

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113463.D
 Acq On : 1 Apr 2019 13:40
 Operator : JU/SJ
 Sample : K2115-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GW

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-BF032519.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	3.663	258	268	274	rBV	3003309	5032864	7.25%	1.153%
2	5.192	519	528	530	rBV	7859704	14730020	21.21%	3.374%
3	5.222	530	533	539	rVV2	488753	733433	1.06%	0.168%
4	5.316	539	549	552	rVV	7695531	14877921	21.43%	3.408%
5	5.345	552	554	557	rVV	923232	1064069	1.53%	0.244%
6	5.563	583	591	594	rBV	7423745	11098403	15.98%	2.542%
7	5.875	639	644	651	rBV	1853146	1763392	2.54%	0.404%
8	6.239	701	706	708	rVV	2584389	2837143	4.09%	0.650%
9	6.269	708	711	715	rVV	2742136	2603644	3.75%	0.596%
10	6.316	715	719	724	rVB	4175415	4426854	6.38%	1.014%
11	6.375	724	729	730	rBV	1040777	981530	1.41%	0.225%
12	6.398	730	733	736	rVV	1617730	1898516	2.73%	0.435%
13	6.498	744	750	754	rBV	1547604	2390768	3.44%	0.548%
14	6.569	754	762	763	rVV	7305744	14013136	20.18%	3.210%
15	6.592	765	766	769	rVB	8024431	5778196	8.32%	1.324%
16	6.781	790	798	801	rVV	2714977	3774306	5.44%	0.865%
17	6.828	801	806	810	rVB	504843	857853	1.24%	0.197%
18	6.922	810	822	825	rBV	8722978	22449258	32.33%	5.143%
19	6.986	828	833	836	rBV	7218258	10043483	14.46%	2.301%
20	7.039	839	842	845	rBV	950477	817231	1.18%	0.187%
21	7.145	852	860	864	rBV3	727912	1417706	2.04%	0.325%
22	7.251	874	878	880	rBV	864904	856974	1.23%	0.196%
23	7.281	880	883	893	rVB	2565188	3403694	4.90%	0.780%
24	7.369	893	898	902	rBV	3853443	4863011	7.00%	1.114%
25	7.433	902	909	911	rBV	6539647	11737027	16.90%	2.689%
26	7.451	911	912	916	rVB	3348937	2104863	3.03%	0.482%
27	7.675	939	950	953	rVV	2237864	4207677	6.06%	0.964%
28	7.710	953	956	957	rVV	778977	996605	1.44%	0.228%
29	7.745	957	962	967	rVV3	3203624	6763262	9.74%	1.549%
30	7.798	967	971	979	rVV3	1201918	3414395	4.92%	0.782%
31	7.863	979	982	985	rVB	1285635	1304340	1.88%	0.299%
32	8.133	1000	1028	1029	rBV	9573829	69438896	100.00%	15.907%
33	8.151	1029	1031	1033	rVV	7940000	5755966	8.29%	1.319%
34	8.186	1035	1037	1040	rVV	1395344	1263056	1.82%	0.289%

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35	8.239	1043	1046	1050	rBV2	626012	836005	1.20%	0.192%
36	8.369	1063	1068	1075	rVB2	1279207	1807136	2.60%	0.414%
37	8.469	1082	1085	1088	rBV2	1598052	1189208	1.71%	0.272%
38	8.604	1106	1108	1110	rVV2	1167096	886120	1.28%	0.203%
39	8.663	1114	1118	1121	rVV2	1537605	1732003	2.49%	0.397%
40	8.728	1121	1129	1132	rVV	7586145	12561742	18.09%	2.878%
41	8.763	1132	1135	1138	rVV2	1570675	1682986	2.42%	0.386%
42	8.828	1138	1146	1148	rVB	7453035	12154242	17.50%	2.784%
43	8.886	1152	1156	1163	rVB3	449678	832282	1.20%	0.191%
44	9.069	1182	1187	1190	rVB	3389605	3238381	4.66%	0.742%
45	9.169	1199	1204	1209	rVB	4000241	3738676	5.38%	0.856%
46	9.263	1217	1220	1225	rVB	1258974	1633297	2.35%	0.374%
47	9.327	1225	1231	1236	rBV3	1959988	3319504	4.78%	0.760%
48	9.404	1240	1244	1246	rBV	2093456	2089438	3.01%	0.479%
49	9.427	1246	1248	1252	rVB	1718376	1550326	2.23%	0.355%
50	9.522	1261	1264	1269	rVB	945380	1119232	1.61%	0.256%
51	9.598	1275	1277	1282	rVB	1242616	1166891	1.68%	0.267%
52	9.727	1294	1299	1300	rBV3	1005749	1459426	2.10%	0.334%
53	9.739	1300	1301	1304	rVB2	1240461	832992	1.20%	0.191%
54	9.786	1304	1309	1311	rVB	6061022	7296222	10.51%	1.671%
55	9.822	1311	1315	1317	rBV	3589656	3562354	5.13%	0.816%
56	9.851	1317	1320	1324	rVB	3835769	3742837	5.39%	0.857%
57	9.898	1324	1328	1331	rBV2	2444891	2759906	3.97%	0.632%
58	9.957	1332	1338	1341	rBV	4331736	4864078	7.00%	1.114%
59	10.051	1348	1354	1358	rBV4	377919	874725	1.26%	0.200%
60	10.257	1383	1389	1391	rBV3	588411	791486	1.14%	0.181%
61	10.286	1391	1394	1400	rVB2	3049319	3101068	4.47%	0.710%
62	10.351	1400	1405	1407	rBV2	1246138	1675280	2.41%	0.384%
63	10.374	1407	1409	1413	rVV	2120578	2373953	3.42%	0.544%
64	10.422	1413	1417	1424	rVB5	1352284	2346499	3.38%	0.538%
65	10.527	1428	1435	1440	rBV4	2116305	3237196	4.66%	0.742%
66	10.716	1462	1467	1469	rBV2	646314	838397	1.21%	0.192%
67	10.774	1474	1477	1482	rBV2	1448761	1770219	2.55%	0.406%
68	10.827	1482	1486	1491	rBV2	2526934	4929106	7.10%	1.129%
69	10.874	1491	1494	1497	rBV	1605702	1908562	2.75%	0.437%
70	10.945	1503	1506	1512	rVB	1291809	1948265	2.81%	0.446%
71	11.069	1522	1527	1529	rVV	603180	931172	1.34%	0.213%

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72	11.116	1532	1535	1538	rVB	2469955	2197360	3.16%	0.503%
73	11.174	1541	1545	1549	rVV2	1693481	2253501	3.25%	0.516%
74	11.216	1549	1552	1555	rVV3	4926434	6139013	8.84%	1.406%
75	11.245	1555	1557	1560	rVV2	2987135	3469748	5.00%	0.795%
76	11.274	1560	1562	1567	rVB2	3284579	3969415	5.72%	0.909%
77	11.321	1567	1570	1573	rBV	1002764	926975	1.33%	0.212%
78	11.374	1576	1579	1584	rVB4	408851	712860	1.03%	0.163%
79	11.451	1587	1592	1600	rVB4	3483445	5981837	8.61%	1.370%
80	11.527	1600	1605	1608	rBV2	2363062	2959961	4.26%	0.678%
81	11.569	1608	1612	1615	rBV	3263906	3613523	5.20%	0.828%
82	11.616	1615	1620	1624	rVV2	2155224	2912662	4.19%	0.667%
83	11.669	1626	1629	1635	rVV3	844865	1358173	1.96%	0.311%
84	11.721	1635	1638	1641	rVB	1699656	1594670	2.30%	0.365%
85	11.763	1641	1645	1646	rBV	1888550	2341426	3.37%	0.536%
86	11.816	1646	1654	1660	rVV3	5386765	16708703	24.06%	3.828%
87	11.857	1660	1661	1667	rVB6	1147001	1403749	2.02%	0.322%
88	11.910	1667	1670	1672	rBV	867329	862136	1.24%	0.197%
89	11.963	1676	1679	1685	rBV3	2213308	2595028	3.74%	0.594%
90	12.480	1760	1767	1770	rBV4	517496	1288513	1.86%	0.295%
91	12.586	1774	1785	1791	rVV	5931001	15496062	22.32%	3.550%
92	12.798	1817	1821	1826	rVB	2570327	2410299	3.47%	0.552%
93	13.004	1850	1856	1857	rBV	1886493	2674136	3.85%	0.613%
94	13.851	1996	2000	2005	rBV	948596	948193	1.37%	0.217%
95	14.315	2075	2079	2087	rVB	1155254	1245204	1.79%	0.285%
96	14.609	2125	2129	2133	rBV	1622621	1572677	2.26%	0.360%
97	14.921	2177	2182	2188	rVB	1592781	1772471	2.55%	0.406%
98	15.268	2234	2241	2252	rVB2	1377855	2663249	3.84%	0.610%
99	15.668	2303	2309	2319	rVB	862537	1283462	1.85%	0.294%
100	16.127	2381	2387	2395	rVB	410462	701728	1.01%	0.161%

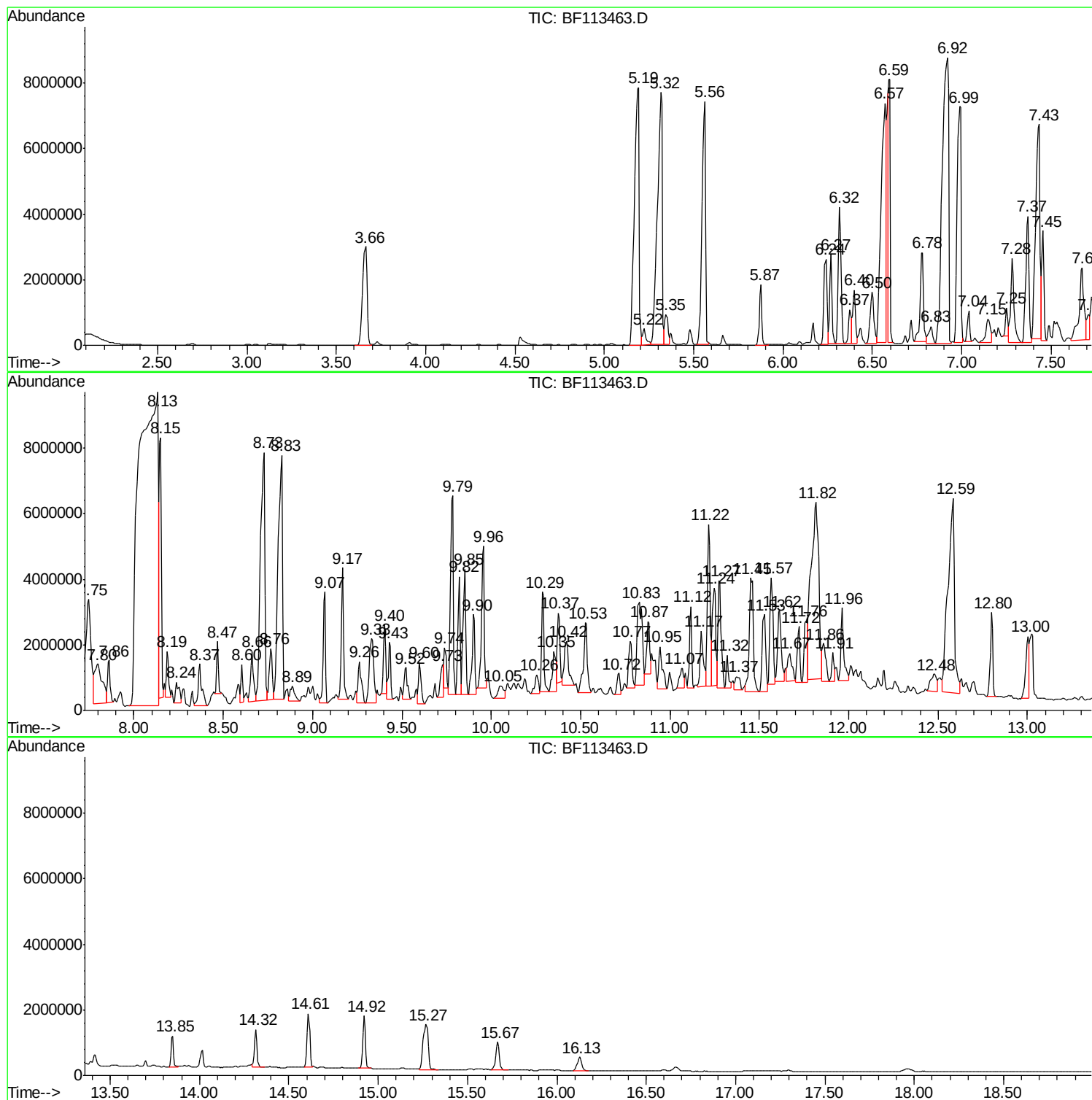
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Instrument :
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ClientSampleId :
QNWP8-MW30D-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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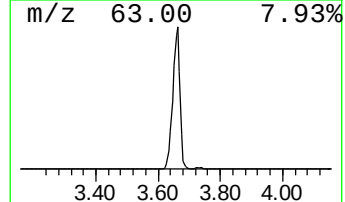
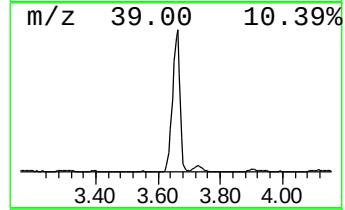
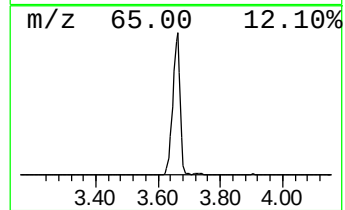
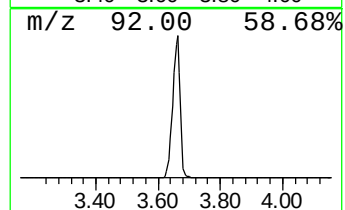
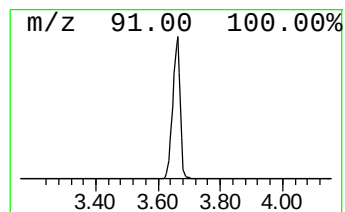
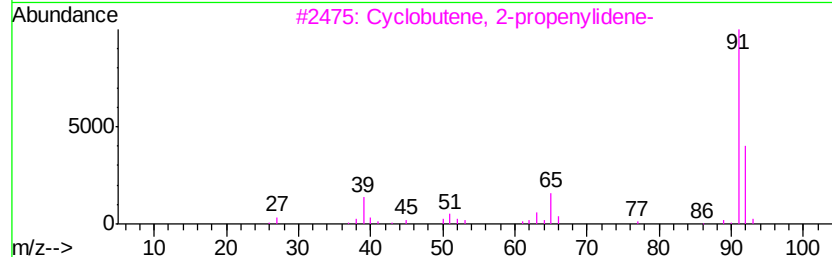
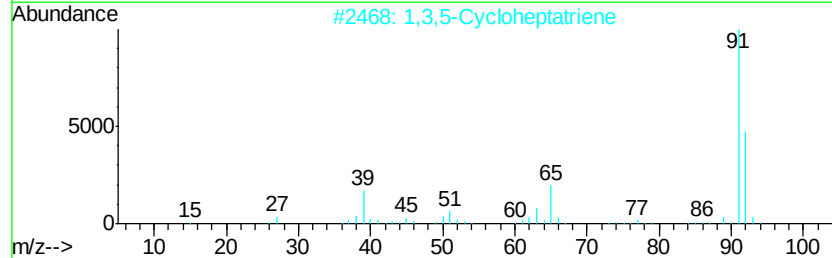
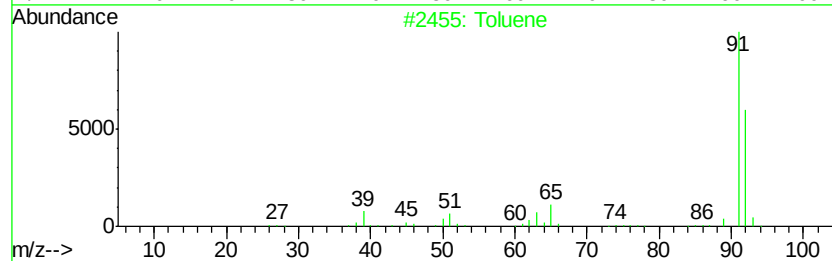
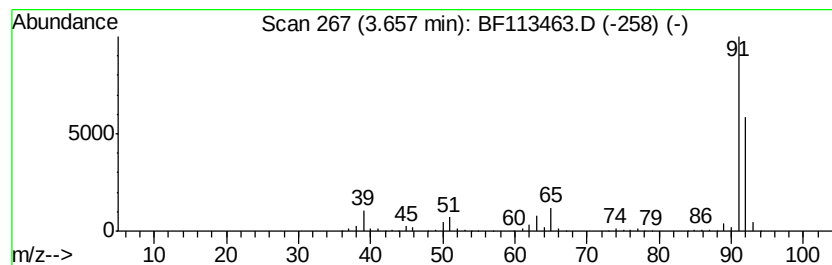
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	26.67 ng	5032860	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
4			2,5-Norbornadiene	92	C7H8	000121-46-0	64
5			Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	64



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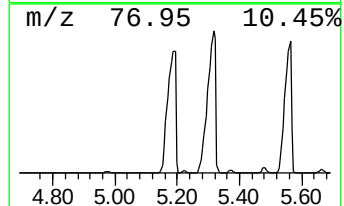
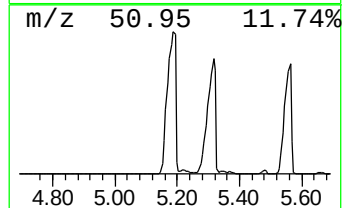
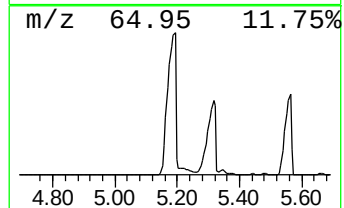
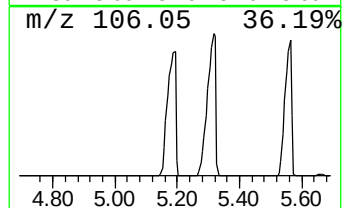
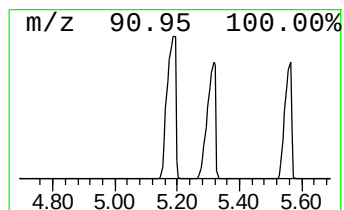
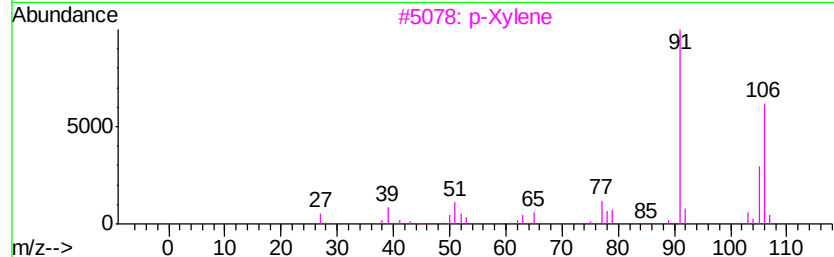
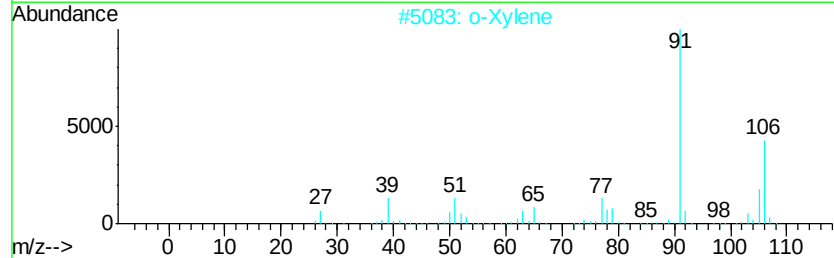
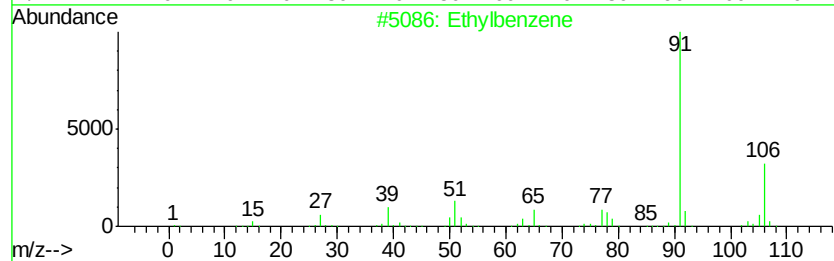
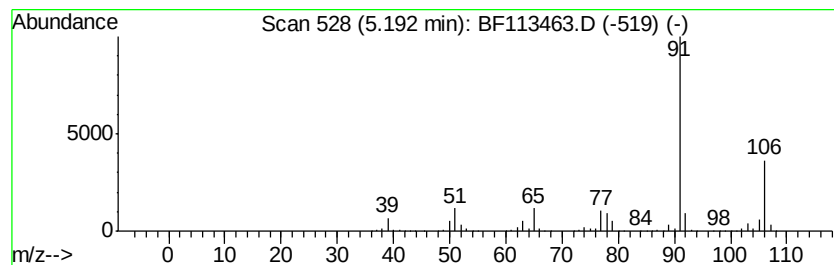
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	78.05 ng	14730000	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	94
2		o-Xylene	106	C8H10	000095-47-6	80
3		p-Xylene	106	C8H10	000106-42-3	80
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64



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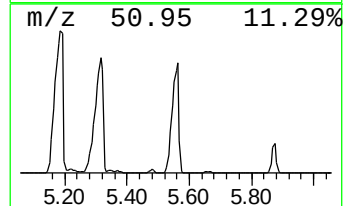
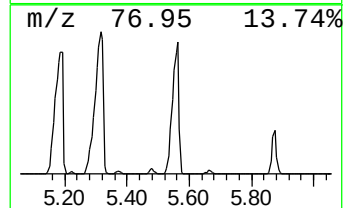
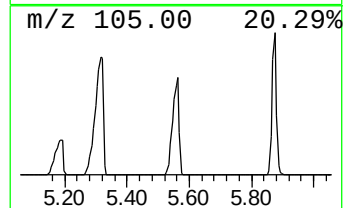
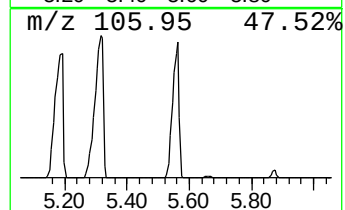
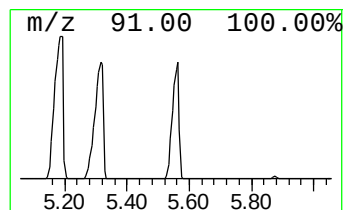
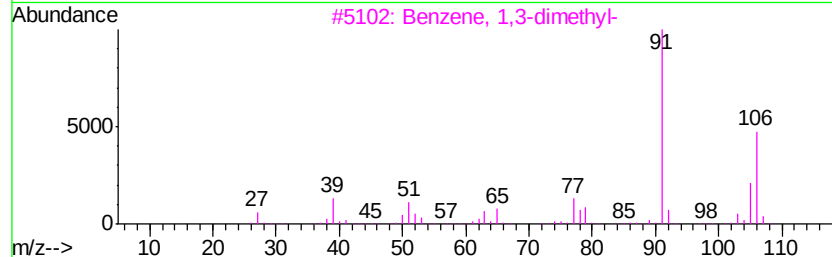
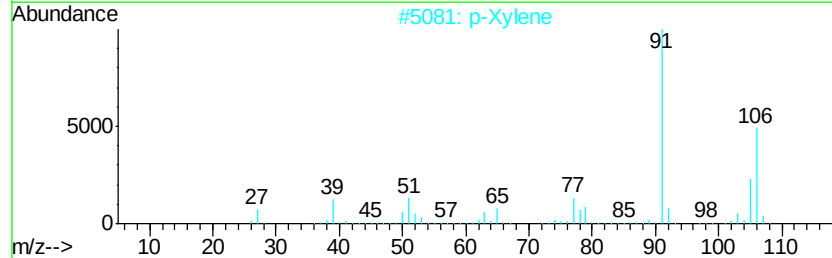
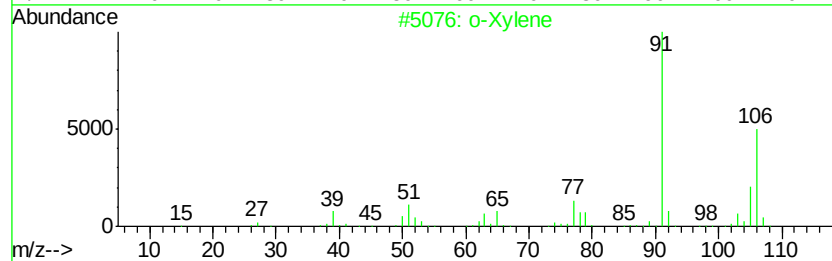
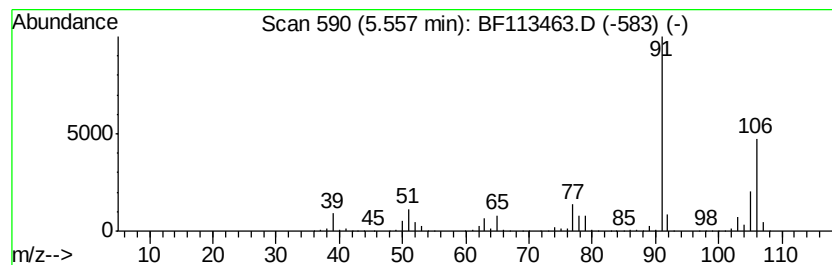
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	58.81 ng	11098400	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87



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Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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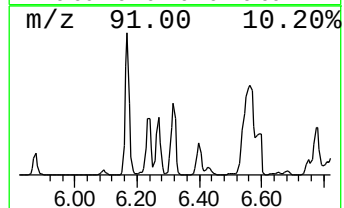
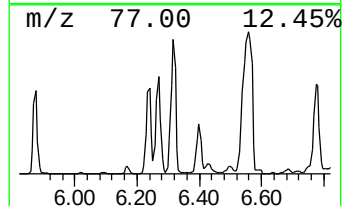
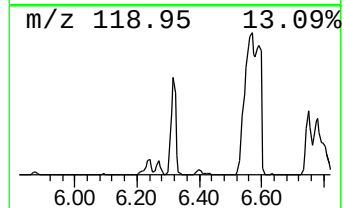
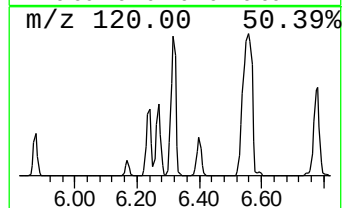
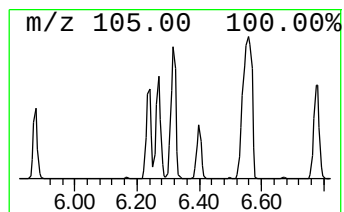
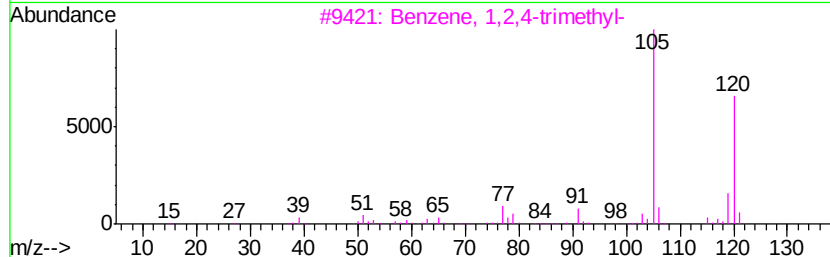
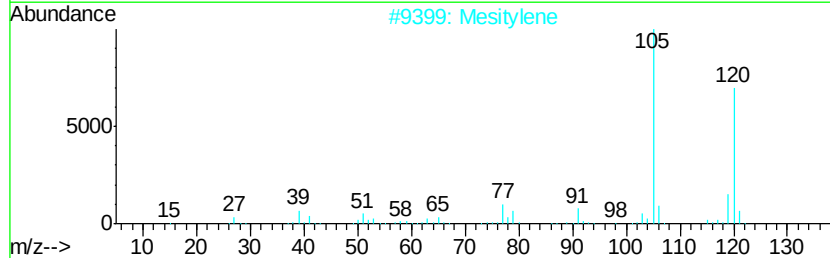
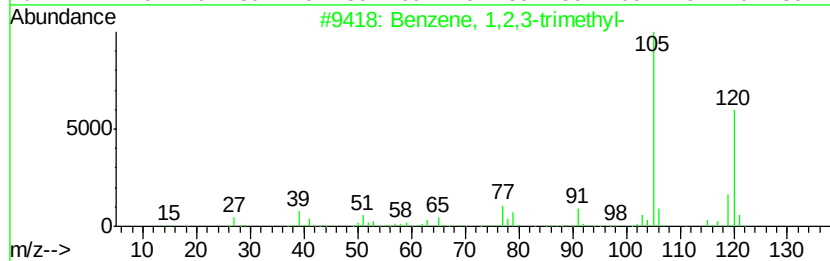
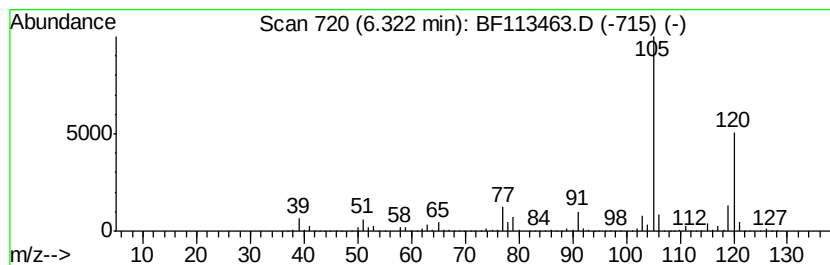
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	23.46 ng	4426850	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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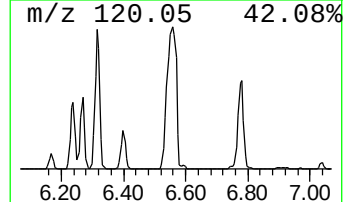
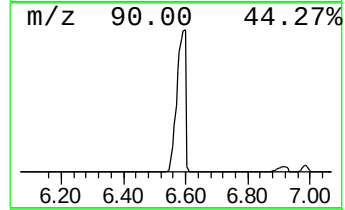
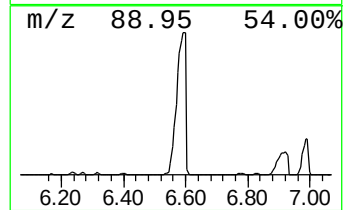
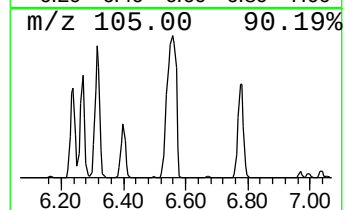
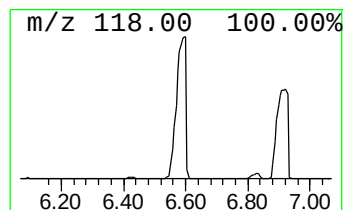
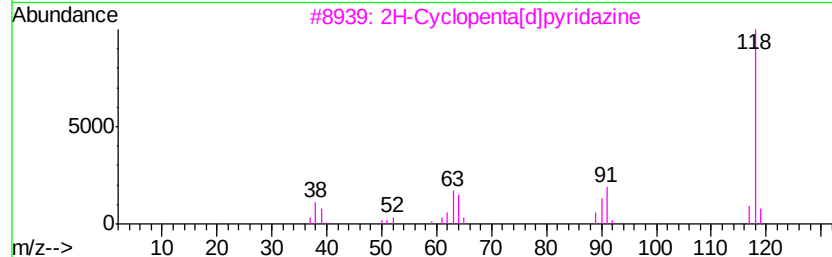
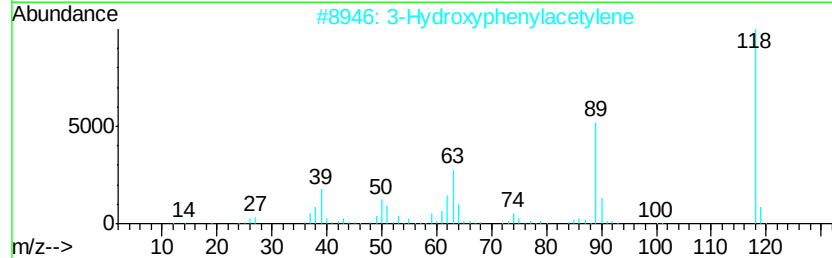
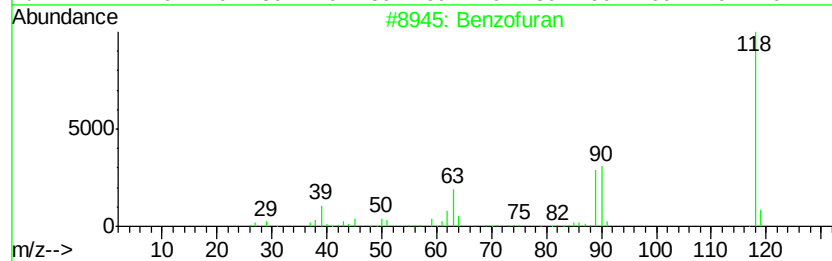
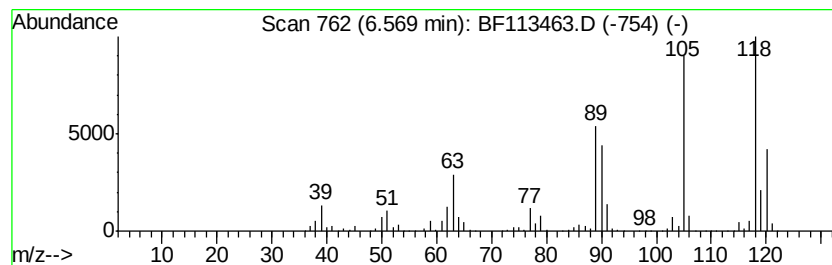
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Hydroxyphenylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	74.26 ng	14013100	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	70
2		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	53
3		2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	43
4		3-Chlorothiophene	118	C4H3ClS	017249-80-8	27
5		2,4-Nonadiyne	120	C9H12	063621-15-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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Acq On : 1 Apr 2019 13:40
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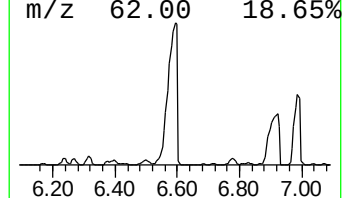
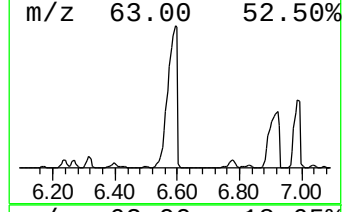
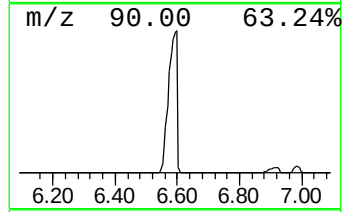
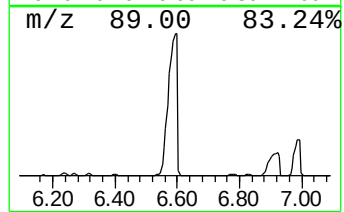
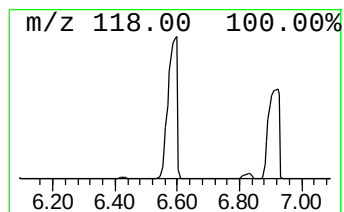
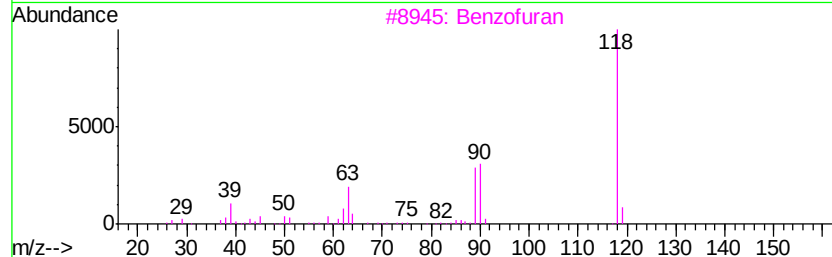
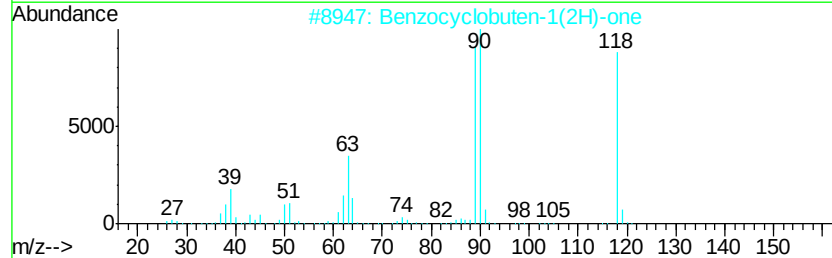
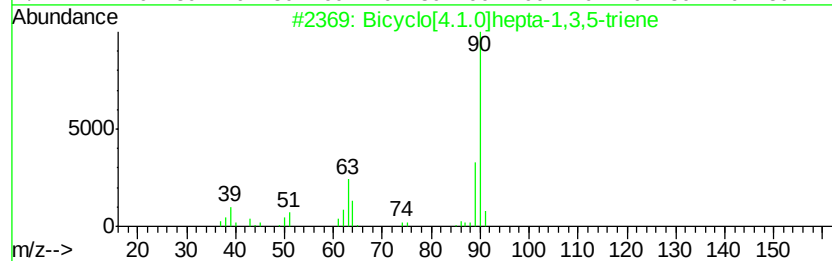
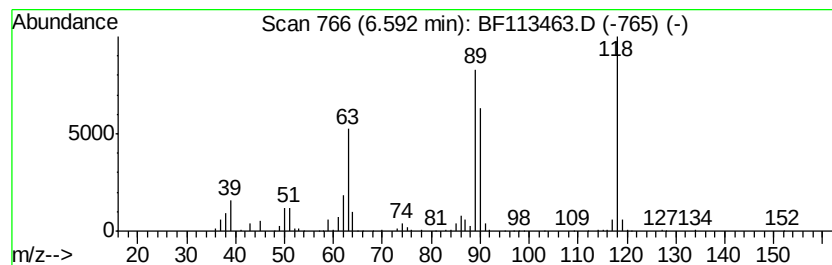
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Bicyclo[4.1.0]hepta-1,3,5-t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	30.62 ng	5778200	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	64
2		Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	58
3		Benzofuran	118	C8H6O	000271-89-6	18
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	14
5		Pyrazolo[1,5-a]pyridine	118	C7H6N2	000274-56-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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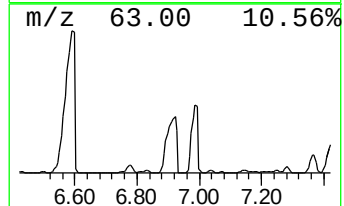
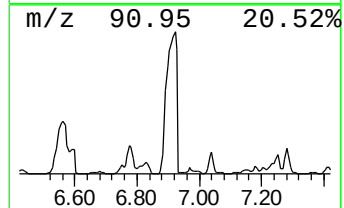
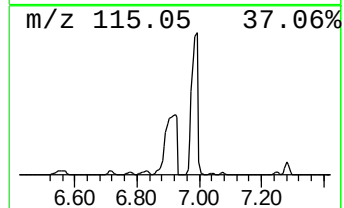
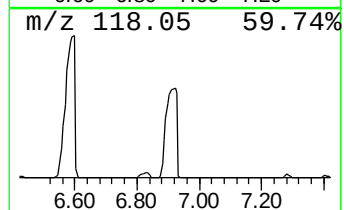
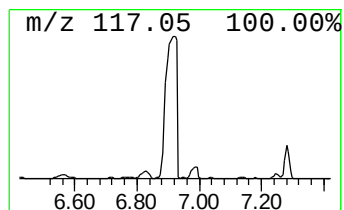
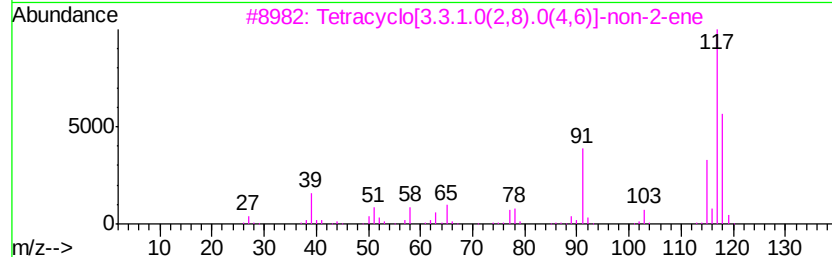
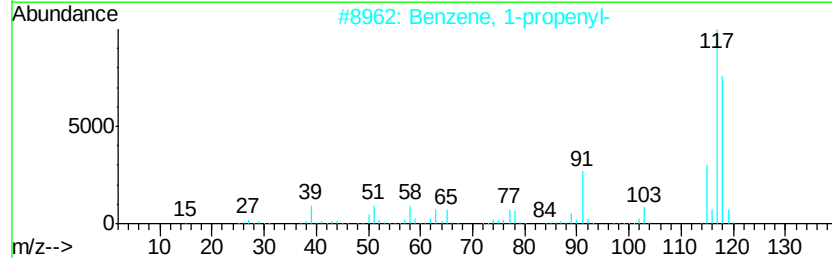
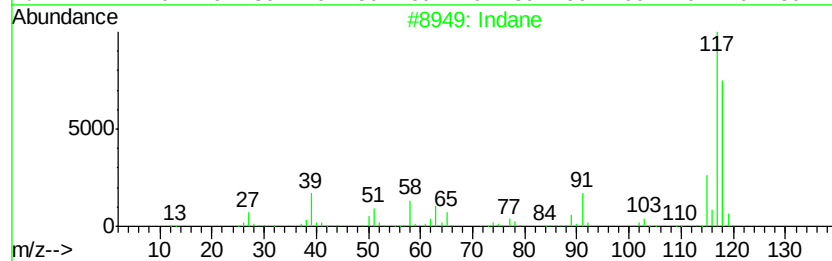
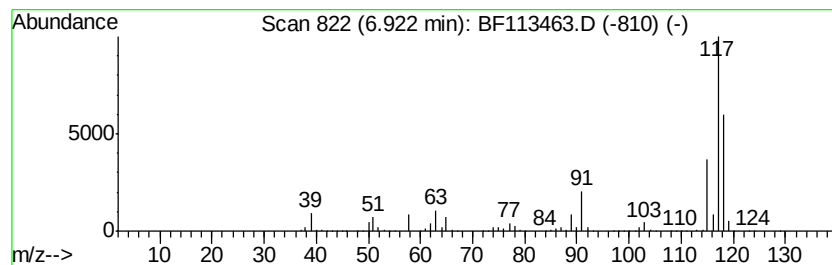
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	118.96 ng	22449300	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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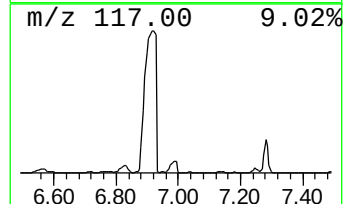
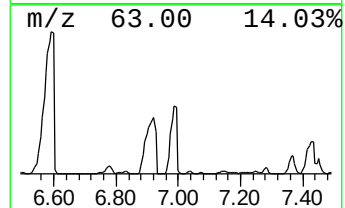
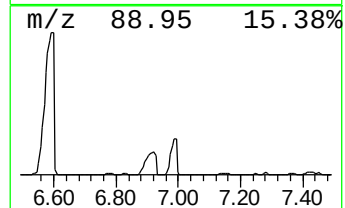
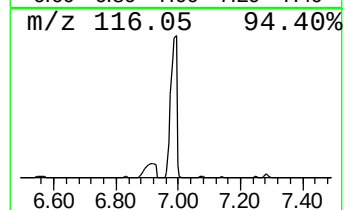
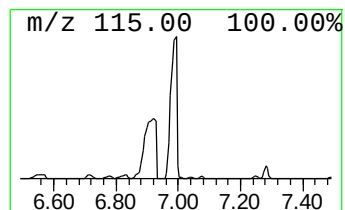
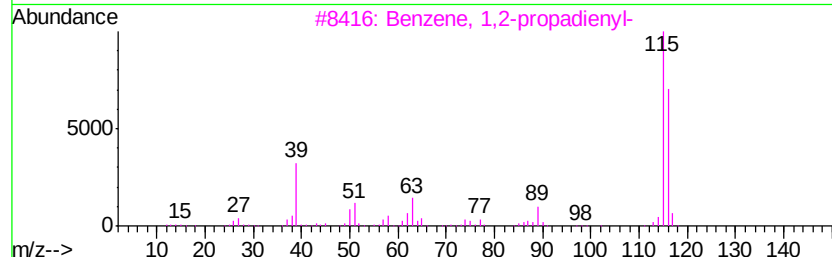
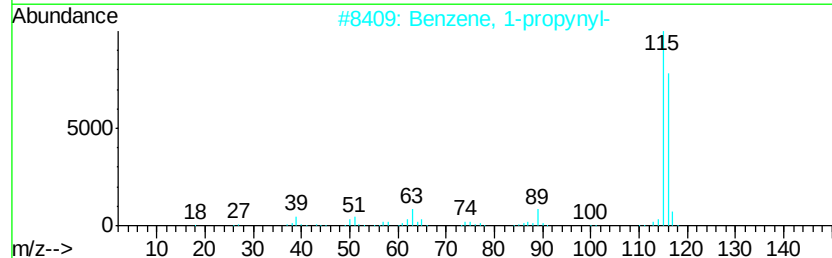
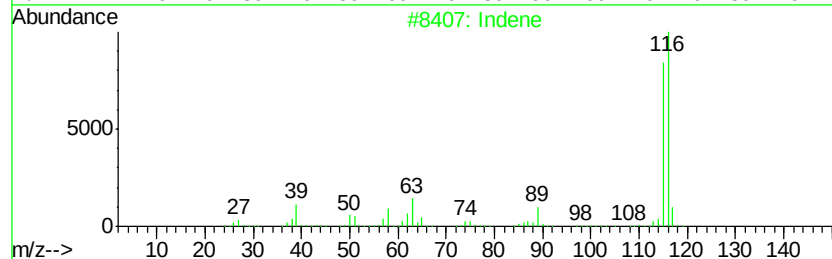
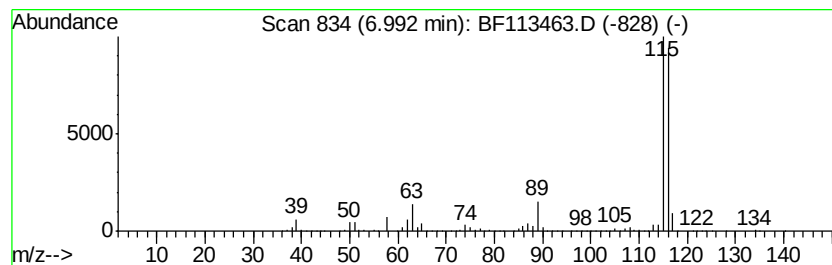
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2-propadienyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	53.22 ng	10043500	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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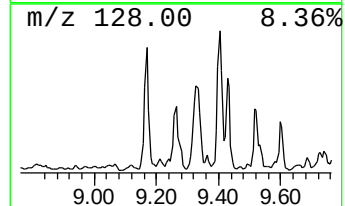
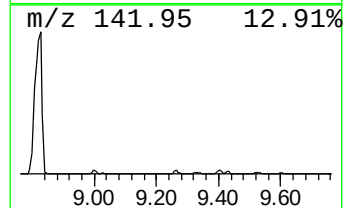
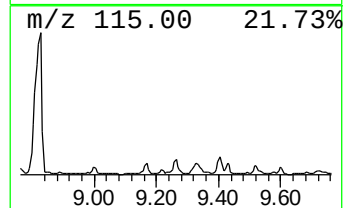
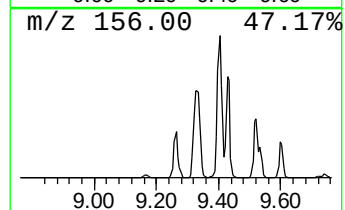
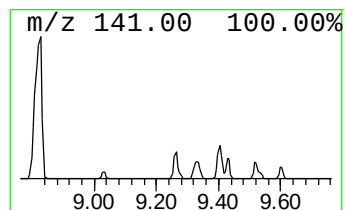
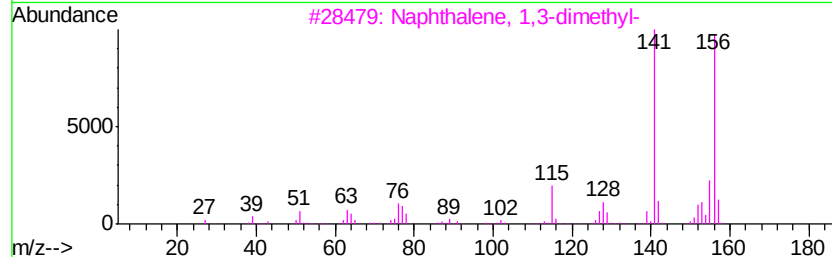
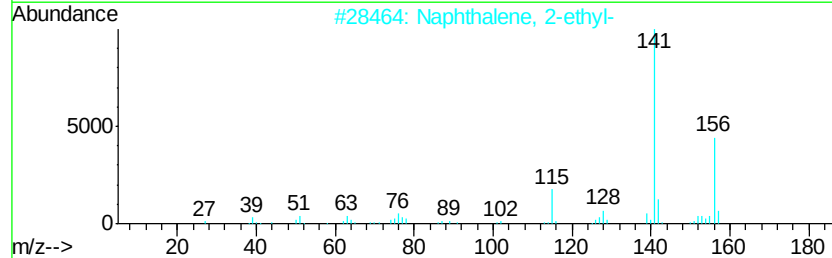
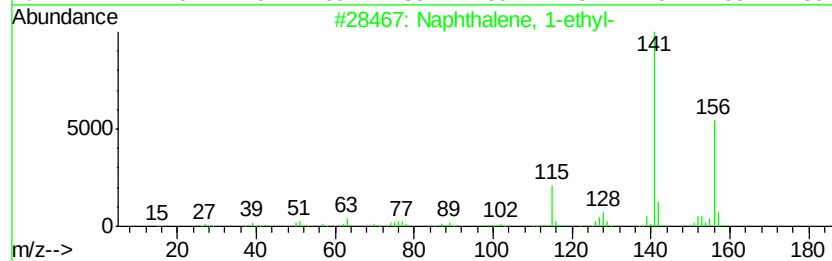
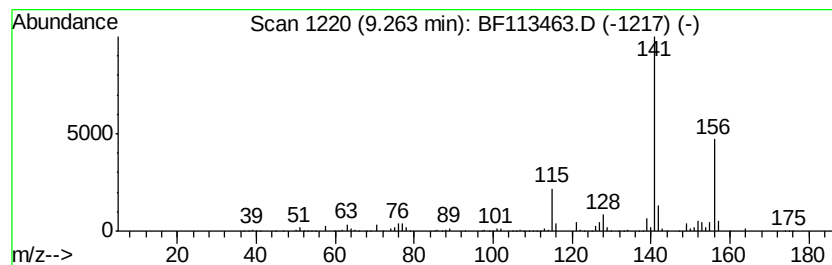
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	39.22 ng	1633300	Acenaphthene-d10	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 72
4		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
5		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 64



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ALS Vial : 6 Sample Multiplier: 1

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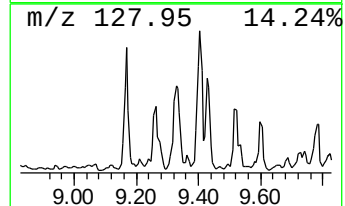
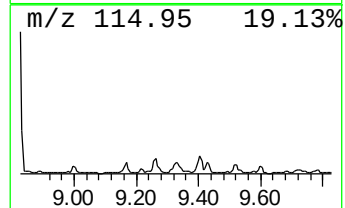
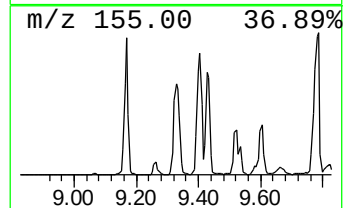
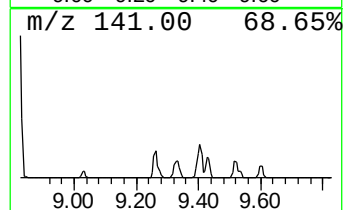
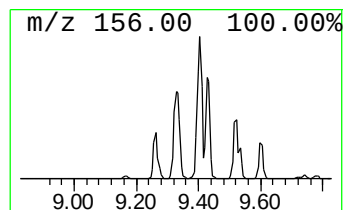
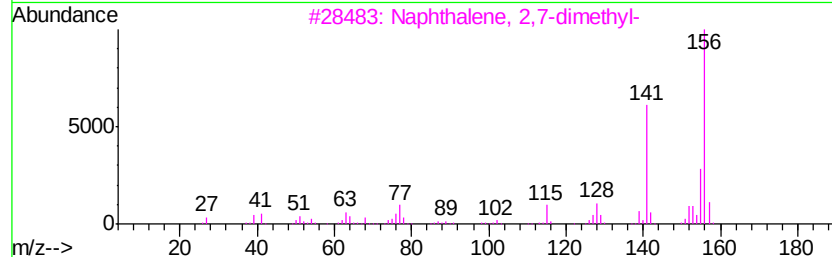
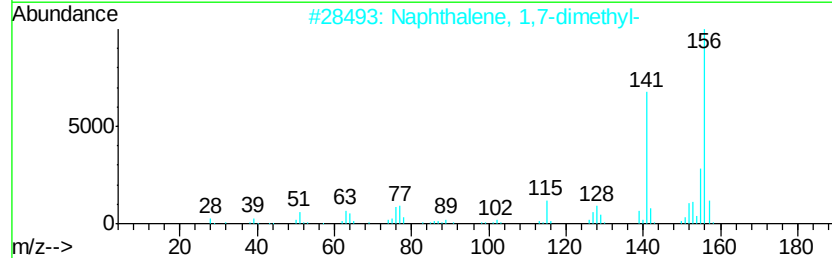
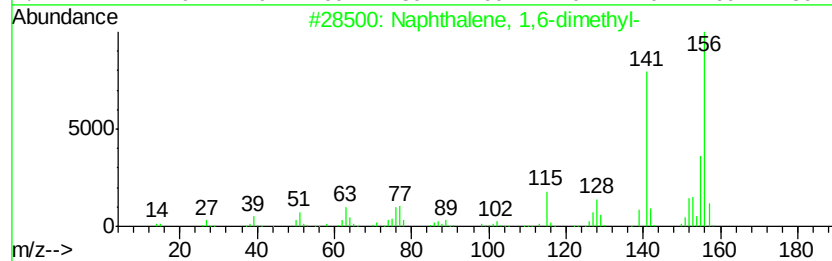
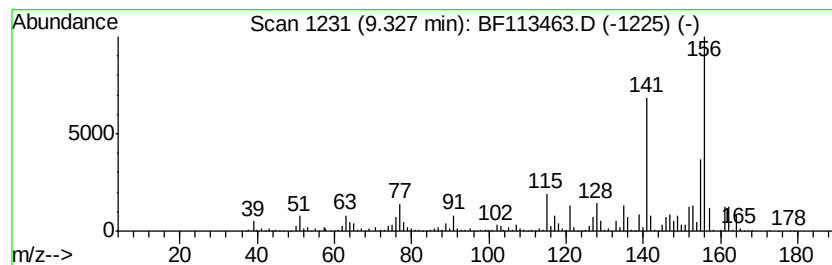
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	79.70 ng	3319500	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

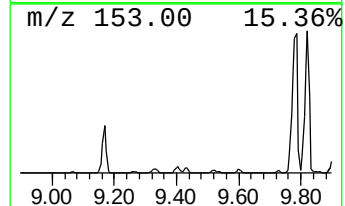
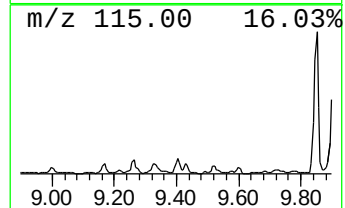
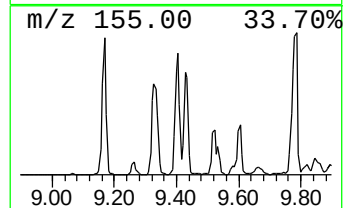
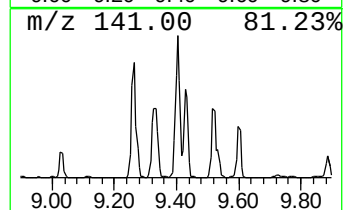
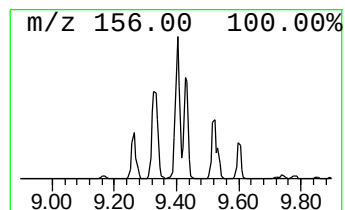
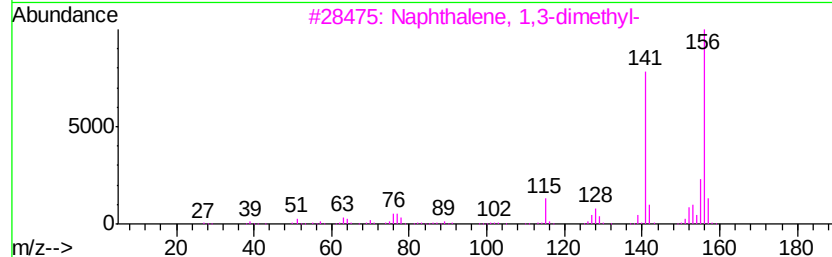
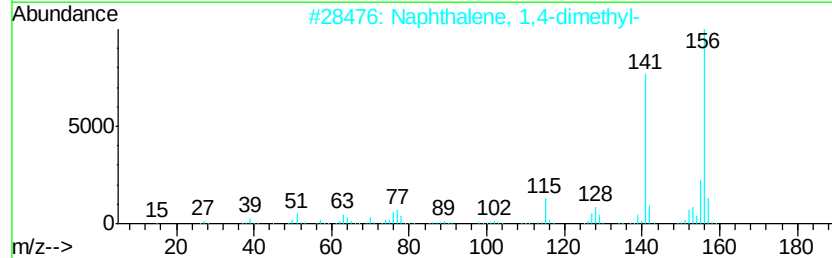
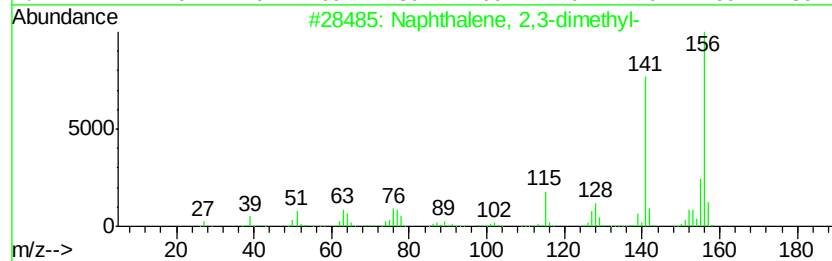
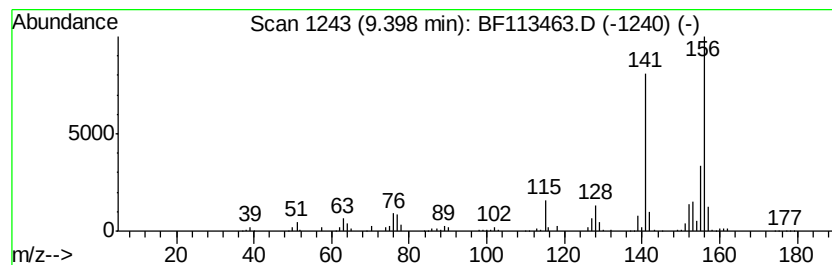
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	50.17 ng	2089440	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
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Instrument :
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ClientSampleId :
QNWP8-MW30D-GW

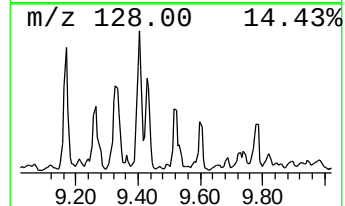
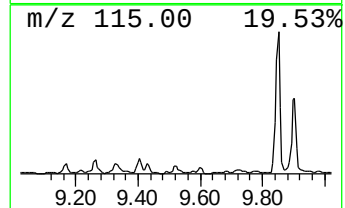
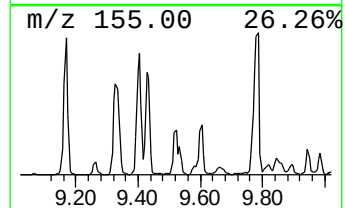
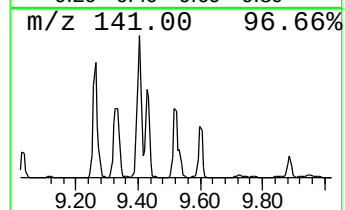
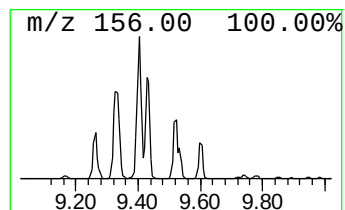
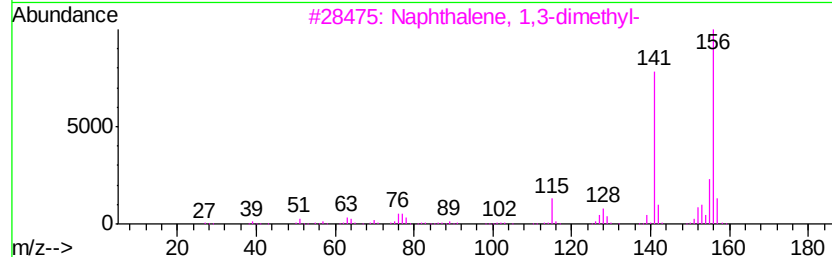
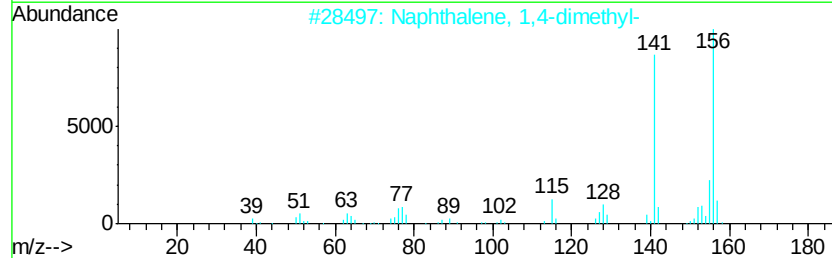
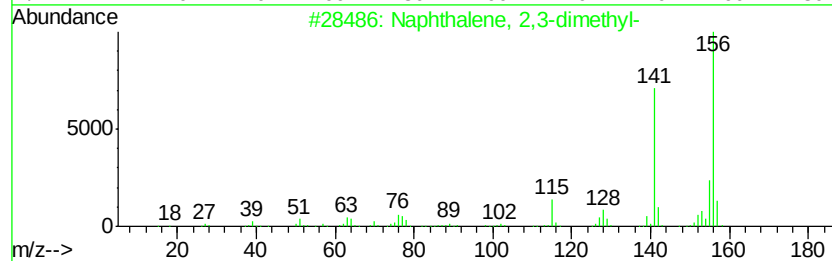
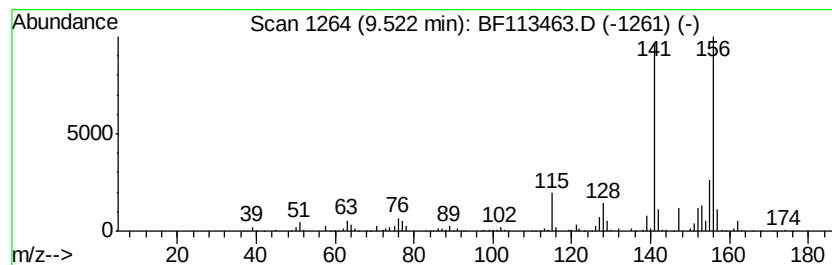
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	26.87 ng	1119230	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
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Misc :
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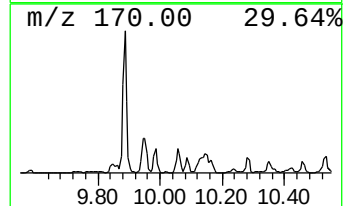
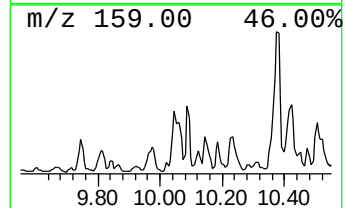
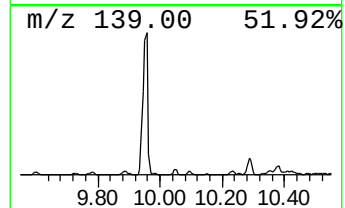
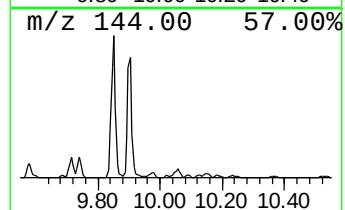
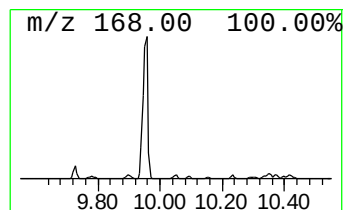
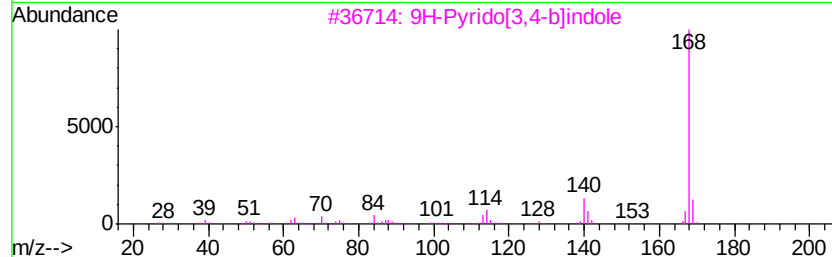
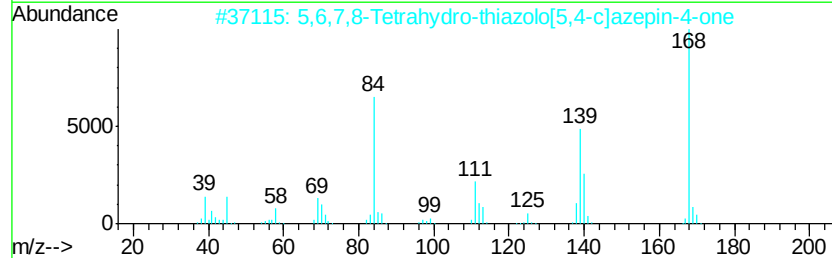
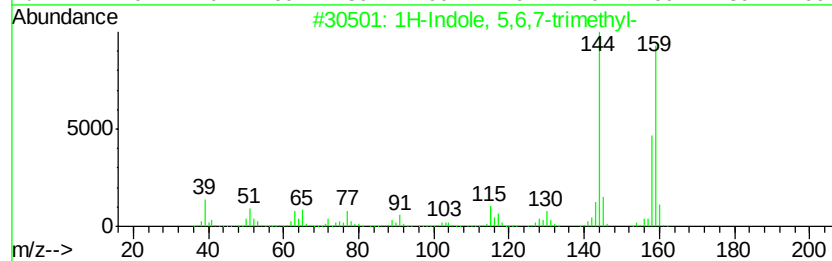
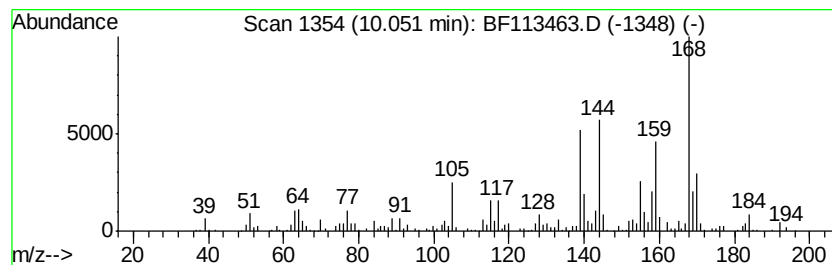
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	21.00 ng	874725	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, 5,6,7-trimethyl-	159	C11H13N	054340-99-7	35
2		5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	25
3		9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	22
4		Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	22
5		Propanedinitrile, (1-phenylethyl...	168	C11H8N2	005447-87-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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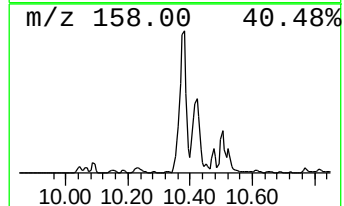
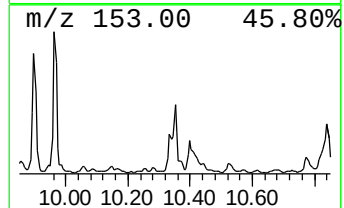
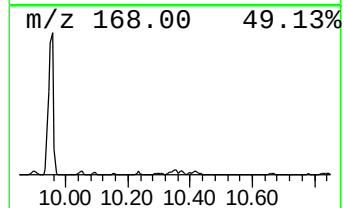
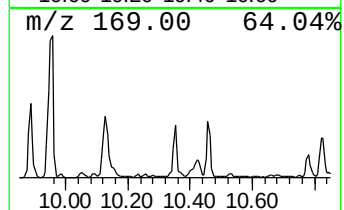
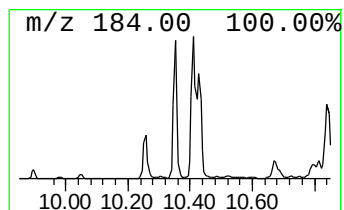
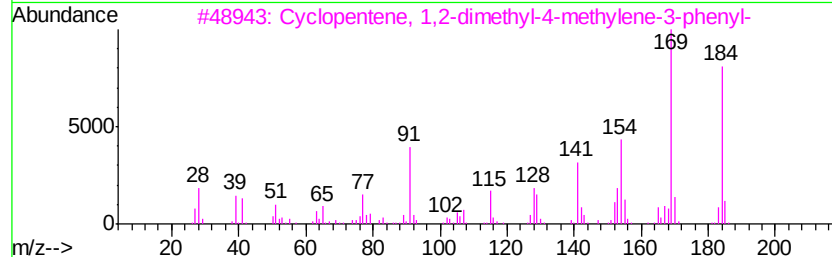
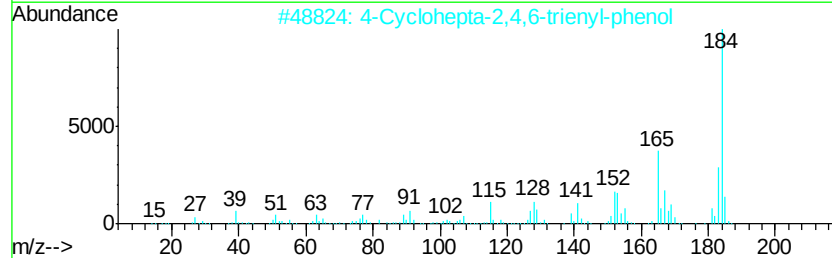
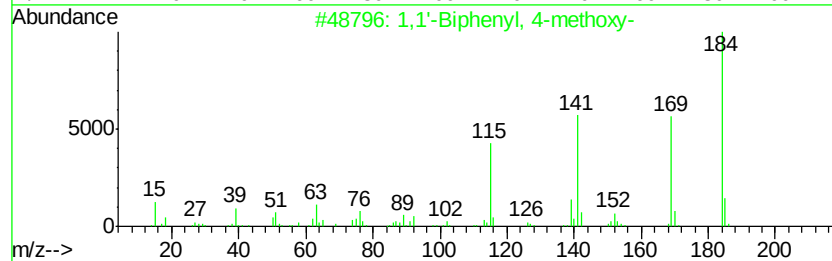
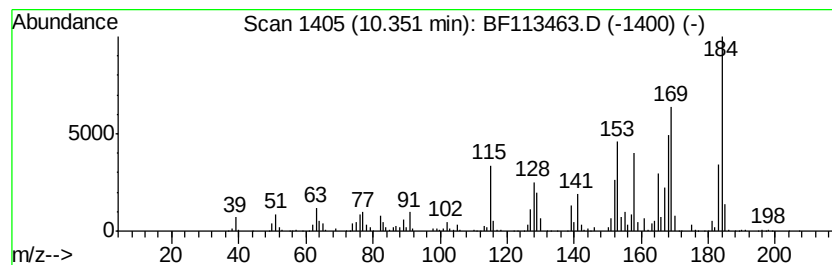
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 4-methoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	40.22 ng	1675280	Acenaphthene-d10	9.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 4-methoxy-	184 C13H12O	000613-37-6 70
2		4-Cyclohepta-2,4,6-trienyl-phenol	184 C13H12O	091902-42-0 55
3		Cyclopentene, 1,2-dimethyl-4-met...	184 C14H16	1000152-22-4 50
4		Naphthalene, 1,2,3,4-tetramethyl-	184 C14H16	003031-15-0 45
5		Chamazulene	184 C14H16	000529-05-5 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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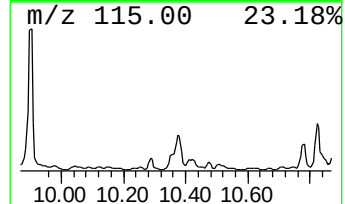
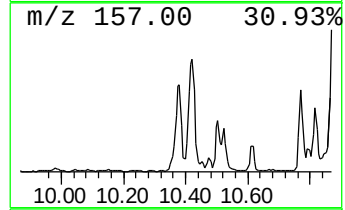
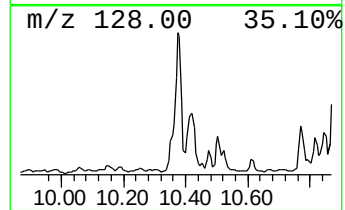
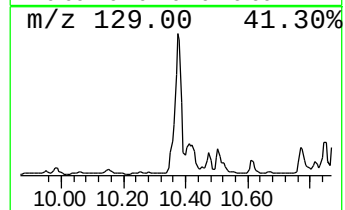
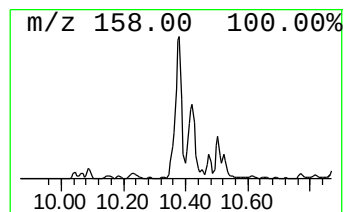
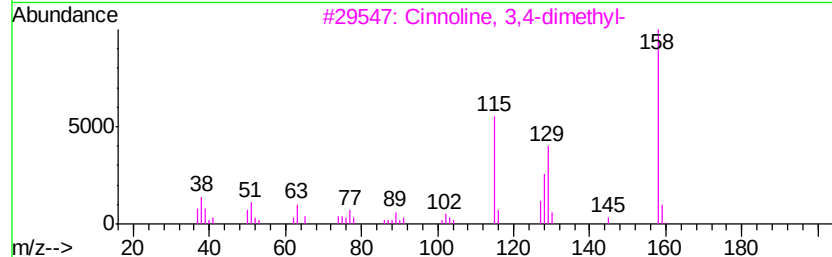
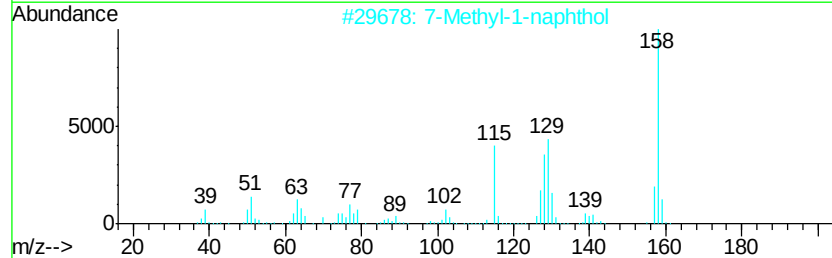
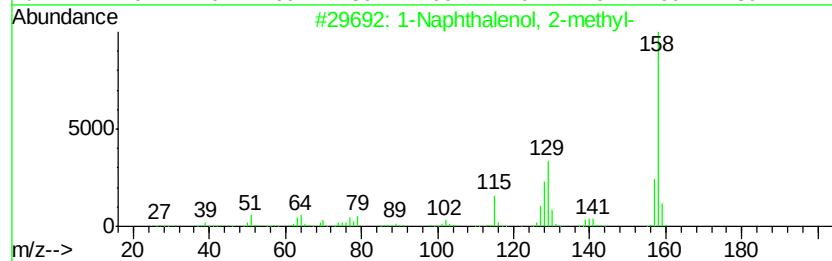
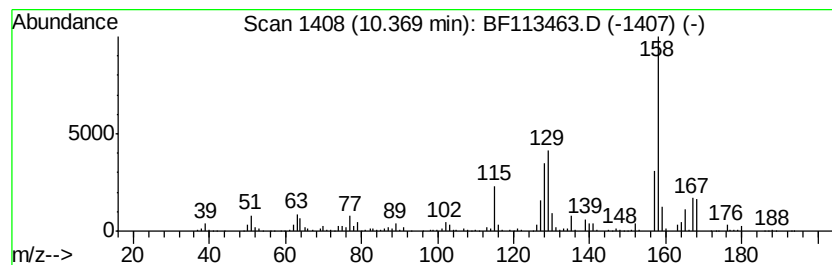
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Naphthalenol, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	57.00 ng	2373950	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	94
2		7-Methyl-1-naphthol	158	C11H10O	006939-33-9	90
3		Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	64
4		Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	53
5		2-Amino-3H-benzoimidazole-5-carb...	158	C8H6N4	063655-40-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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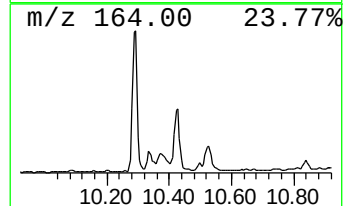
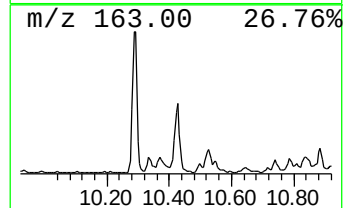
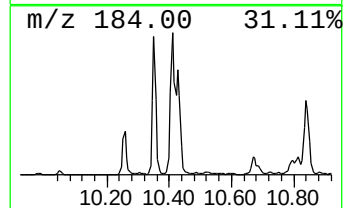
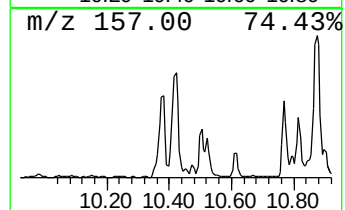
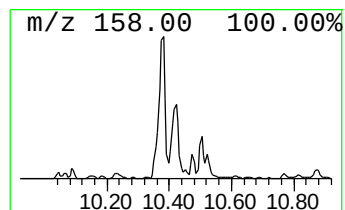
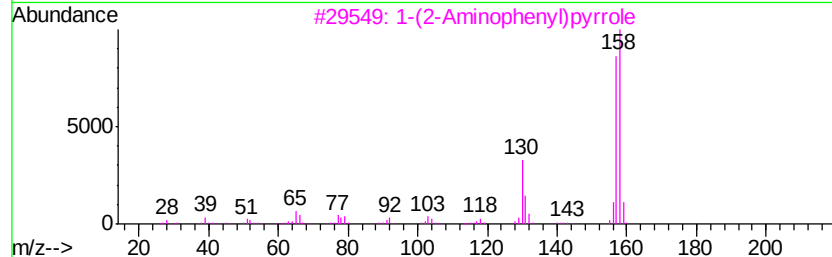
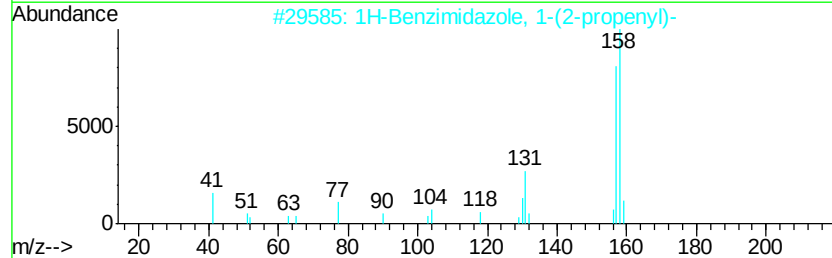
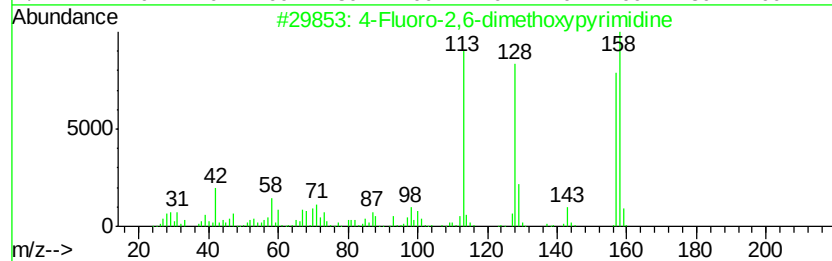
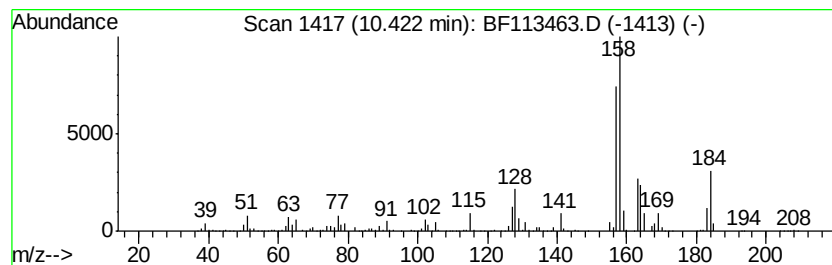
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4-Fluoro-2,6-dimethoxypyrim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	56.34 ng	2346500	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	50
2	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	47
3	1-(2-Aminophenyl)pyrrole	158	C10H10N2	006025-60-1	47
4	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	38
5	1H-Pyrazole, 5-methyl-1-phenyl-	158	C10H10N2	006831-91-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
QNWP8-MW30D-GW

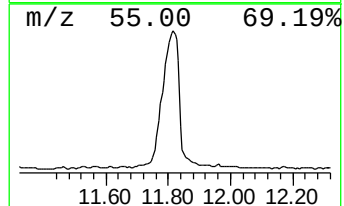
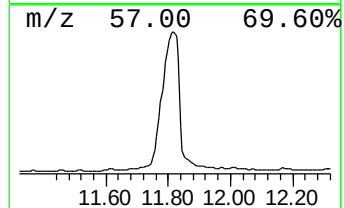
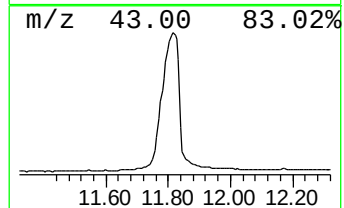
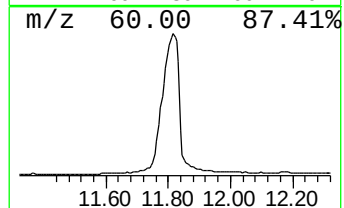
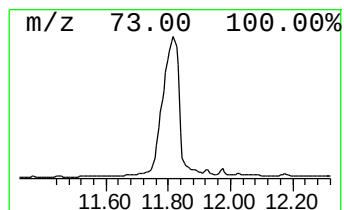
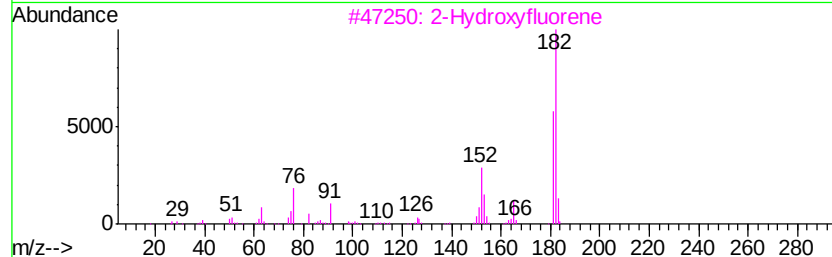
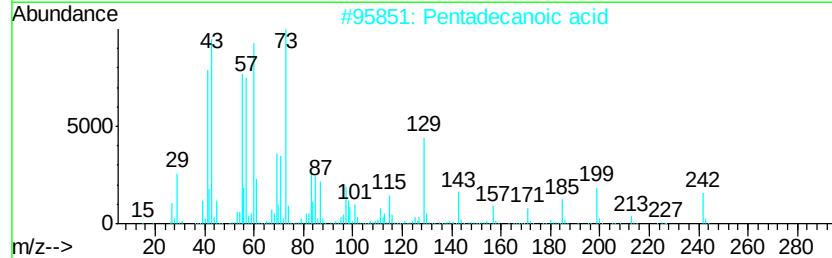
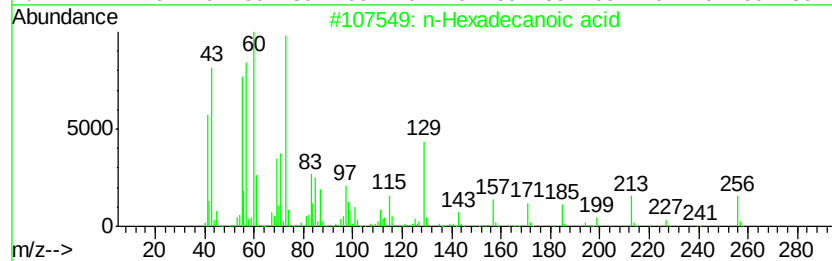
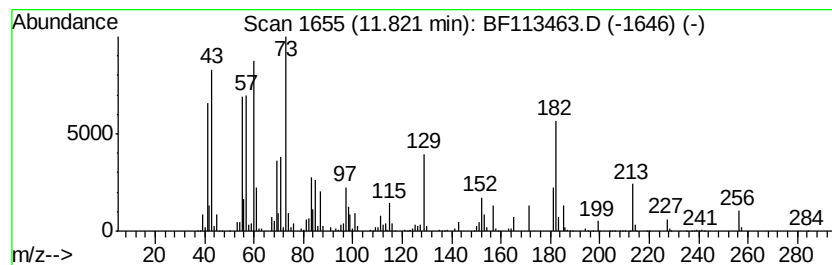
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	54.43 ng	16708700	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		2-Hydroxyfluorene	182	C13H10O	002443-58-5	55
4		Tridecanoic acid	214	C13H26O2	000638-53-9	46
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

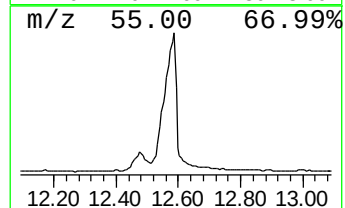
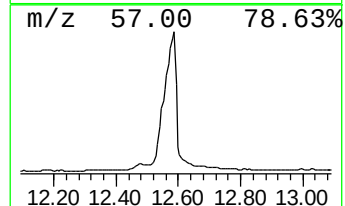
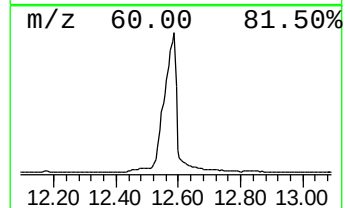
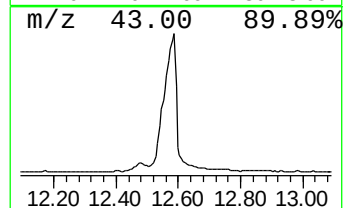
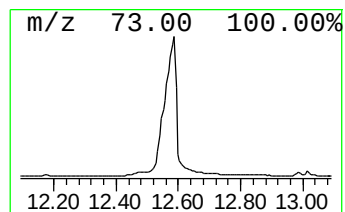
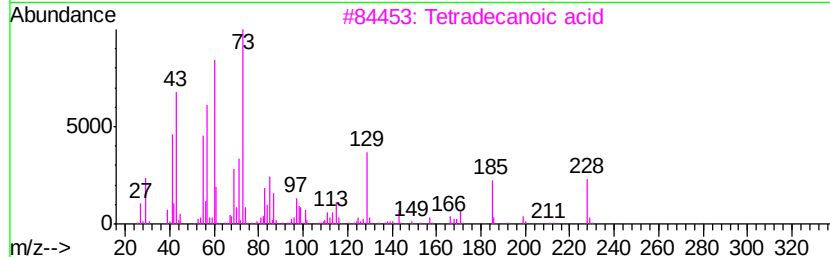
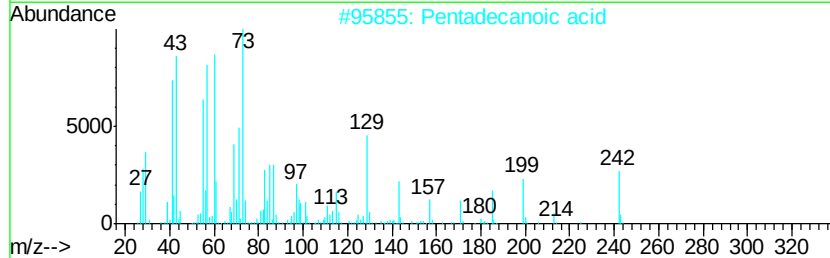
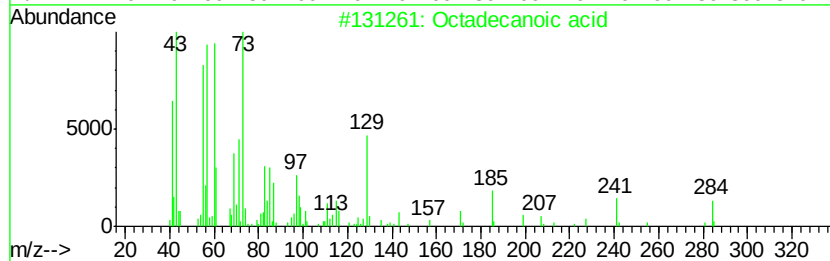
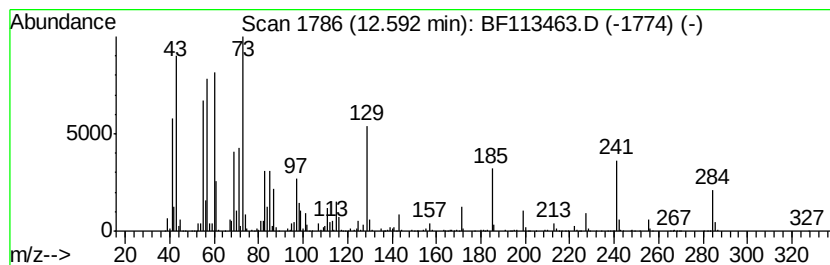
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	326.86 ng	15496100	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

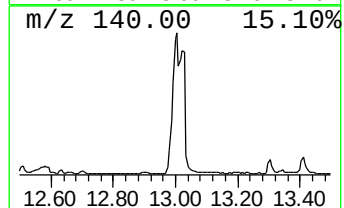
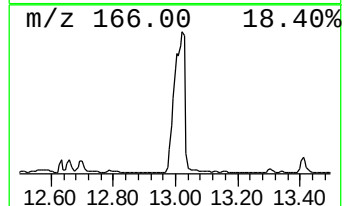
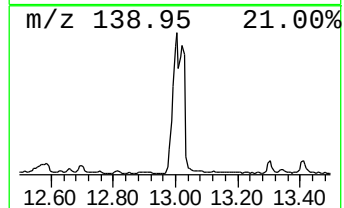
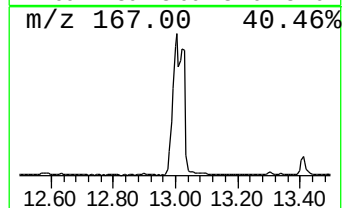
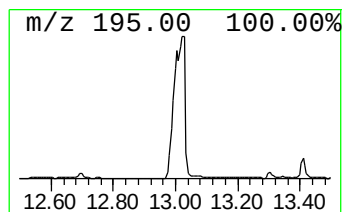
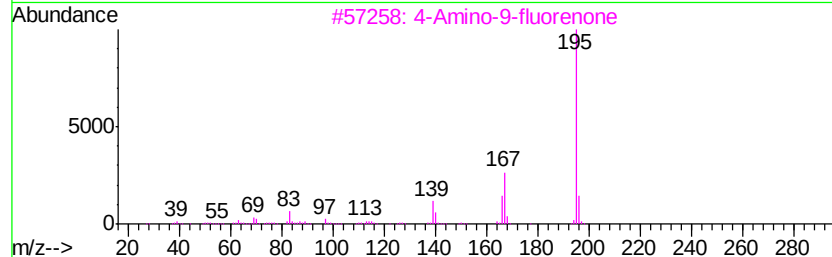
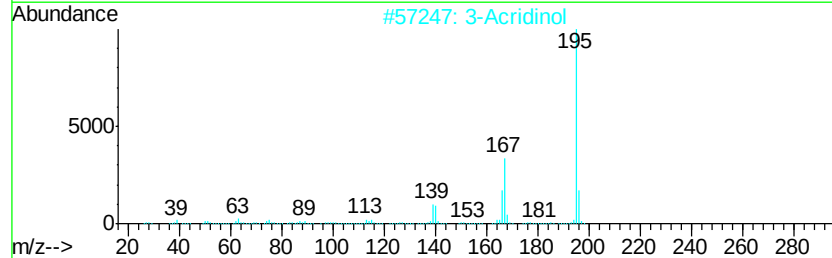
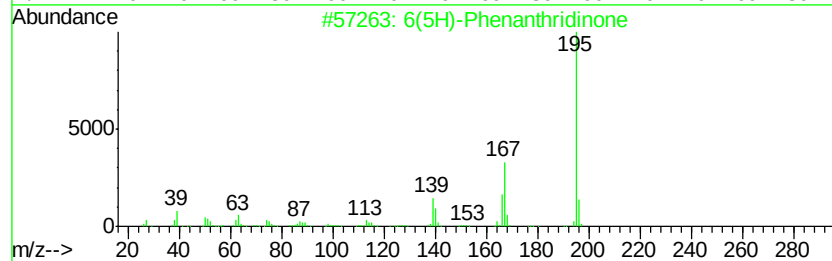
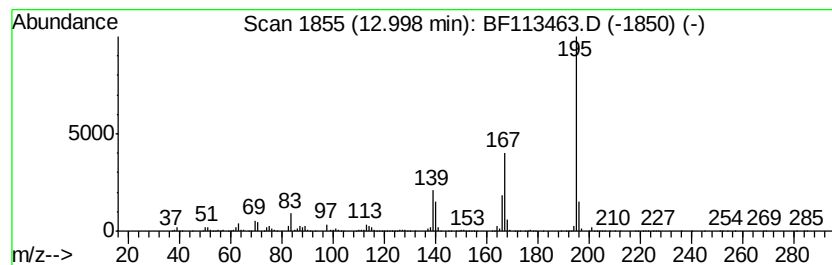
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 6(5H)-Phenanthridinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	56.40 ng	2674140	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2		3-Acridinol	195	C13H9NO	007132-70-9	96
3		4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4		9(10H)-Acridinone	195	C13H9NO	000578-95-0	93
5		Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113463.D
Acq On : 1 Apr 2019 13:40
Operator : JU/SJ
Sample : K2115-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GW

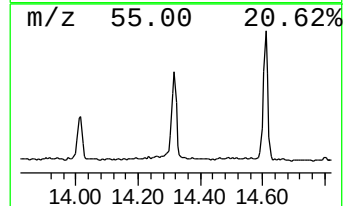
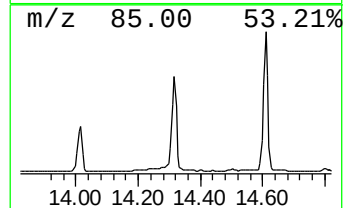
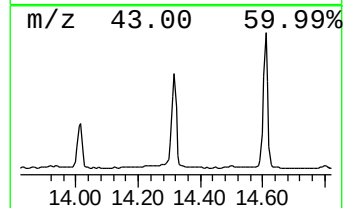
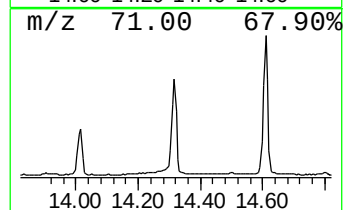
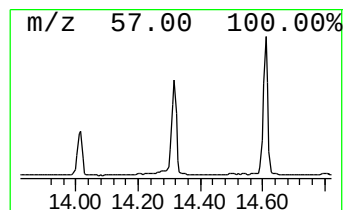
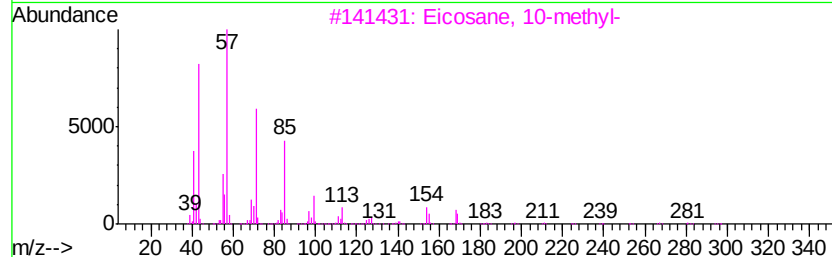
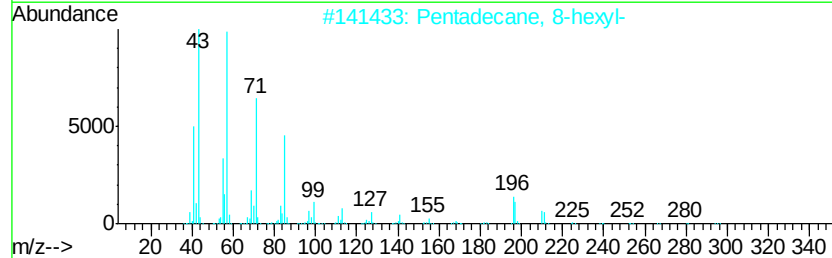
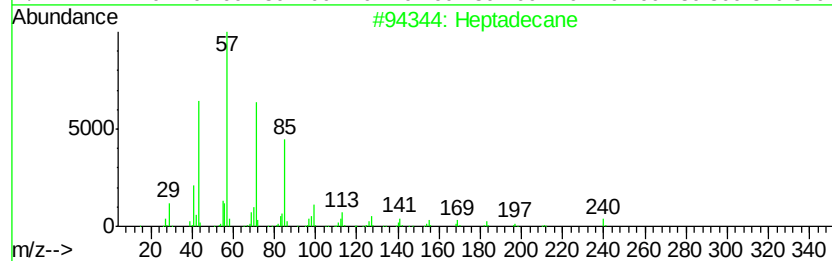
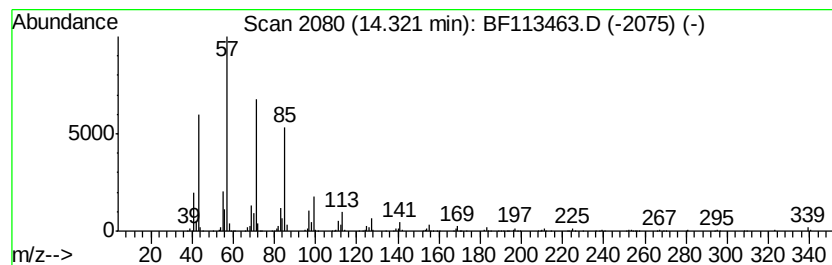
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	26.26 ng	1245200	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113463.D
 Acq On : 1 Apr 2019 13:40
 Operator : JU/SJ
 Sample : K2115-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
1,3,5-Cycloheptat...	3.66	26.7	ng	5032860	1	6.72	3774310	20.0
1,3-Cyclopentadie...	5.19	78.0	ng	14730000	1	6.72	3774310	20.0
Benzene, 1,3-dime...	5.56	58.8	ng	11098400	1	6.72	3774310	20.0
Benzene, 1,2,3-tr...	6.32	23.5	ng	4426850	1	6.72	3774310	20.0
3-Hydroxyphenylac...	6.57	74.3	ng	14013100	1	6.72	3774310	20.0
Bicyclo[4.1.0]hep...	6.59	30.6	ng	5778200	1	6.72	3774310	20.0
Indane	6.92	119.0	ng	22449300	1	6.72	3774310	20.0
Benzene, 1,2-prop...	6.99	53.2	ng	10043500	1	6.72	3774310	20.0
Naphthalene, 1,3-...	9.26	39.2	ng	1633300	3	9.74	832992	20.0
Naphthalene, 1,6-...	9.33	79.7	ng	3319500	3	9.74	832992	20.0
Naphthalene, 2,3-...	9.40	50.2	ng	2089440	3	9.74	832992	20.0
Naphthalene, 1,4-...	9.52	26.9	ng	1119230	3	9.74	832992	20.0
unknown10.05	10.05	21.0	ng	874725	3	9.74	832992	20.0
1,1'-Biphenyl, 4-...	10.35	40.2	ng	1675280	3	9.74	832992	20.0
1-Naphthalenol, 2...	10.37	57.0	ng	2373950	3	9.74	832992	20.0
4-Fluoro-2,6-dime...	10.42	56.3	ng	2346500	3	9.74	832992	20.0
n-Hexadecanoic acid	11.82	54.4	ng	16708700	4	11.22	6139010	20.0
Octadecanoic acid	12.59	326.9	ng	15496100	5	13.85	948193	20.0
6(5H)-Phenanthrid...	13.00	56.4	ng	2674140	5	13.85	948193	20.0
Heptadecane	14.32	26.3	ng	1245200	5	13.85	948193	20.0