

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112091.D
 Acq On : 17 Jan 2019 16:05
 Operator : JU/SJ
 Sample : K1167-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLOVER-YARD-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	21	rVB	188834	258840	2.97%	0.223%
2	3.428	223	228	237	rBV4	73301	234715	2.69%	0.202%
3	3.599	253	257	264	rVB	104910	159825	1.83%	0.138%
4	5.093	507	511	518	rBV	392557	550842	6.32%	0.475%
5	5.351	551	555	559	rBV	210856	196786	2.26%	0.170%
6	5.504	576	581	584	rBV	7420696	7614639	87.37%	6.567%
7	5.704	610	615	624	rBV	1148385	1290676	14.81%	1.113%
8	6.510	747	752	760	rVV	6866040	8715353	100.00%	7.516%
9	6.640	769	774	777	rBV	8365967	8336585	95.65%	7.189%
10	6.698	780	784	788	rBV	1137345	1303140	14.95%	1.124%
11	6.740	788	791	797	rVB	614707	556689	6.39%	0.480%
12	6.863	808	812	819	rVB	2318627	2043007	23.44%	1.762%
13	7.022	834	839	842	rBV	6672427	6073450	69.69%	5.238%
14	7.122	853	856	863	rVB	554765	728579	8.36%	0.628%
15	7.257	873	879	882	rBV6	208578	264083	3.03%	0.228%
16	7.422	899	907	910	rBV	4639545	5281295	60.60%	4.554%
17	7.475	913	916	919	rVV	231928	214647	2.46%	0.185%
18	7.522	919	924	927	rVB3	253572	385969	4.43%	0.333%
19	7.622	937	941	942	rBV4	167587	178093	2.04%	0.154%
20	7.669	946	949	951	rVB4	266173	223031	2.56%	0.192%
21	7.698	951	954	955	rBV	338189	299233	3.43%	0.258%
22	7.716	955	957	960	rVV	1521987	1150878	13.21%	0.992%
23	7.787	966	969	973	rBV2	390581	379363	4.35%	0.327%
24	7.898	984	988	991	rBV5	339706	549983	6.31%	0.474%
25	7.945	991	996	997	rVV3	351374	362505	4.16%	0.313%
26	7.963	997	999	1005	rVB2	389758	443588	5.09%	0.383%
27	8.028	1005	1010	1012	rBV2	356236	491724	5.64%	0.424%
28	8.092	1018	1021	1022	rBV3	200681	193895	2.22%	0.167%
29	8.145	1025	1030	1032	rVV	2851446	2820223	32.36%	2.432%
30	8.163	1032	1033	1036	rVV	632324	444057	5.10%	0.383%
31	8.204	1036	1040	1043	rVB2	833312	826432	9.48%	0.713%
32	8.234	1043	1045	1047	rBV2	253580	212827	2.44%	0.184%
33	8.298	1053	1056	1058	rBV4	260774	324520	3.72%	0.280%
34	8.357	1062	1066	1069	rBV2	1566200	1581465	18.15%	1.364%

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35	8.416	1073	1076	1079	rBV	1700621	1730253	19.85%	1.492%
36	8.492	1086	1089	1091	rBV3	273839	270375	3.10%	0.233%
37	8.534	1094	1096	1098	rVB2	258625	212136	2.43%	0.183%
38	8.569	1098	1102	1104	rBV	1504565	1342742	15.41%	1.158%
39	8.587	1104	1105	1107	rVV	592082	497245	5.71%	0.429%
40	8.610	1107	1109	1112	rVB2	686864	611223	7.01%	0.527%
41	8.651	1114	1116	1119	rBV2	332893	271043	3.11%	0.234%
42	8.692	1119	1123	1127	rBV3	755526	932905	10.70%	0.805%
43	8.734	1128	1130	1134	rVB4	301420	308454	3.54%	0.266%
44	8.781	1134	1138	1140	rBV4	383958	564754	6.48%	0.487%
45	8.834	1144	1147	1149	rBV	474299	518101	5.94%	0.447%
46	8.892	1155	1157	1159	rVB2	378008	287499	3.30%	0.248%
47	8.928	1159	1163	1165	rBV3	403473	633326	7.27%	0.546%
48	8.957	1165	1168	1172	rVB4	449447	533303	6.12%	0.460%
49	9.028	1177	1180	1182	rBV2	723881	827358	9.49%	0.713%
50	9.051	1182	1184	1188	rVB4	429964	504023	5.78%	0.435%
51	9.139	1196	1199	1201	rBV2	868875	693036	7.95%	0.598%
52	9.169	1201	1204	1207	rVV	1956536	1643715	18.86%	1.417%
53	9.222	1209	1213	1216	rVB	7854863	7316906	83.95%	6.310%
54	9.304	1223	1227	1231	rBV3	1271678	1745754	20.03%	1.505%
55	9.345	1231	1234	1237	rBV	1247497	1230685	14.12%	1.061%
56	9.416	1244	1246	1250	rVB4	451898	427607	4.91%	0.369%
57	9.516	1261	1263	1266	rBV3	321710	392186	4.50%	0.338%
58	9.557	1268	1270	1272	rVV2	364960	268130	3.08%	0.231%
59	9.622	1276	1281	1284	rBV3	2653340	3459690	39.70%	2.984%
60	9.763	1302	1305	1309	rBV	1145679	1442521	16.55%	1.244%
61	9.816	1311	1314	1316	rVB	617717	607883	6.97%	0.524%
62	9.869	1321	1323	1325	rVV2	522581	551131	6.32%	0.475%
63	9.898	1325	1328	1332	rVB	2807161	2905284	33.34%	2.505%
64	9.934	1332	1334	1336	rBV2	306644	289516	3.32%	0.250%
65	10.157	1369	1372	1378	rVB3	498595	632440	7.26%	0.545%
66	10.310	1396	1398	1399	rBV	244356	195986	2.25%	0.169%
67	10.351	1403	1405	1408	rVB2	292760	274392	3.15%	0.237%
68	10.551	1436	1439	1445	rVB2	566803	675250	7.75%	0.582%
69	10.692	1459	1463	1466	rVB	4786751	4318114	49.55%	3.724%
70	10.816	1479	1484	1490	rVB	742629	953932	10.95%	0.823%
71	11.280	1560	1563	1567	rVB	312933	292071	3.35%	0.252%

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72	11.386	1577	1581	1583	rBV	2697127	2250872	25.83%	1.941%
73	11.410	1583	1585	1591	rVB	480382	414735	4.76%	0.358%
74	11.457	1591	1593	1597	rVB	212682	186121	2.14%	0.161%
75	11.675	1628	1630	1634	rVB2	212932	190263	2.18%	0.164%
76	11.886	1663	1666	1668	rBV2	222908	242722	2.78%	0.209%
77	11.910	1668	1670	1673	rVB2	240666	251616	2.89%	0.217%
78	11.998	1682	1685	1687	rBV2	264362	252359	2.90%	0.218%
79	12.151	1708	1711	1713	rBV	144131	155553	1.78%	0.134%
80	12.469	1763	1765	1768	rVV2	151767	153386	1.76%	0.132%
81	12.598	1784	1787	1791	rVB	566634	464415	5.33%	0.400%
82	12.692	1800	1803	1806	rBV2	256972	262187	3.01%	0.226%
83	12.827	1823	1826	1833	rVB	845021	808903	9.28%	0.698%
84	12.969	1846	1850	1854	rVB	6353253	5983171	68.65%	5.160%
85	13.045	1860	1863	1870	rVB2	171251	224471	2.58%	0.194%
86	13.139	1876	1879	1880	rBV3	147384	172246	1.98%	0.149%
87	13.863	1999	2002	2011	rVB5	345177	498235	5.72%	0.430%
88	14.027	2025	2030	2033	rBV2	2457797	2688776	30.85%	2.319%
89	14.051	2033	2034	2039	rVB	486471	391812	4.50%	0.338%
90	14.416	2094	2096	2099	rVB	243897	187649	2.15%	0.162%
91	14.486	2106	2108	2114	rVB3	239976	314161	3.60%	0.271%
92	14.798	2158	2161	2164	rVB2	198054	203719	2.34%	0.176%
93	15.068	2204	2207	2210	rBV	484014	682182	7.83%	0.588%
94	15.133	2215	2218	2222	rVB	238423	256535	2.94%	0.221%
95	15.374	2256	2259	2265	rVB	387718	483316	5.55%	0.417%
96	15.439	2266	2270	2275	rVB	359249	432823	4.97%	0.373%
97	15.504	2276	2281	2288	rBV	1458999	1937048	22.23%	1.670%
98	15.951	2354	2357	2362	rVB	158871	209196	2.40%	0.180%
99	16.980	2528	2532	2540	rVB2	203859	351178	4.03%	0.303%
100	17.427	2604	2608	2617	rVB	136829	259161	2.97%	0.223%

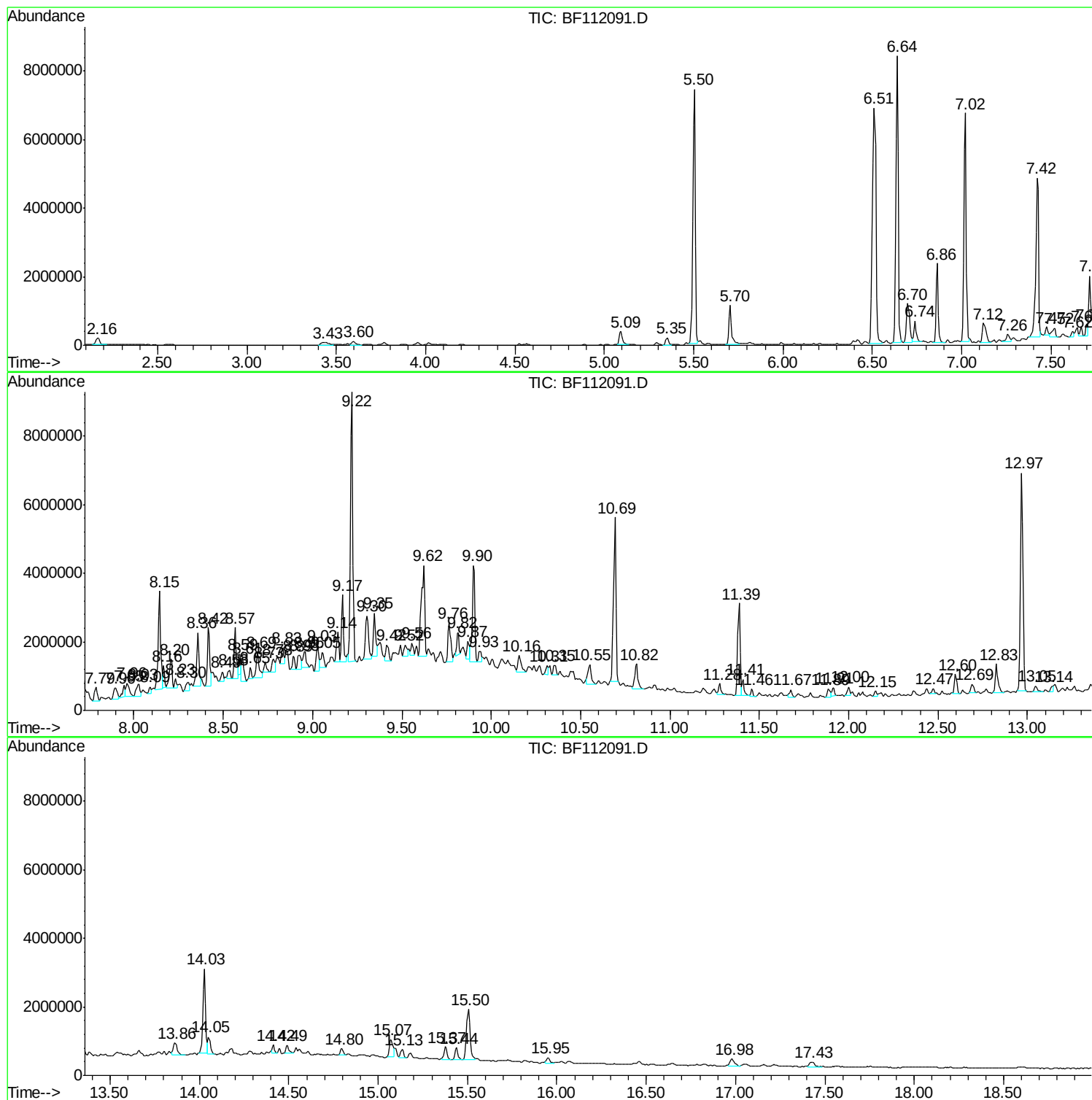
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Instrument :
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ClientSampleId :
CLOVER-YARD-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.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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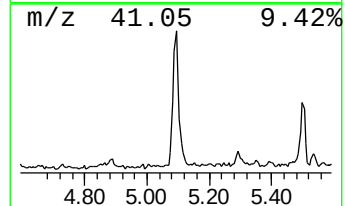
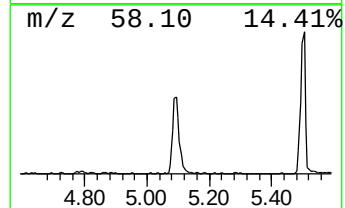
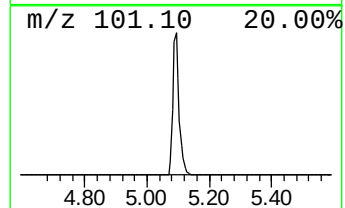
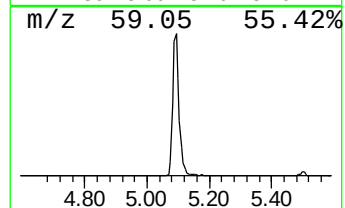
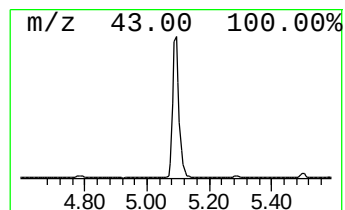
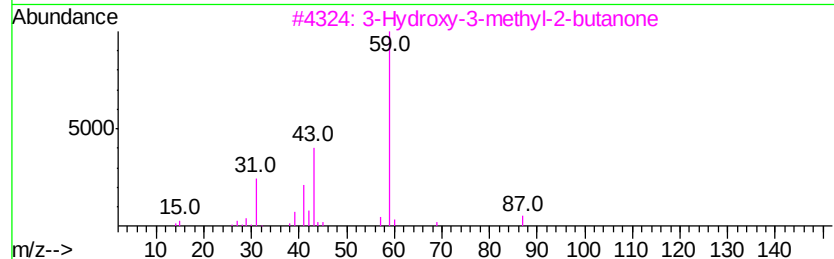
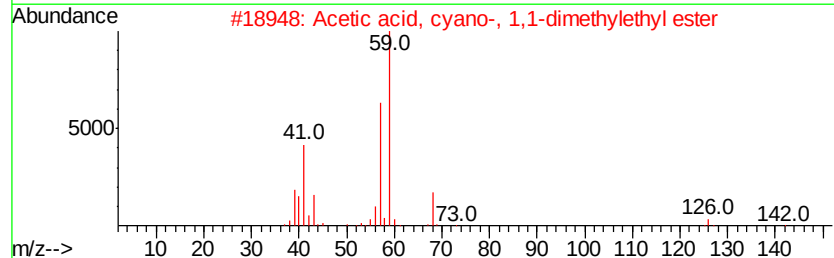
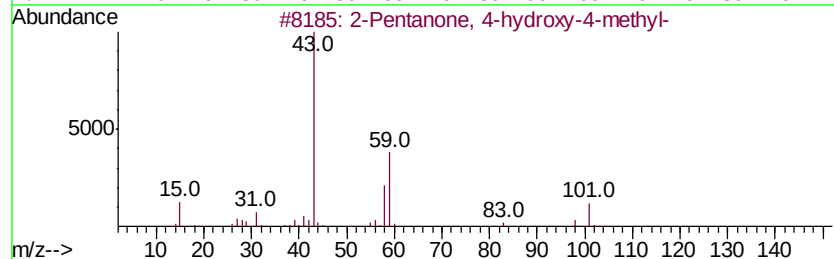
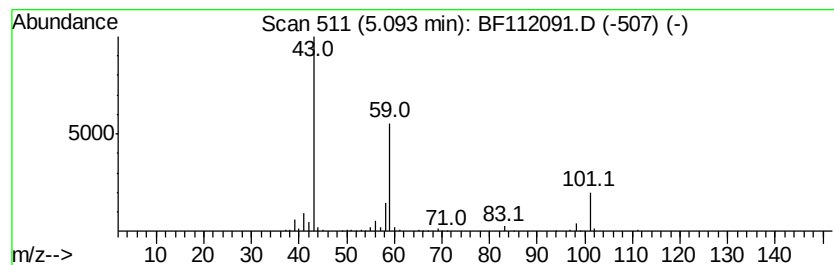
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.39 ng	550842	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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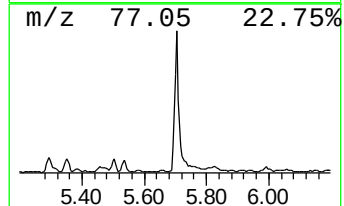
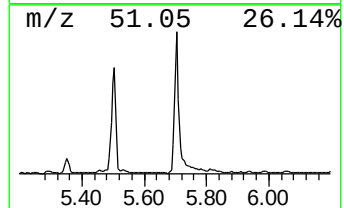
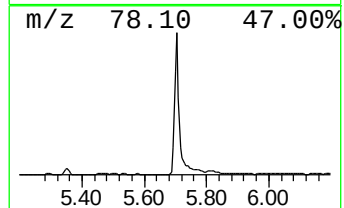
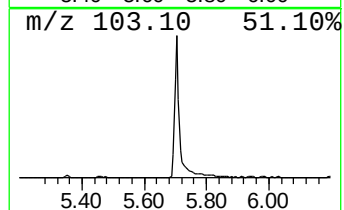
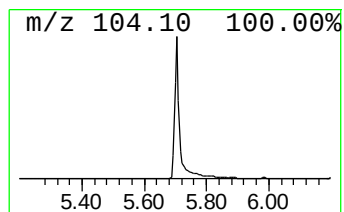
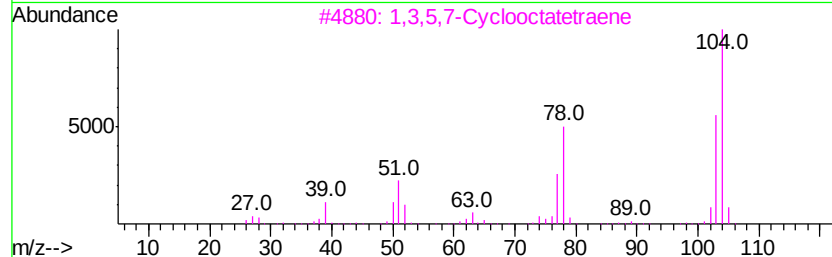
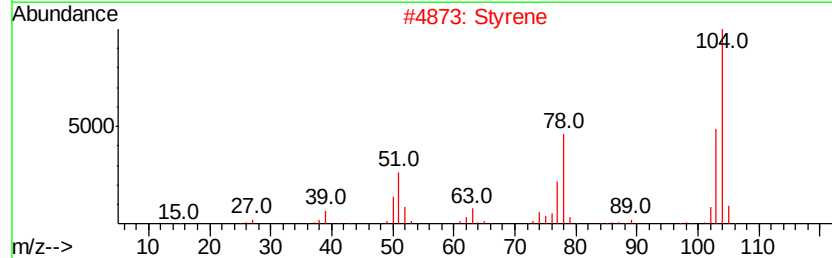
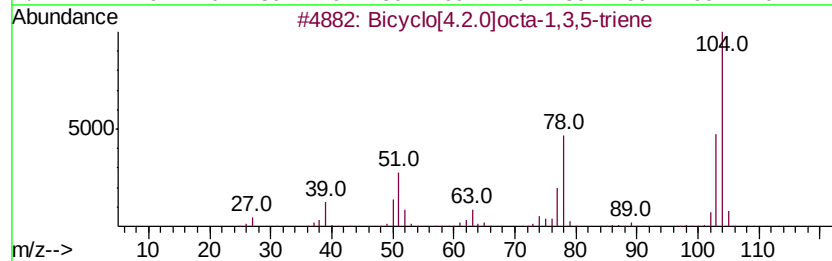
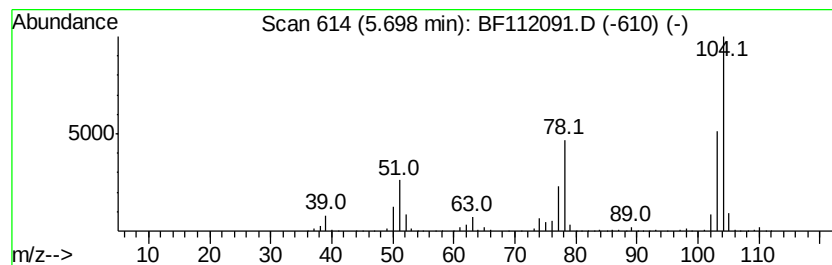
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	12.64 ng	1290680	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2			Styrene	104	C8H8	000100-42-5	96
3			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4			2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	43
5			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	42



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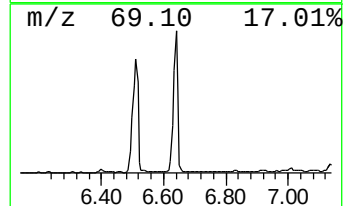
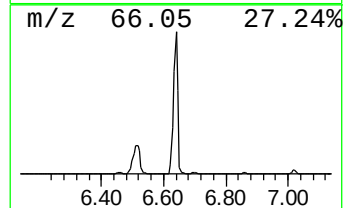
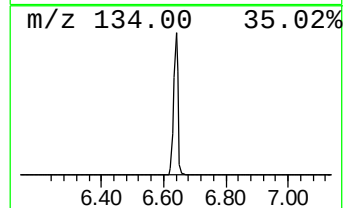
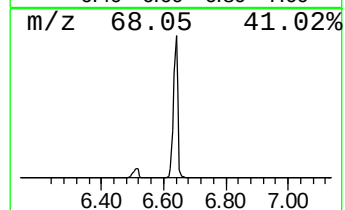
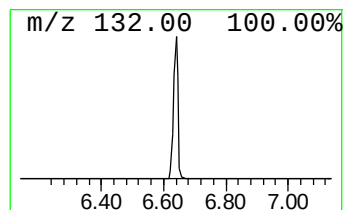
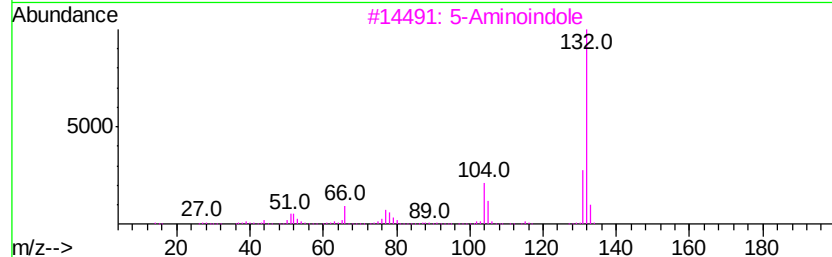
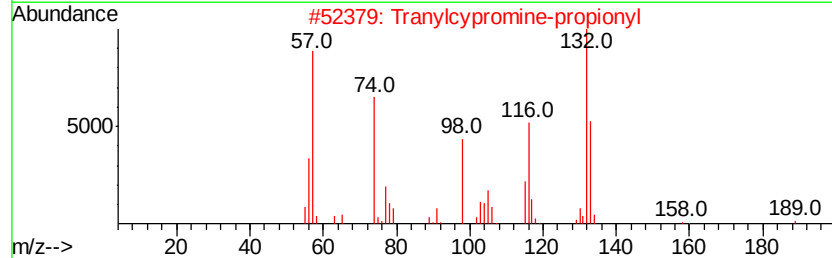
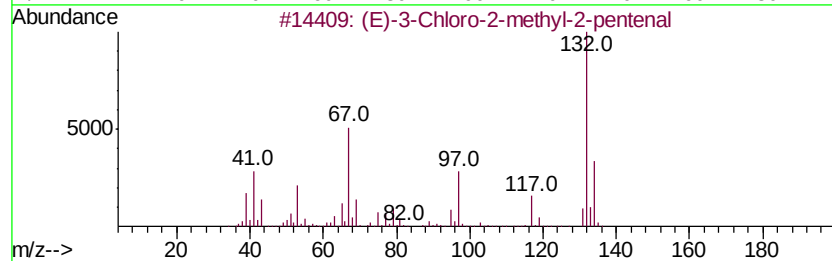
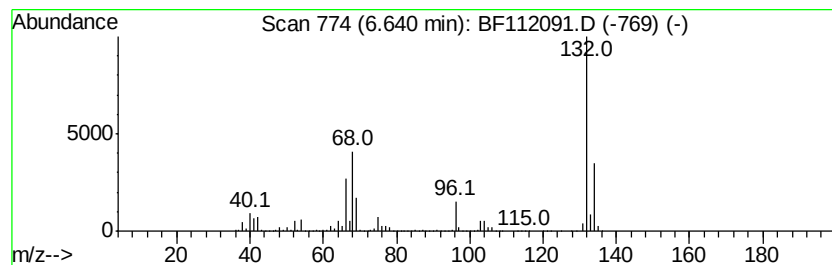
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	81.61 ng	8336590	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112091.D
Acq On : 17 Jan 2019 16:05
Operator : JU/SJ
Sample : K1167-09
Misc :
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Instrument :
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ClientSampleId :
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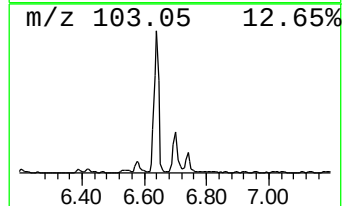
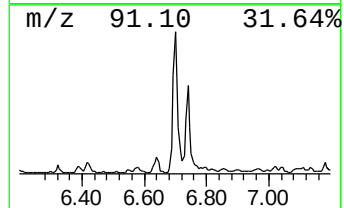
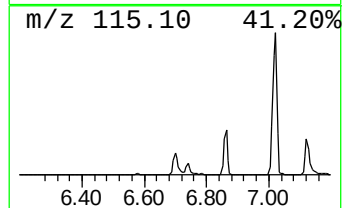
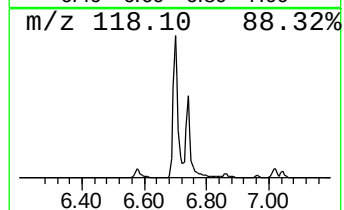
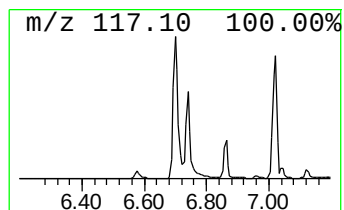
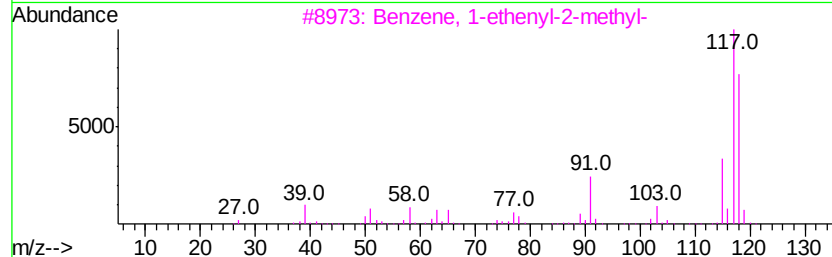
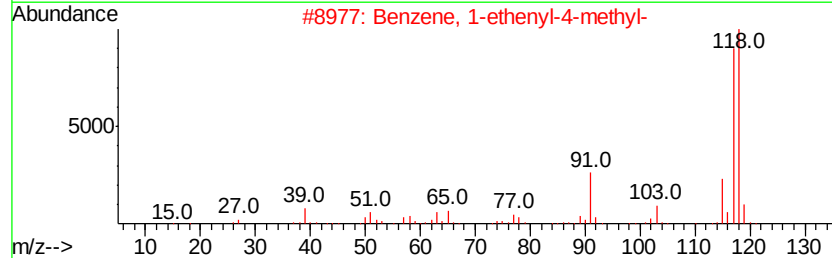
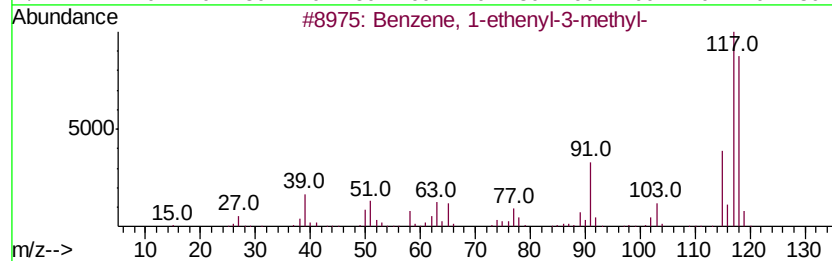
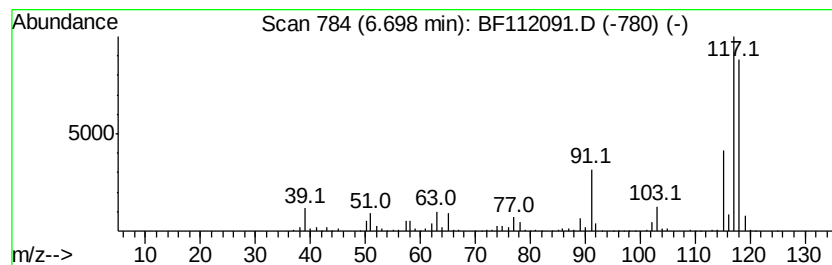
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	12.76 ng	1303140	1,4-Dichlorobenzene-d4	6.86

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-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90



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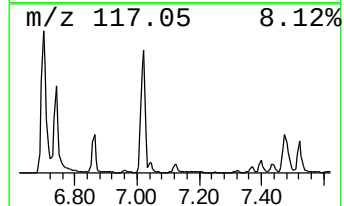
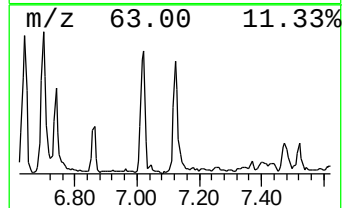
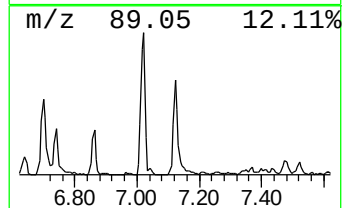
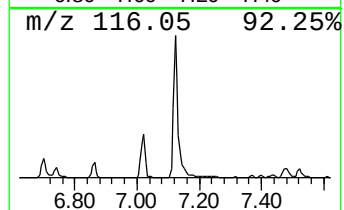
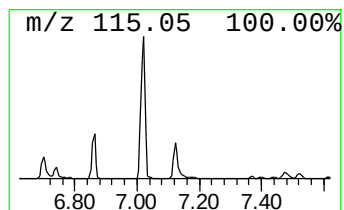
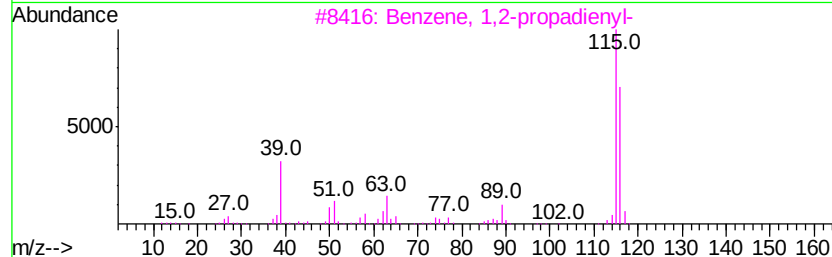
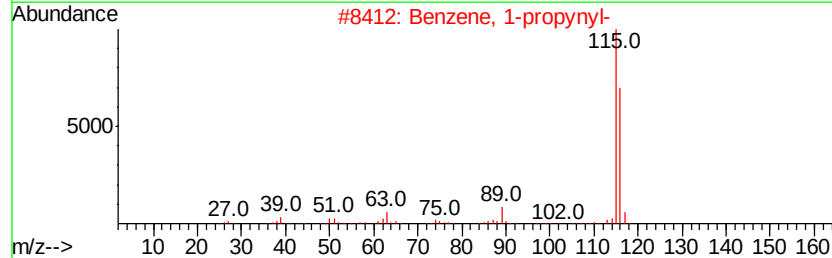
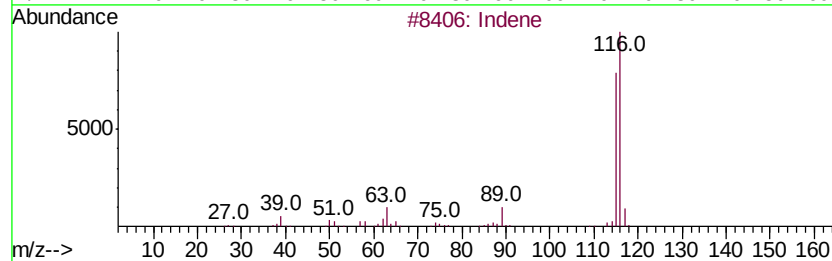
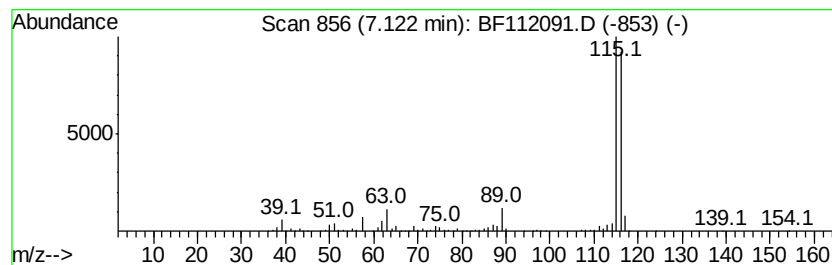
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	7.13 ng	728579	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	95
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



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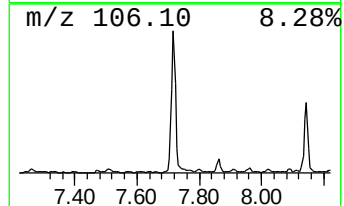
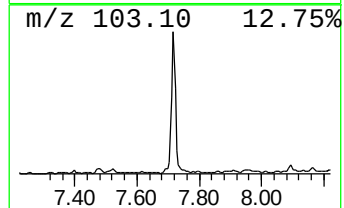
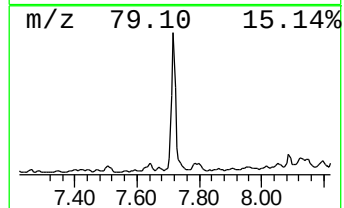
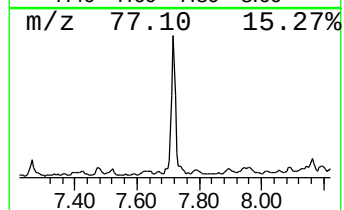
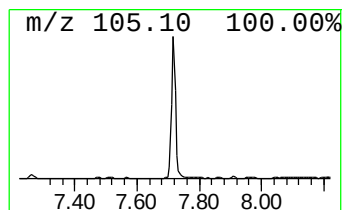
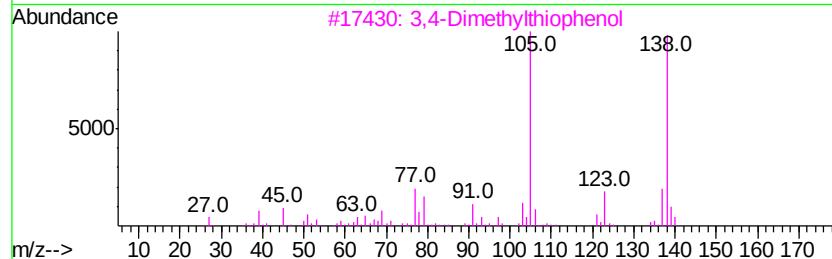
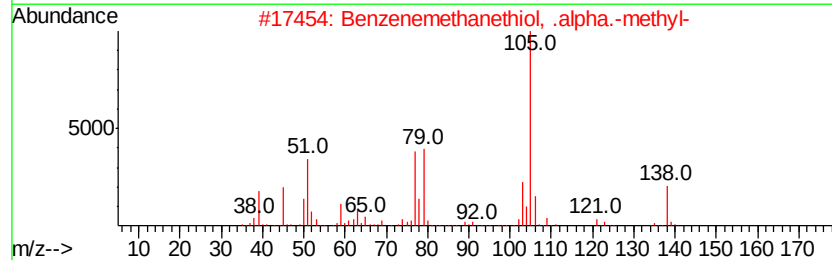
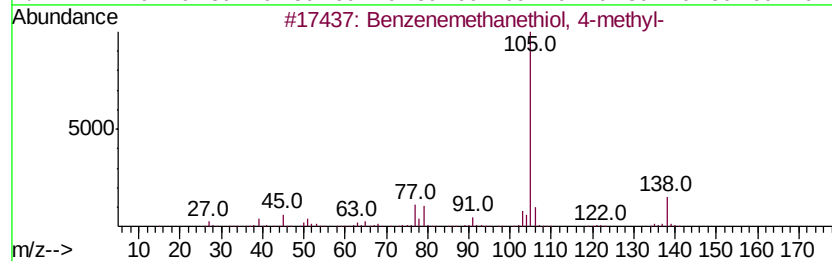
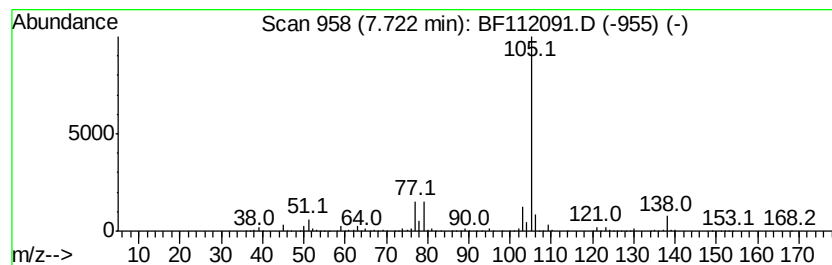
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzenemethanethiol, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	8.16 ng	1150880	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2		Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
3		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
5		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72



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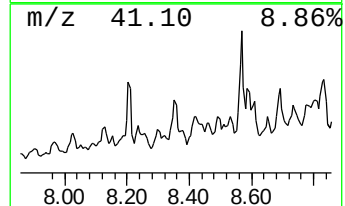
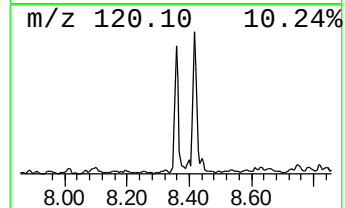
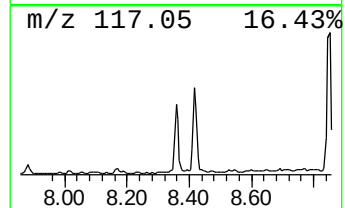
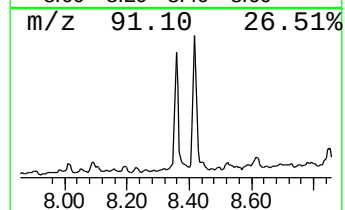
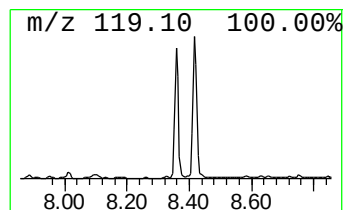
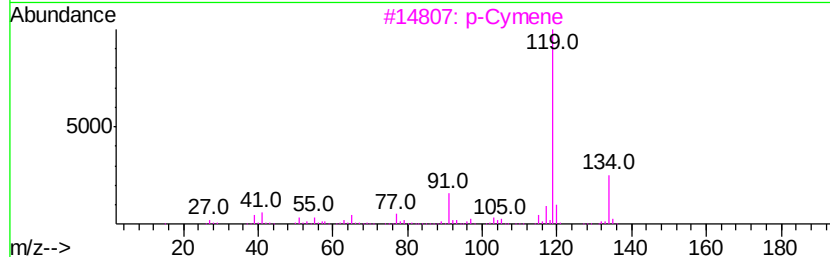
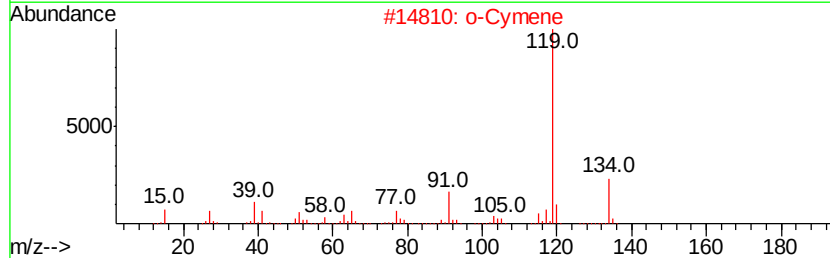
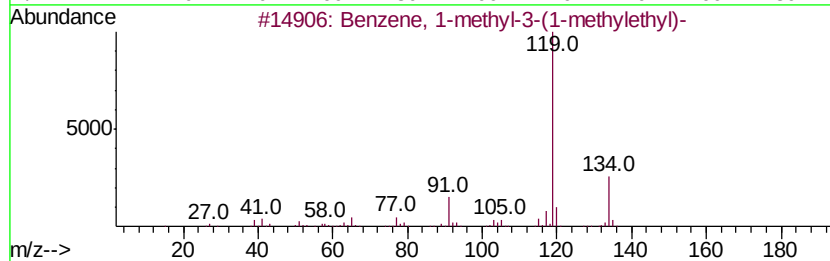
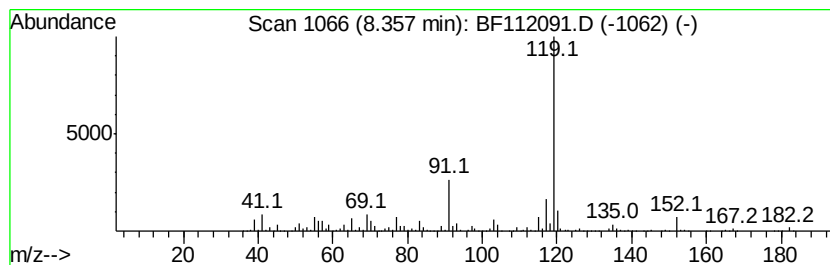
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	11.22 ng	1581470	Napthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2		o-Cymene	134	C10H14	000527-84-4	81
3		p-Cymene	134	C10H14	000099-87-6	80
4		1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	72
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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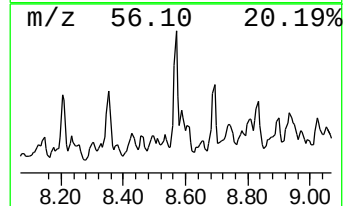
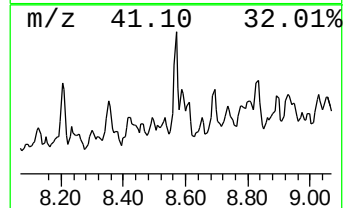
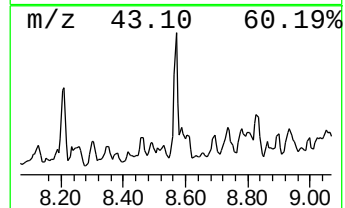
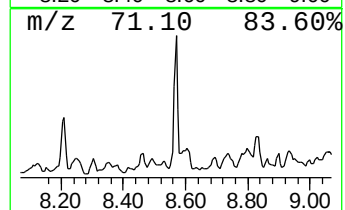
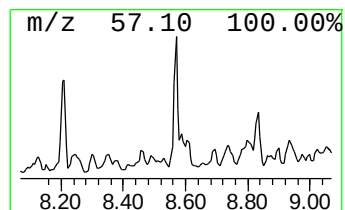
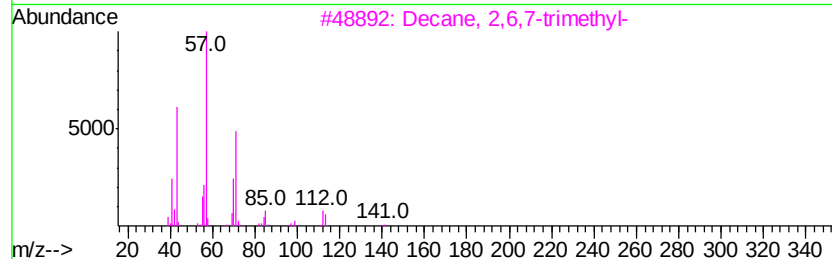
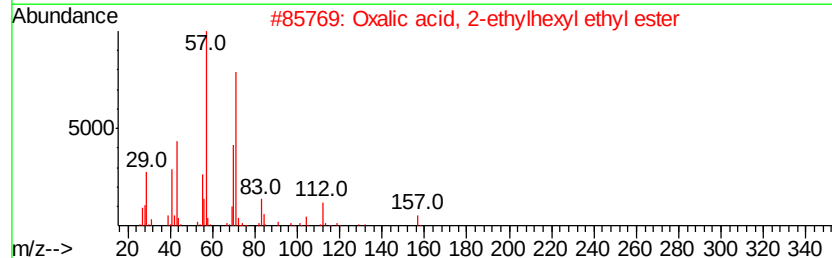
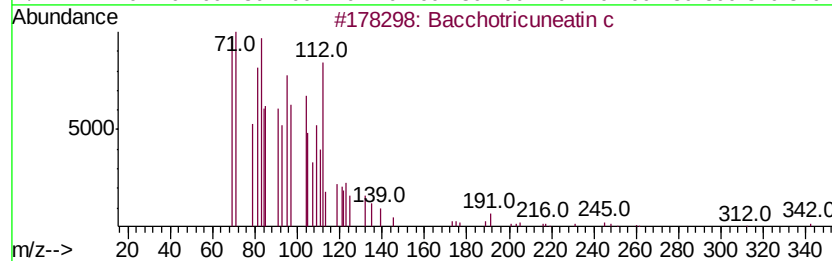
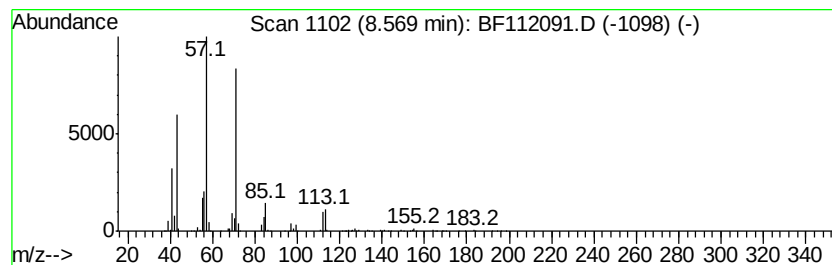
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	9.52 ng	1342740	Napthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
2			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4			Decane, 5-propyl-	184	C13H28	017312-62-8	59
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59



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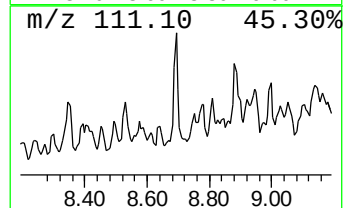
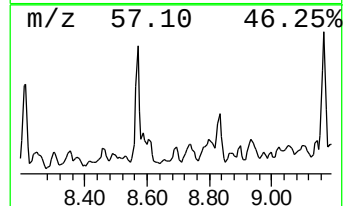
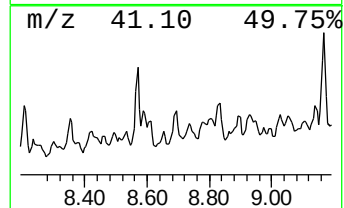
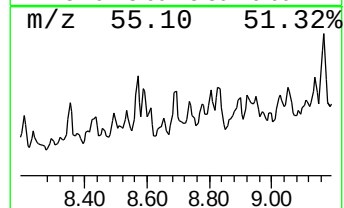
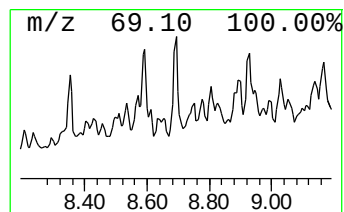
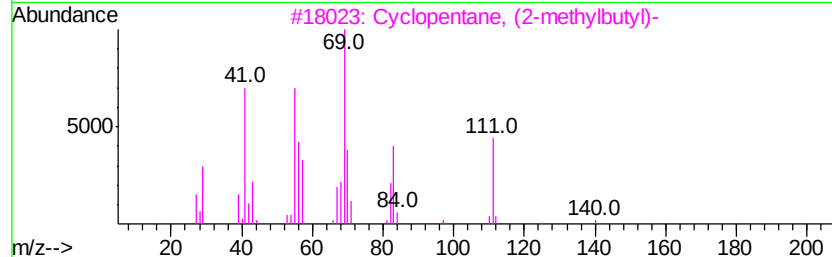
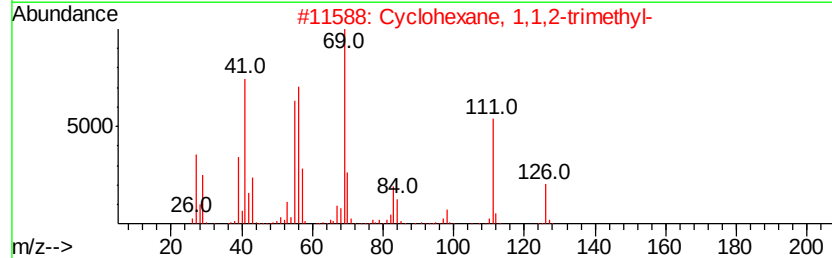
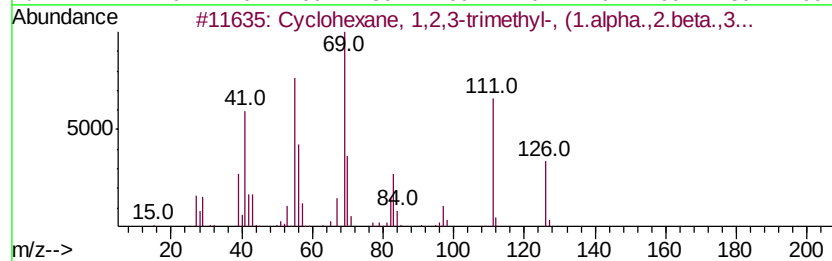
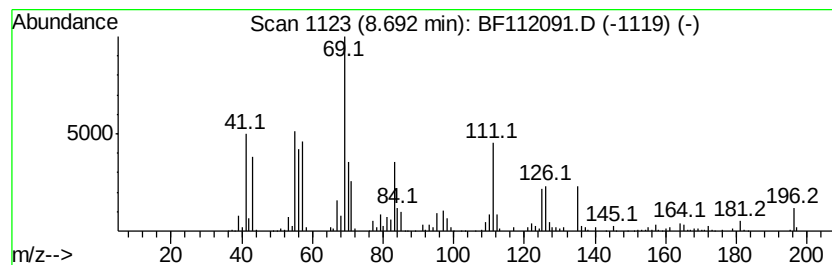
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclohexane, 1,2,3-trimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	6.62 ng	932905	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	70
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
5		2-Methyl-2-octene	126	C9H18	016993-86-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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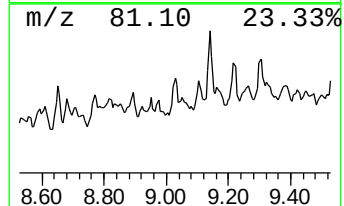
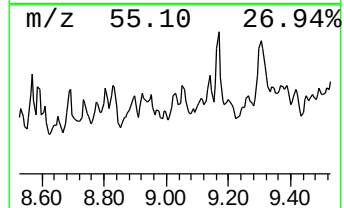
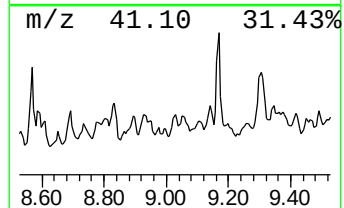
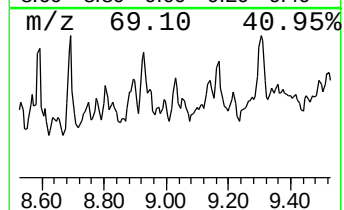
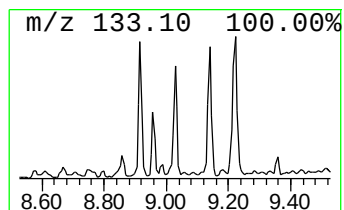
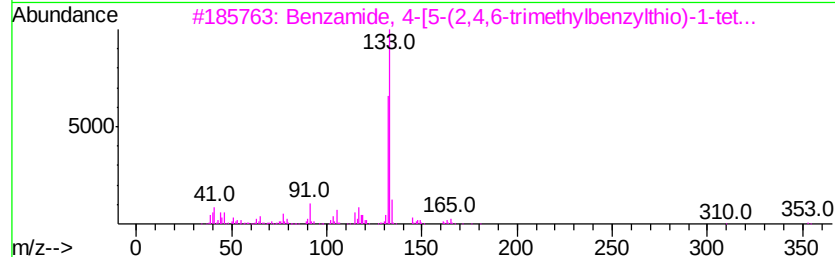
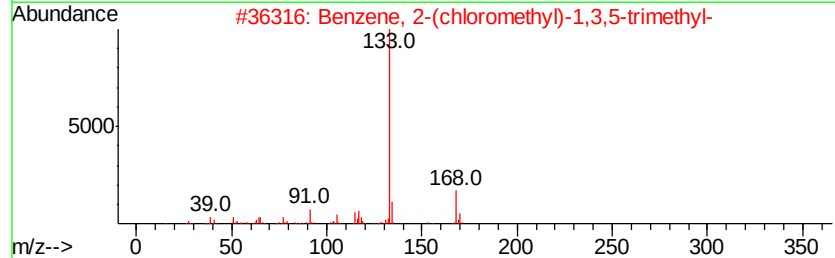
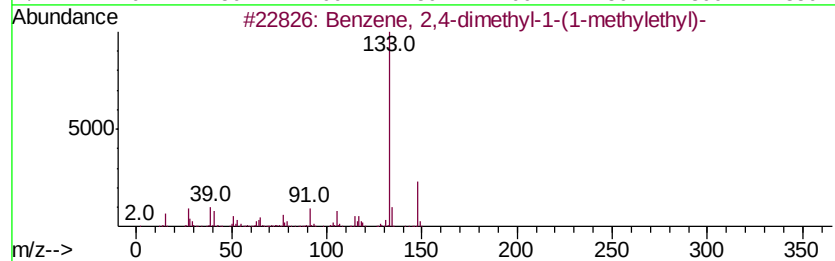
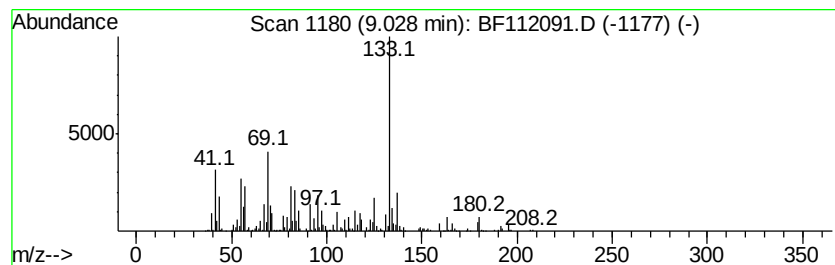
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	5.70 ng	827358	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	55
2		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	49
3		Benzamide, 4-[5-(2,4,6-trimethyl-...	353	C18H19N5OS	309735-33-9	43
4		1,5,6,7-Tetramethylbicyclo[3.2.0]...	148	C11H16	134329-46-7	43
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112091.D
Acq On : 17 Jan 2019 16:05
Operator : JU/SJ
Sample : K1167-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-A

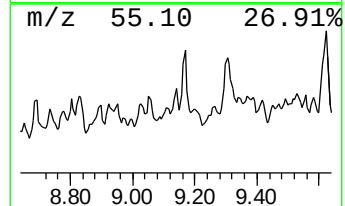
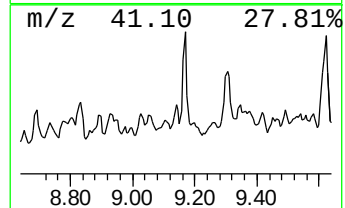
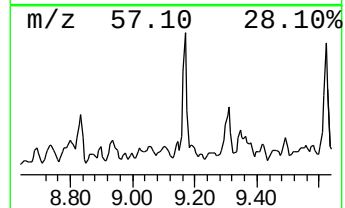
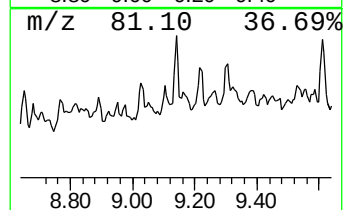
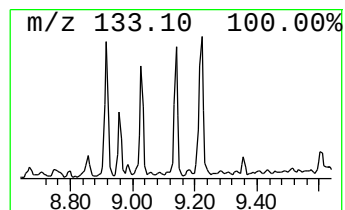
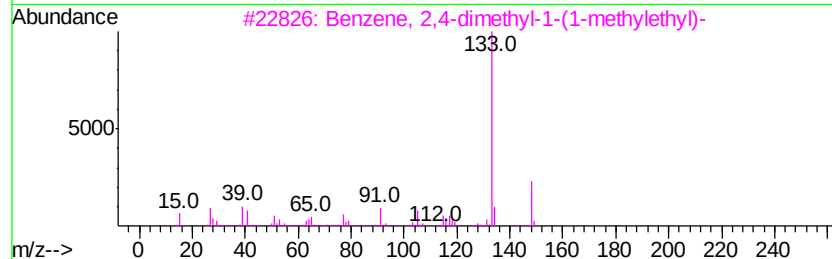
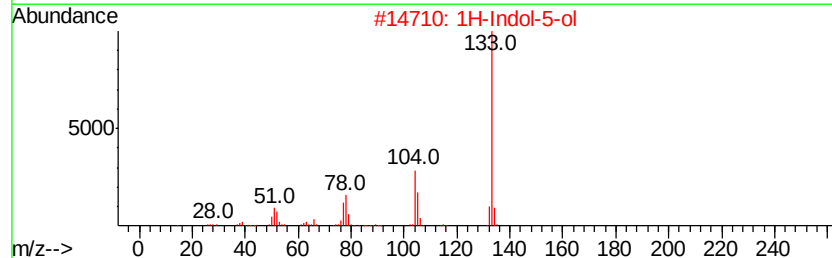
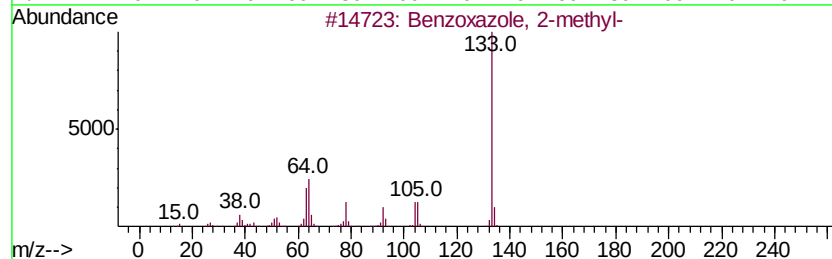
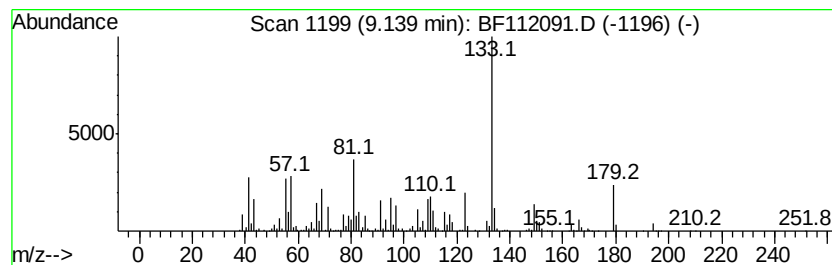
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.77 ng	693036	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	38
2		1H-Indol-5-ol	133	C8H7NO	001953-54-4	38
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	38
4		Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	38
5		Benzamide, 4-[5-(2,4,6-trimethyl-...	353	C18H19N5OS	309735-33-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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ClientSampleId :
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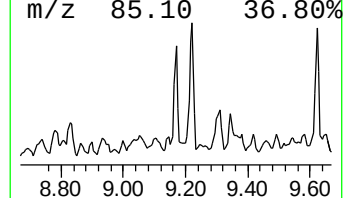
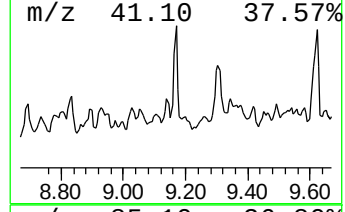
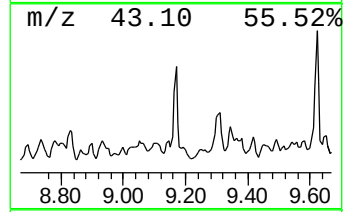
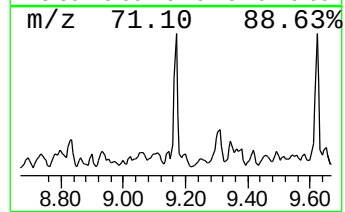
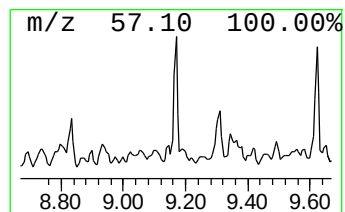
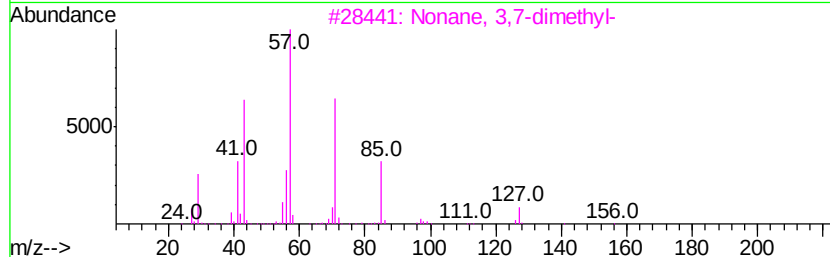
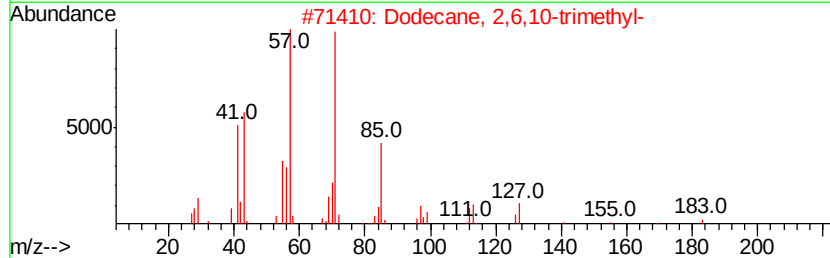
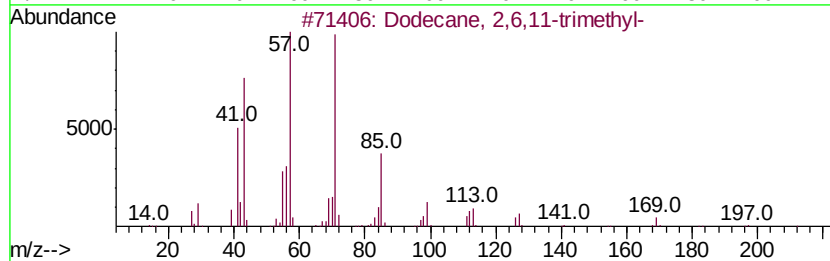
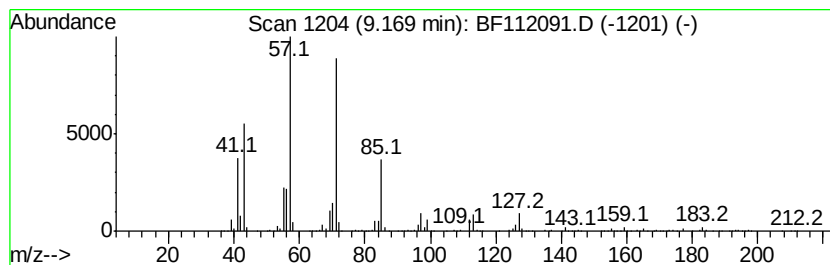
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	11.32 ng	1643720	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5		Octane, 2-methyl-	128	C9H20	003221-61-2	74



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Operator : JU/SJ
Sample : K1167-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

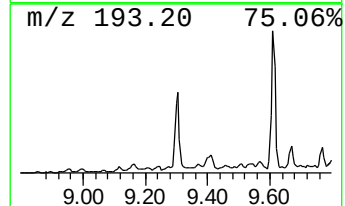
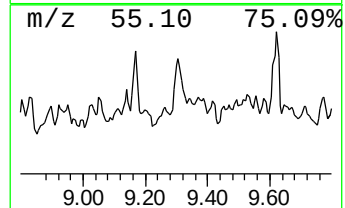
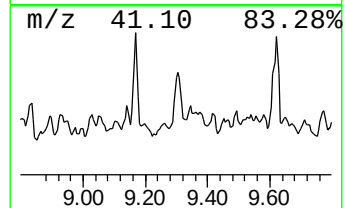
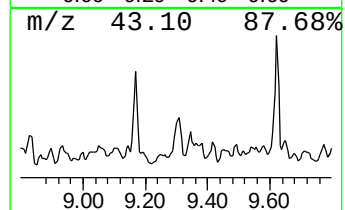
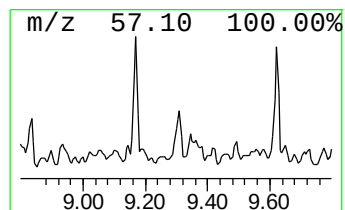
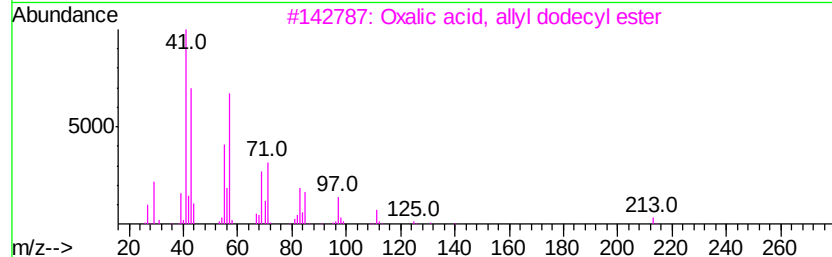
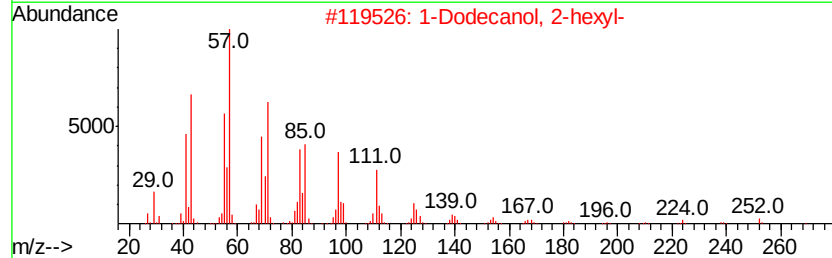
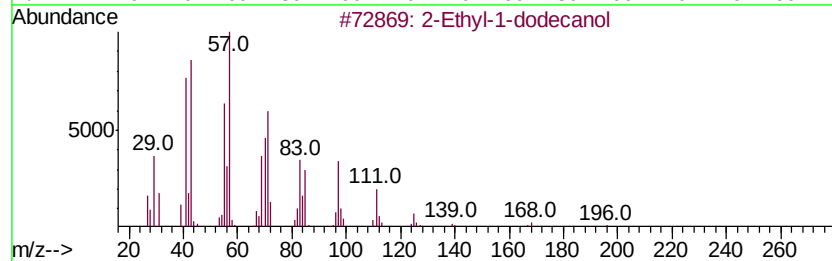
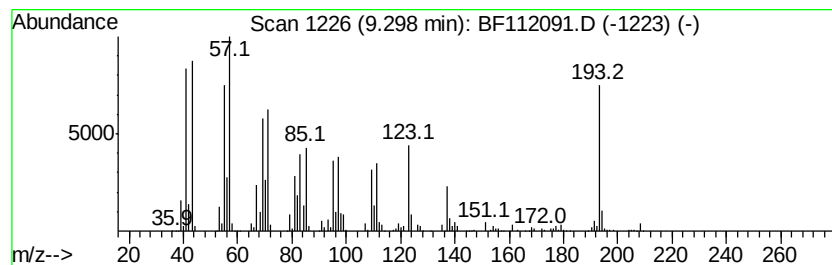
Instrument :
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ClientSampleId :
CLOVER-YARD-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	12.02 ng	1745750	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Ethyl-1-dodecanol	214 C14H30O	019780-33-7	41
2	1-Dodecanol, 2-hexyl-	270 C18H38O	110225-00-8	41
3	Oxalic acid, allyl dodecyl ester	298 C17H30O4	1000309-24-0	38
4	Oxalic acid, allyl octadecyl ester	382 C23H42O4	1000309-24-5	38
5	Oxalic acid, cyclobutyl pentadec...	354 C21H38O4	1000309-70-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112091.D
Acq On : 17 Jan 2019 16:05
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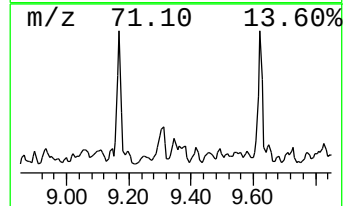
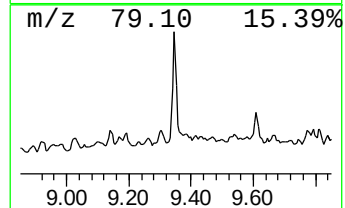
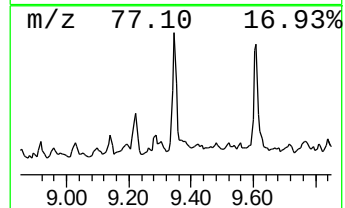
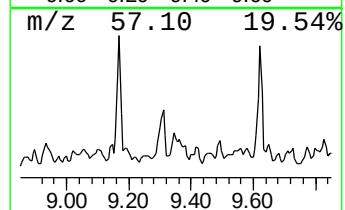
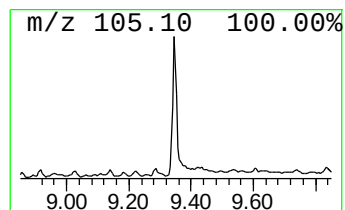
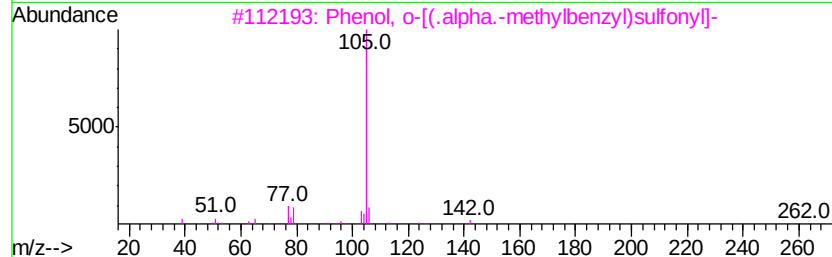
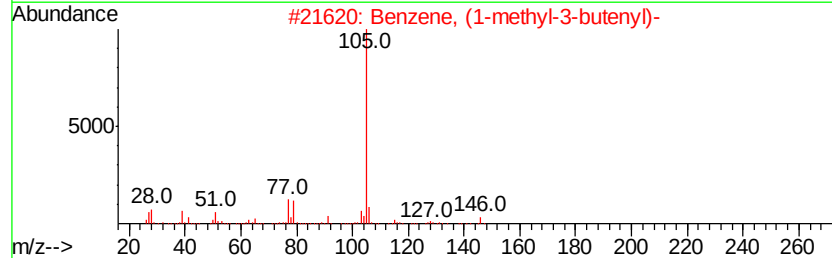
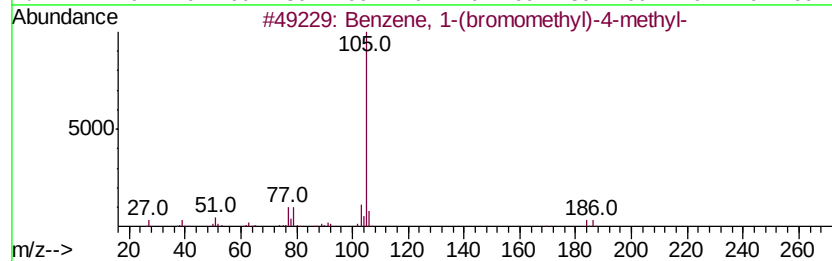
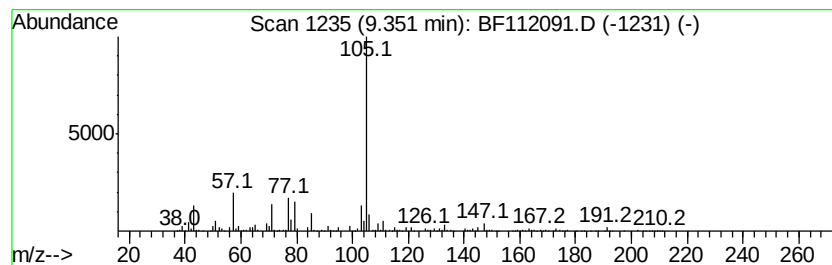
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-(bromomethyl)-4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.35	8.47 ng	1230690	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	52
2	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	50
3	Phenol, o-[(.alpha.-methylbenzyl)...]	262	C14H14O3S	029634-38-6	50
4	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	50
5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112091.D
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Misc :
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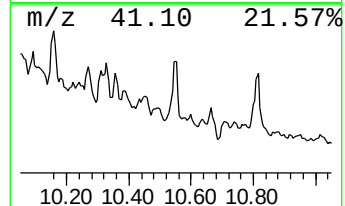
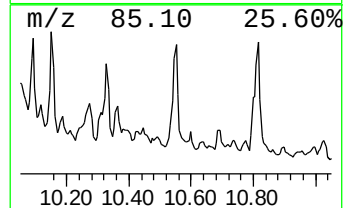
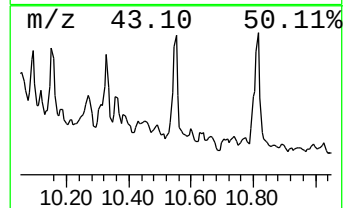
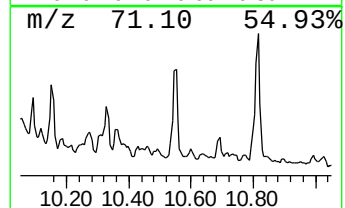
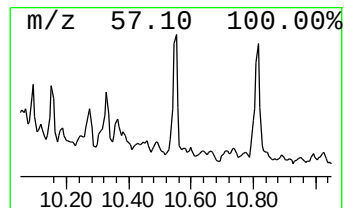
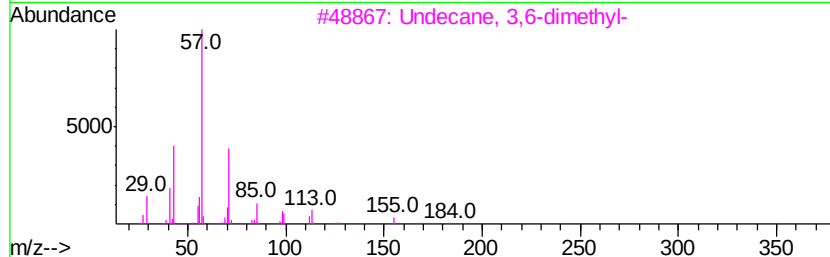
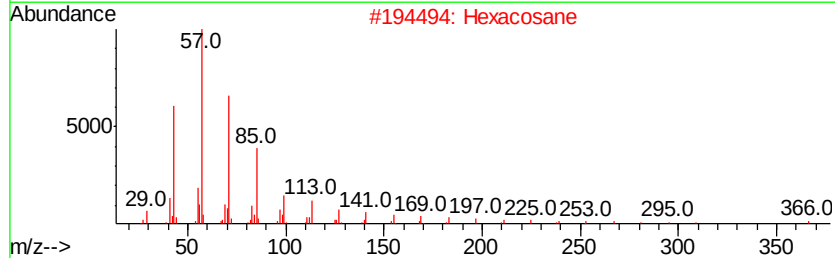
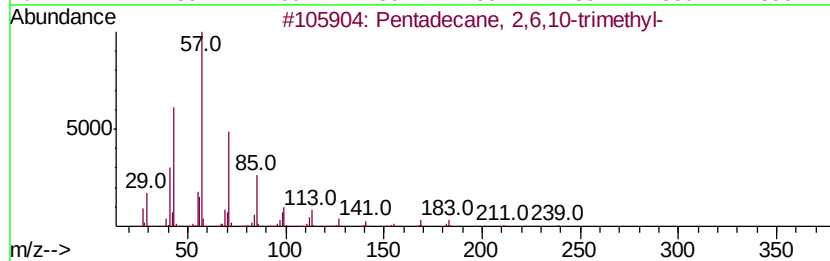
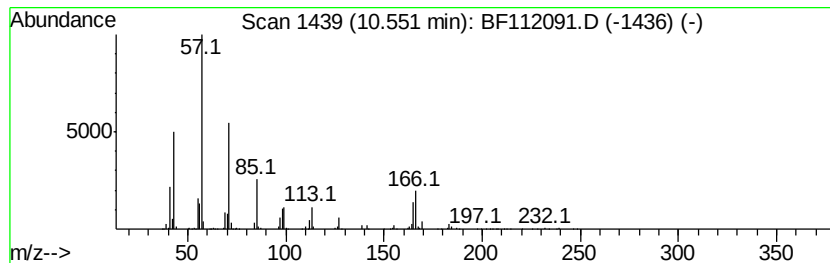
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.55	4.65 ng	675250	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2	Hexacosane	366	C26H54	000630-01-3	52
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	46
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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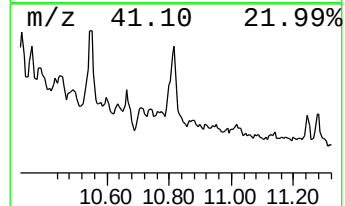
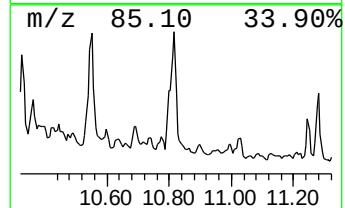
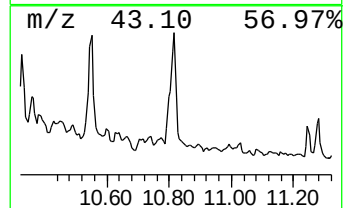
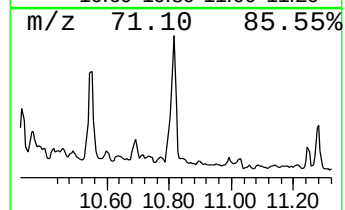
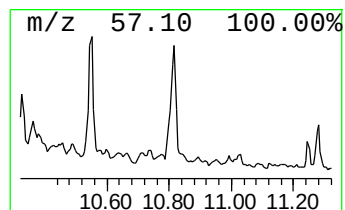
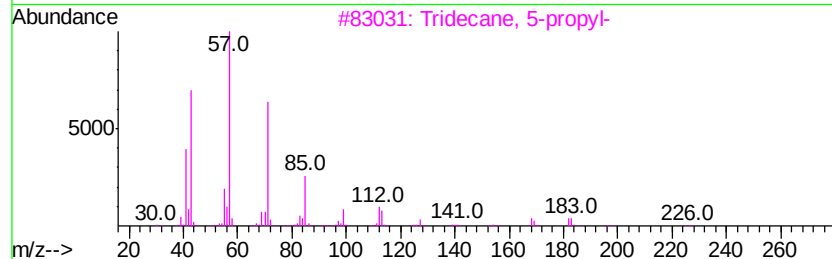
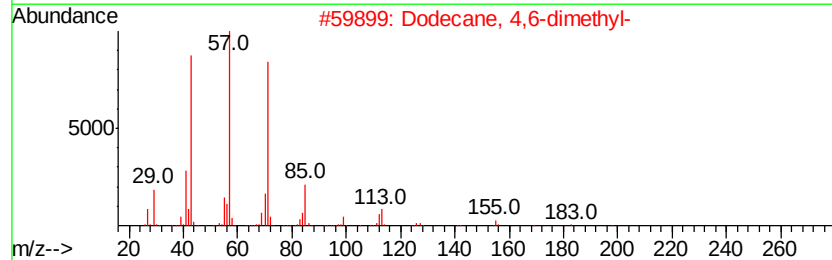
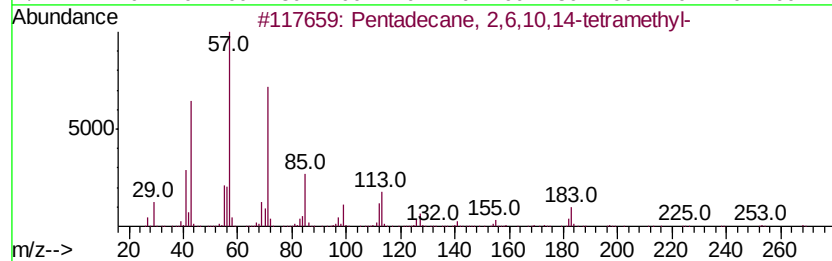
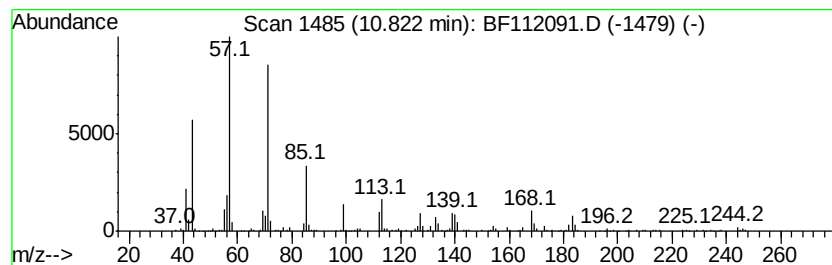
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	8.48 ng	953932	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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Sample : K1167-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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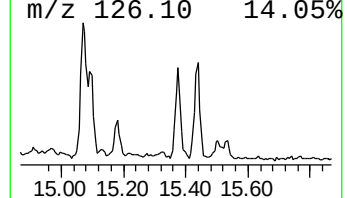
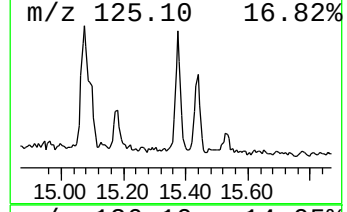
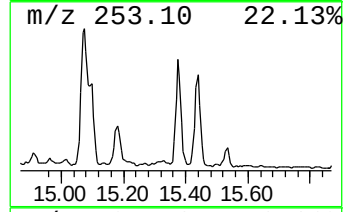
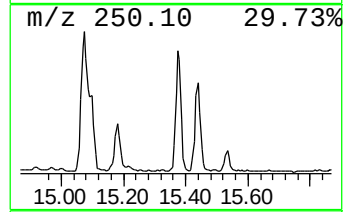
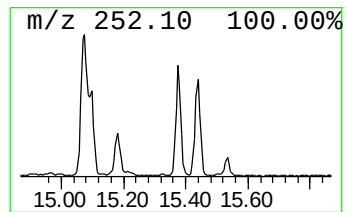
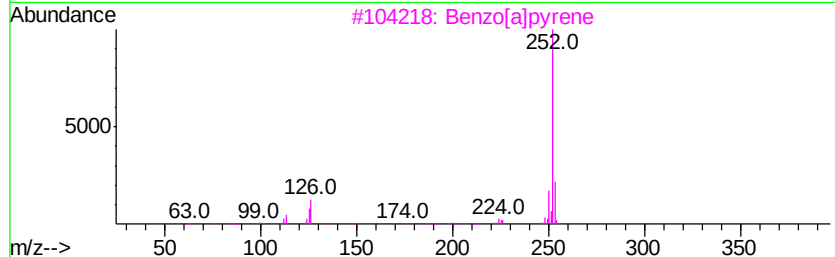
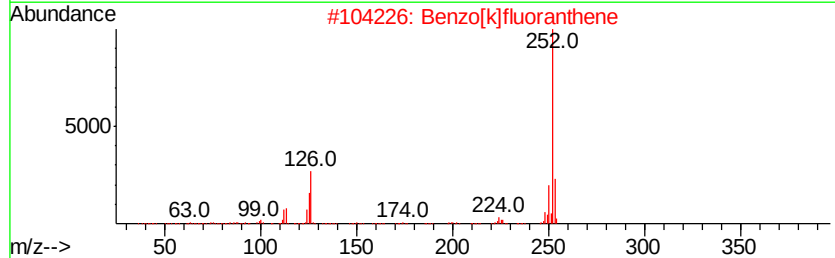
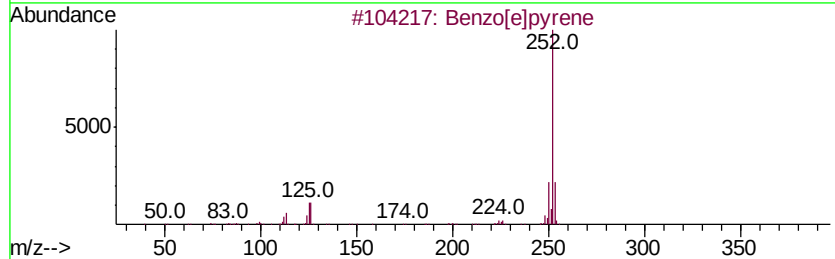
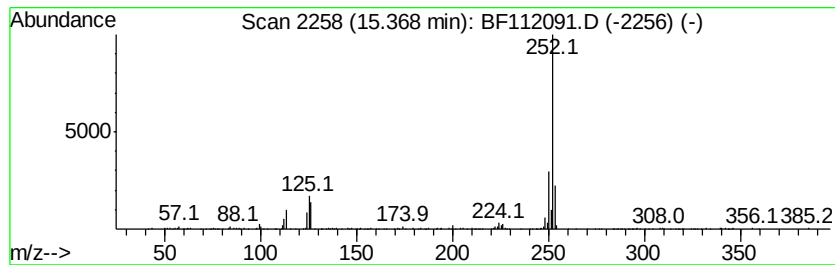
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.99 ng	483316	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Perylene	252	C20H12	000198-55-0	89
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
 Data File : BF112091.D
 Acq On : 17 Jan 2019 16:05
 Operator : JU/SJ
 Sample : K1167-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLOVER-YARD-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
2-Pentanone, 4-hy...	5.09	5.4	ng	550842	1	6.86	2043010	20.0
Bicyclo[4.2.0]oct...	5.70	12.6	ng	1290680	1	6.86	2043010	20.0
unknown6.64	6.64	81.6	ng	8336590	1	6.86	2043010	20.0
Benzene, 1-etheny...	6.70	12.8	ng	1303140	1	6.86	2043010	20.0
Indene	7.12	7.1	ng	728579	1	6.86	2043010	20.0
Benzenemethanethi...	7.72	8.2	ng	1150880	2	8.15	2820220	20.0
Benzene, 1-methyl...	8.36	11.2	ng	1581470	2	8.15	2820220	20.0
Bacchotricuneatin c	8.57	9.5	ng	1342740	2	8.15	2820220	20.0
Cyclohexane, 1,2,...	8.69	6.6	ng	932905	2	8.15	2820220	20.0
Benzene, 2,4-dime...	9.03	5.7	ng	827358	3	9.90	2905280	20.0
unknown9.14	9.14	4.8	ng	693036	3	9.90	2905280	20.0
Dodecane, 2,6,11-...	9.17	11.3	ng	1643720	3	9.90	2905280	20.0
unknown9.30	9.30	12.0	ng	1745750	3	9.90	2905280	20.0
Benzene, 1-(bromo...	9.35	8.5	ng	1230690	3	9.90	2905280	20.0
Pentadecane, 2,6,...	10.55	4.7	ng	675250	3	9.90	2905280	20.0
Pentadecane, 2,6,...	10.82	8.5	ng	953932	4	11.39	2250870	20.0
Benzo[e]pyrene	15.37	5.0	ng	483316	6	15.50	1937050	20.0