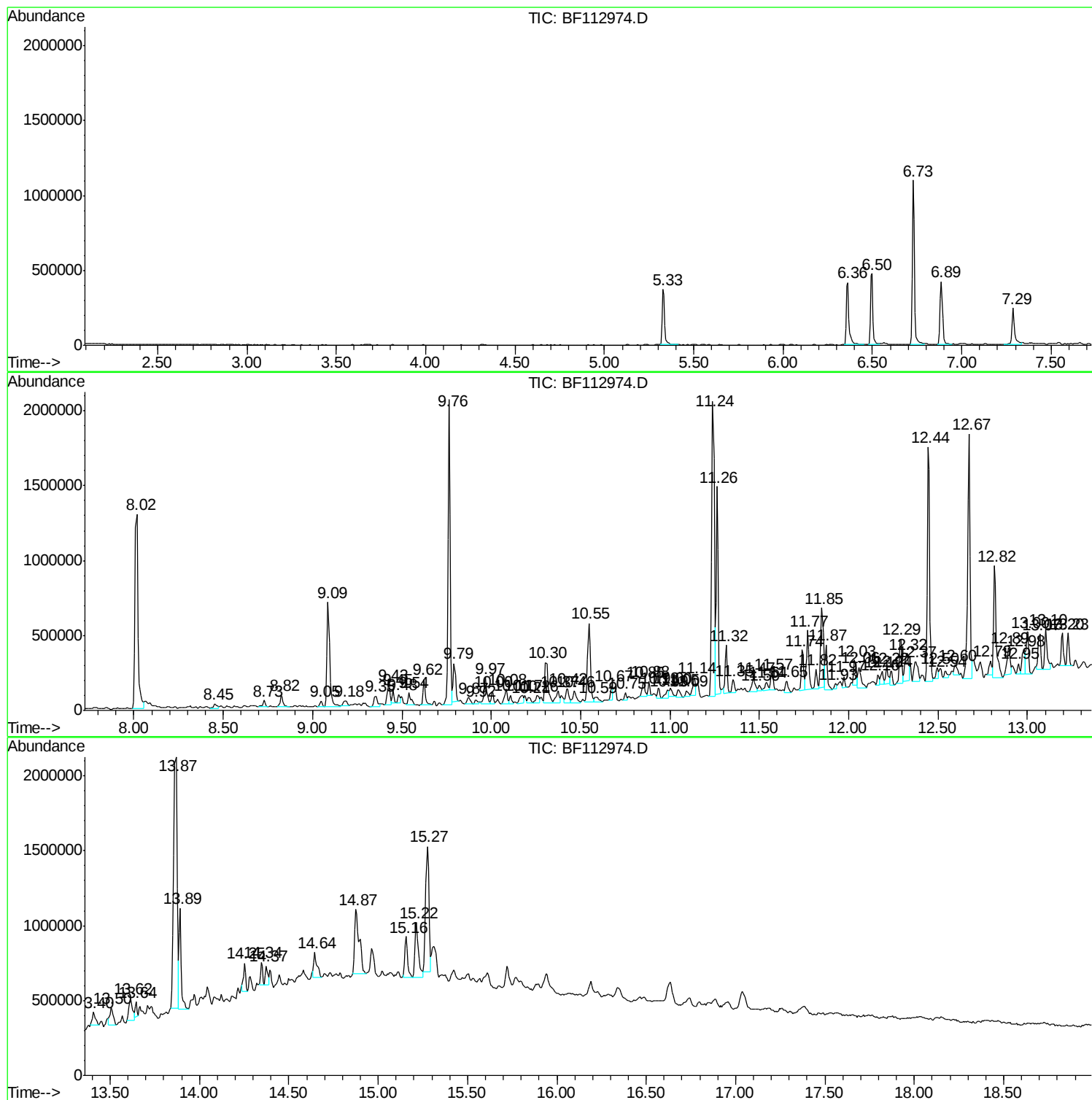
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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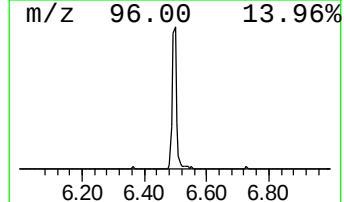
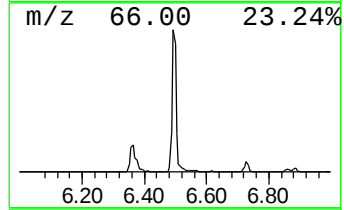
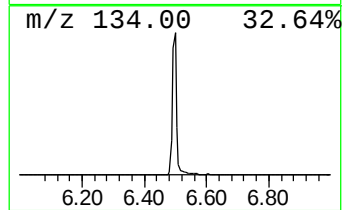
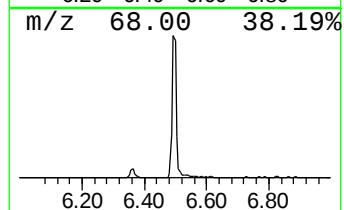
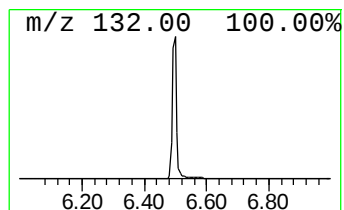
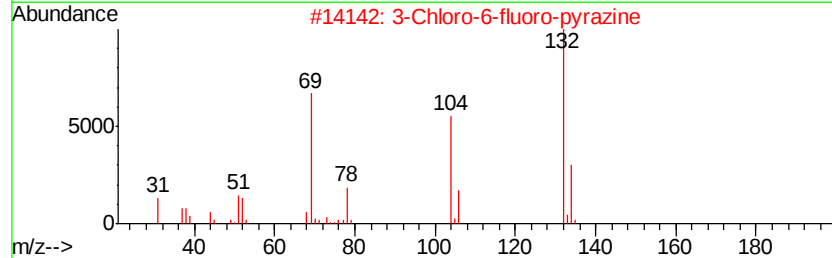
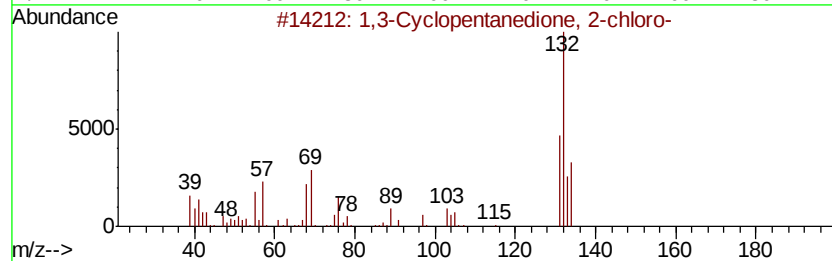
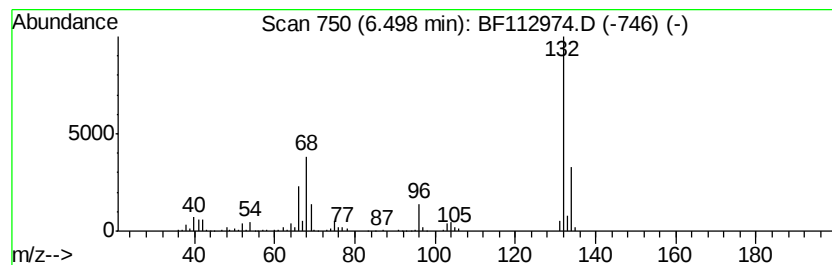
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	9.32 ng	457905	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	12
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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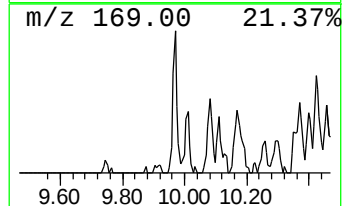
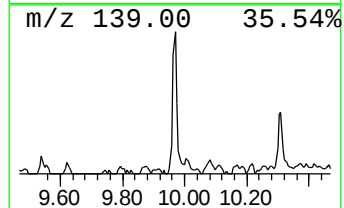
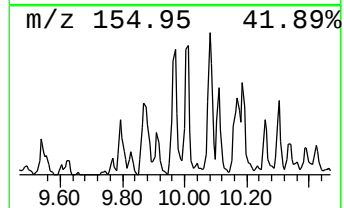
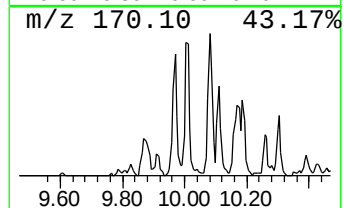
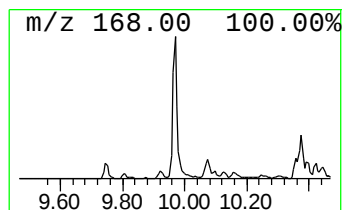
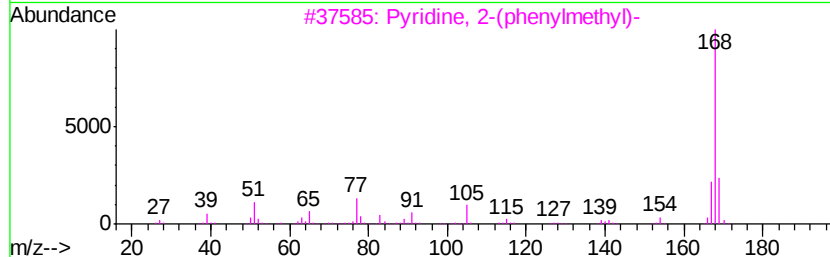
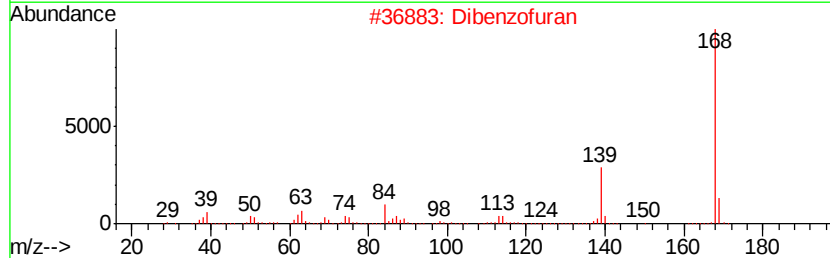
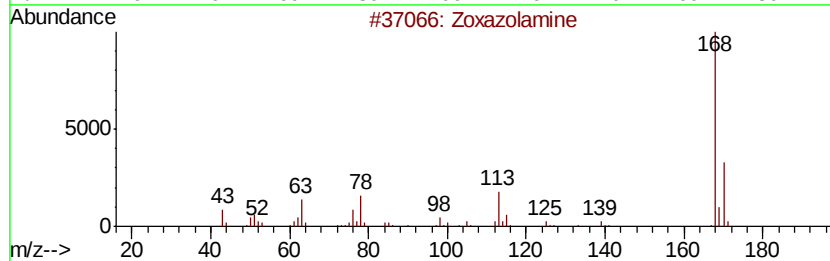
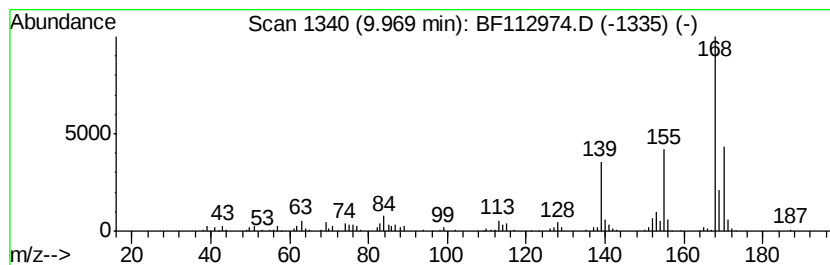
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown9.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.19 ng	197050	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
2		Dibenzofuran	168	C12H8O	000132-64-9	41
3		Pvridine, 2-(phenylmethvl)-	169	C12H11N	000101-82-6	35
4		1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	27
5		6-Hydroxy-8-mercaptapurine	168	C5H4N4OS	006305-94-8	25



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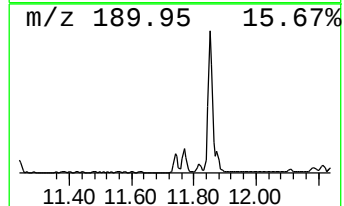
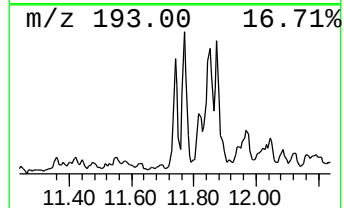
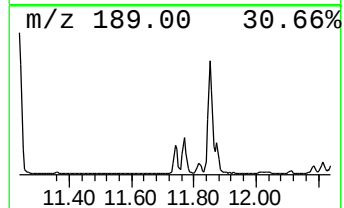
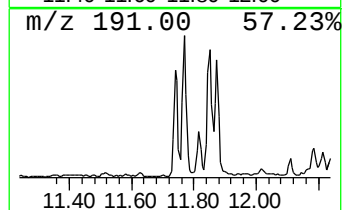
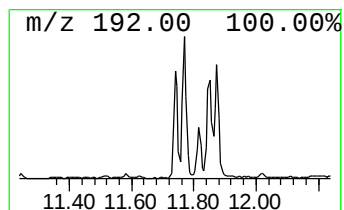
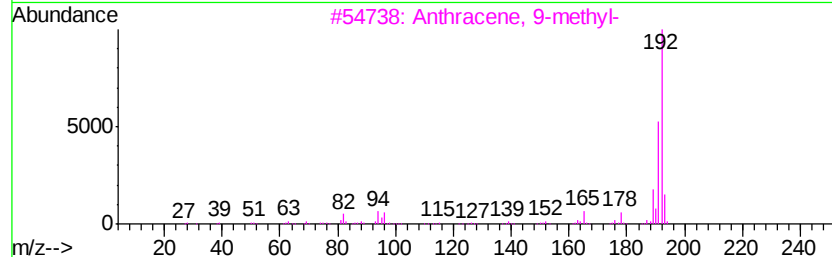
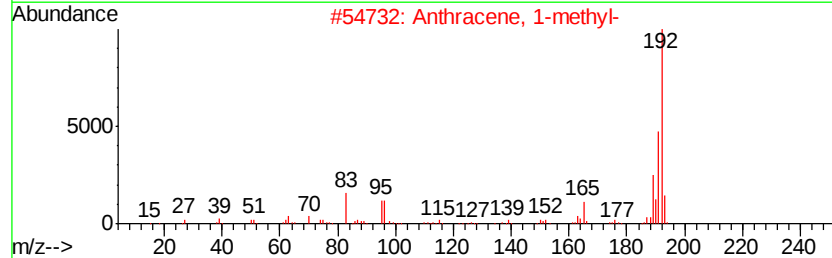
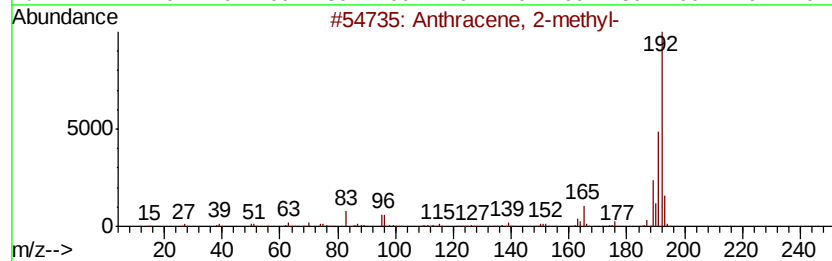
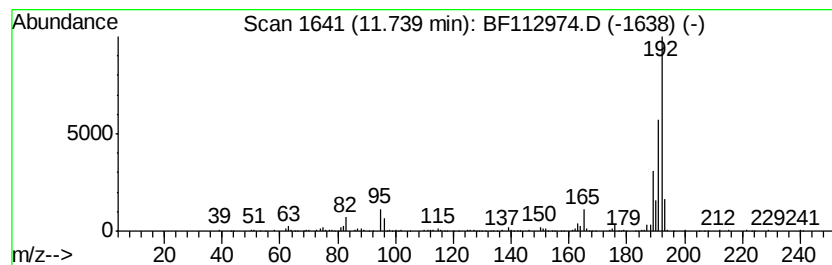
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.14 ng	281724	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-030819

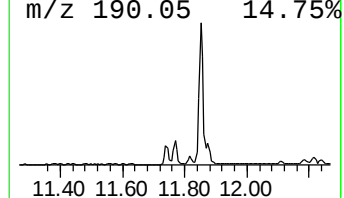
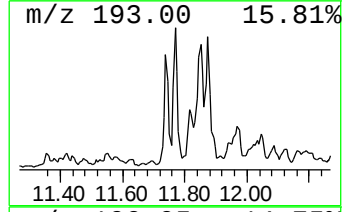
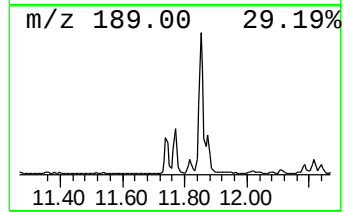
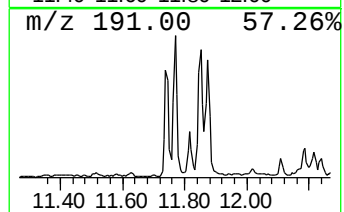
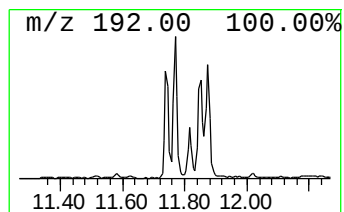
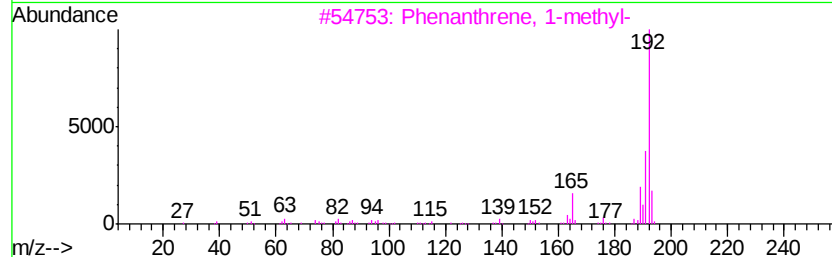
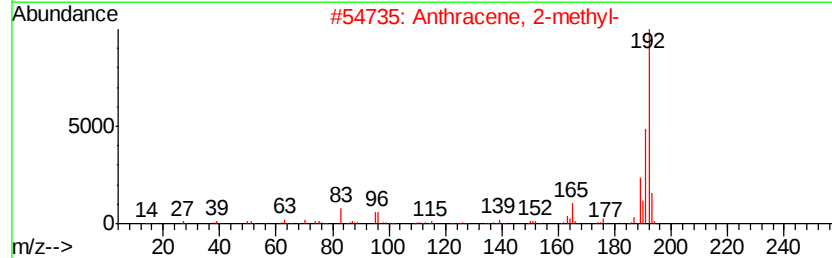
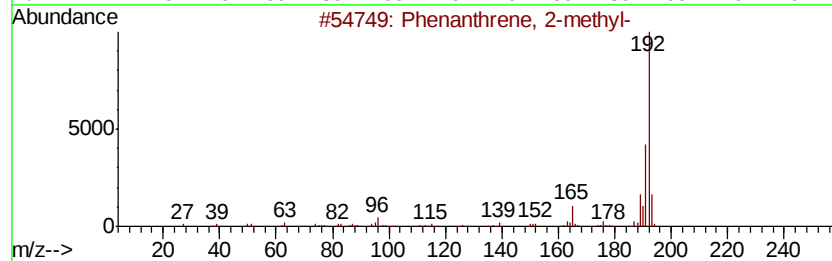
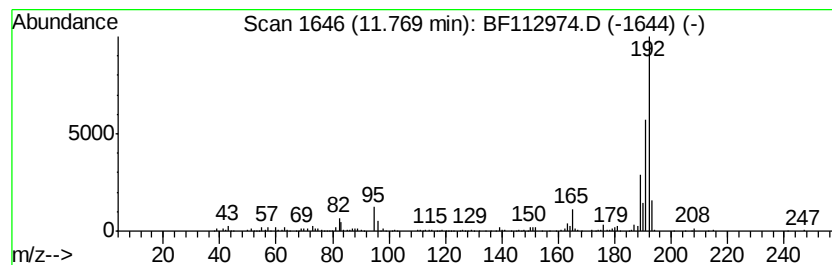
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.99 ng	357932	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
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Instrument :
BNA_F
ClientSampleId :
OK-01-030819

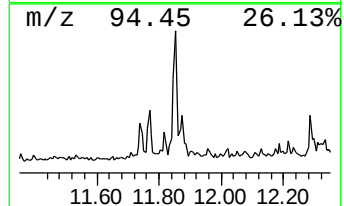
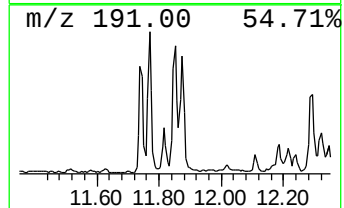
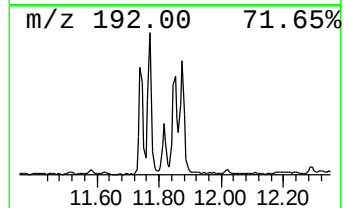
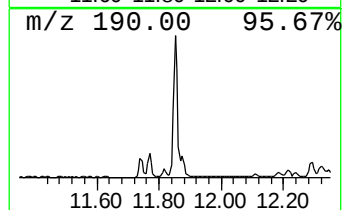
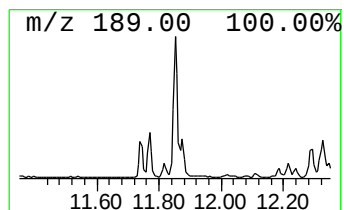
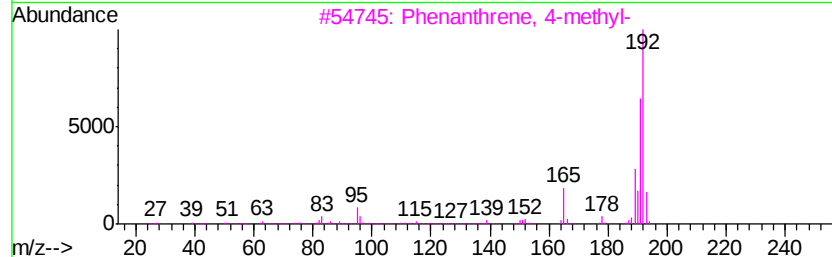
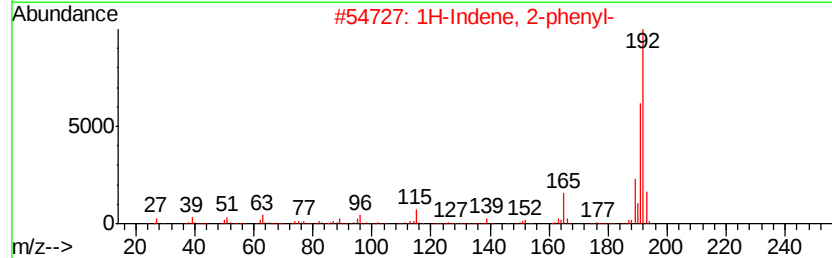
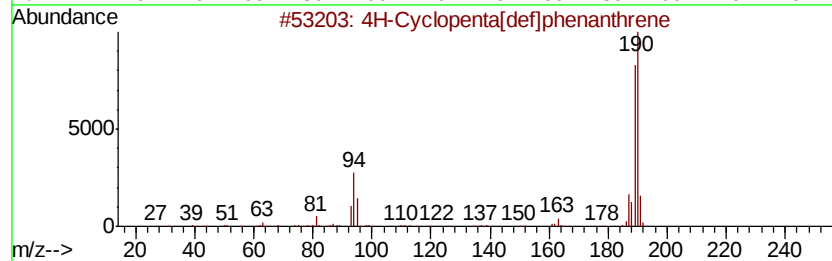
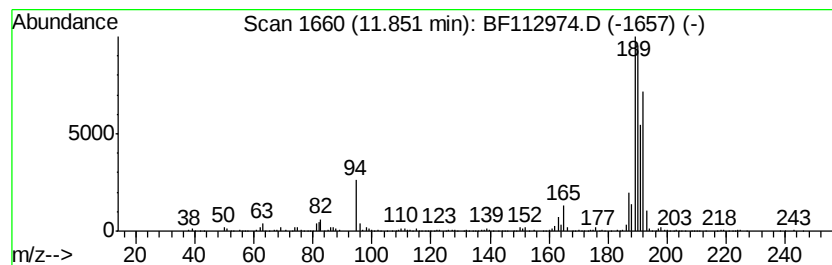
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.86 ng	525834	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-030819

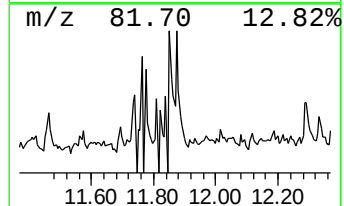
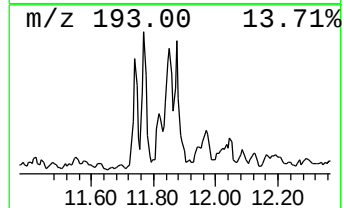
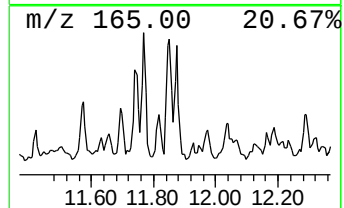
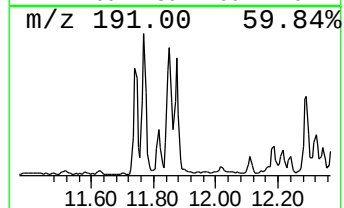
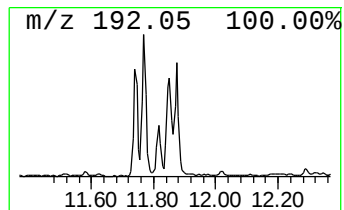
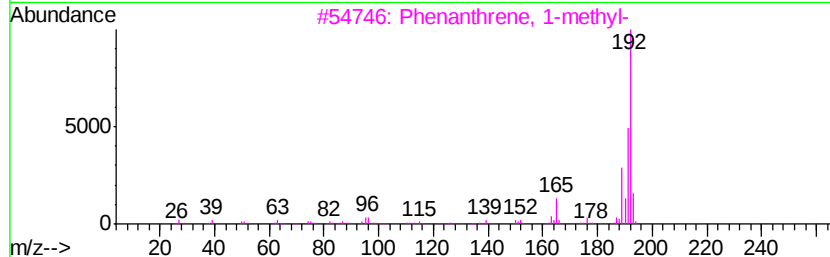
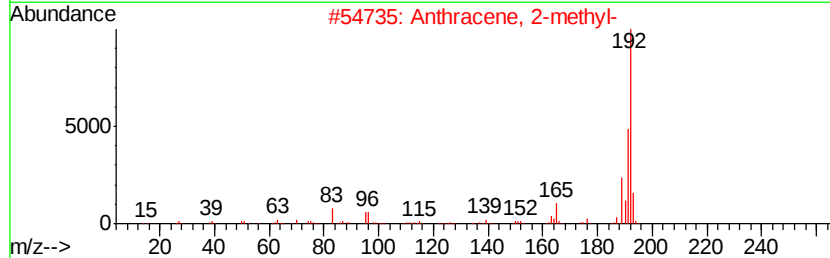
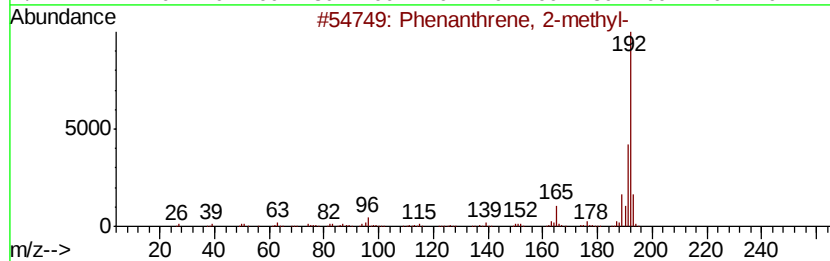
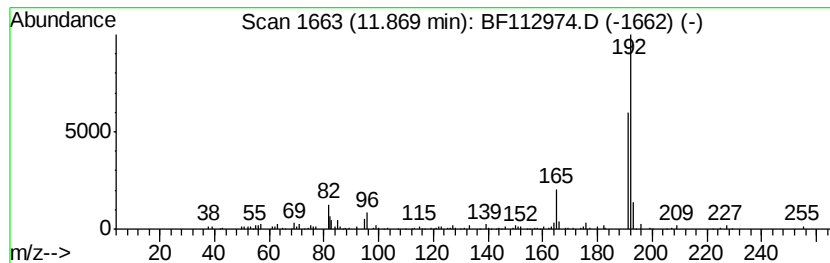
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.87 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.89 ng	258751	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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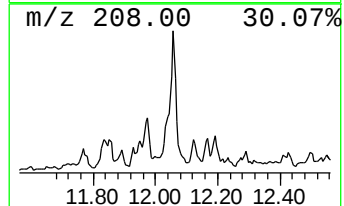
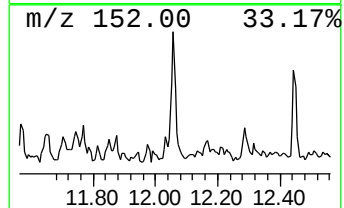
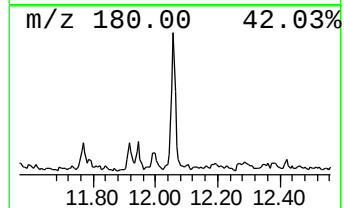
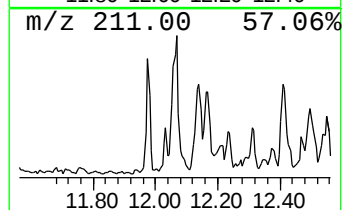
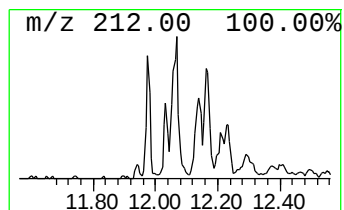
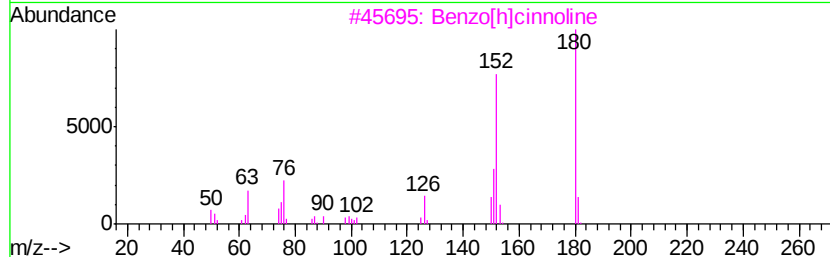
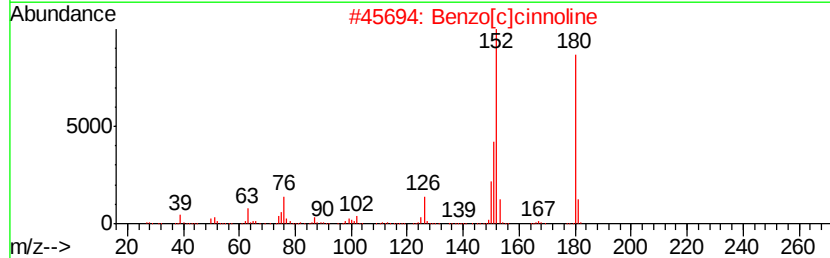
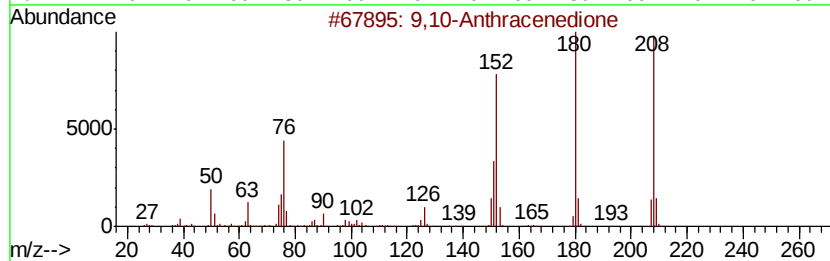
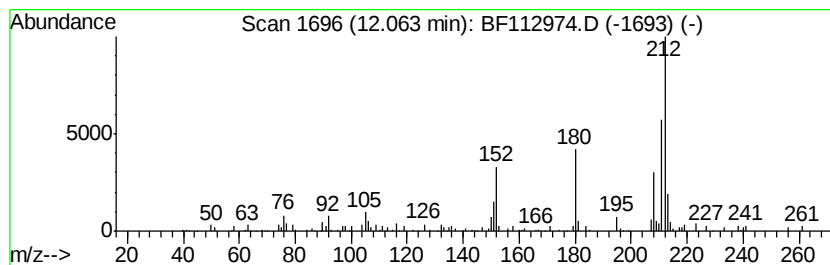
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.12 ng	190032	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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Operator : JU/SJ
Sample : K1692-01 5X
Misc :
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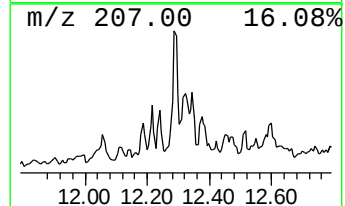
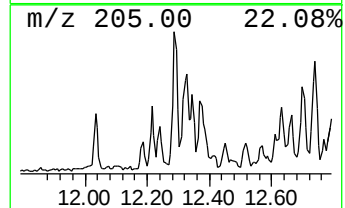
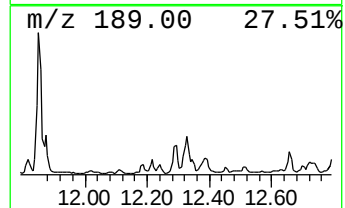
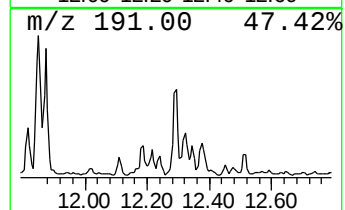
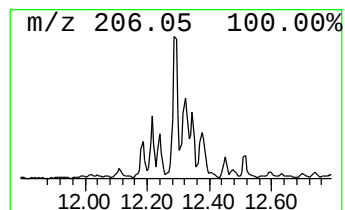
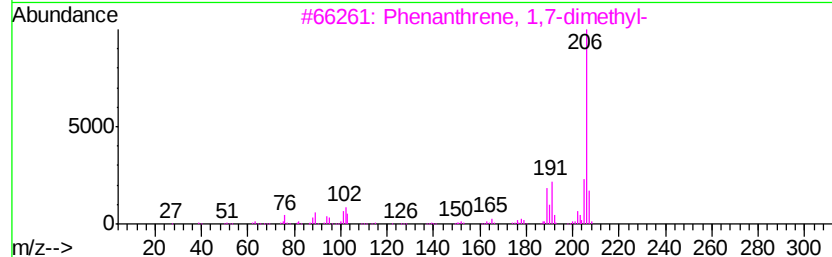
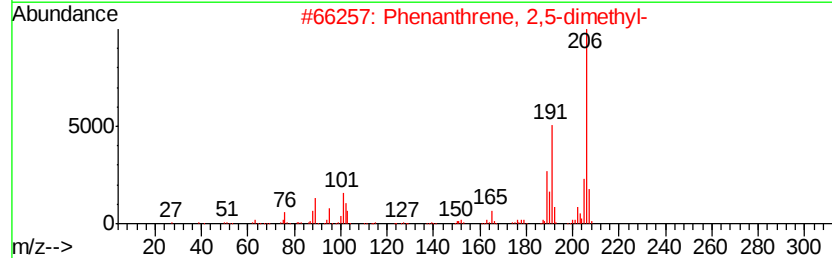
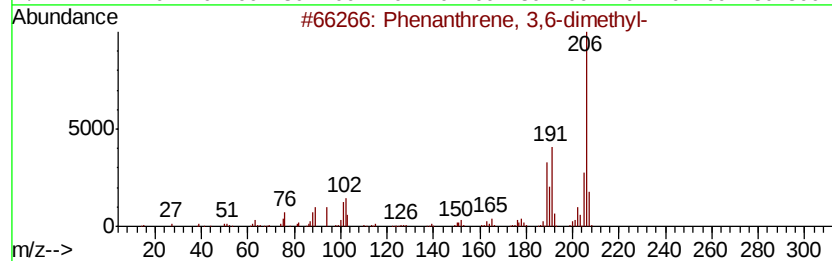
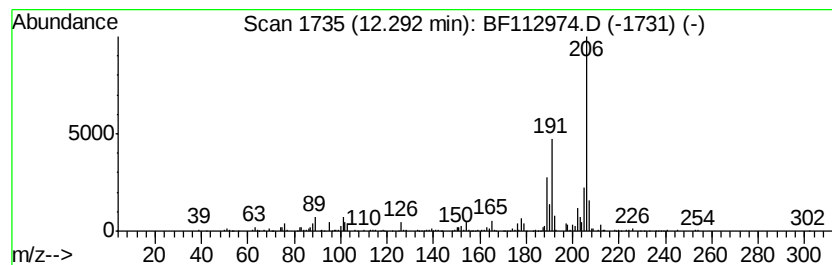
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.29	3.55 ng	318197	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
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Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-030819

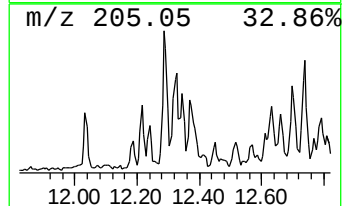
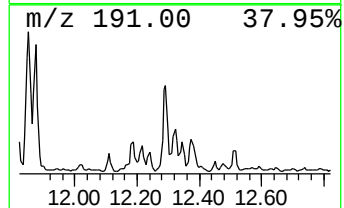
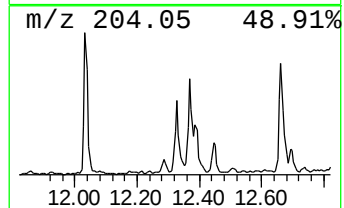
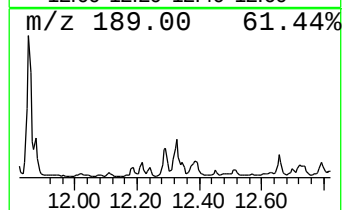
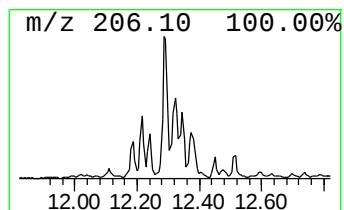
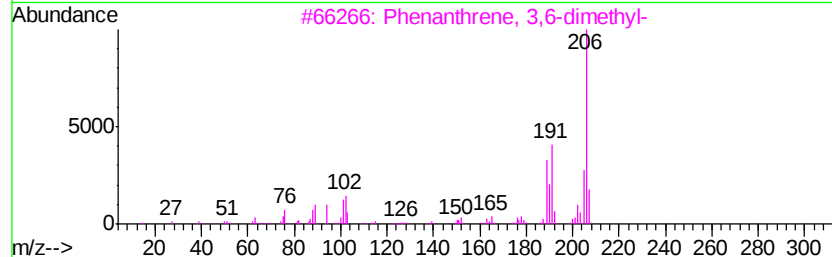
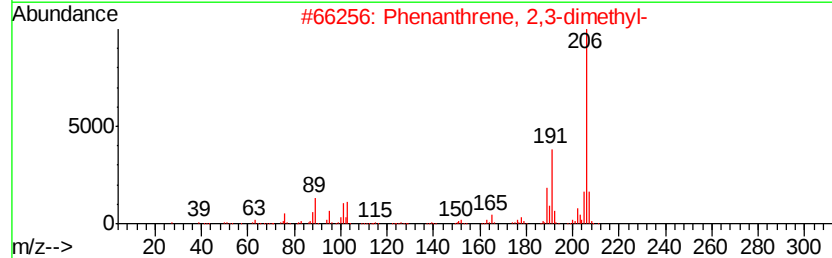
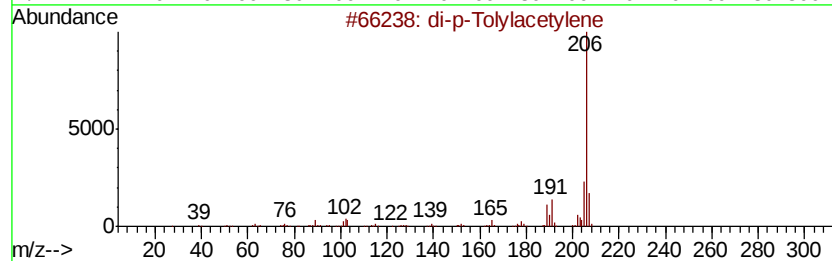
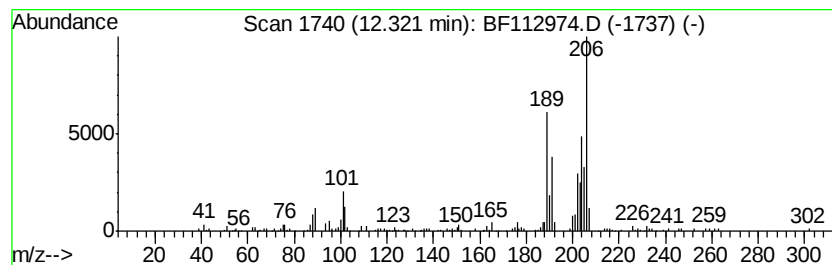
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.85 ng	255850	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	53
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
4			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43
5			3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
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Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

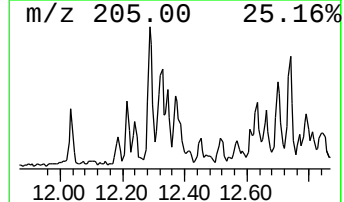
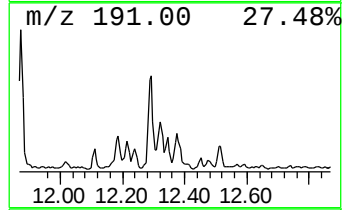
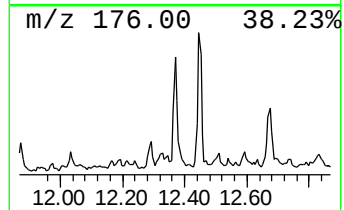
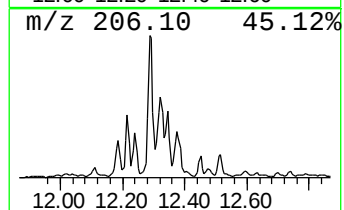
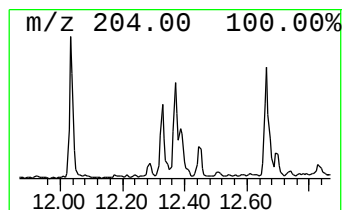
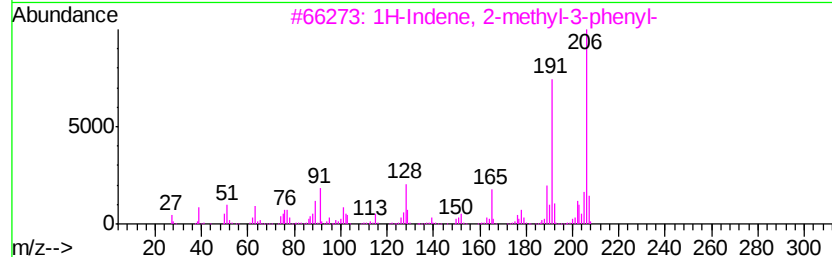
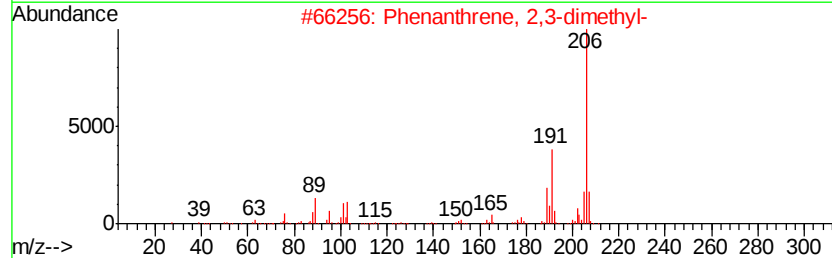
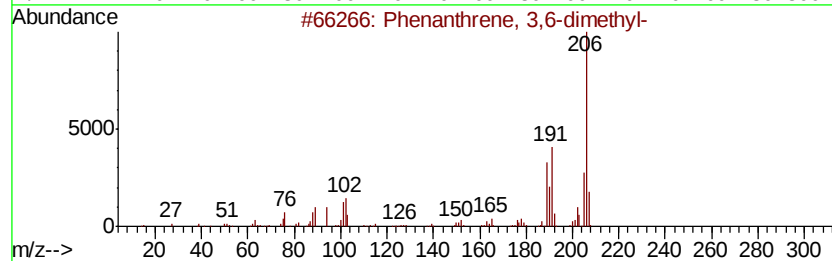
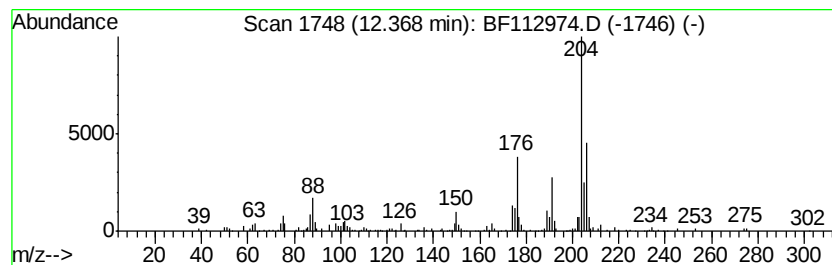
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ClientSampleId :
OK-01-030819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.37	2.32 ng	208059	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

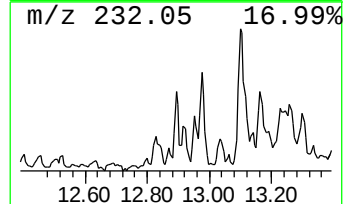
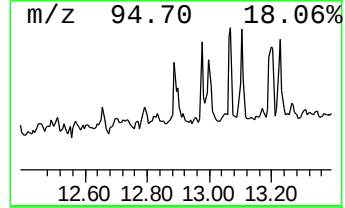
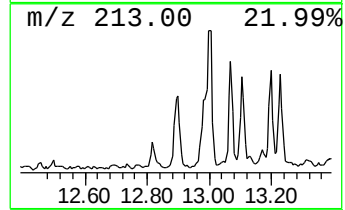
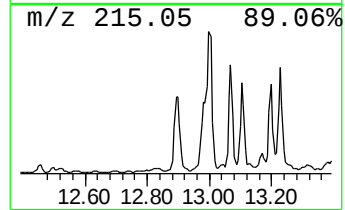
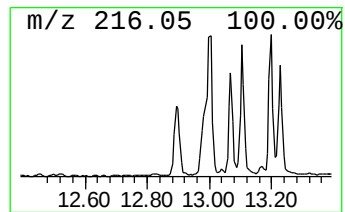
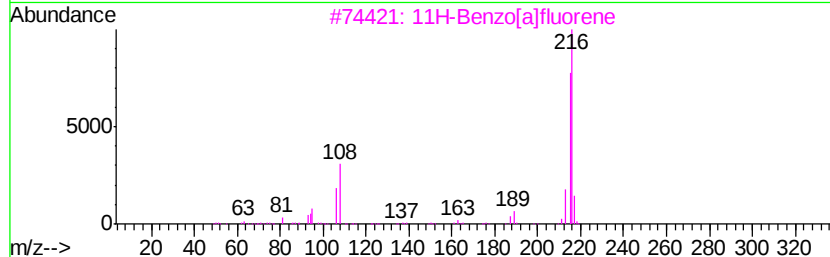
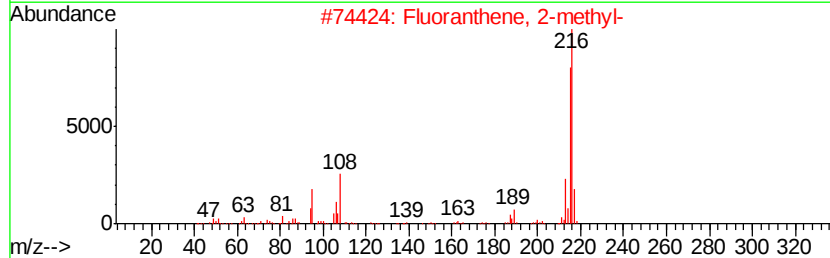
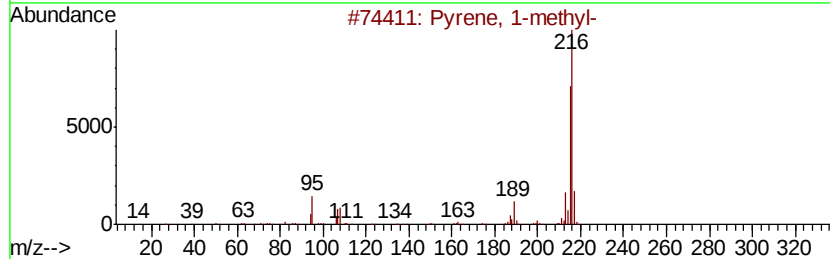
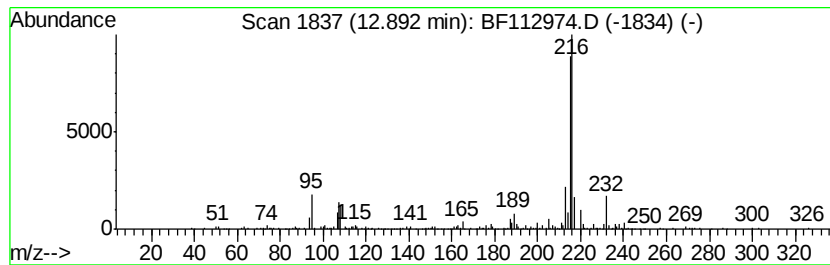
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.07 ng	220996	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 74
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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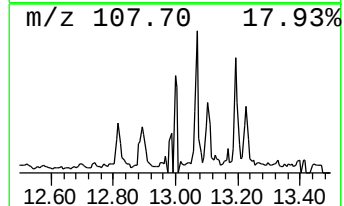
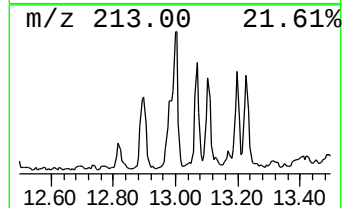
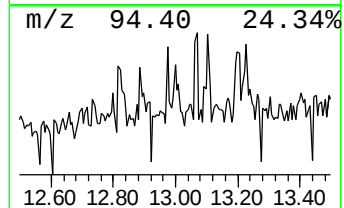
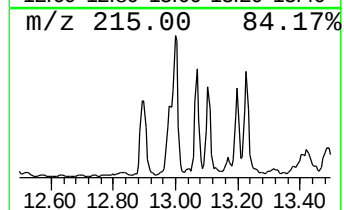
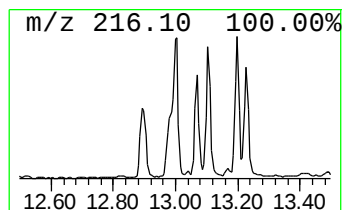
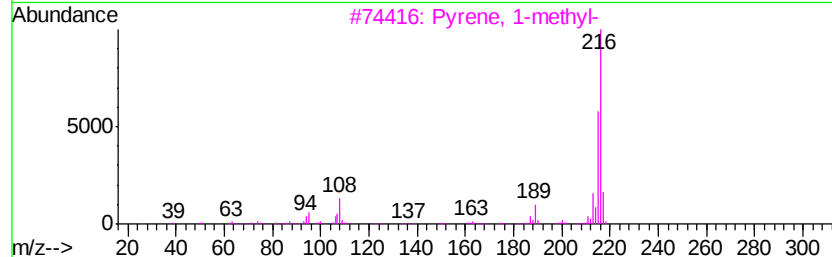
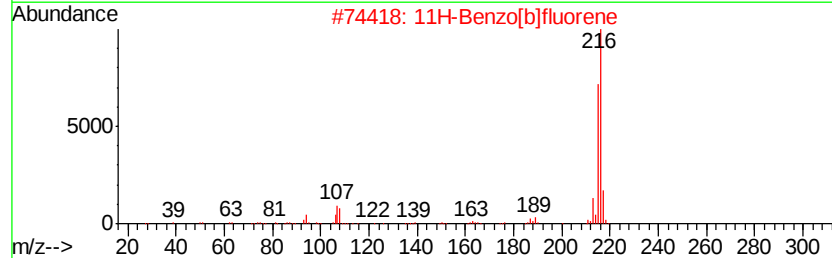
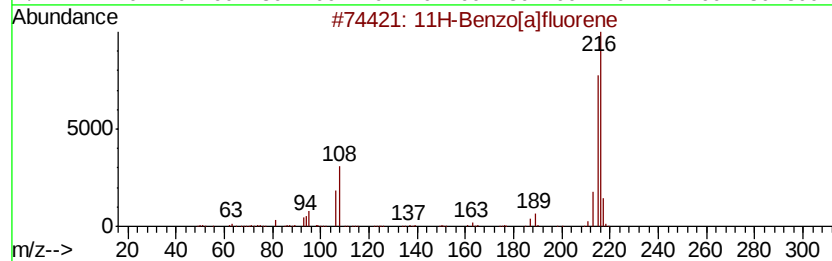
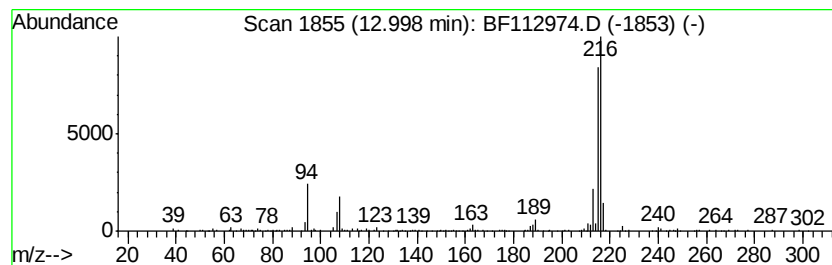
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.76 ng	294316	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-030819

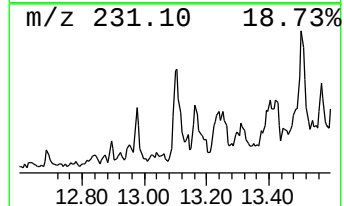
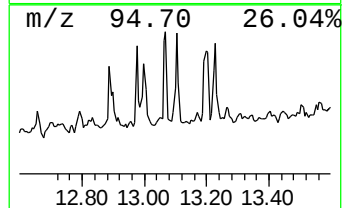
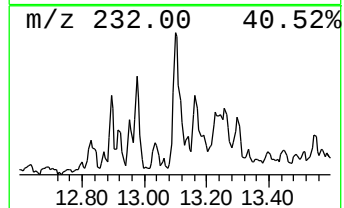
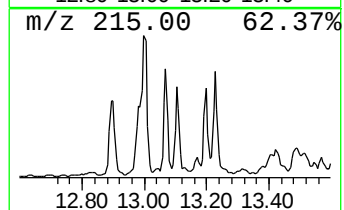
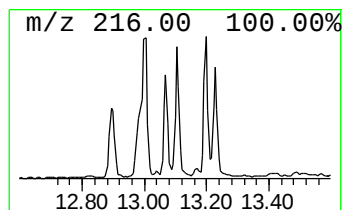
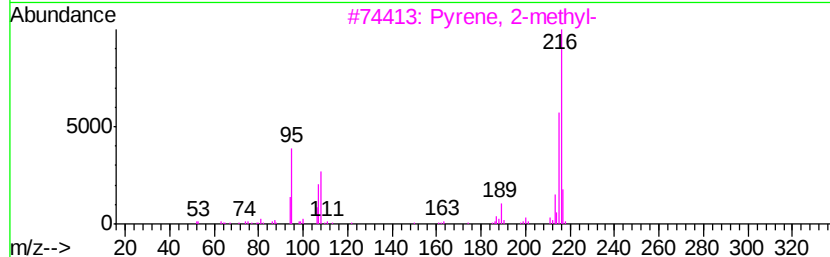
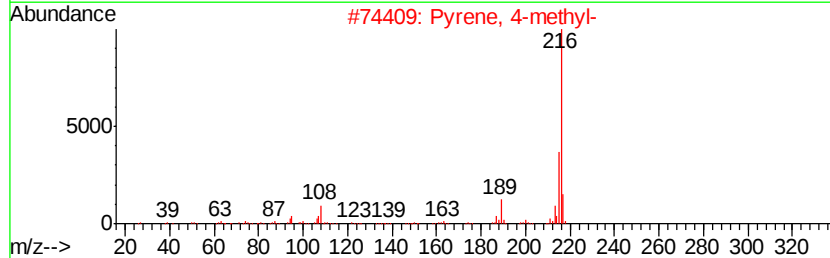
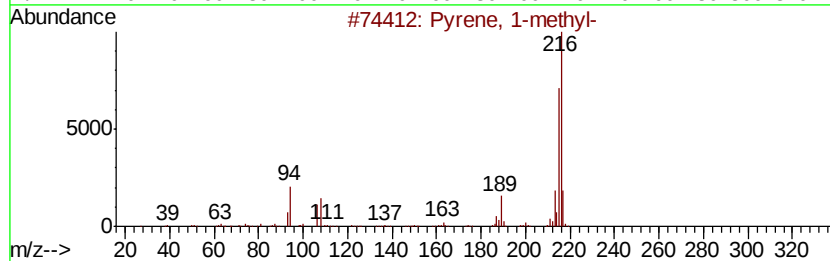
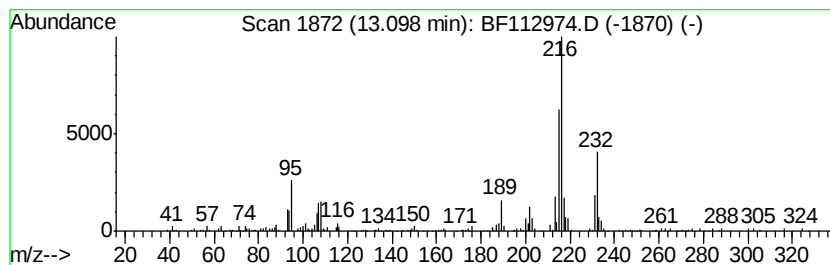
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.57 ng	274698	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			: 4-((2-Methylphenyl)diazenvl)-1...	216	C10H12N6	1000332-58-9	86
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-030819

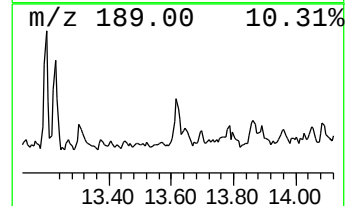
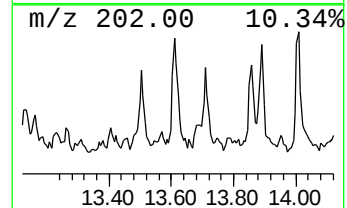
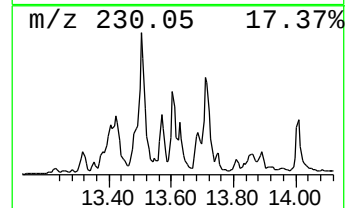
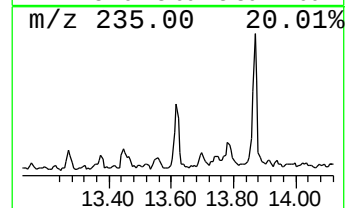
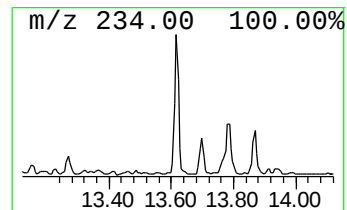
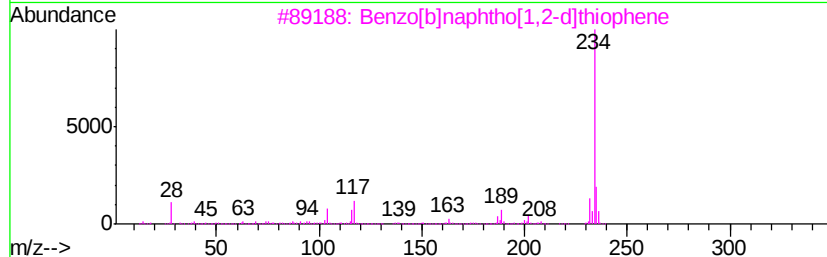
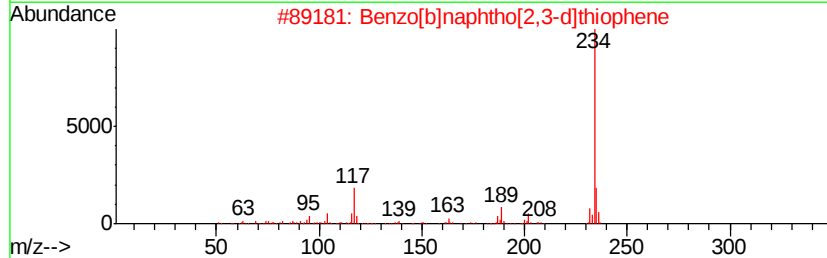
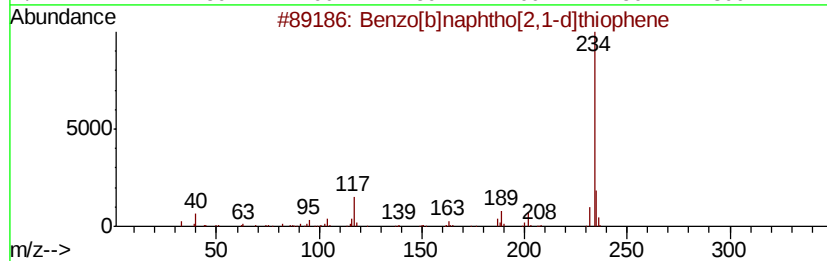
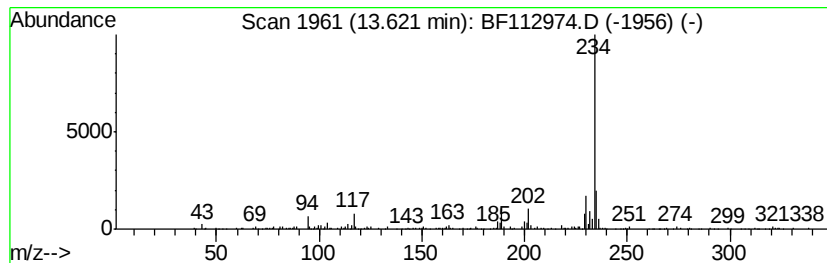
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.08 ng	222284	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4		Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	53
5		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112974.D
Acq On : 12 Mar 2019 00:11
Operator : JU/SJ
Sample : K1692-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

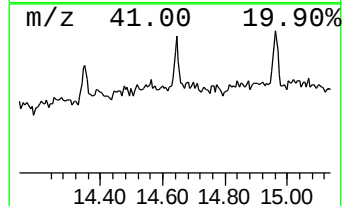
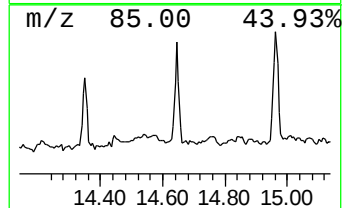
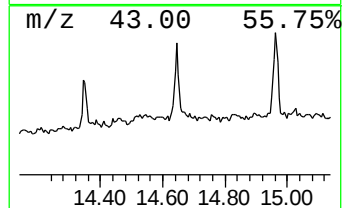
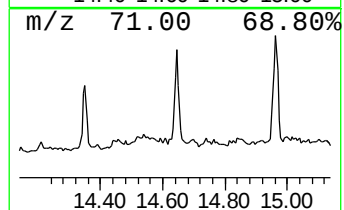
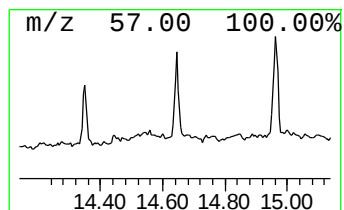
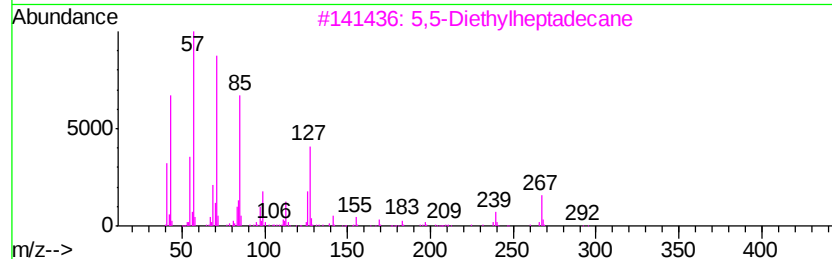
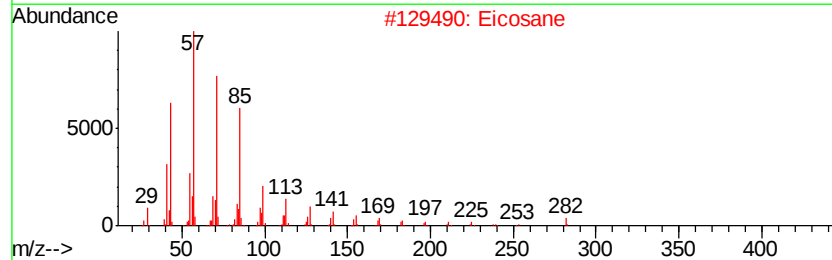
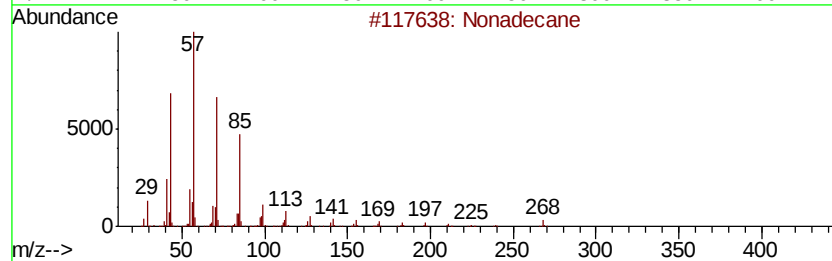
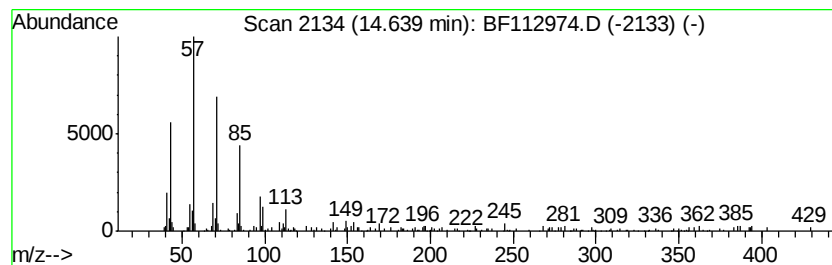
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.02 ng	202817	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	91
2	Eicosane	282 C20H42	000112-95-8	81
3	5,5-Diethylheptadecane	296 C21H44	1000360-41-7	80
4	Pentacosane	352 C25H52	000629-99-2	72
5	Heneicosane	296 C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112974.D
 Acq On : 12 Mar 2019 00:11
 Operator : JU/SJ
 Sample : K1692-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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unknown9.97	9.97	2.2	ng	197050	3	9.76	1799270	20.0
Anthracene, 2-met...	11.74	3.1	ng	281724	4	11.24	1793260	20.0
Phenanthrene, 2-m...	11.77	4.0	ng	357932	4	11.24	1793260	20.0
4H-Cyclopenta[def...	11.85	5.9	ng	525834	4	11.24	1793260	20.0
unknown11.87	11.87	2.9	ng	258751	4	11.24	1793260	20.0
9,10-Anthracenedione	12.06	2.1	ng	190032	4	11.24	1793260	20.0
Phenanthrene, 3,6...	12.29	3.5	ng	318197	4	11.24	1793260	20.0
di-p-Tolylacetylene	12.32	2.9	ng	255850	4	11.24	1793260	20.0
unknown12.37	12.37	2.3	ng	208059	4	11.24	1793260	20.0
Pyrene, 1-methyl-	12.89	2.1	ng	220996	5	13.87	2134810	20.0
11H-Benzo[a]fluorene	13.00	2.8	ng	294316	5	13.87	2134810	20.0
unknown13.10	13.10	2.6	ng	274698	5	13.87	2134810	20.0
Benzo[b]naphtho[2...	13.62	2.1	ng	222284	5	13.87	2134810	20.0
Nonadecane	14.64	4.0	ng	202817	6	15.27	1008520	20.0