

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF090617\
 Data File : BF098281.D
 Acq On : 6 Sep 2017 19:14
 Operator : SJ/JU
 Sample : I5084-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-WC1

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-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	471	475	483	rBV	143754	194691	6.55%	0.350%
2	5.298	542	546	550	rVV	2168380	2241077	75.35%	4.029%
3	5.510	577	582	594	rBV	604322	797642	26.82%	1.434%
4	6.340	718	723	726	rBV	2321117	2382883	80.12%	4.284%
5	6.463	740	744	747	rVV	2368039	2233948	75.11%	4.016%
6	6.528	751	755	760	rBV	829537	951896	32.01%	1.711%
7	6.569	760	762	769	rVB	445573	412489	13.87%	0.742%
8	6.692	779	783	789	rVB2	808215	780883	26.26%	1.404%
9	6.810	798	803	806	rVB2	151595	147012	4.94%	0.264%
10	6.851	806	810	813	rBV	1919108	1674181	56.29%	3.010%
11	6.957	824	828	834	rVB	550198	586704	19.73%	1.055%
12	7.204	867	870	873	rVV2	115068	116159	3.91%	0.209%
13	7.263	873	880	884	rVV	1543620	1670520	56.17%	3.003%
14	7.310	884	888	893	rVV	212036	303750	10.21%	0.546%
15	7.357	893	896	901	rVB	200690	176832	5.95%	0.318%
16	7.469	909	915	918	rBV4	54480	99013	3.33%	0.178%
17	7.534	923	926	927	rBV	232452	192678	6.48%	0.346%
18	7.551	927	929	935	rVB	842274	775842	26.09%	1.395%
19	7.728	955	959	962	rBV	311055	384667	12.93%	0.692%
20	7.763	962	965	966	rVV	111725	124814	4.20%	0.224%
21	7.775	966	967	970	rVV	291804	263191	8.85%	0.473%
22	7.798	970	971	976	rVB2	137494	110791	3.73%	0.199%
23	7.975	997	1001	1004	rVV	956708	901070	30.30%	1.620%
24	8.198	1033	1039	1042	rBV	747513	680158	22.87%	1.223%
25	8.257	1046	1049	1056	rVB	724251	678996	22.83%	1.221%
26	8.687	1118	1122	1129	rVB2	430811	470847	15.83%	0.846%
27	8.751	1130	1133	1136	rBV	175129	144918	4.87%	0.261%
28	8.786	1136	1139	1143	rVB2	220583	216517	7.28%	0.389%
29	8.863	1147	1152	1154	rBV	136376	128240	4.31%	0.231%
30	8.975	1168	1171	1177	rVB2	186611	167386	5.63%	0.301%
31	9.028	1177	1180	1181	rBV	188890	157332	5.29%	0.283%
32	9.057	1181	1185	1188	rVV	2249929	2110218	70.95%	3.793%
33	9.181	1203	1206	1209	rBV	221904	219513	7.38%	0.395%
34	9.392	1238	1242	1245	rBV2	306196	330383	11.11%	0.594%

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35	9.451	1248	1252	1256	rVB2	209099	184838	6.21%	0.332%
36	9.586	1273	1275	1277	rBV	127353	97319	3.27%	0.175%
37	9.669	1286	1289	1291	rBV	115962	111827	3.76%	0.201%
38	9.704	1291	1295	1297	rVV	452863	517038	17.38%	0.929%
39	9.728	1297	1299	1302	rVV2	954912	865986	29.12%	1.557%
40	9.763	1302	1305	1308	rVV	348748	331506	11.15%	0.596%
41	9.933	1331	1334	1338	rVB	169143	136686	4.60%	0.246%
42	10.069	1354	1357	1360	rVB	227893	198812	6.68%	0.357%
43	10.139	1364	1369	1370	rBV3	64484	96059	3.23%	0.173%
44	10.275	1388	1392	1397	rVV	343305	336553	11.32%	0.605%
45	10.439	1416	1420	1424	rVB2	170179	232203	7.81%	0.417%
46	10.516	1429	1433	1437	rVV	1214336	1255131	42.20%	2.256%
47	10.639	1451	1454	1460	rVB5	128165	166995	5.61%	0.300%
48	10.822	1480	1485	1487	rBV3	104097	136481	4.59%	0.245%
49	10.951	1502	1507	1508	rBV3	72388	101937	3.43%	0.183%
50	11.016	1516	1518	1522	rVV2	126630	131031	4.41%	0.236%
51	11.069	1523	1527	1531	rVV4	108361	193788	6.52%	0.348%
52	11.110	1531	1534	1538	rVV	200166	221539	7.45%	0.398%
53	11.216	1548	1552	1553	rBV	726419	718679	24.16%	1.292%
54	11.239	1553	1556	1559	rVV	2293930	2051678	68.99%	3.688%
55	11.286	1559	1564	1567	rVB	669468	577901	19.43%	1.039%
56	11.328	1567	1571	1576	rBV3	117642	203567	6.84%	0.366%
57	11.445	1589	1591	1593	rBV2	257847	191107	6.43%	0.344%
58	11.510	1599	1602	1605	rVB3	134672	112151	3.77%	0.202%
59	11.539	1605	1607	1610	rBV2	103350	110932	3.73%	0.199%
60	11.622	1619	1621	1624	rVB2	119864	104660	3.52%	0.188%
61	11.716	1633	1637	1639	rBV	457198	460266	15.48%	0.827%
62	11.745	1639	1642	1645	rVB	593013	508863	17.11%	0.915%
63	11.786	1646	1649	1652	rBV	211932	212975	7.16%	0.383%
64	11.827	1652	1656	1658	rVV	696578	771528	25.94%	1.387%
65	11.851	1658	1660	1664	rVB	340874	288691	9.71%	0.519%
66	12.010	1685	1687	1689	rVV	274794	196441	6.61%	0.353%
67	12.039	1689	1692	1695	rVB	203564	174381	5.86%	0.313%
68	12.163	1710	1713	1715	rVB	105329	100591	3.38%	0.181%
69	12.192	1715	1718	1720	rBV2	155551	151423	5.09%	0.272%
70	12.263	1727	1730	1733	rBV	274595	296391	9.97%	0.533%
71	12.304	1735	1737	1742	rVB3	240505	278903	9.38%	0.501%

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72	12.351	1742	1745	1750	rBV2	245454	298062	10.02%	0.536%
73	12.433	1754	1759	1762	rBV	2671992	2663229	89.55%	4.788%
74	12.657	1791	1797	1802	rBV2	2260983	2974092	100.00%	5.346%
75	12.769	1814	1816	1818	rBV	139173	128542	4.32%	0.231%
76	12.798	1818	1821	1828	rVB2	1401744	1413597	47.53%	2.541%
77	12.869	1831	1833	1837	rVB	212310	257450	8.66%	0.463%
78	12.957	1846	1848	1849	rBV2	174930	154842	5.21%	0.278%
79	12.980	1849	1852	1855	rVB	461652	492207	16.55%	0.885%
80	13.045	1861	1863	1866	rVB	271052	223322	7.51%	0.401%
81	13.086	1866	1870	1872	rBV2	343020	384329	12.92%	0.691%
82	13.174	1883	1885	1888	rVB	206580	156757	5.27%	0.282%
83	13.204	1888	1890	1893	rBV	208280	184683	6.21%	0.332%
84	13.492	1936	1939	1943	rVB	244922	270336	9.09%	0.486%
85	13.598	1954	1957	1959	rBV2	213626	217522	7.31%	0.391%
86	13.621	1959	1961	1964	rVB	193933	172151	5.79%	0.309%
87	13.698	1971	1974	1978	rVB2	384035	366013	12.31%	0.658%
88	13.845	1995	1999	2002	rBV2	1385841	1907946	64.15%	3.430%
89	13.880	2002	2005	2010	rVB	1348035	1257398	42.28%	2.260%
90	13.957	2015	2018	2020	rVB	207639	184582	6.21%	0.332%
91	14.233	2063	2065	2068	rVB	289959	268231	9.02%	0.482%
92	14.268	2069	2071	2075	rVB	179341	134929	4.54%	0.243%
93	14.357	2084	2086	2088	rBV	172386	169460	5.70%	0.305%
94	14.868	2168	2173	2176	rBV	1076739	1755831	59.04%	3.156%
95	14.963	2186	2189	2192	rBV	204217	191980	6.46%	0.345%
96	15.145	2217	2220	2226	rVB	631351	828863	27.87%	1.490%
97	15.210	2226	2231	2236	rVB	942044	1145545	38.52%	2.059%
98	15.263	2236	2240	2242	rBV	435586	507034	17.05%	0.911%
99	16.621	2466	2471	2478	rVB2	400920	711491	23.92%	1.279%
100	17.033	2536	2541	2551	rVB	284927	553277	18.60%	0.995%

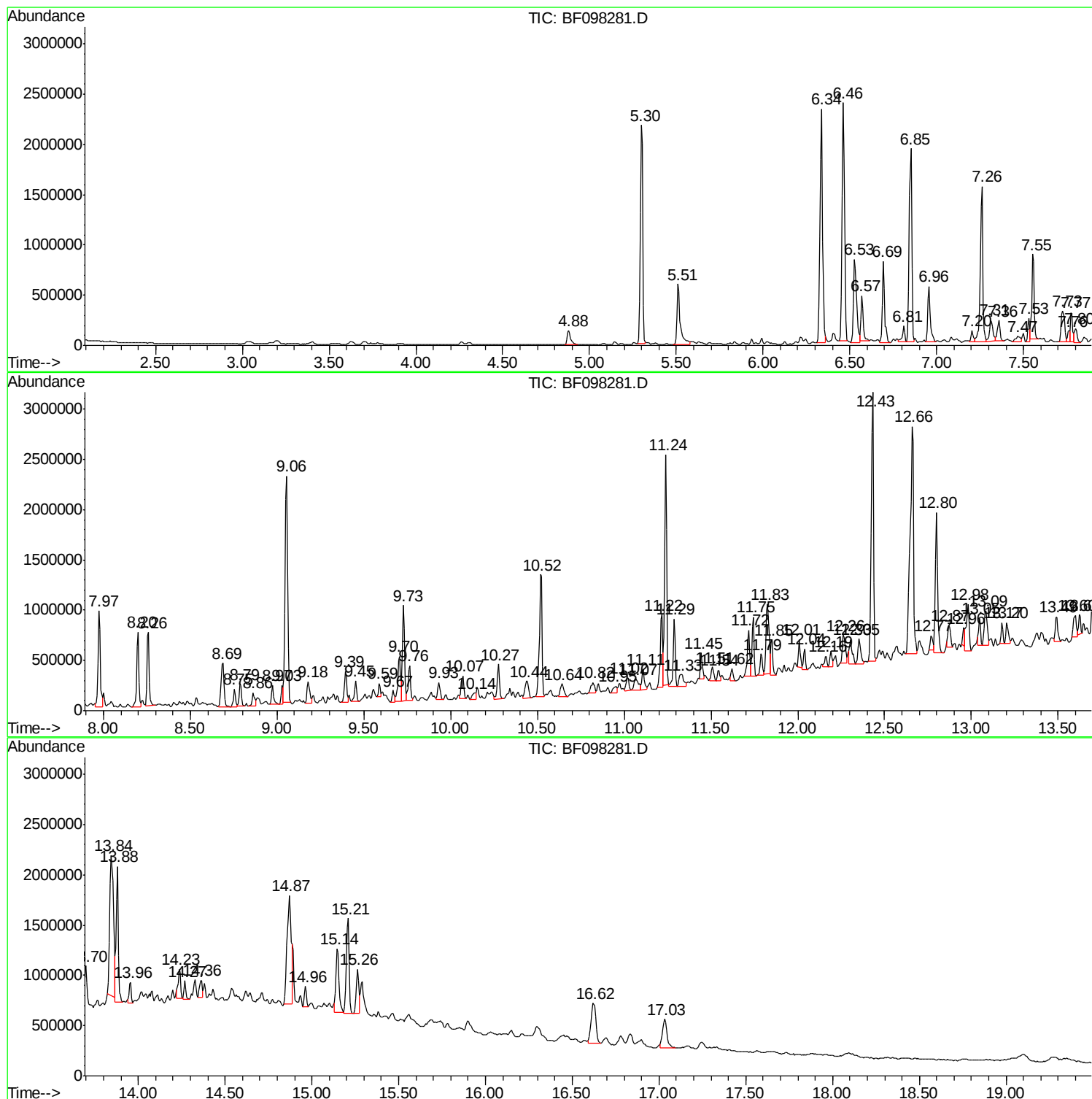
Sum of corrected areas: 55627799

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP10-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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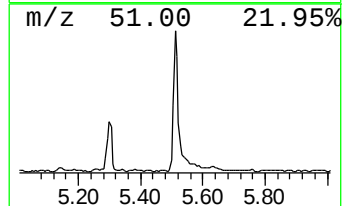
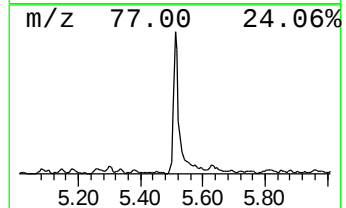
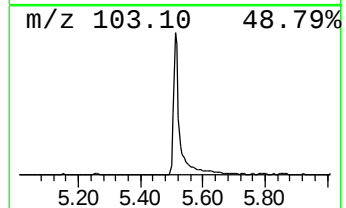
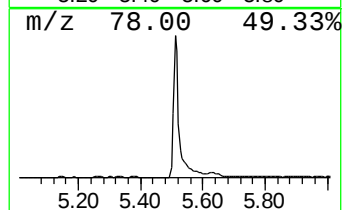
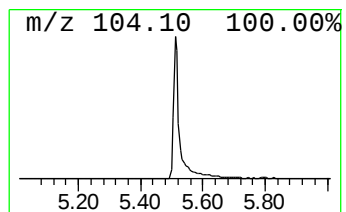
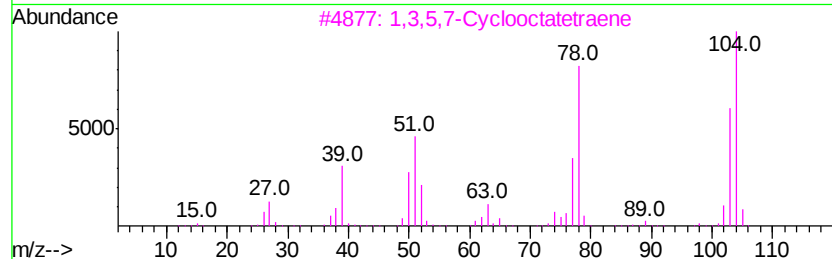
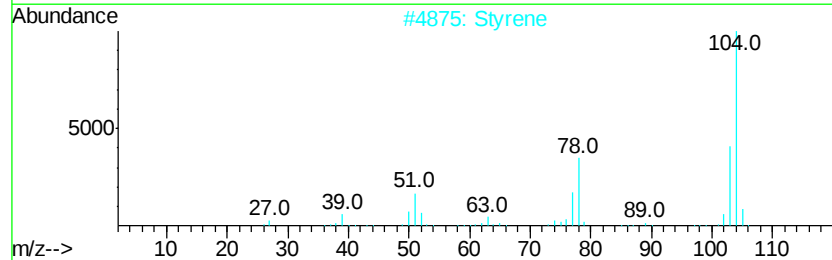
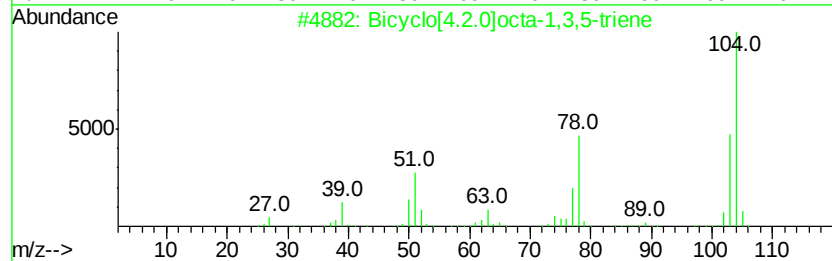
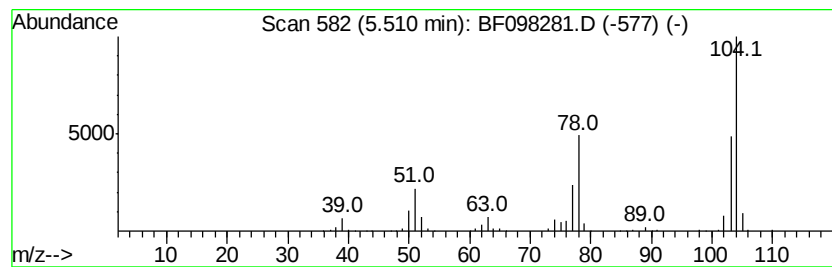
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	20.43 ng	797642	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2		Styrene	104	C8H8	000100-42-5	97
3		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	25



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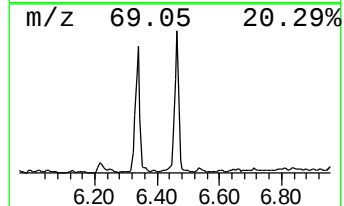
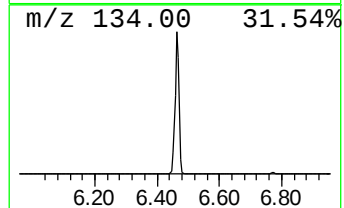
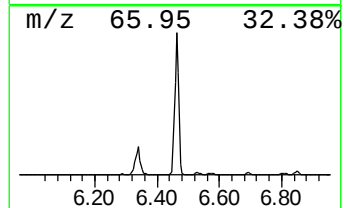
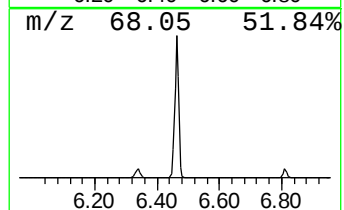
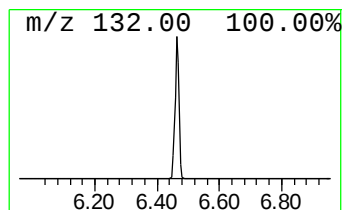
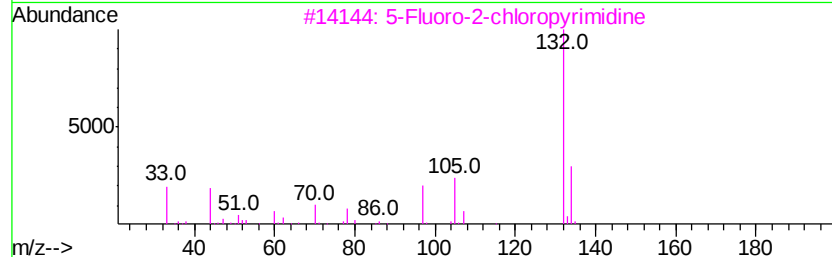
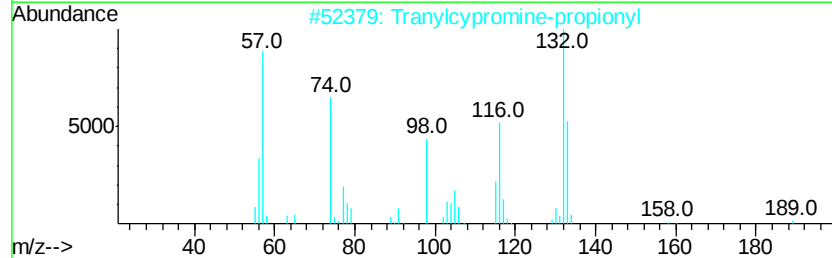
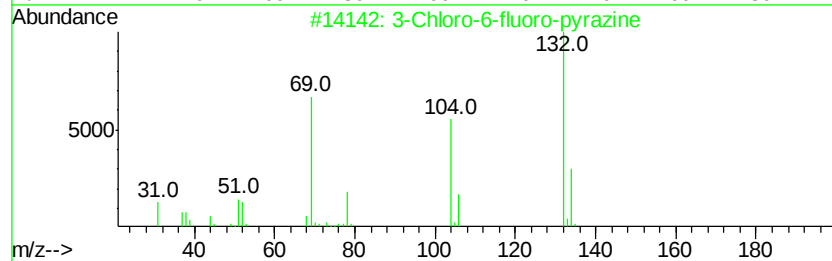
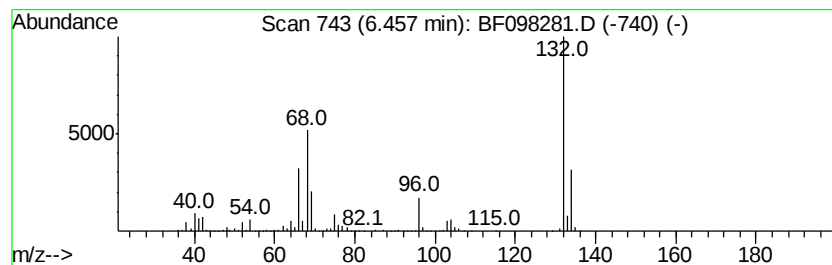
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	57.22 ng	2233950	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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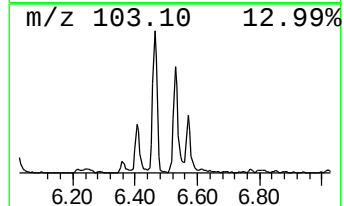
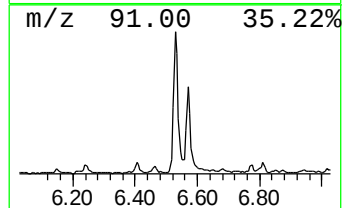
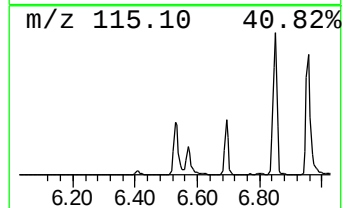
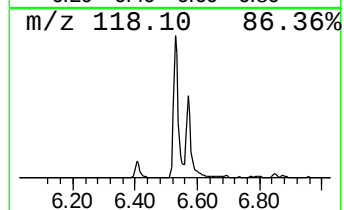
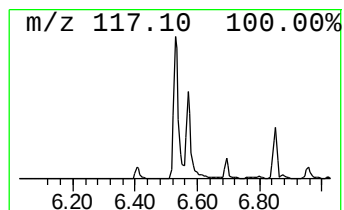
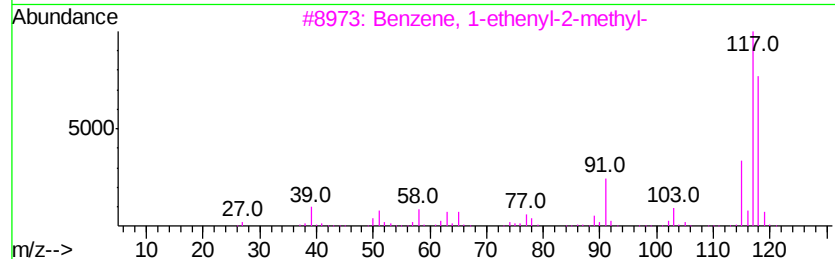
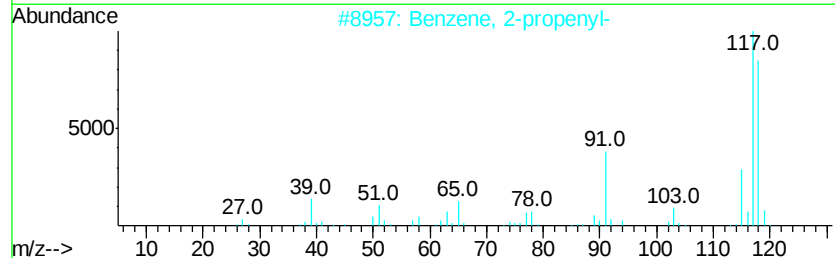
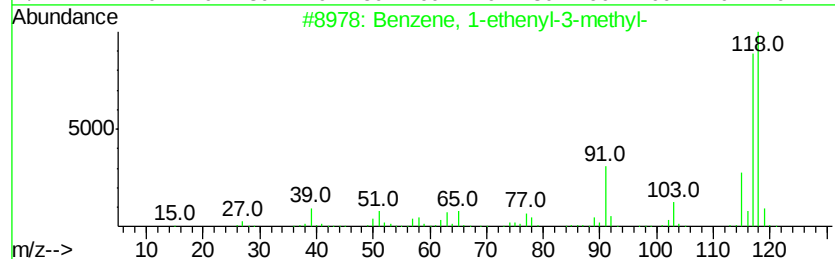
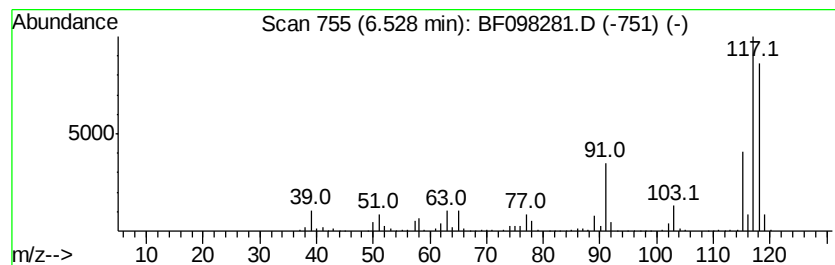
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	24.38 ng	951896	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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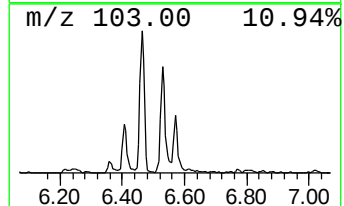
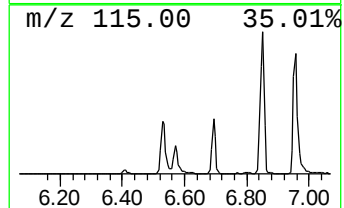
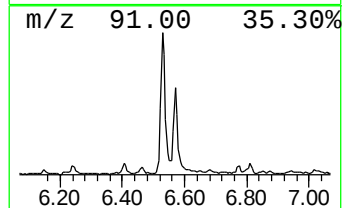
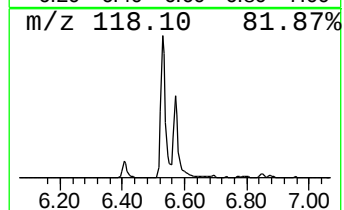
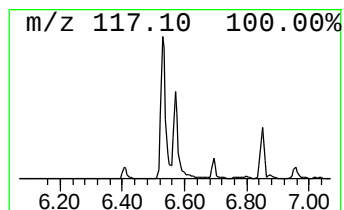
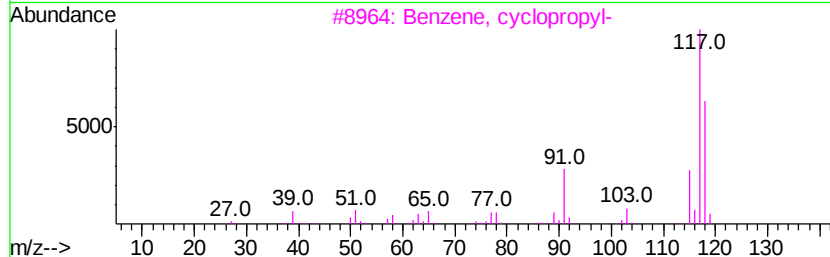
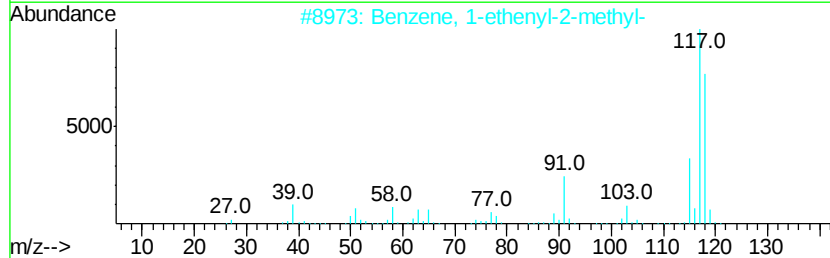
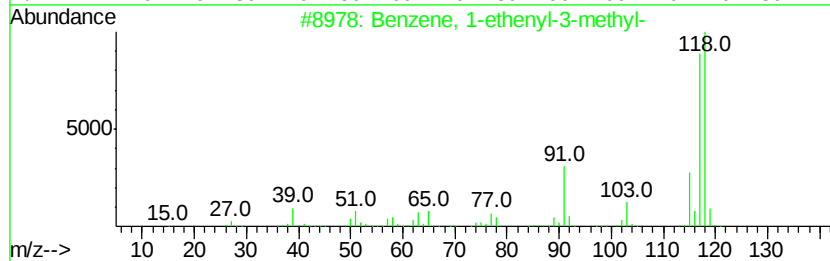
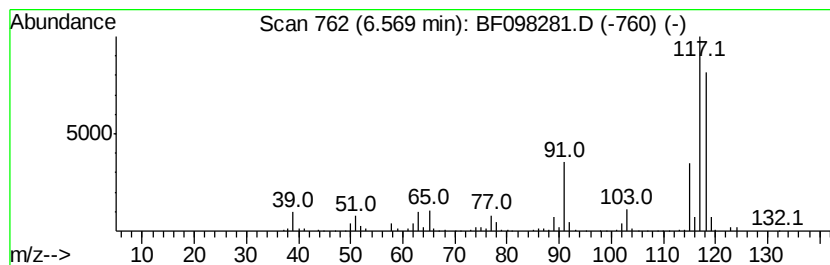
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	10.56 ng	412489	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
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ClientSampleId :
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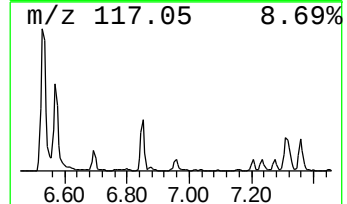
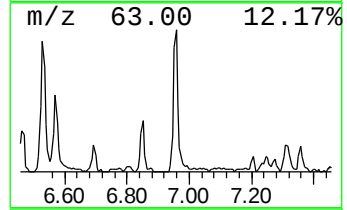
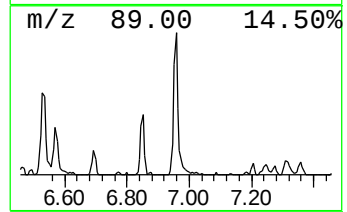
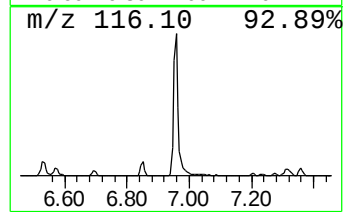
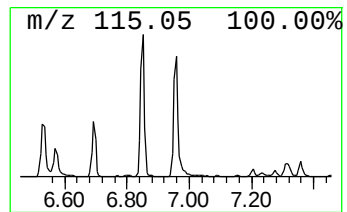
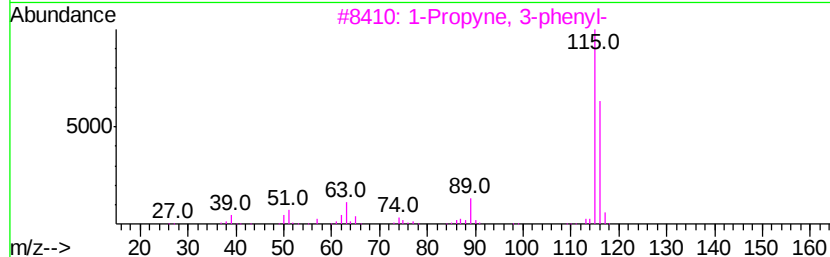
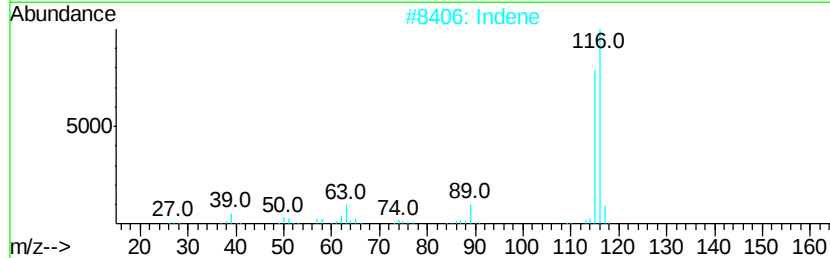
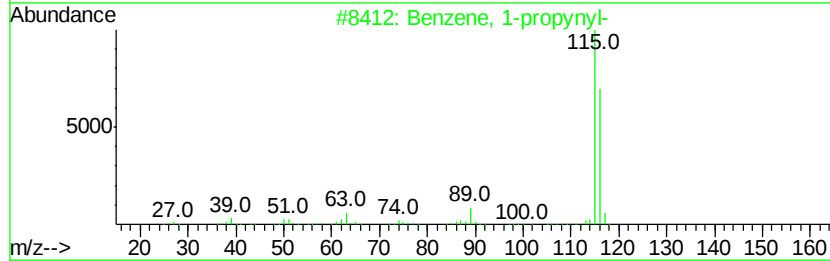
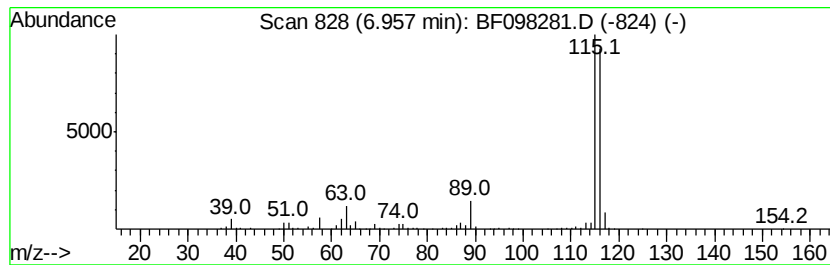
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	15.03 ng	586704	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2		Indene	116	C9H8	000095-13-6	94
3		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
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Misc :
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ClientSampleId :
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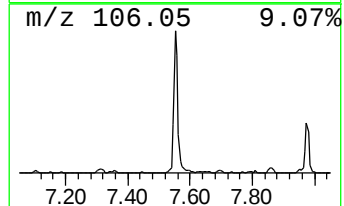
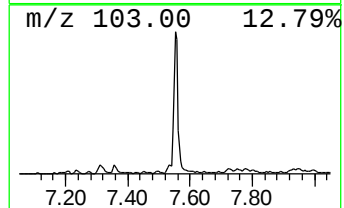
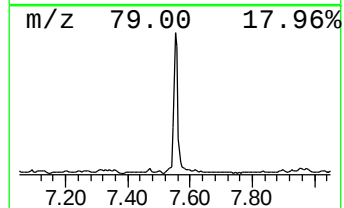
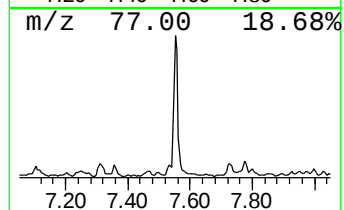
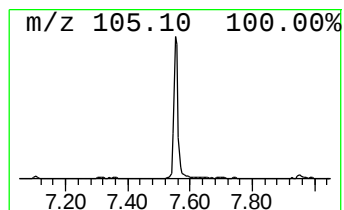
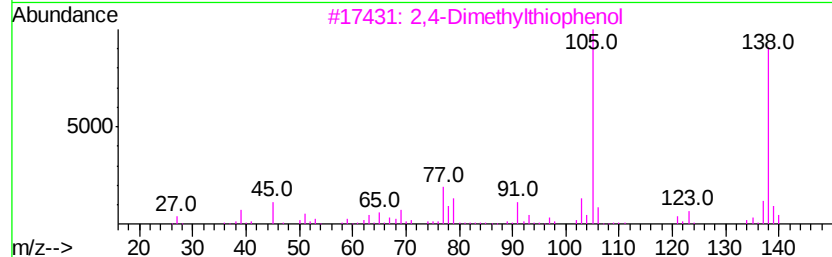
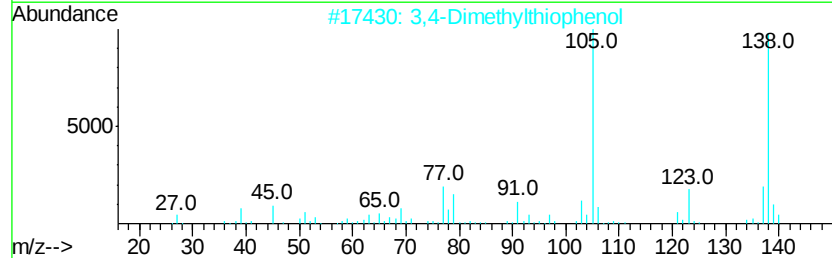
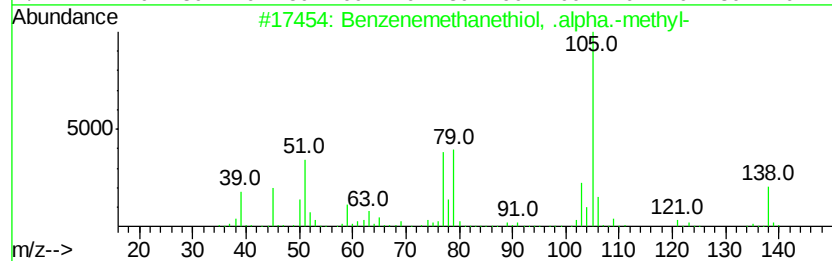
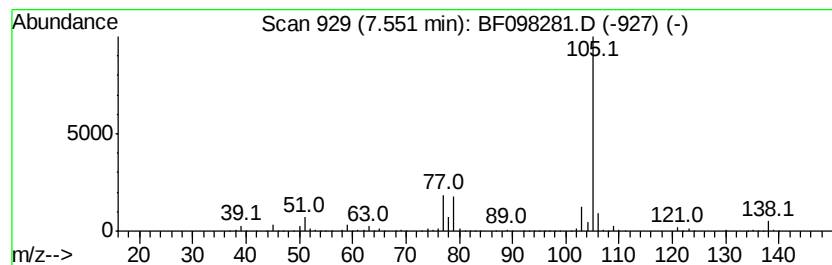
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenemethanethiol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	17.22 ng	775842	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
4		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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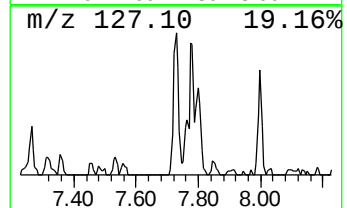
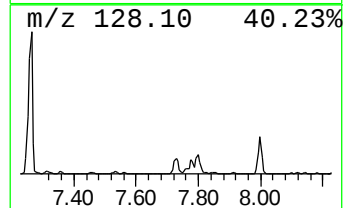
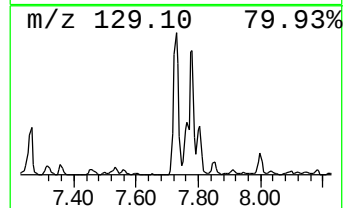
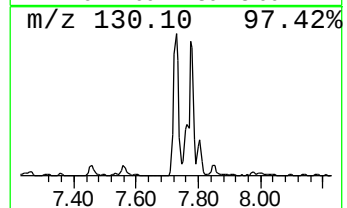
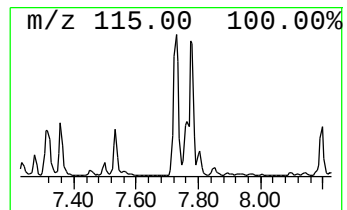
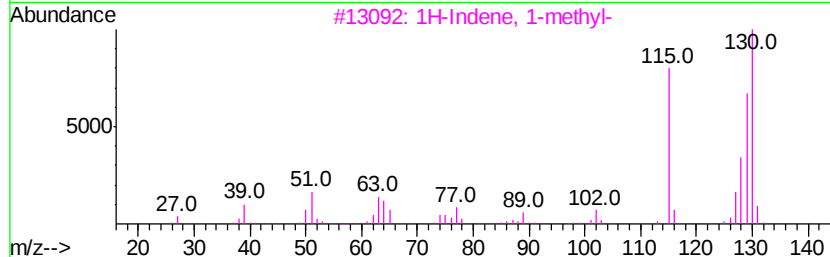
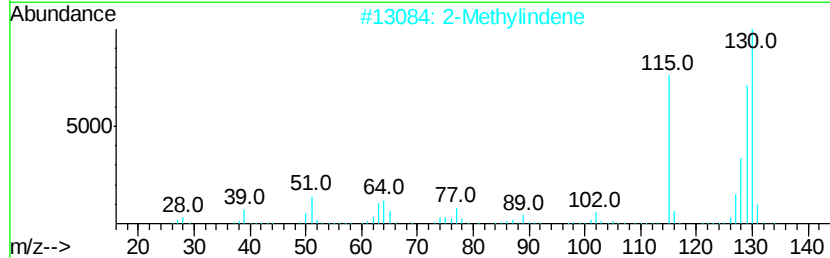
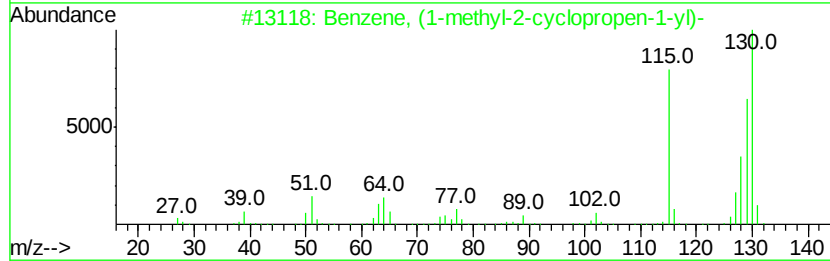
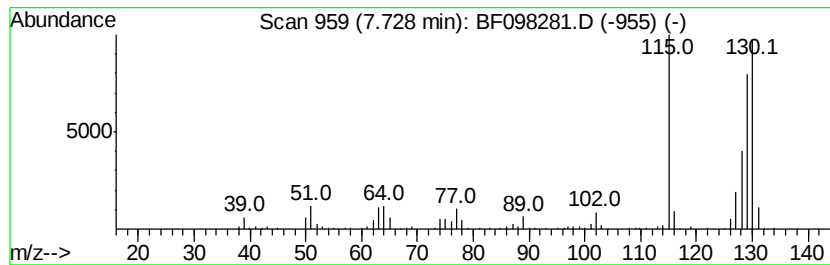
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1-methyl-2-cyclop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	8.54 ng	384667	Naphthalene-d8	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2			2-Methylindene	130	C10H10	002177-47-1	96
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
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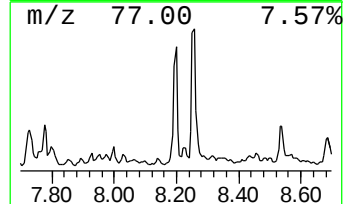
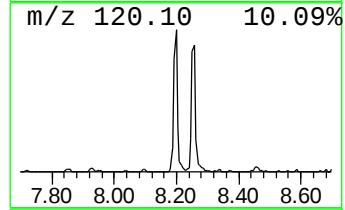
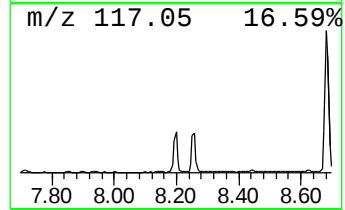
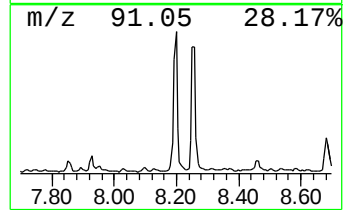
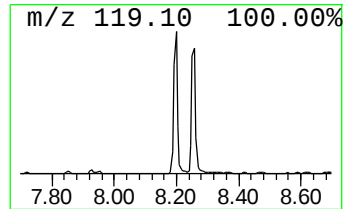
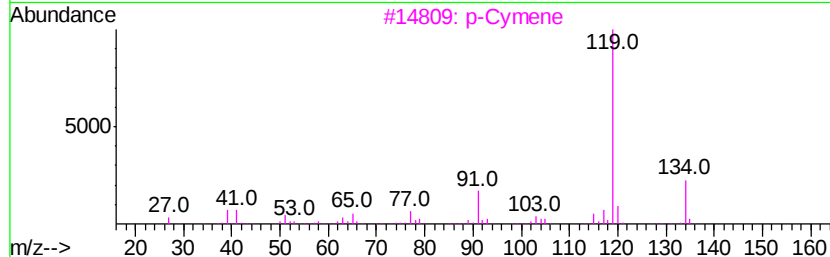
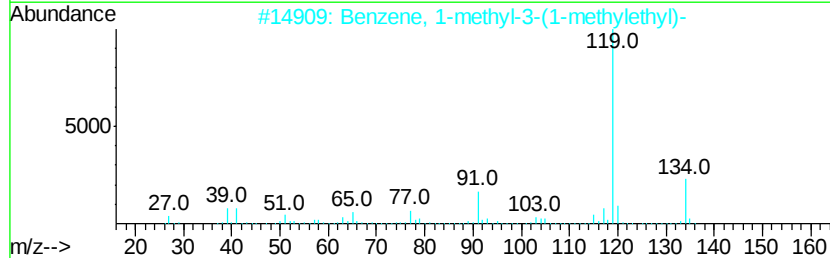
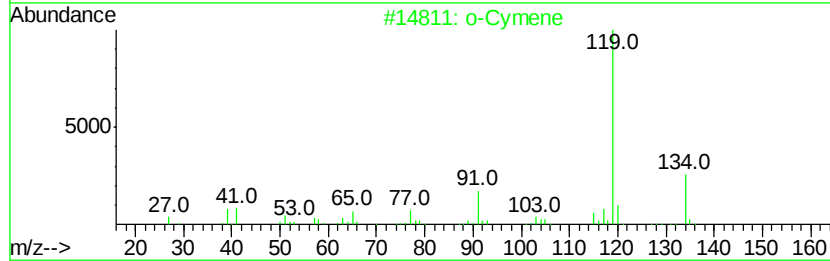
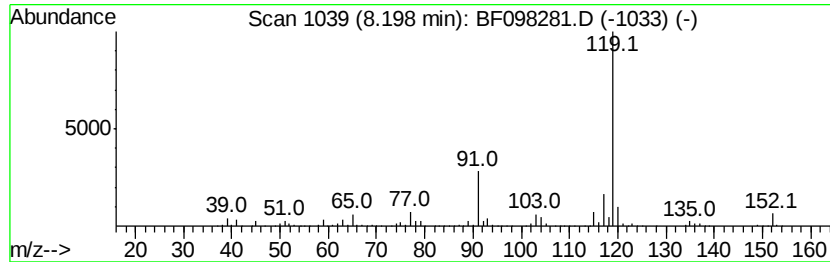
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	15.10 ng	680158	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3		p-Cymene	134	C10H14	000099-87-6	83
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
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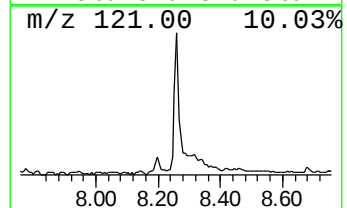
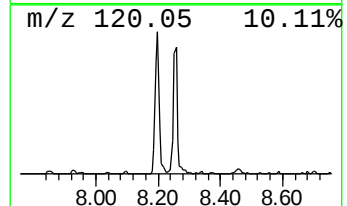
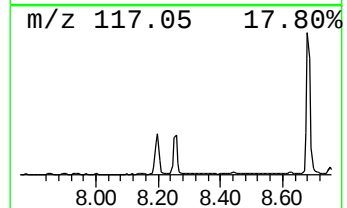
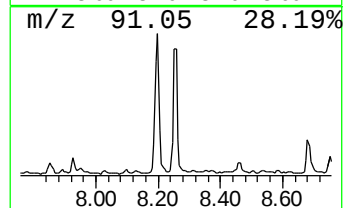
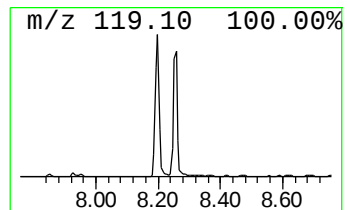
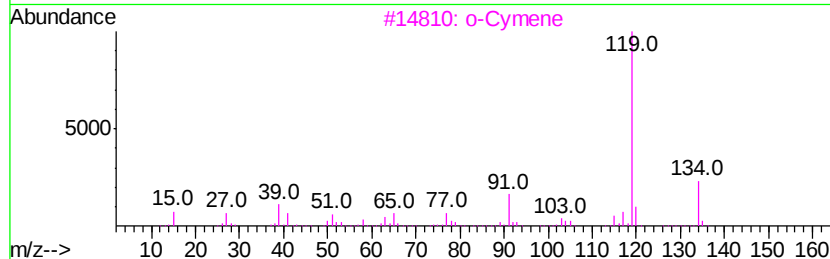
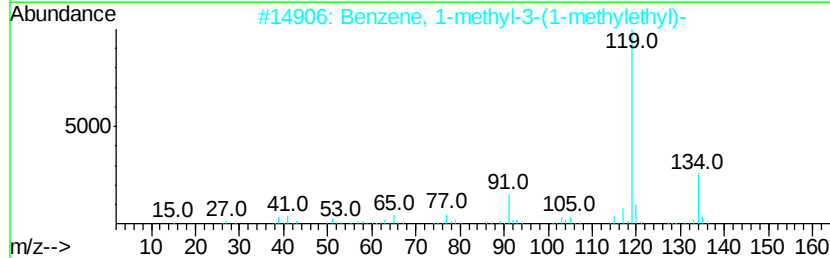
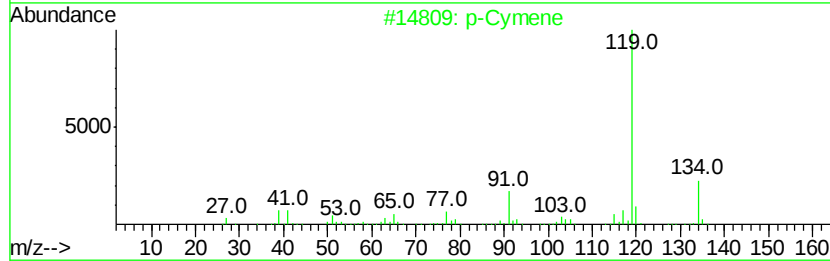
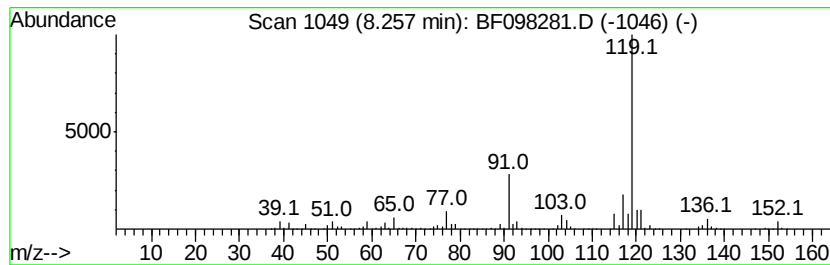
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	15.07 ng	678996	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	87
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3		o-Cymene	134	C10H14	000527-84-4	81
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
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ALS Vial : 9 Sample Multiplier: 1

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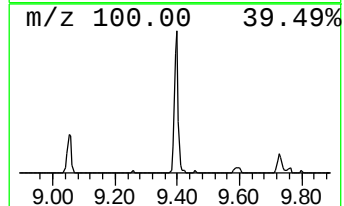
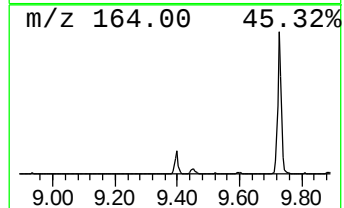
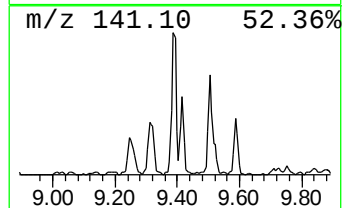
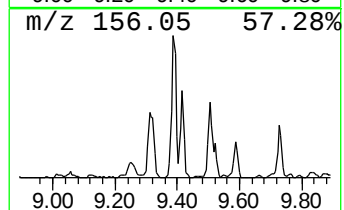
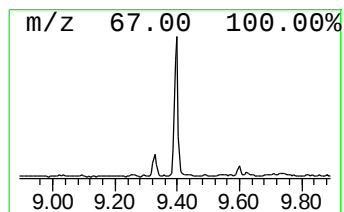
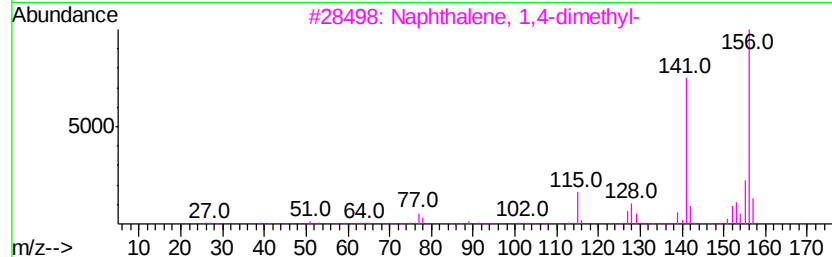
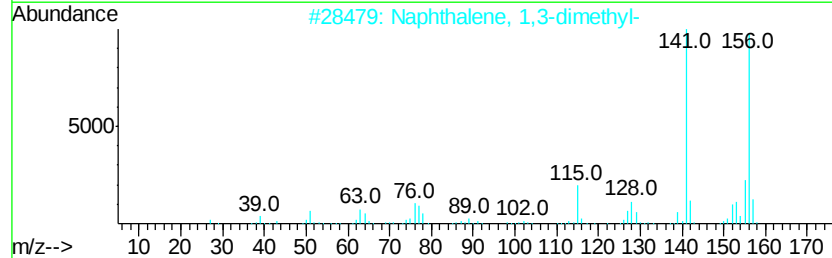
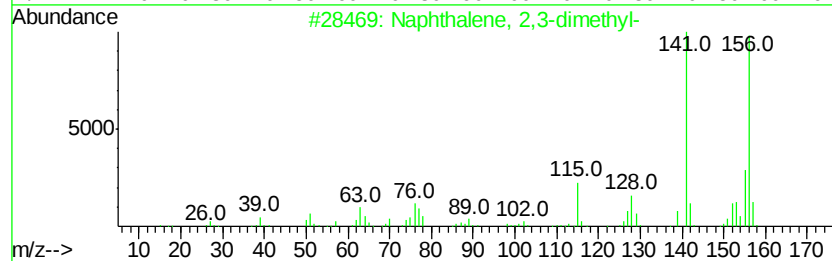
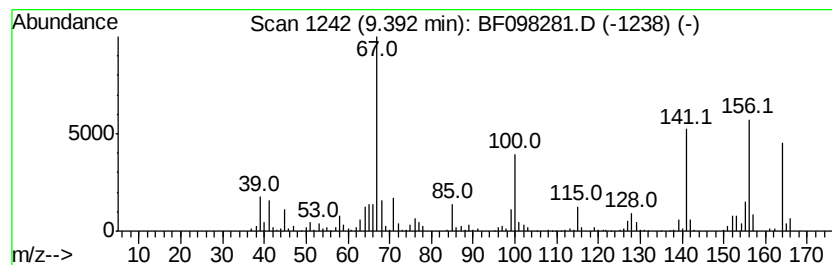
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	7.63 ng	330383	Acenaphthene-d10	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

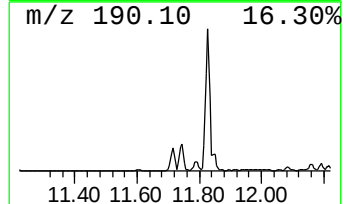
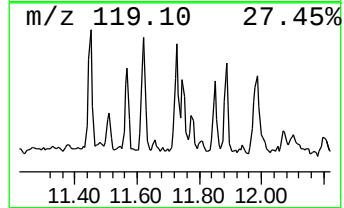
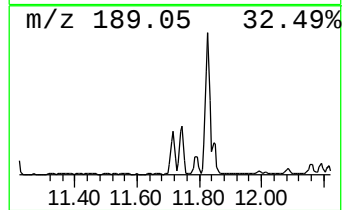
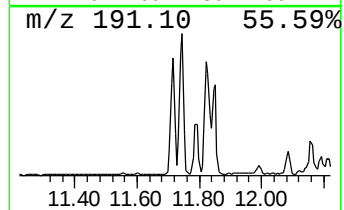
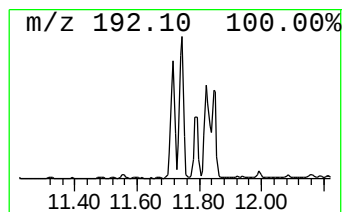
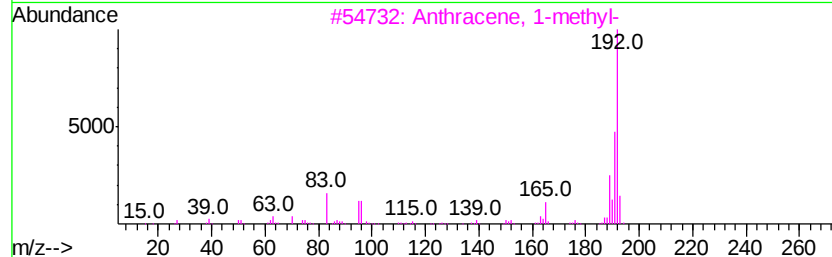
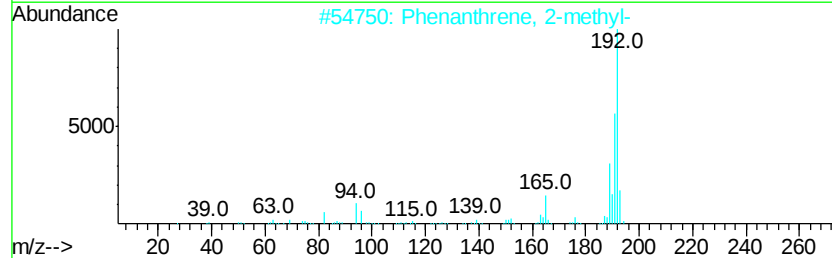
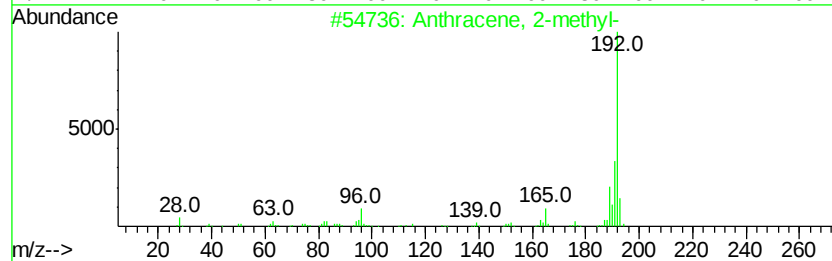
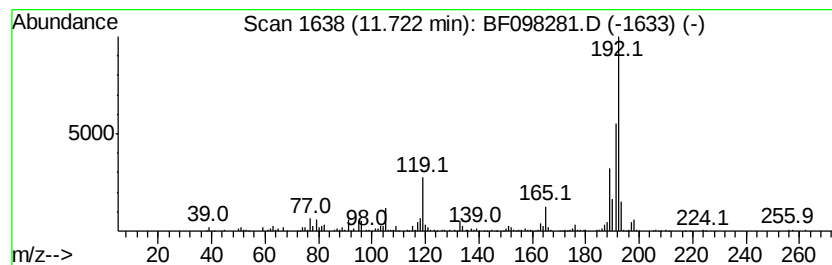
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	12.81 ng	460266	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

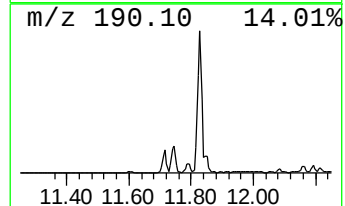
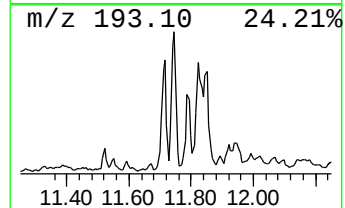
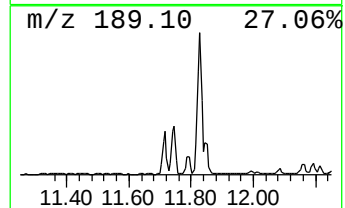
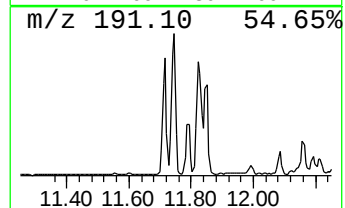
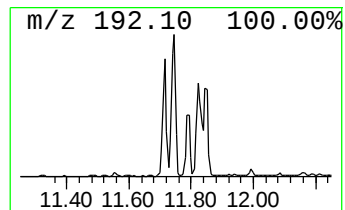
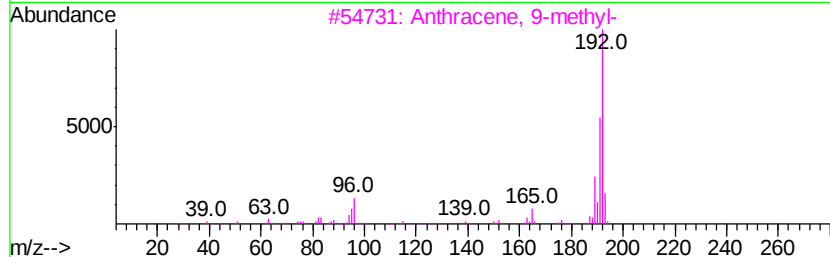
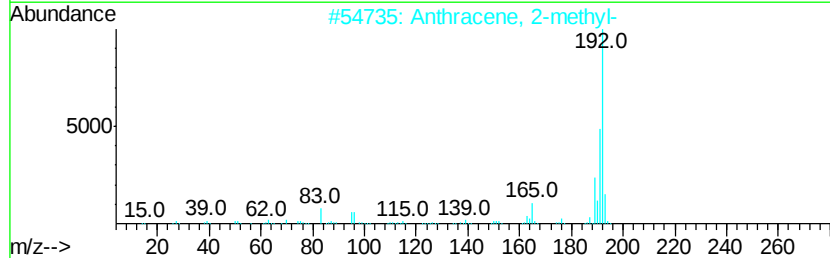
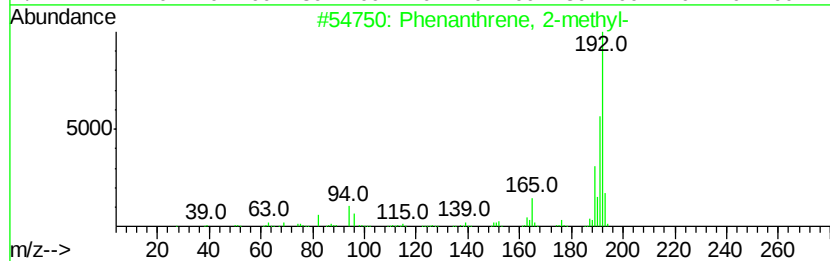
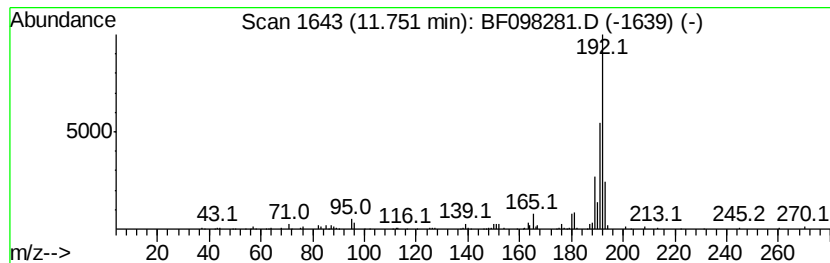
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.16 ng	508863	Phenanthrene-d10	11.22

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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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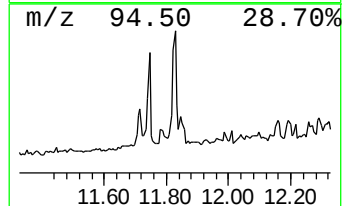
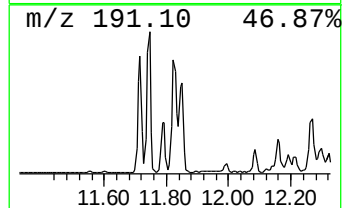
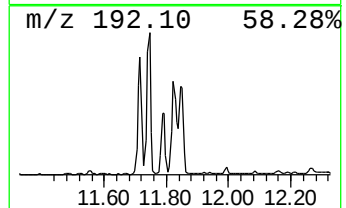
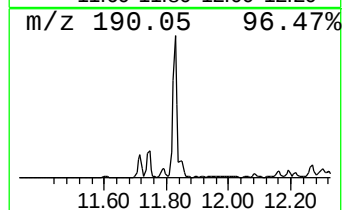
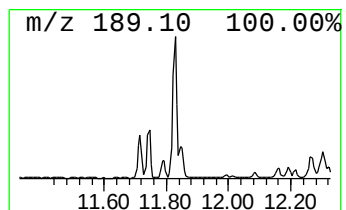
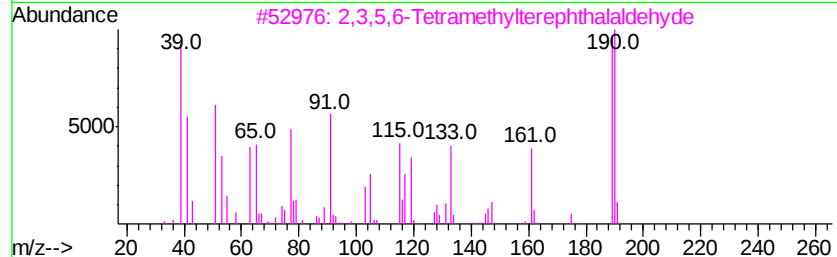
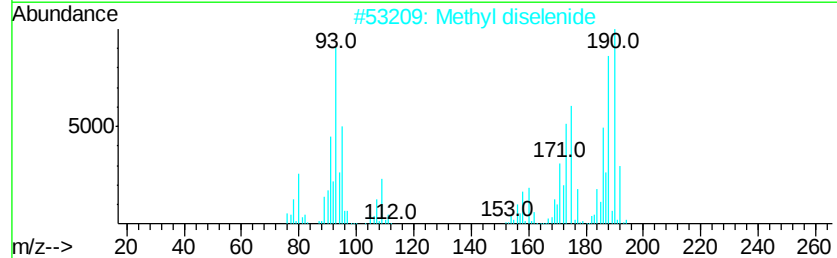
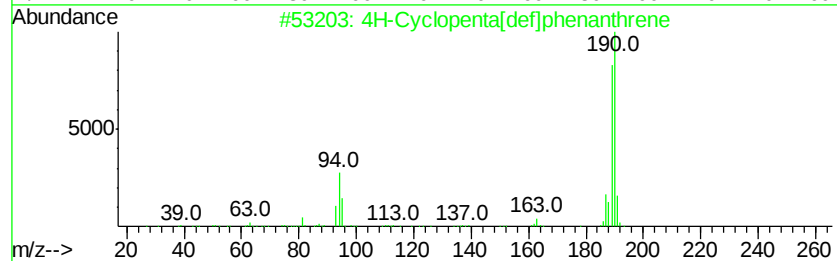
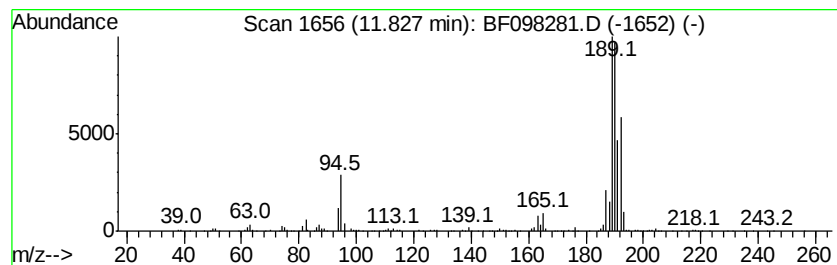
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	21.47 ng	771528	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Methyl diselenide	190	C2H6Se2	007101-31-7	38
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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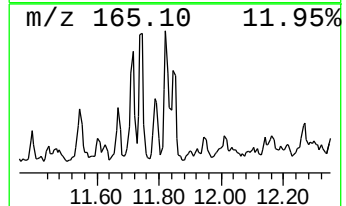
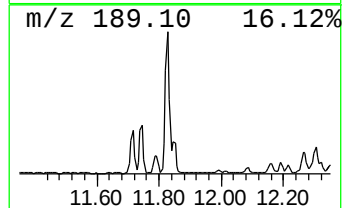
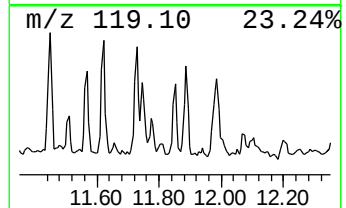
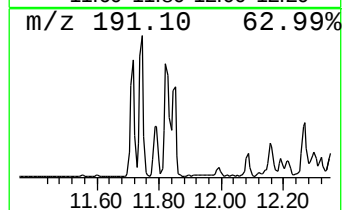
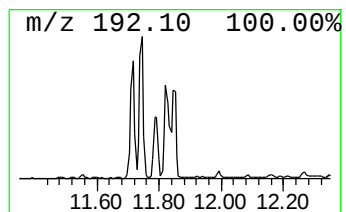
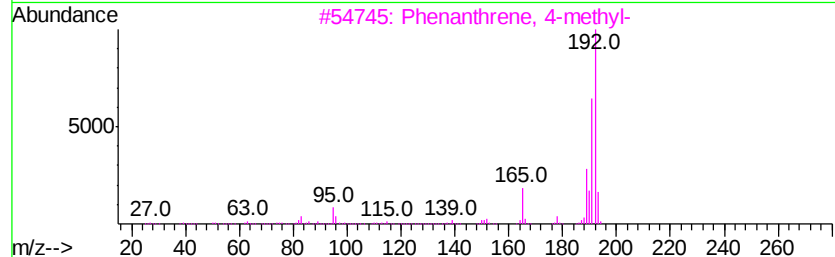
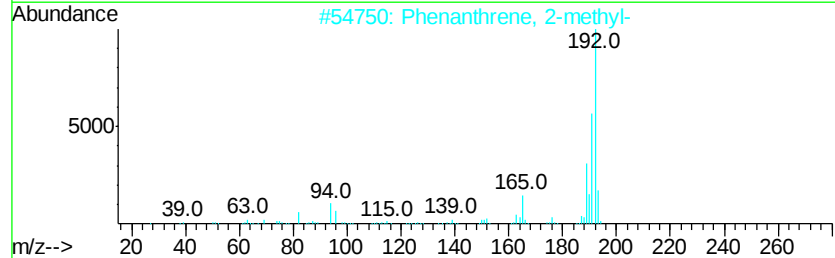
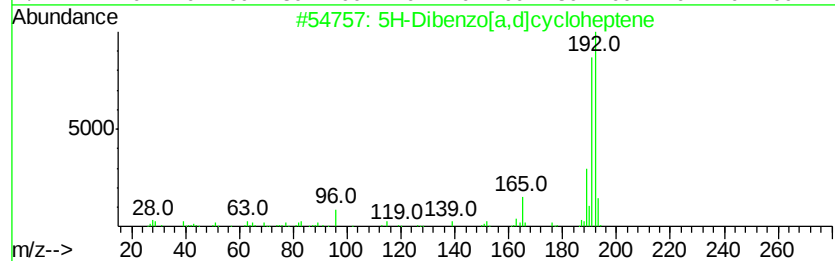
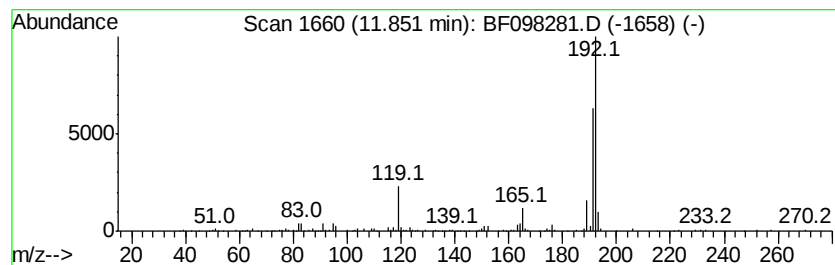
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5H-Dibenzo[a,d]cycloheptene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.03 ng	288691	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

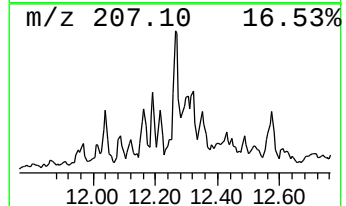
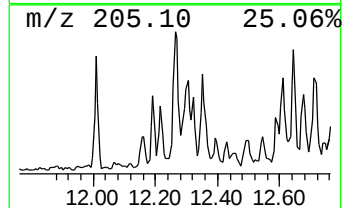
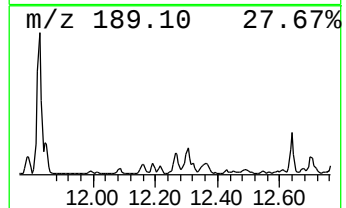
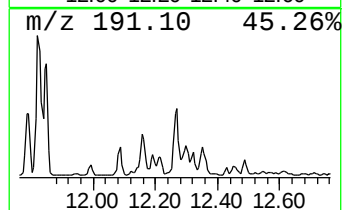
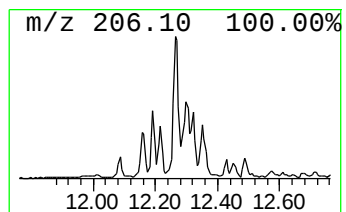
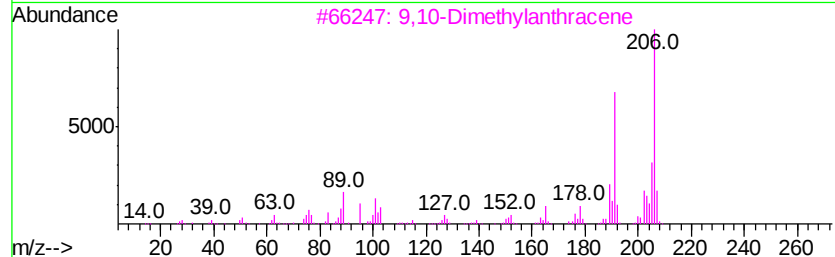
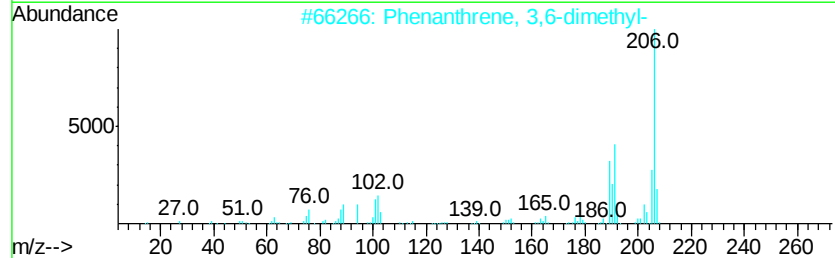
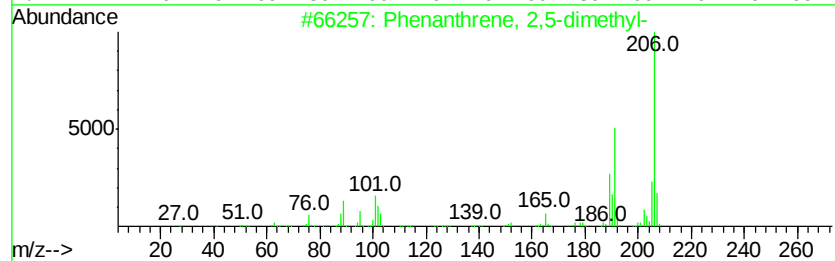
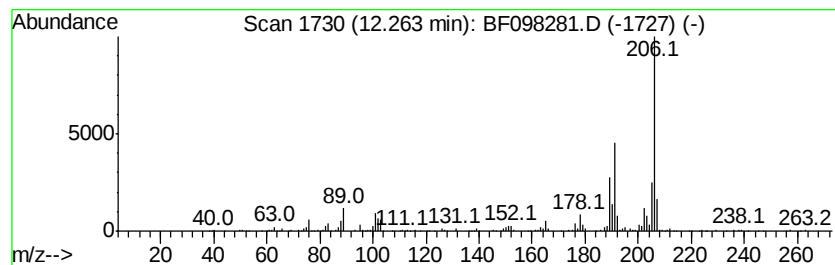
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.26	8.25 ng	296391	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
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Sample : I5084-02
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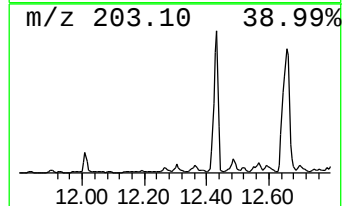
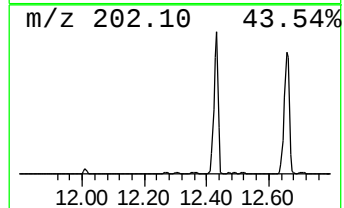
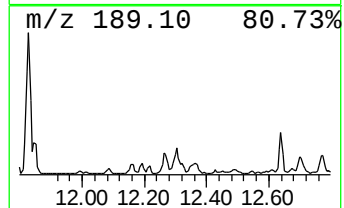
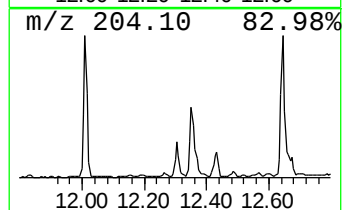
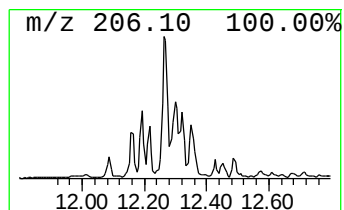
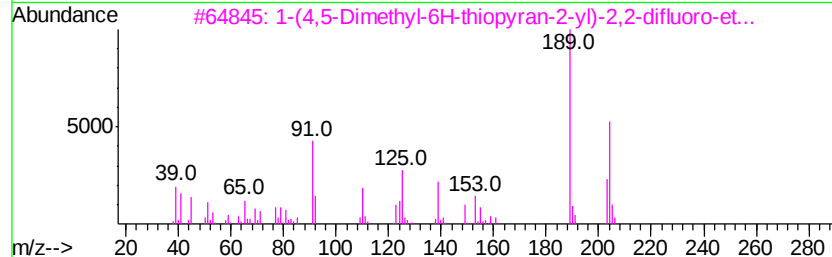
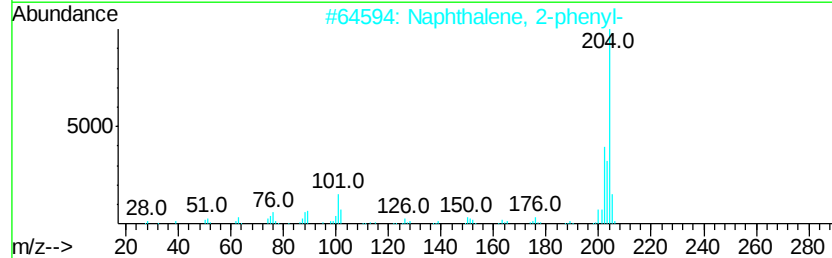
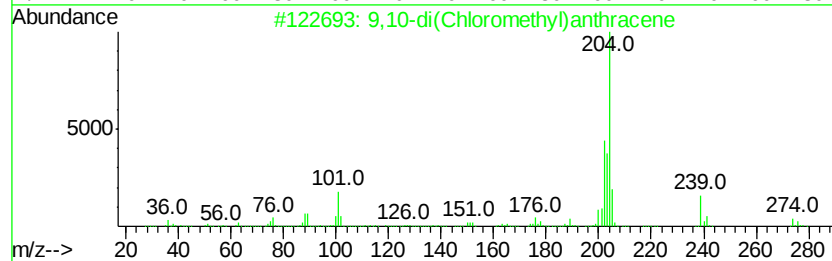
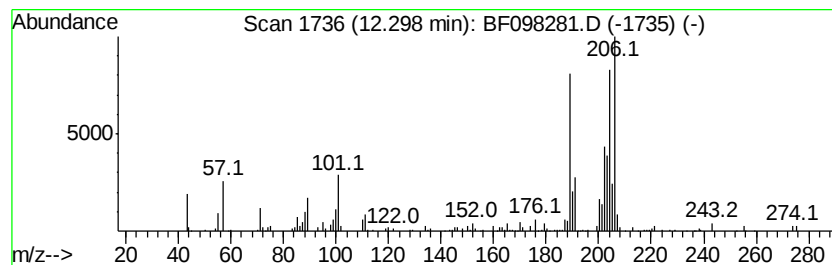
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ClientSampleId :
TP10-WC1

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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 9,10-di(Chloromethyl)anthra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	7.76 ng	278903	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	59
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
3	1-(4,5-Dimethyl-6H-thiopyran-2-yl)-2,2-difluoro-eth...	204	C9H10F2OS	1000318-25-0	47
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

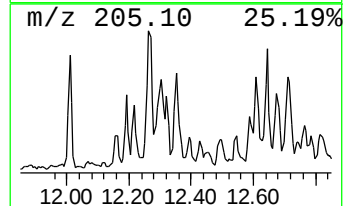
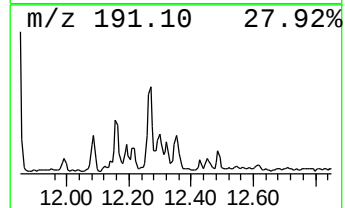
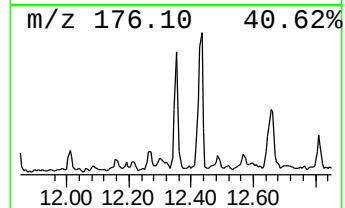
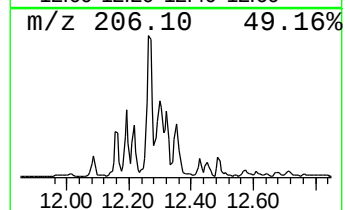
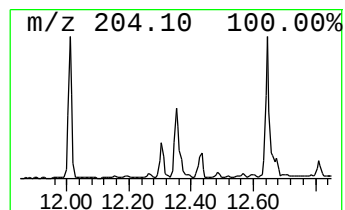
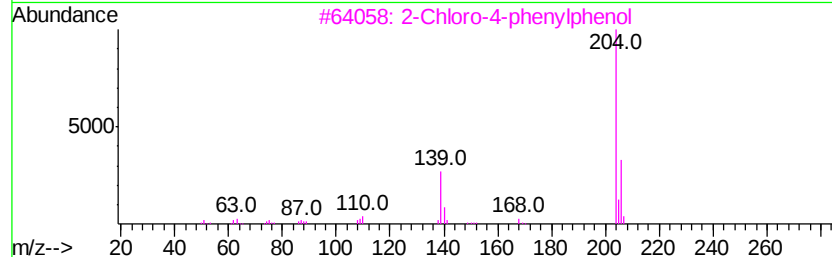
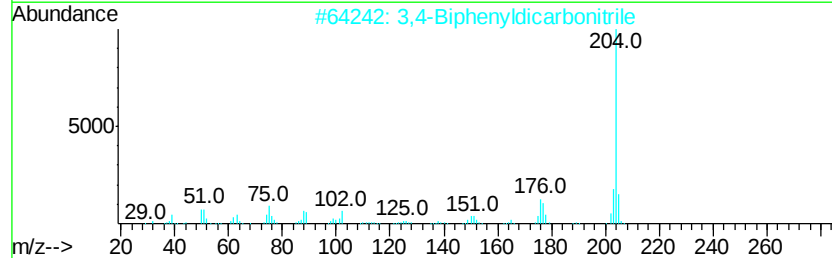
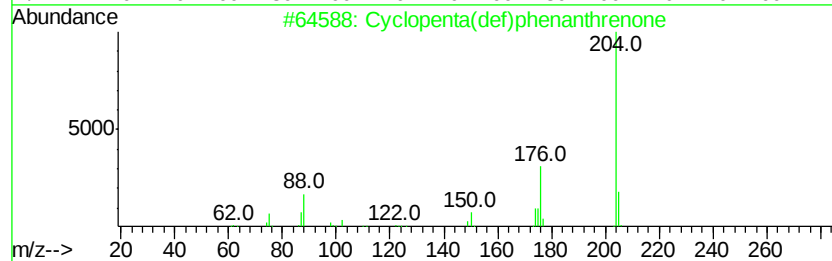
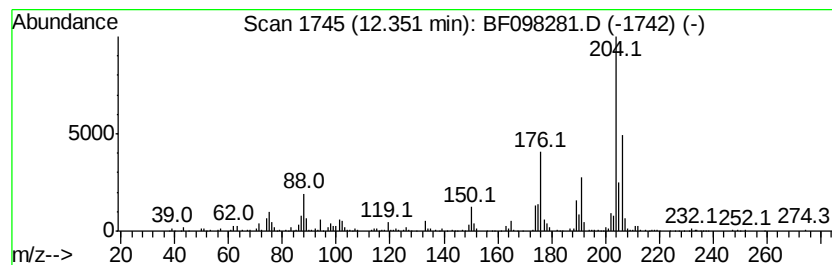
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.29 ng	298062	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
3		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5		.beta.-L-Mannopyranose, 6-deoxy-...	452	C18H44O5Si4	055057-22-2	37



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098281.D
Acq On : 6 Sep 2017 19:14
Operator : SJ/JU
Sample : I5084-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP10-WC1

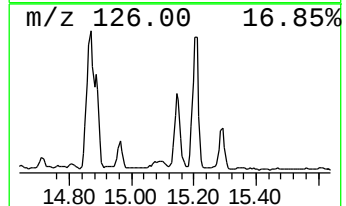
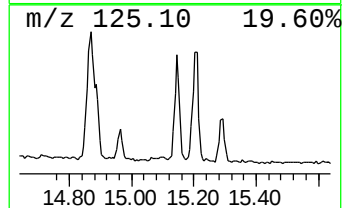
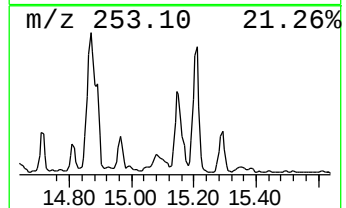
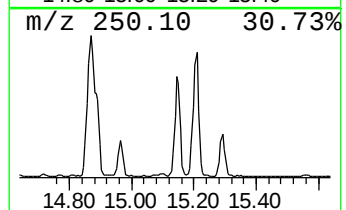
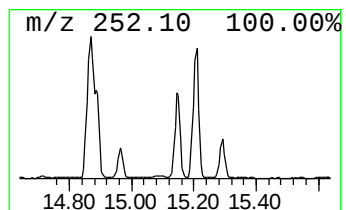
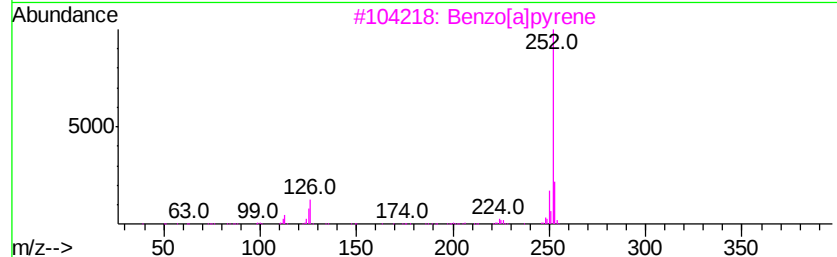
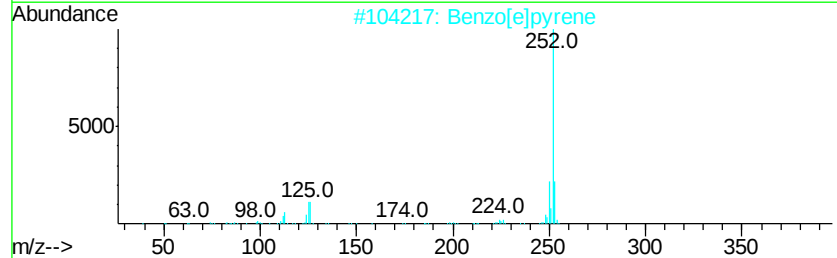
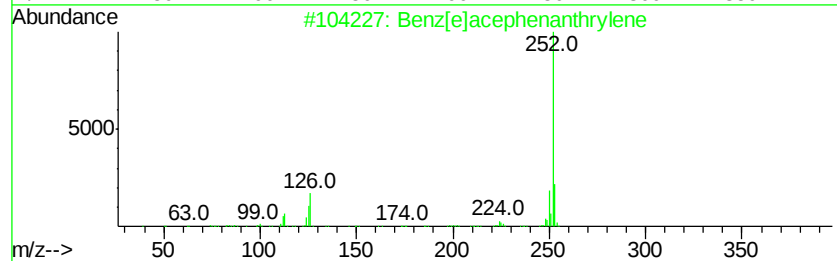
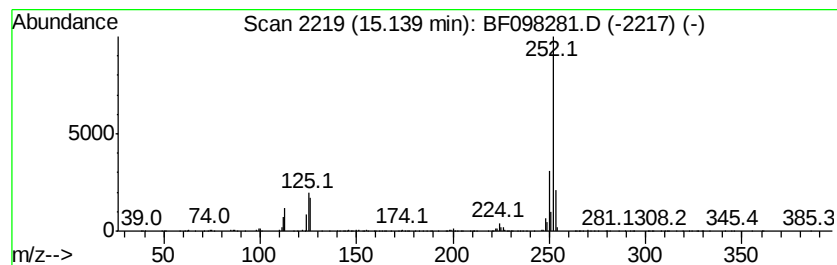
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	32.69 ng	828863	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Perylene	252	C20H12	000198-55-0	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF090617\
 Data File : BF098281.D
 Acq On : 6 Sep 2017 19:14
 Operator : SJ/JU
 Sample : I5084-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10-WC1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Bicyclo[4.2.0]oct...	5.51	20.4	ng	797642	1	6.69	780883	20.0
unknown6.46	6.46	57.2	ng	2233950	1	6.69	780883	20.0
Benzene, 1-etheny...	6.53	24.4	ng	951896	1	6.69	780883	20.0
Benzene, 1-etheny...	6.57	10.6	ng	412489	1	6.69	780883	20.0
Benzene, 1-propynyl-	6.96	15.0	ng	586704	1	6.69	780883	20.0
Benzenemethanethi...	7.55	17.2	ng	775842	2	7.97	901070	20.0
Benzene, (1-methy...	7.73	8.5	ng	384667	2	7.97	901070	20.0
o-Cymene	8.20	15.1	ng	680158	2	7.97	901070	20.0
p-Cymene	8.26	15.1	ng	678996	2	7.97	901070	20.0
Naphthalene, 2,3-...	9.39	7.6	ng	330383	3	9.73	865986	20.0
Anthracene, 2-met...	11.72	12.8	ng	460266	4	11.22	718679	20.0
Phenanthrene, 2-m...	11.75	14.2	ng	508863	4	11.22	718679	20.0
4H-Cyclopenta[def...	11.83	21.5	ng	771528	4	11.22	718679	20.0
5H-Dibenzo[a,d]cy...	11.85	8.0	ng	288691	4	11.22	718679	20.0
Phenanthrene, 2,5...	12.26	8.3	ng	296391	4	11.22	718679	20.0
9,10-di(Chloromet...	12.30	7.8	ng	278903	4	11.22	718679	20.0
Cyclopenta(def)ph...	12.35	8.3	ng	298062	4	11.22	718679	20.0
Benzo[e]pyrene	15.14	32.7	ng	828863	6	15.26	507034	20.0