

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
 Data File : BF104695.D
 Acq On : 21 Apr 2018 1:32
 Operator : JU/SJ
 Sample : J2453-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-13 0.5-1.0

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.016	492	498	504	rBV	113104	152464	5.19%	0.334%
2	5.422	563	567	570	rBV	2394340	2268481	77.22%	4.977%
3	6.446	736	741	753	rVB	2457098	2502459	85.19%	5.490%
4	6.575	759	763	766	rBV	2838608	2608757	88.81%	5.723%
5	6.804	798	802	805	rBV	868400	690056	23.49%	1.514%
6	6.963	824	829	832	rBV	2637268	2477488	84.34%	5.435%
7	7.369	893	898	901	rBV	1827573	1959923	66.72%	4.300%
8	8.087	1017	1020	1023	rVV	1021451	792744	26.99%	1.739%
9	8.669	1116	1119	1123	rBV	118121	105095	3.58%	0.231%
10	8.798	1139	1141	1144	rBV	183482	138383	4.71%	0.304%
11	8.898	1153	1158	1165	rVB2	125181	166014	5.65%	0.364%
12	9.163	1198	1203	1206	rBV	3315079	2937599	100.00%	6.445%
13	9.234	1213	1215	1218	rBV	238592	211284	7.19%	0.464%
14	9.357	1233	1236	1242	rVB	112868	121279	4.13%	0.266%
15	9.428	1244	1248	1252	rBV	233468	300833	10.24%	0.660%
16	9.498	1257	1260	1262	rVV	280063	273697	9.32%	0.600%
17	9.528	1262	1265	1267	rVV	213354	208125	7.08%	0.457%
18	9.557	1267	1270	1272	rVV	328476	302663	10.30%	0.664%
19	9.616	1277	1280	1286	rBV	172560	172632	5.88%	0.379%
20	9.769	1303	1306	1309	rVB	524223	423861	14.43%	0.930%
21	9.845	1315	1319	1321	rBV	810218	739697	25.18%	1.623%
22	9.945	1332	1336	1340	rBV	196615	251868	8.57%	0.553%
23	9.986	1340	1343	1348	rBV4	78338	135362	4.61%	0.297%
24	10.039	1348	1352	1356	rVV2	216433	287458	9.79%	0.631%
25	10.081	1356	1359	1364	rVV3	284650	345870	11.77%	0.759%
26	10.157	1369	1372	1375	rBV	163534	159287	5.42%	0.349%
27	10.186	1375	1377	1379	rVV	267093	183950	6.26%	0.404%
28	10.245	1383	1387	1388	rBV2	197749	203968	6.94%	0.447%
29	10.269	1388	1391	1393	rVB	895224	697050	23.73%	1.529%
30	10.328	1398	1401	1406	rVB5	97815	149846	5.10%	0.329%
31	10.381	1406	1410	1412	rBV2	106259	120200	4.09%	0.264%
32	10.410	1412	1415	1417	rBV2	122201	124907	4.25%	0.274%
33	10.481	1424	1427	1434	rBV3	157928	277156	9.43%	0.608%
34	10.539	1434	1437	1441	rBV4	114003	157070	5.35%	0.345%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.604	1446	1448	1450	rBV2	168632	146817	5.00%	0.322%
36	10.633	1450	1453	1456	rBV	1062179	895797	30.49%	1.965%
37	10.739	1468	1471	1476	rBV	1048558	1046702	35.63%	2.296%
38	10.933	1501	1504	1506	rBV4	100073	128457	4.37%	0.282%
39	10.998	1513	1515	1518	rVV3	78498	94766	3.23%	0.208%
40	11.063	1522	1526	1528	rBV5	144374	196611	6.69%	0.431%
41	11.086	1528	1530	1535	rVV4	176805	209620	7.14%	0.460%
42	11.133	1536	1538	1541	rVV2	134180	137130	4.67%	0.301%
43	11.192	1544	1548	1551	rVV	1045224	1002629	34.13%	2.200%
44	11.228	1551	1554	1559	rVB2	179545	260751	8.88%	0.572%
45	11.333	1568	1572	1574	rBV	861428	803603	27.36%	1.763%
46	11.357	1574	1576	1582	rVV	837082	786710	26.78%	1.726%
47	11.404	1582	1584	1586	rVV	152675	121175	4.12%	0.266%
48	11.463	1591	1594	1597	rVB3	133781	132431	4.51%	0.291%
49	11.510	1597	1602	1605	rBV3	220872	325988	11.10%	0.715%
50	11.616	1617	1620	1623	rVV	987537	851161	28.97%	1.867%
51	11.663	1625	1628	1633	rVB2	344661	348739	11.87%	0.765%
52	11.745	1640	1642	1646	rVB	112816	115207	3.92%	0.253%
53	11.786	1646	1649	1652	rBV2	144245	185715	6.32%	0.407%
54	11.833	1654	1657	1659	rVV	524801	494288	16.83%	1.084%
55	11.863	1659	1662	1667	rVB2	805083	770457	26.23%	1.690%
56	11.910	1667	1670	1672	rBV	180671	138583	4.72%	0.304%
57	11.939	1672	1675	1678	rVV	339600	375943	12.80%	0.825%
58	11.969	1678	1680	1683	rVB2	531518	419203	14.27%	0.920%
59	12.027	1686	1690	1694	rBV	813027	831500	28.31%	1.824%
60	12.069	1694	1697	1699	rVB	249476	204762	6.97%	0.449%
61	12.127	1704	1707	1710	rBV2	265500	336887	11.47%	0.739%
62	12.163	1710	1713	1717	rVB3	191754	241025	8.20%	0.529%
63	12.204	1717	1720	1722	rBV2	111131	95227	3.24%	0.209%
64	12.263	1727	1730	1731	rBV	171277	175232	5.97%	0.384%
65	12.280	1731	1733	1736	rVV2	237931	213818	7.28%	0.469%
66	12.310	1736	1738	1740	rVV	260309	198340	6.75%	0.435%
67	12.333	1740	1742	1745	rVB2	206924	161586	5.50%	0.355%
68	12.386	1747	1751	1753	rBV	541078	512531	17.45%	1.124%
69	12.416	1753	1756	1759	rVV2	677561	623806	21.24%	1.369%
70	12.445	1759	1761	1763	rVB2	259205	192744	6.56%	0.423%
71	12.469	1763	1765	1768	rBV2	189764	183516	6.25%	0.403%

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72	12.551	1776	1779	1781	rBV2	272819	286360	9.75%	0.628%
73	12.592	1783	1786	1788	rBV2	111761	116546	3.97%	0.256%
74	12.704	1803	1805	1807	rVB2	127390	92976	3.17%	0.204%
75	12.727	1807	1809	1813	rVB	174047	144865	4.93%	0.318%
76	12.780	1813	1818	1824	rBV3	716223	975262	33.20%	2.140%
77	12.833	1824	1827	1830	rVB2	295475	301021	10.25%	0.660%
78	12.922	1838	1842	1845	rBV	2265603	2156800	73.42%	4.732%
79	12.992	1851	1854	1855	rBV3	131358	121284	4.13%	0.266%
80	13.051	1861	1864	1866	rBV2	154394	130561	4.44%	0.286%
81	13.080	1866	1869	1875	rVB6	118747	225680	7.68%	0.495%
82	13.139	1876	1879	1883	rBV2	257931	309906	10.55%	0.680%
83	13.210	1888	1891	1894	rVB	310560	270244	9.20%	0.593%
84	13.304	1904	1907	1910	rBV	237710	217599	7.41%	0.477%
85	13.333	1910	1912	1915	rVB2	145900	113272	3.86%	0.249%
86	13.486	1935	1938	1944	rBV2	209604	207382	7.06%	0.455%
87	13.616	1957	1960	1965	rVB	136803	141336	4.81%	0.310%
88	13.716	1974	1977	1978	rBV	100301	114986	3.91%	0.252%
89	13.774	1984	1987	1991	rBV	106414	133397	4.54%	0.293%
90	13.810	1991	1993	1999	rVB2	263308	321192	10.93%	0.705%
91	13.974	2017	2021	2024	rBV2	763319	804909	27.40%	1.766%
92	13.998	2024	2025	2028	rVB	136563	104011	3.54%	0.228%
93	14.127	2044	2047	2056	rVB4	237449	350190	11.92%	0.768%
94	14.363	2085	2087	2090	rVB	111947	95265	3.24%	0.209%
95	14.439	2097	2100	2102	rVV	163964	145416	4.95%	0.319%
96	14.739	2148	2151	2155	rVB2	135173	143302	4.88%	0.314%
97	15.074	2205	2208	2212	rVB	104023	114478	3.90%	0.251%
98	15.310	2245	2248	2253	rVV	81646	99298	3.38%	0.218%
99	15.374	2256	2259	2265	rVB	87991	106544	3.63%	0.234%
100	15.439	2265	2270	2281	rVB	445507	629247	21.42%	1.381%

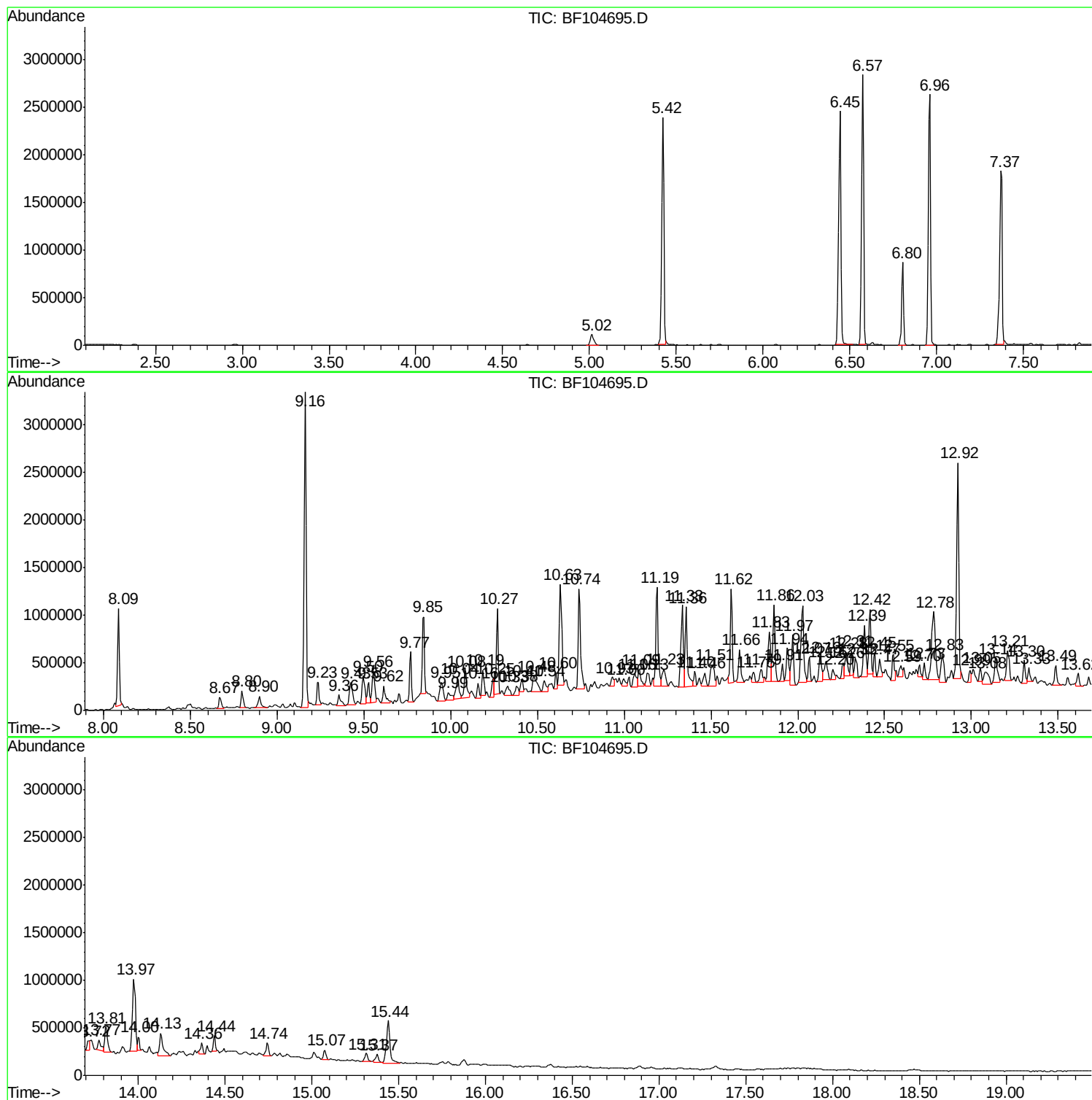
Sum of corrected areas: 45580312

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ClientSampled :
T-13 0.5-1.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.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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Instrument :
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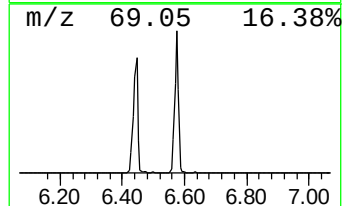
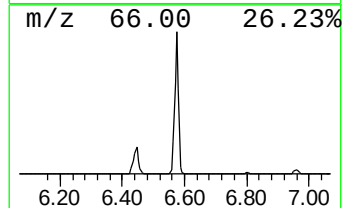
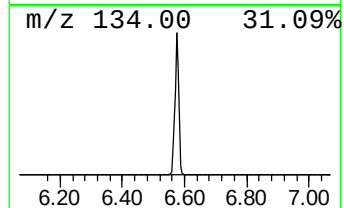
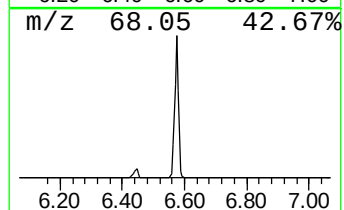
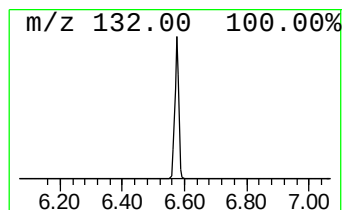
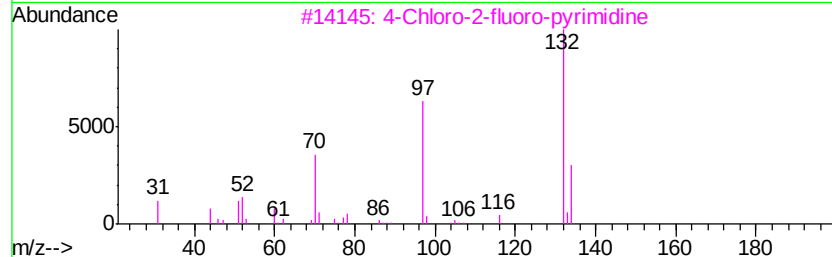
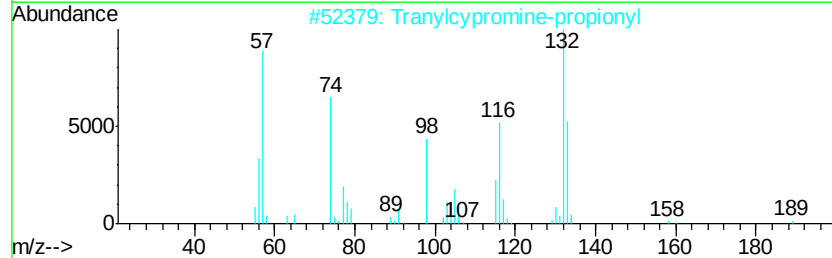
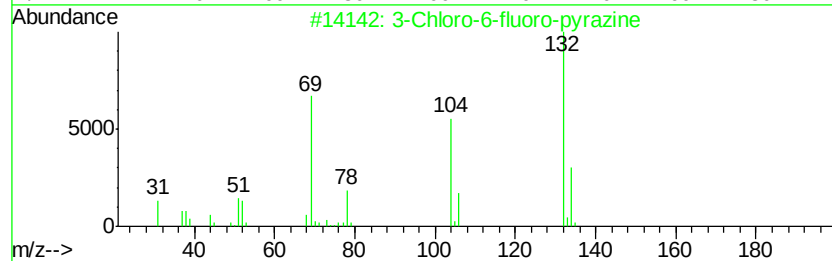
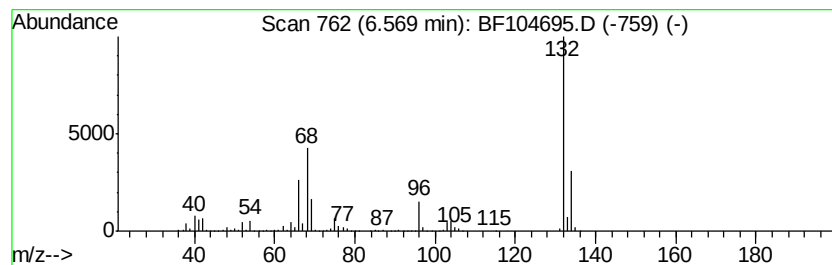
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.61 ng	2608760	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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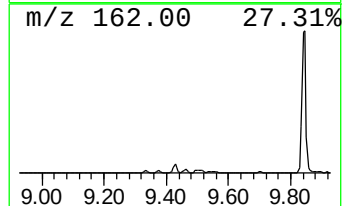
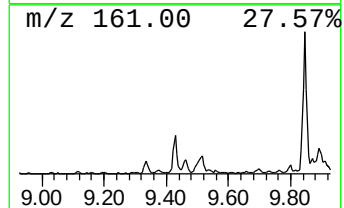
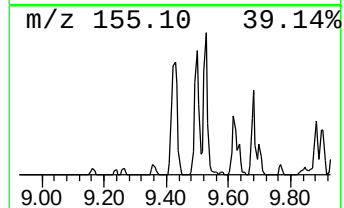
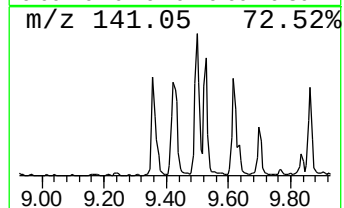
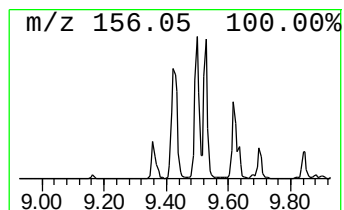
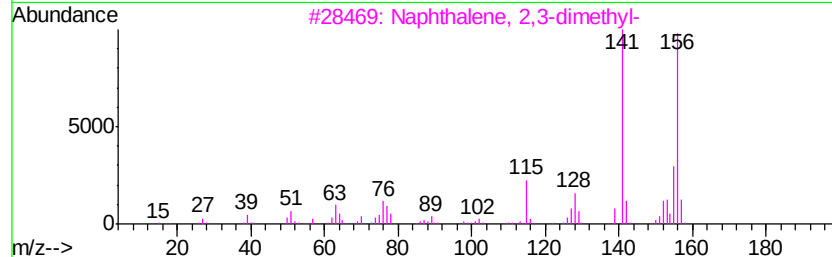
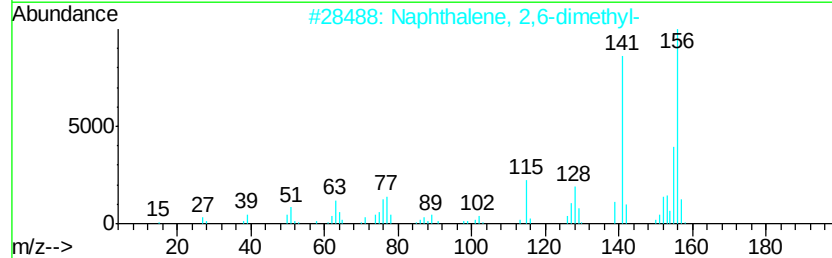
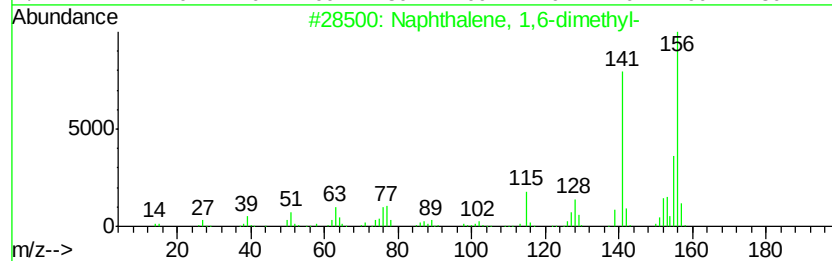
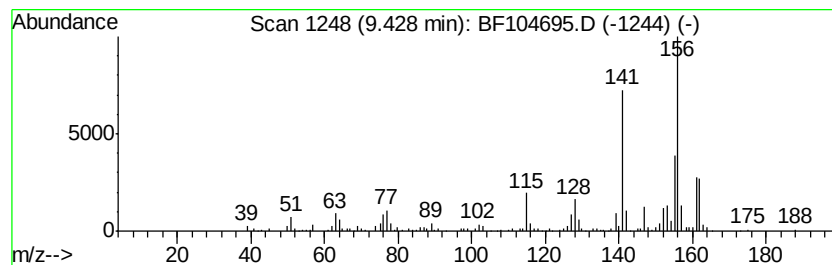
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.43	8.13 ng	300833	Acenaphthene-d10	9.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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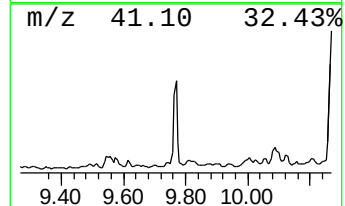
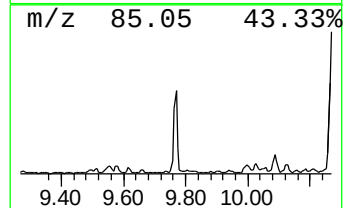
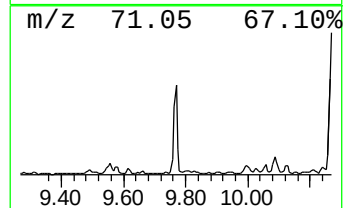
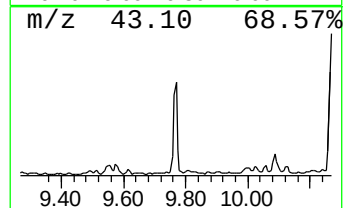
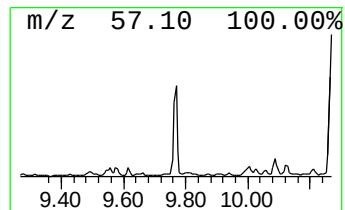
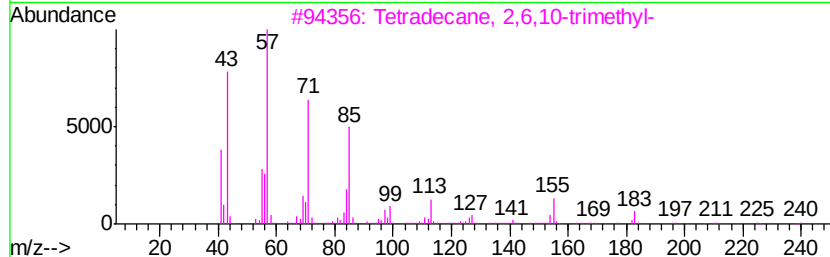
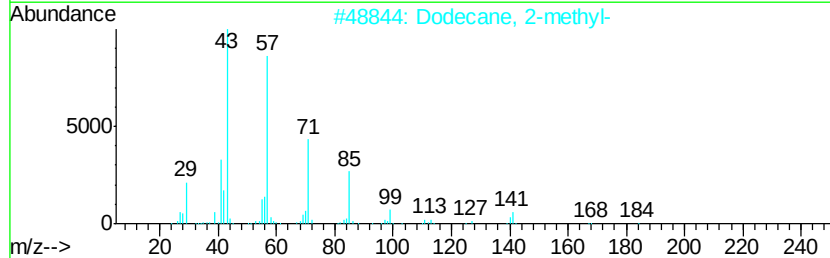
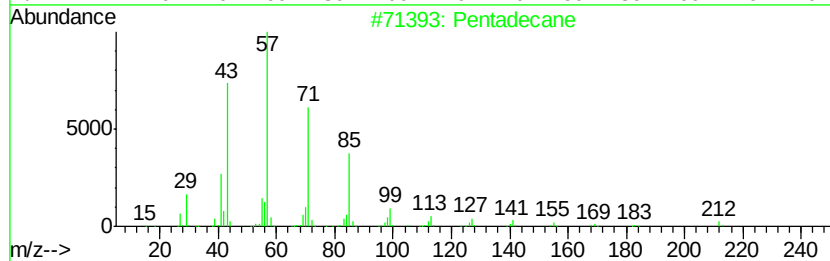
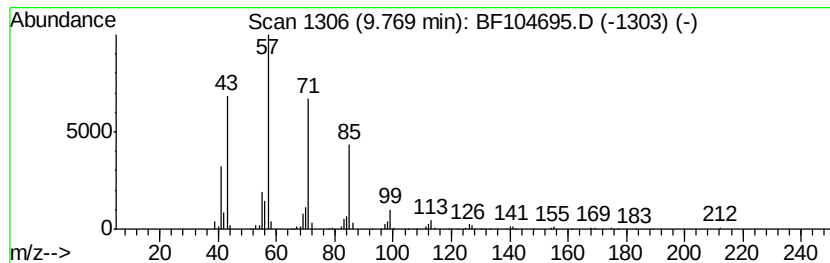
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	11.46 ng	423861	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Sample : J2453-11
Misc :
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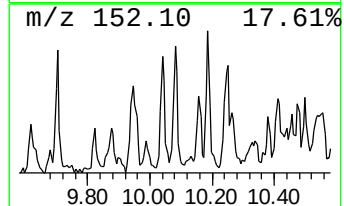
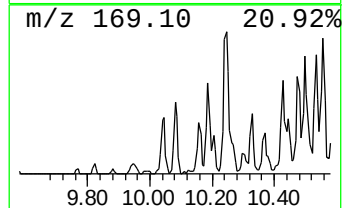
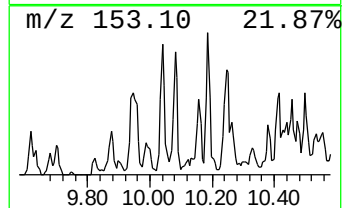
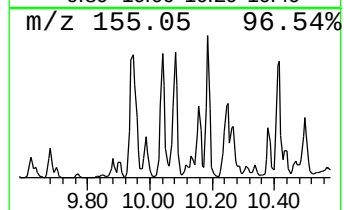
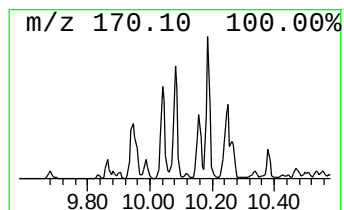
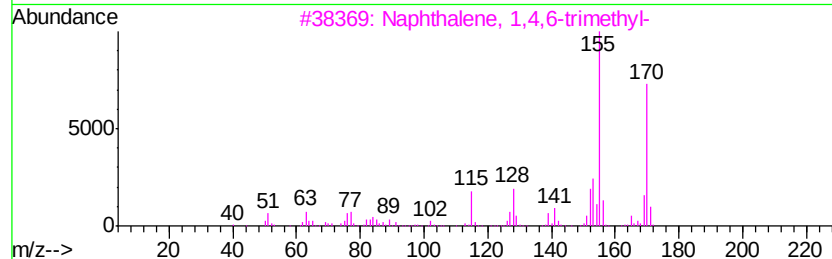
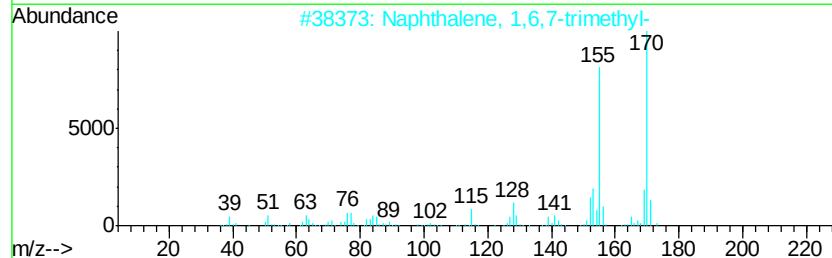
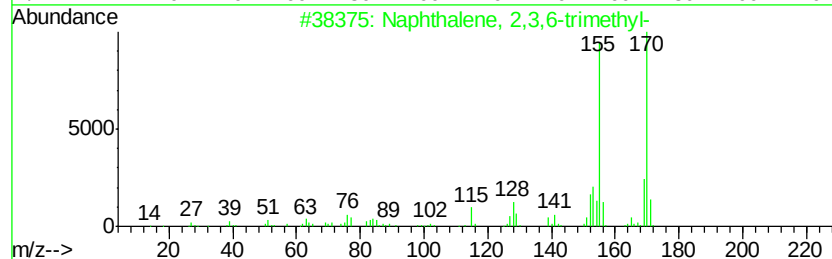
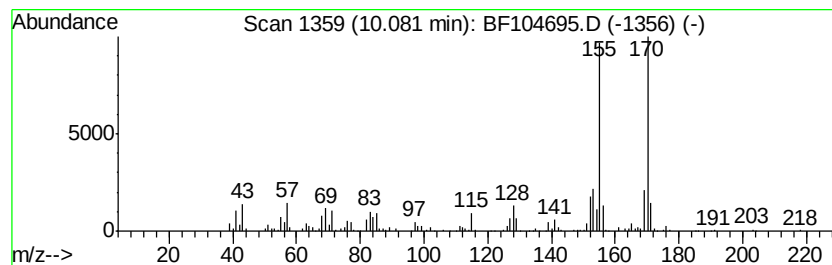
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.08	9.35 ng	345870	Acenaphthene-d10		9.84
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Sample : J2453-11
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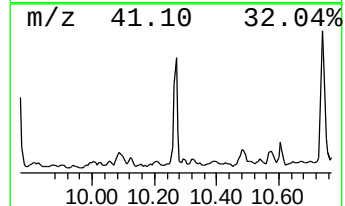
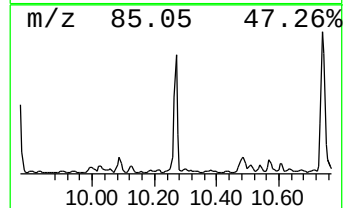
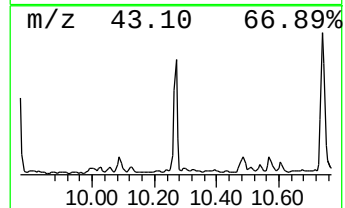
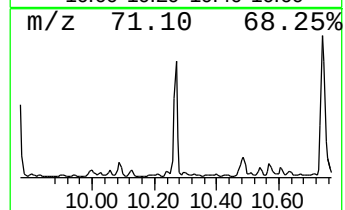
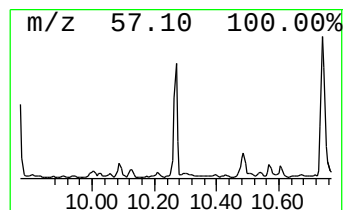
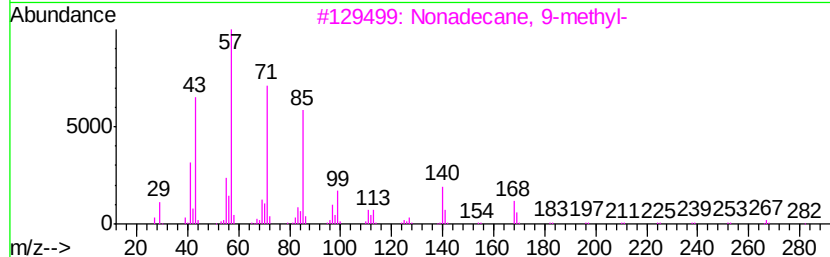
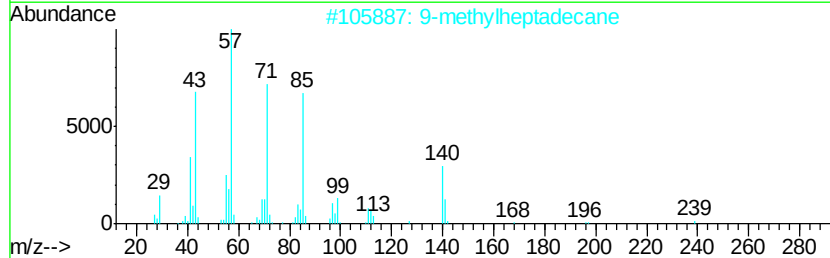
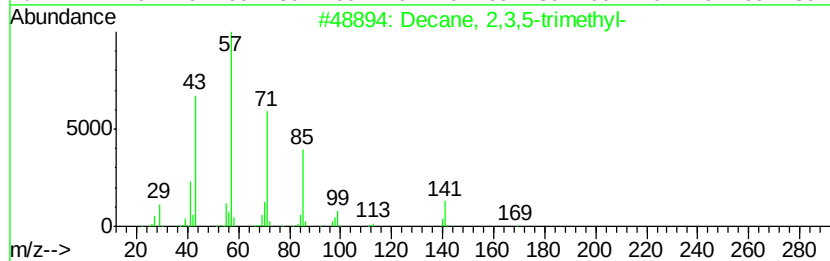
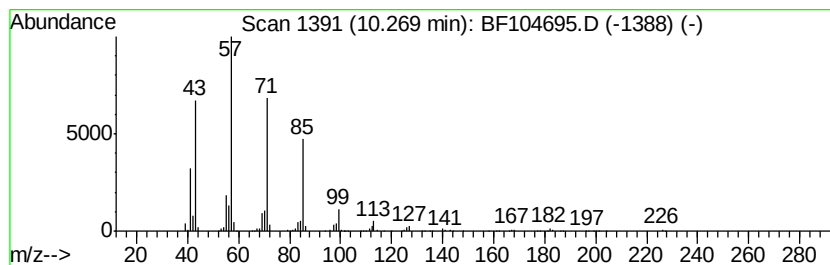
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.27	18.85 ng	697050	Acenaphthene-d10	9.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104695.D
Acq On : 21 Apr 2018 1:32
Operator : JU/SJ
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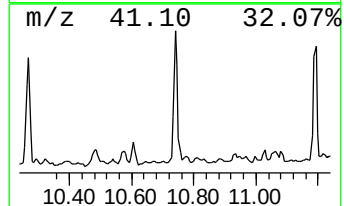
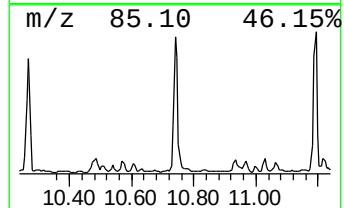
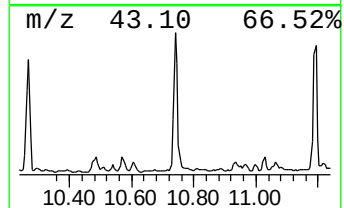
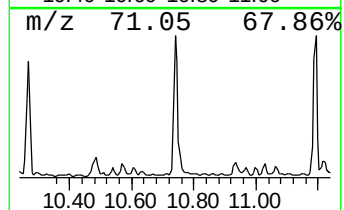
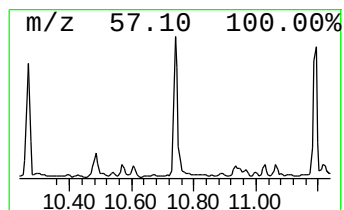
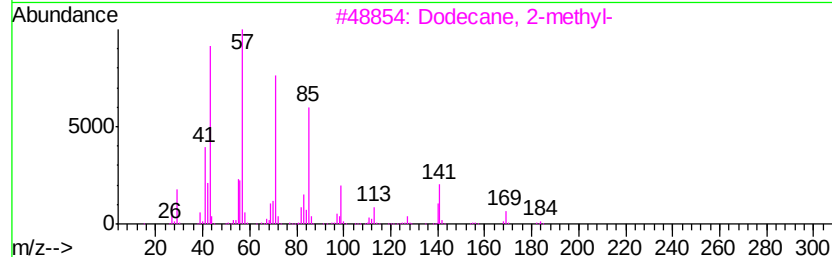
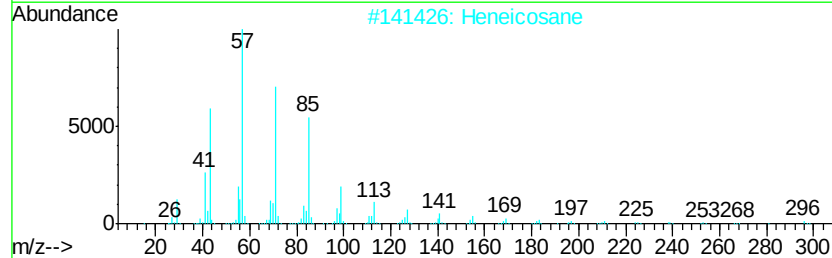
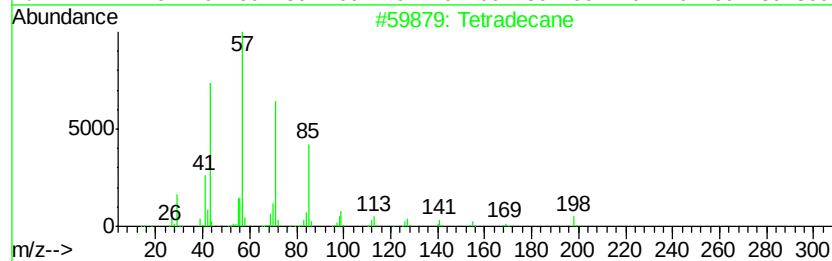
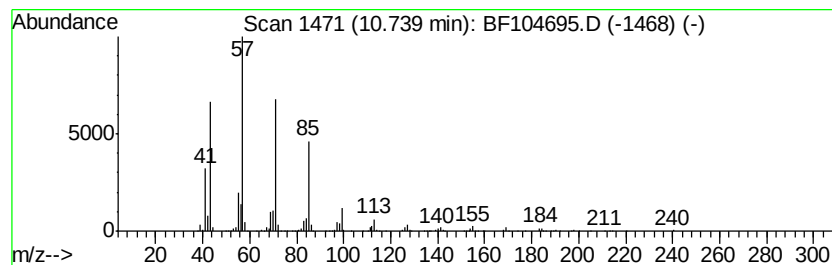
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	26.05 ng	1046700	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104695.D
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Operator : JU/SJ
Sample : J2453-11
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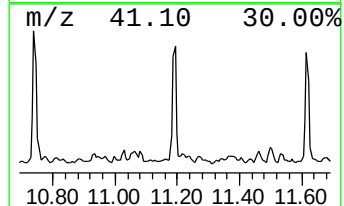
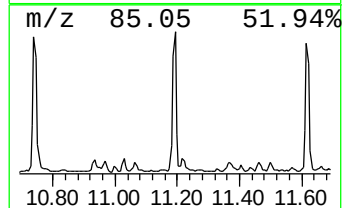
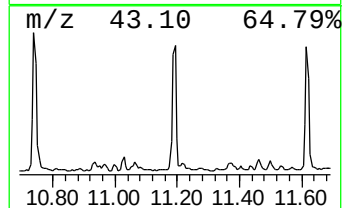
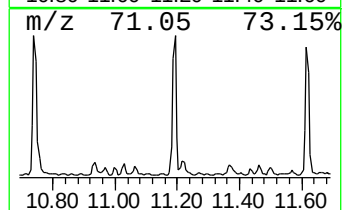
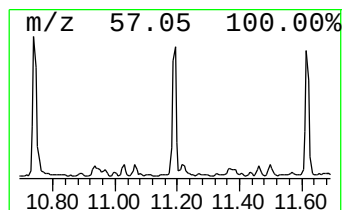
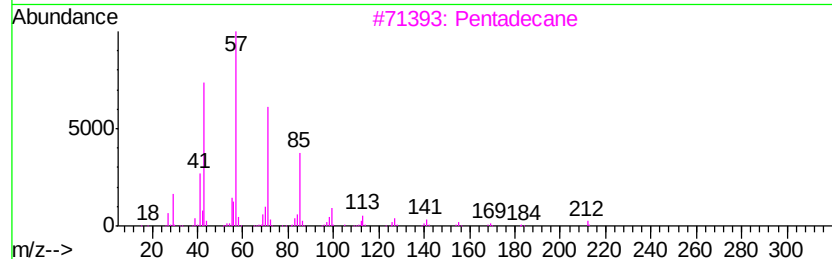
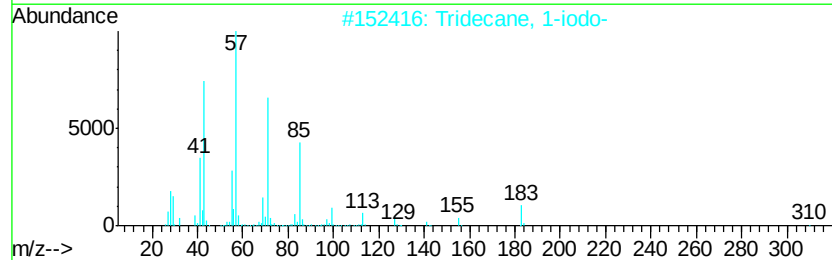
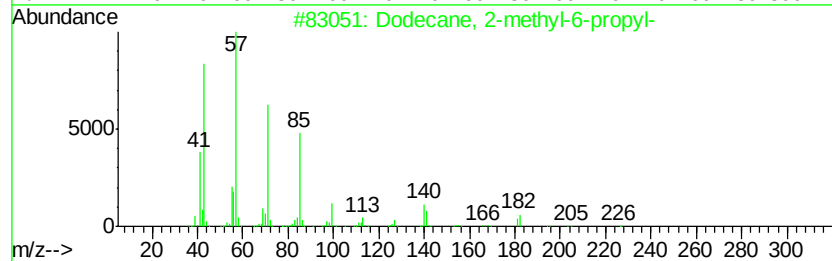
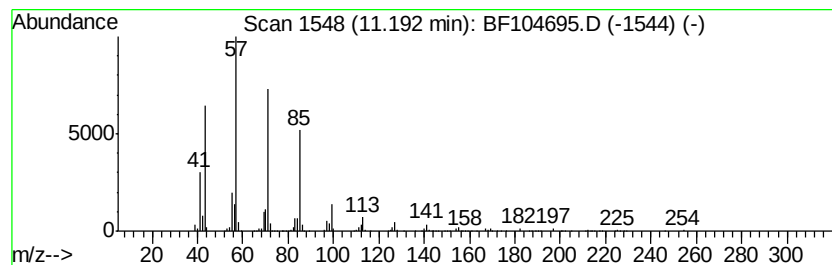
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	24.95 ng	1002630	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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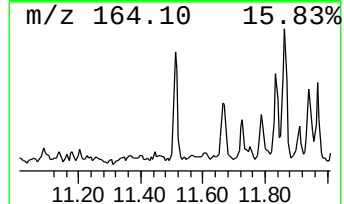
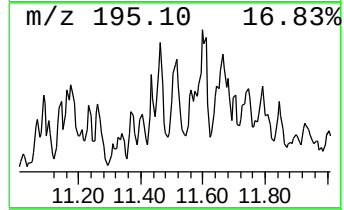
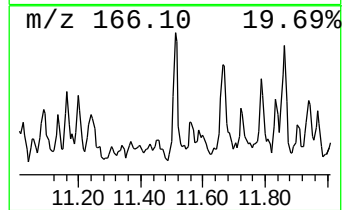
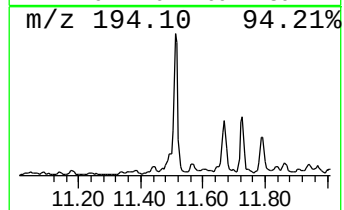
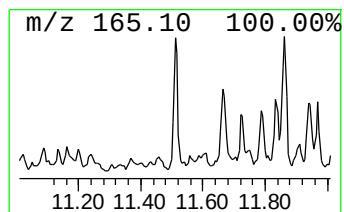
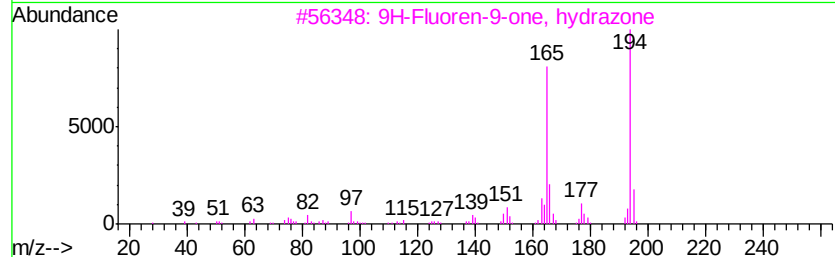
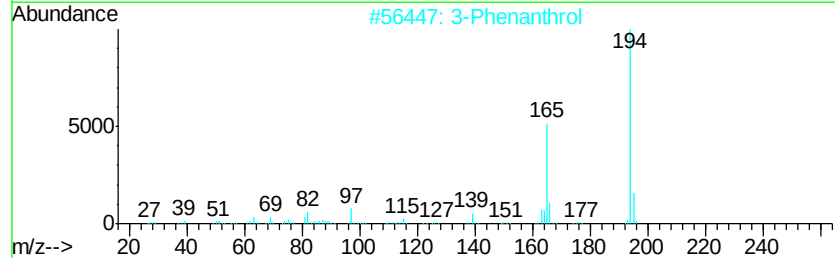
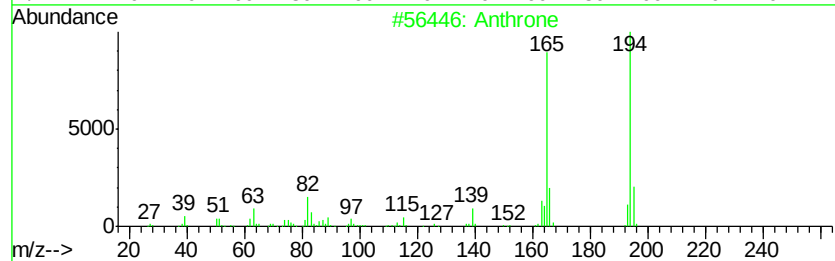
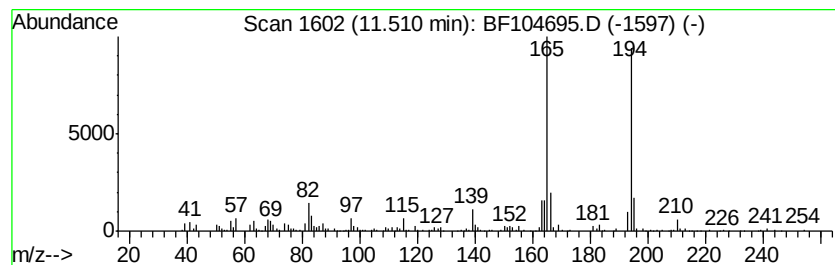
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.51	8.11 ng	325988	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	95
2	3-Phenanthrol	194	C14H10O	000605-87-8	93
3	9H-Fluoren-9-one, hvdrazone	194	C13H10N2	013629-22-6	91
4	4-Phenanthrenol	194	C14H10O	007651-86-7	91
5	2-Phenanthrenol	194	C14H10O	000605-55-0	90



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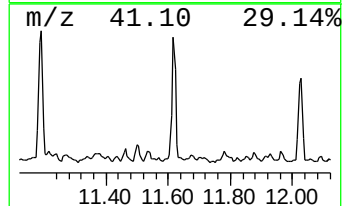
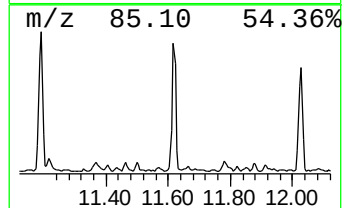
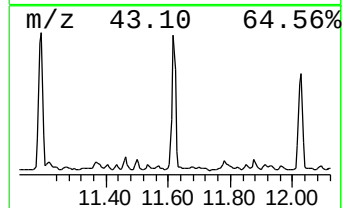
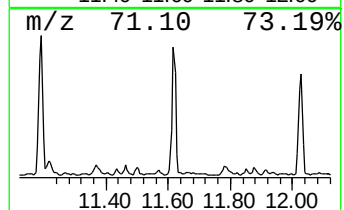
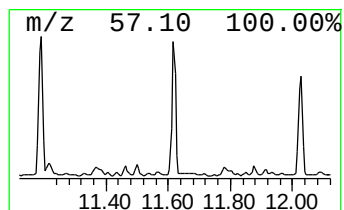
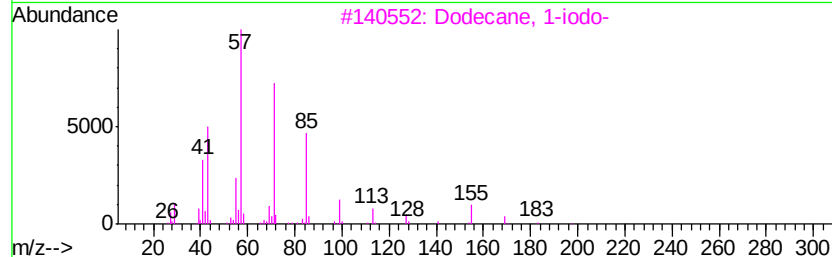
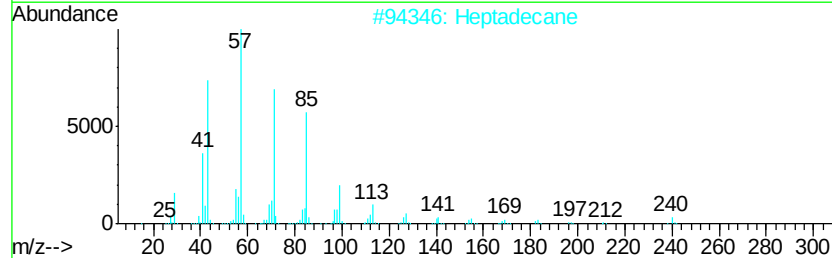
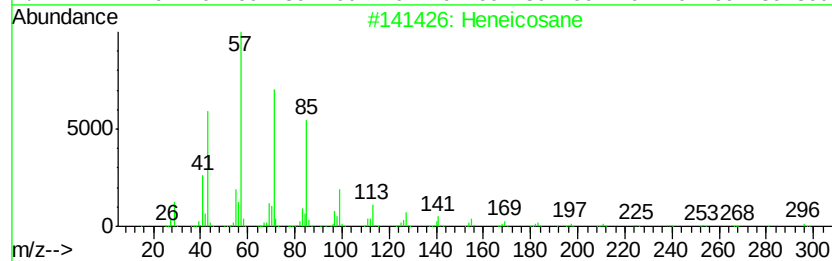
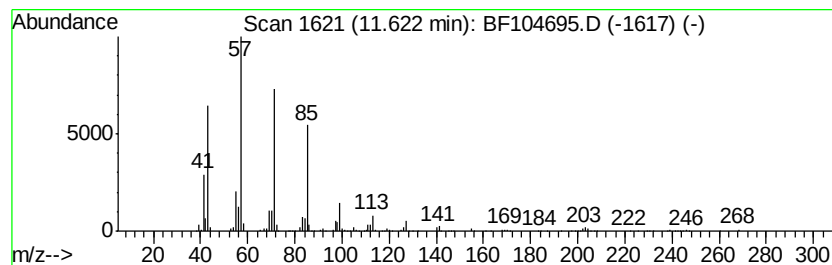
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	21.18 ng	851161	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	90
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	83
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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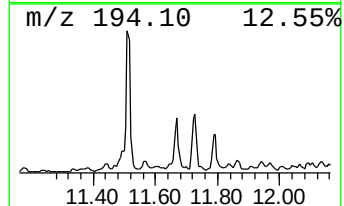
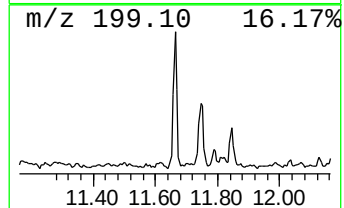
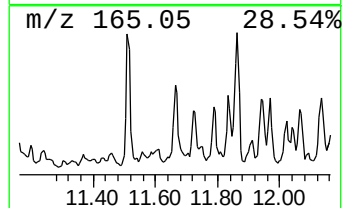
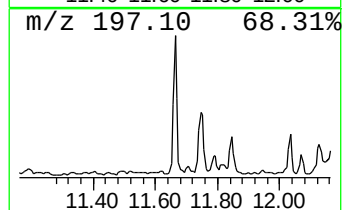
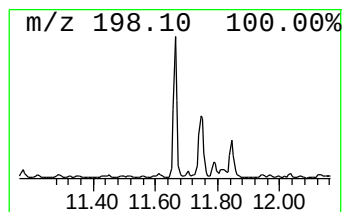
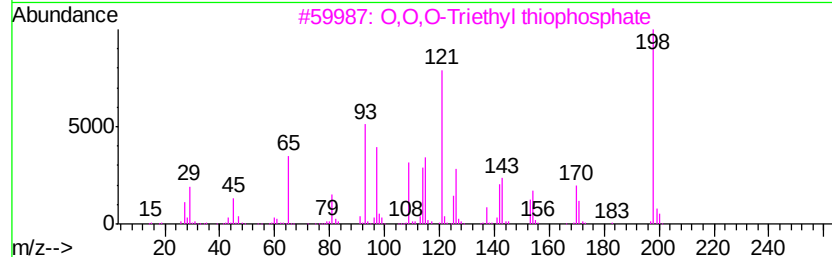
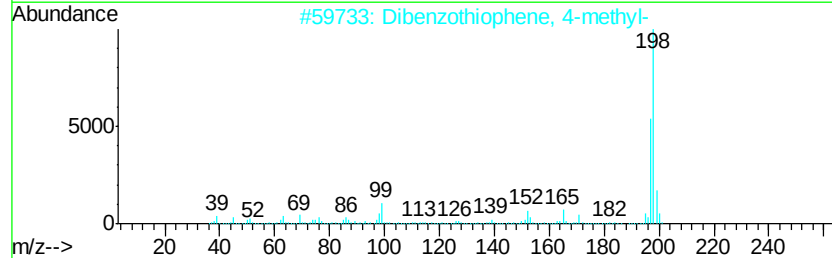
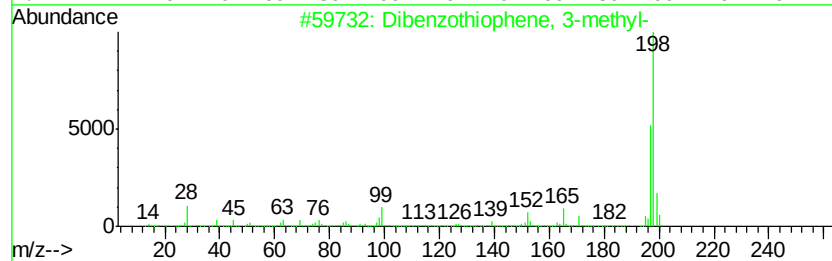
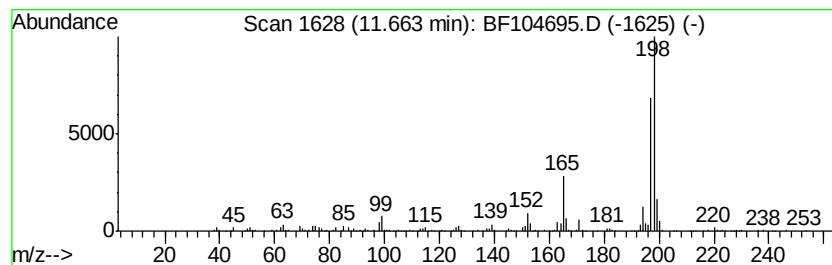
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	8.68 ng	348739	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	83
4	Thioxanthene	198	C13H10S	000261-31-4	83
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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Operator : JU/SJ
Sample : J2453-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

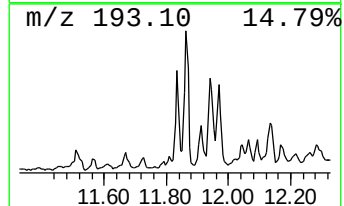
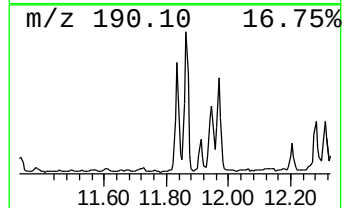
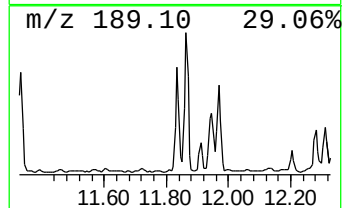
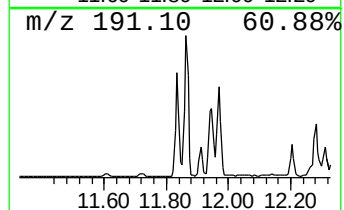
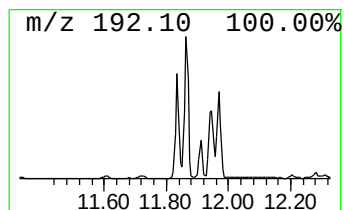
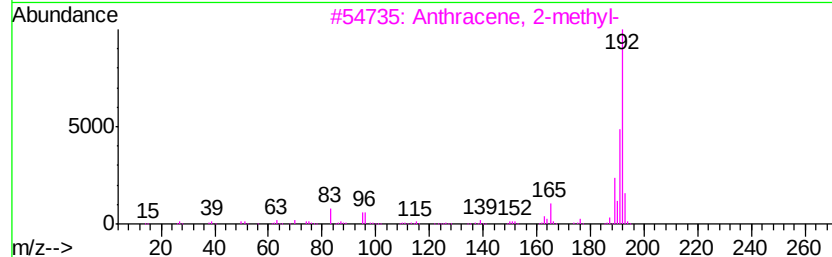
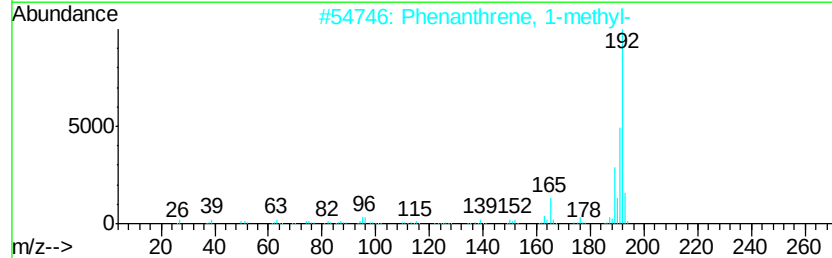
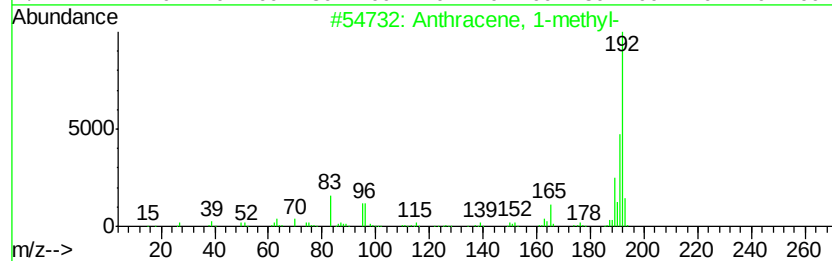
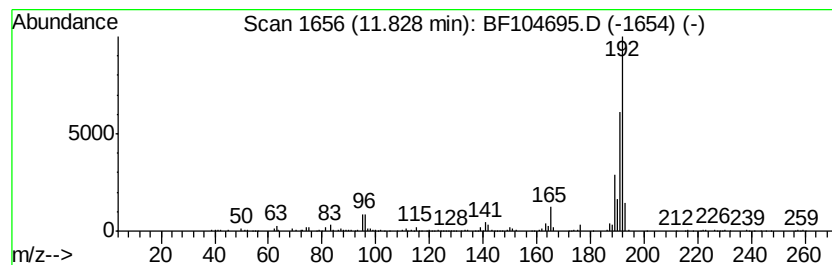
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	12.30 ng	494288	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104695.D
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T-13 0.5-1.0

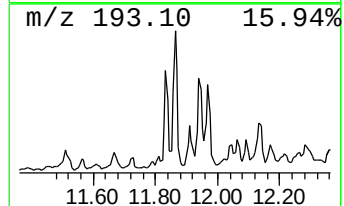
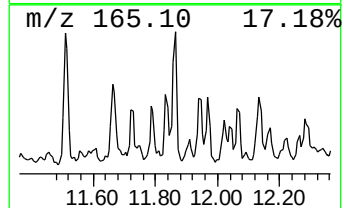
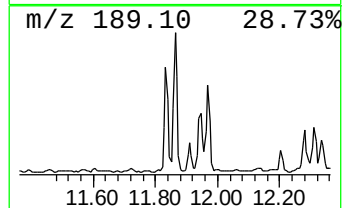
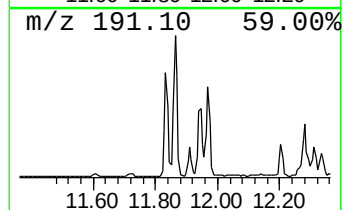
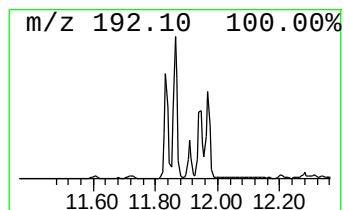
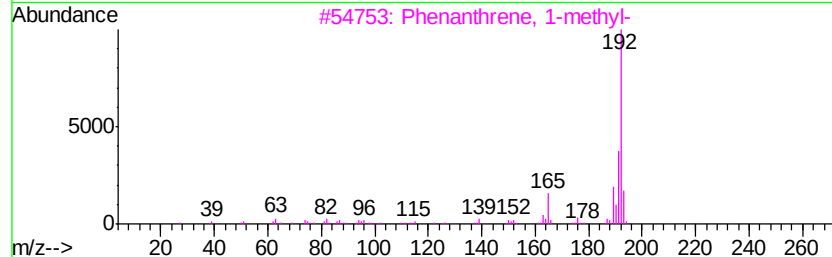
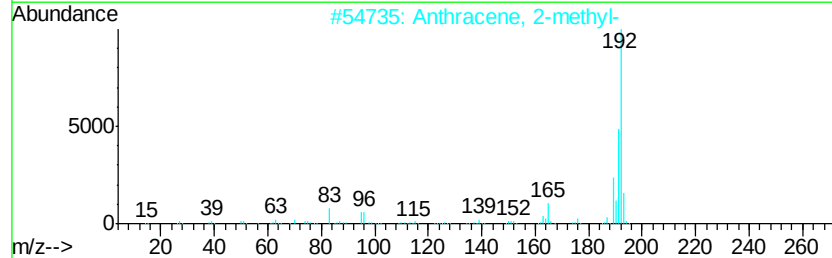
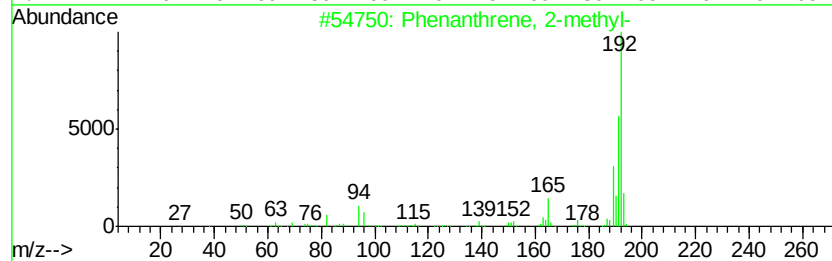
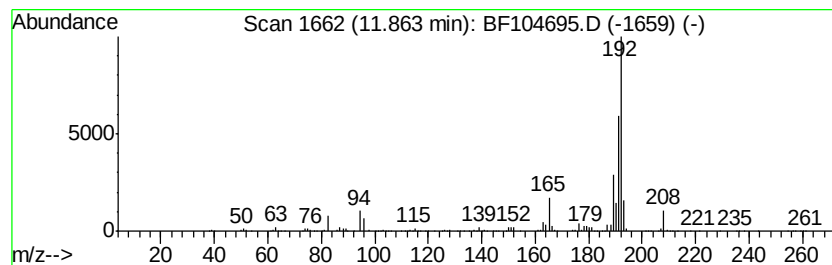
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	19.18 ng	770457	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104695.D
Acq On : 21 Apr 2018 1:32
Operator : JU/SJ
Sample : J2453-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

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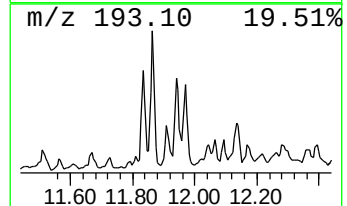
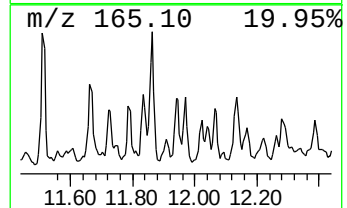
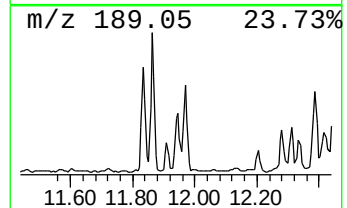
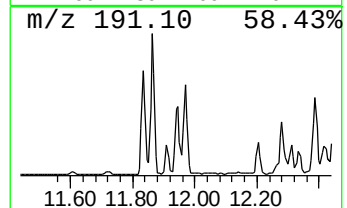
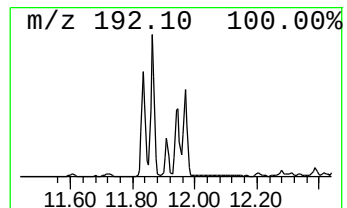
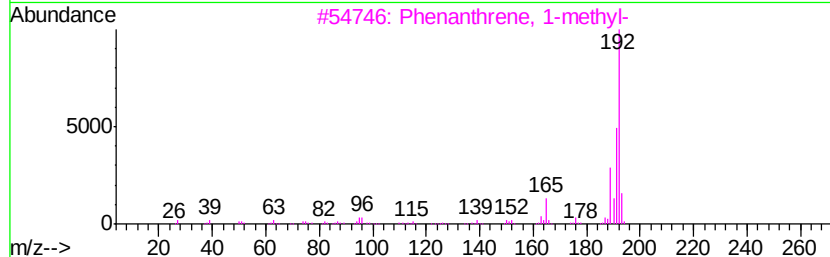
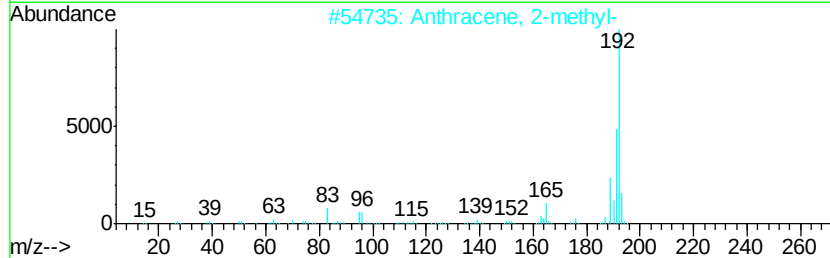
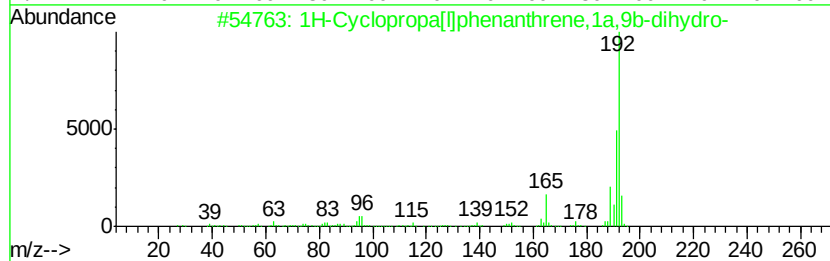
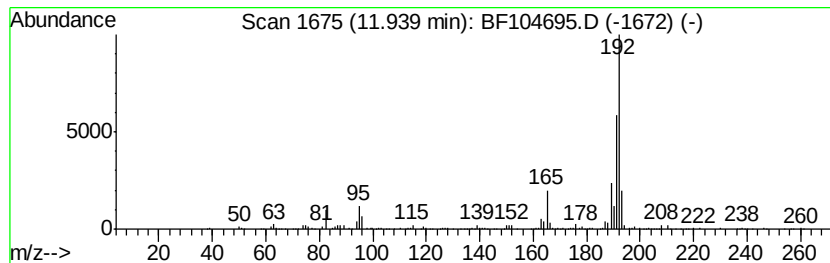
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	9.36 ng	375943	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
Data File : BF104695.D
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Operator : JU/SJ
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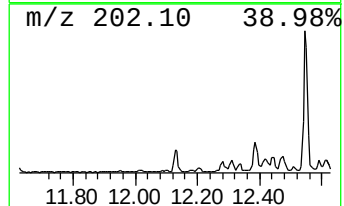
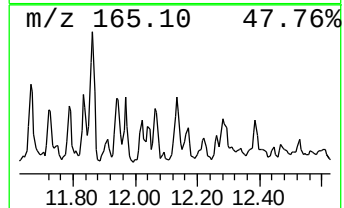
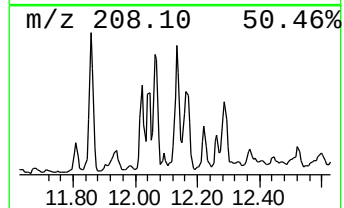
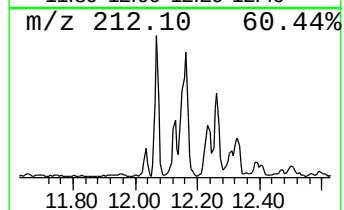
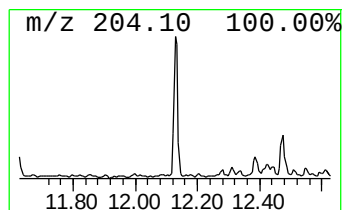
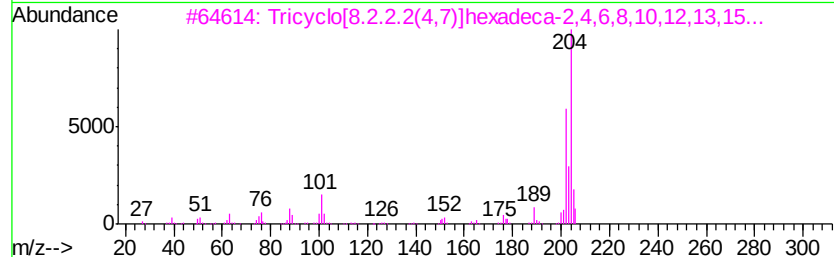
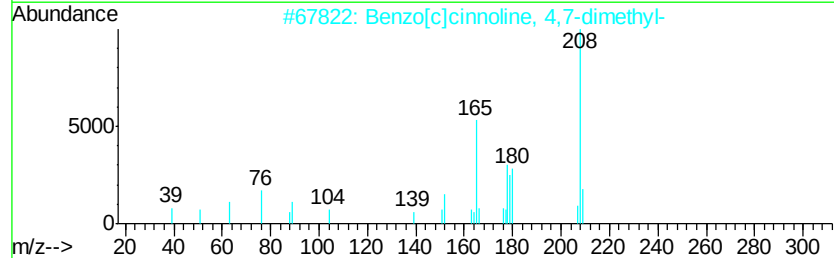
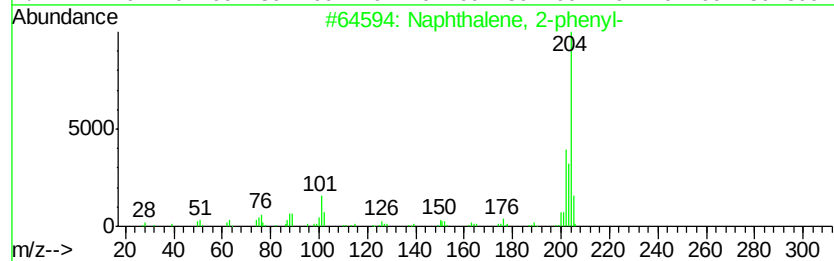
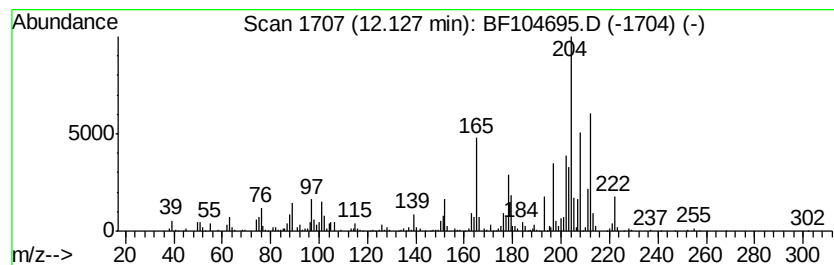
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	8.38 ng	336887	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2		Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	45
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	25
5		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104695.D
Acq On : 21 Apr 2018 1:32
Operator : JU/SJ
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ClientSampleId :
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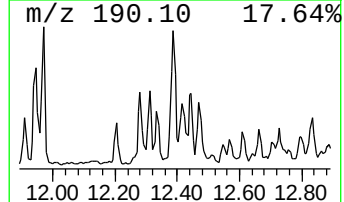
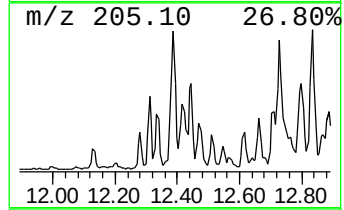
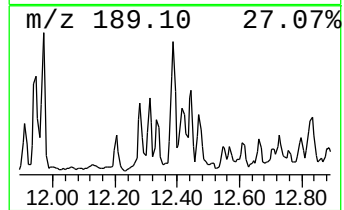
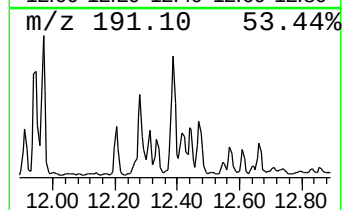
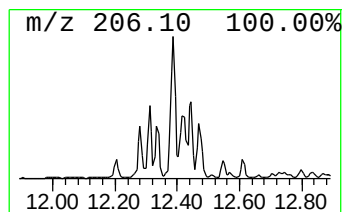
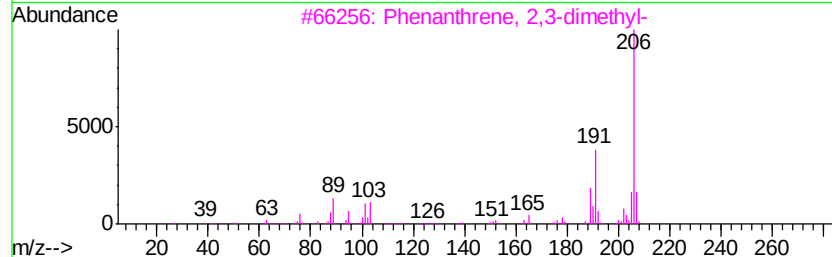
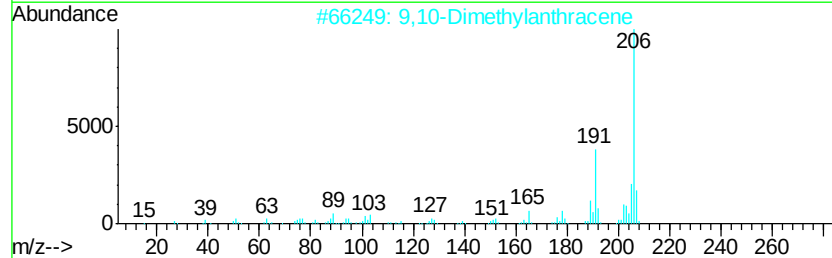
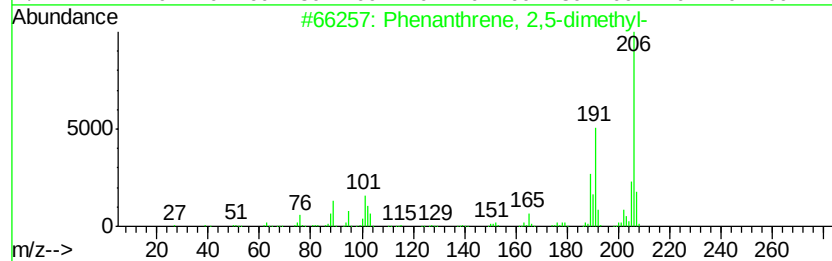
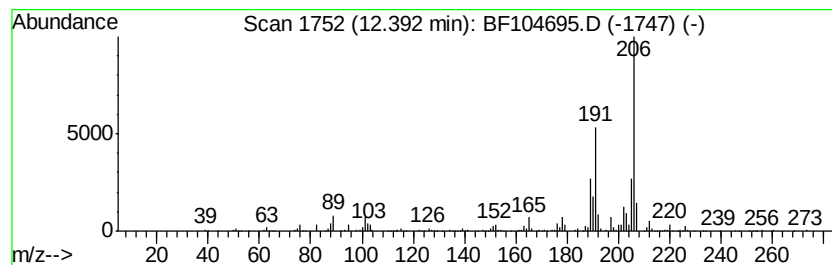
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	12.76 ng	512531	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
Data File : BF104695.D
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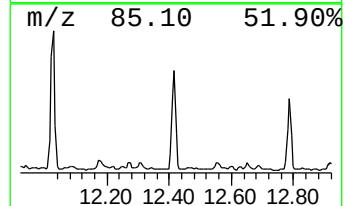
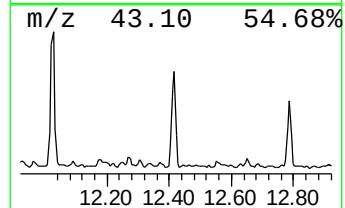
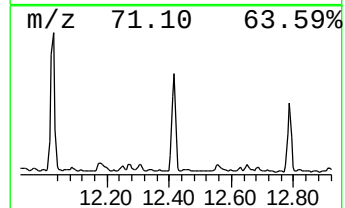
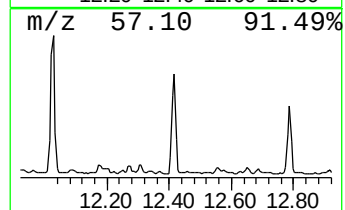
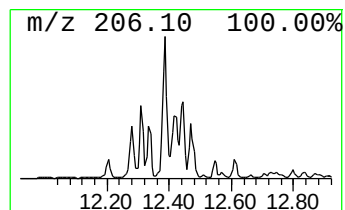
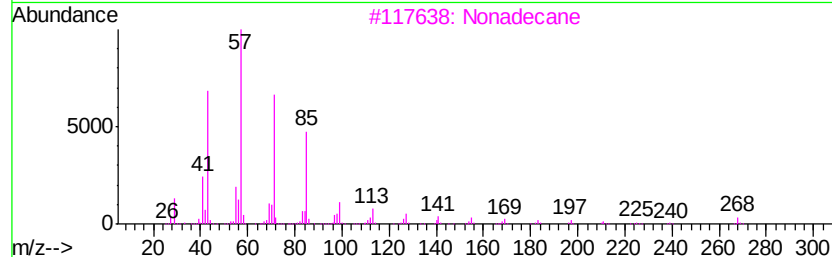
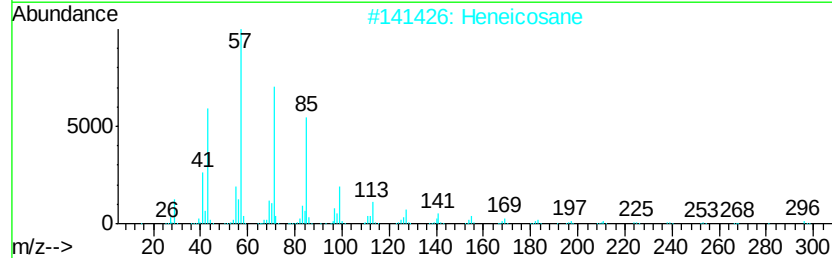
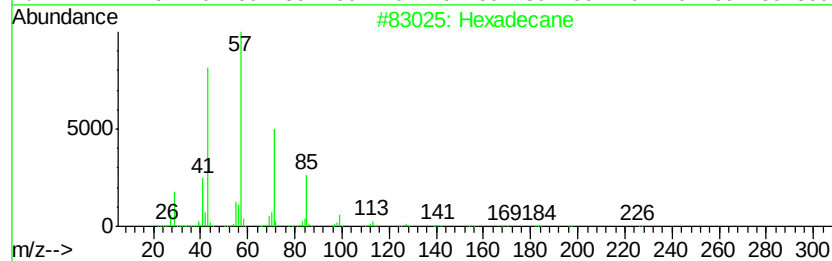
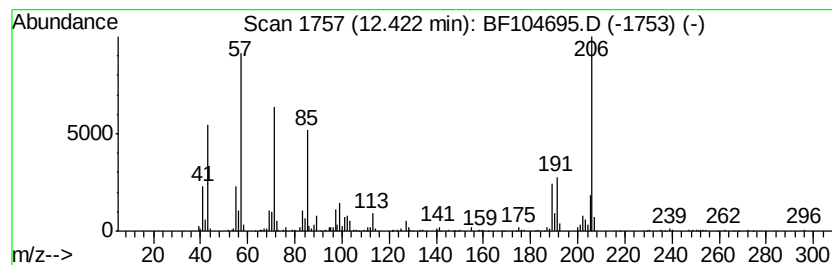
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	15.53 ng	623806	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	60
3		Nonadecane	268	C19H40	000629-92-5	53
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
 Data File : BF104695.D
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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Naphthalene, 1,6-...	9.43	8.1	ng	300833	3	9.84	739697	20.0
Pentadecane	9.77	11.5	ng	423861	3	9.84	739697	20.0
Naphthalene, 2,3,...	10.08	9.3	ng	345870	3	9.84	739697	20.0
Decane, 2,3,5-tri...	10.27	18.9	ng	697050	3	9.84	739697	20.0
Tetradecane	10.74	26.1	ng	1046700	4	11.33	803603	20.0
Dodecane, 2-methy...	11.19	24.9	ng	1002630	4	11.33	803603	20.0
Anthrone	11.51	8.1	ng	325988	4	11.33	803603	20.0
Heneicosane	11.62	21.2	ng	851161	4	11.33	803603	20.0
Dibenzothiophene,...	11.66	8.7	ng	348739	4	11.33	803603	20.0
Anthracene, 1-met...	11.83	12.3	ng	494288	4	11.33	803603	20.0
Phenanthrene, 2-m...	11.86	19.2	ng	770457	4	11.33	803603	20.0
1H-Cyclopropa[l]p...	11.94	9.4	ng	375943	4	11.33	803603	20.0
Naphthalene, 2-ph...	12.13	8.4	ng	336887	4	11.33	803603	20.0
Phenanthrene, 2,5...	12.39	12.8	ng	512531	4	11.33	803603	20.0
Hexadecane	12.42	15.5	ng	623806	4	11.33	803603	20.0