

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111422.D
 Acq On : 14 Dec 2018 16:49
 Operator : JU/SJ
 Sample : J6319-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 063_SW-E-1

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-BF121418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	223	235	241	rBV	46600	119889	2.69%	0.204%
2	3.616	248	260	269	rBV	64446	136338	3.06%	0.232%
3	3.828	289	296	302	rBV	316760	464591	10.44%	0.792%
4	4.363	384	387	394	rVB	77834	93106	2.09%	0.159%
5	4.940	481	485	491	rVB2	63207	86820	1.95%	0.148%
6	4.998	491	495	502	rBV	207945	275124	6.18%	0.469%
7	5.269	538	541	544	rVV	259043	241236	5.42%	0.411%
8	5.381	556	560	562	rBV	614484	686725	15.43%	1.171%
9	5.422	563	567	570	rVV	4207725	3981979	89.47%	6.787%
10	5.640	601	604	608	rBV	176251	161938	3.64%	0.276%
11	5.822	630	635	639	rVB2	87916	145145	3.26%	0.247%
12	5.869	639	643	646	rBV3	69628	96676	2.17%	0.165%
13	5.957	652	658	662	rBV3	160866	210795	4.74%	0.359%
14	6.051	671	674	676	rBV2	165073	148464	3.34%	0.253%
15	6.257	706	709	711	rVB	336026	284455	6.39%	0.485%
16	6.298	711	716	718	rBV	231515	218934	4.92%	0.373%
17	6.322	718	720	723	rVV2	157993	156609	3.52%	0.267%
18	6.351	723	725	729	rVB	182575	146129	3.28%	0.249%
19	6.392	729	732	735	rBV	141710	140243	3.15%	0.239%
20	6.439	735	740	744	rBV	4023169	4450425	100.00%	7.586%
21	6.481	744	747	753	rVB5	175038	298127	6.70%	0.508%
22	6.569	753	762	765	rBV	4476493	4357225	97.91%	7.427%
23	6.622	768	771	776	rBV2	353595	348440	7.83%	0.594%
24	6.710	783	786	788	rBV	134363	109436	2.46%	0.187%
25	6.734	788	790	792	rBV3	118941	125428	2.82%	0.214%
26	6.792	797	800	802	rVV	1347519	1078702	24.24%	1.839%
27	6.816	802	804	808	rVB	367705	335514	7.54%	0.572%
28	6.857	808	811	814	rBV2	179262	214356	4.82%	0.365%
29	6.892	814	817	819	rBV2	116381	135707	3.05%	0.231%
30	6.951	819	827	829	rVV	3587175	3409426	76.61%	5.811%
31	6.975	829	831	835	rVB2	375901	357532	8.03%	0.609%
32	7.045	837	843	846	rBV2	348556	429865	9.66%	0.733%
33	7.075	846	848	851	rVV	322746	277032	6.22%	0.472%
34	7.116	852	855	857	rVB2	380755	300846	6.76%	0.513%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.145	857	860	863	rVB2	293093	270204	6.07%	0.461%
36	7.192	863	868	871	rBV4	195796	211593	4.75%	0.361%
37	7.239	871	876	878	rBV3	169823	189485	4.26%	0.323%
38	7.351	886	895	901	rBV2	2801331	3601999	80.94%	6.140%
39	7.398	901	903	907	rVB2	180634	162971	3.66%	0.278%
40	7.439	907	910	914	rBV4	265254	305244	6.86%	0.520%
41	7.486	914	918	920	rBV4	139012	200614	4.51%	0.342%
42	7.569	927	932	934	rBV4	398522	545333	12.25%	0.930%
43	7.604	935	938	941	rVB2	302854	306927	6.90%	0.523%
44	7.634	941	943	946	rVB2	119442	97467	2.19%	0.166%
45	7.681	947	951	955	rBV2	219717	245062	5.51%	0.418%
46	7.722	955	958	961	rBV2	283840	342968	7.71%	0.585%
47	7.751	961	963	964	rVV	175417	122666	2.76%	0.209%
48	7.769	964	966	968	rVB2	156225	120789	2.71%	0.206%
49	7.816	969	974	980	rBV4	343052	529527	11.90%	0.903%
50	7.898	985	988	993	rVB5	171583	213322	4.79%	0.364%
51	7.945	994	996	998	rBV	175520	143775	3.23%	0.245%
52	8.075	1013	1018	1020	rVV	1740533	1728492	38.84%	2.946%
53	8.092	1020	1021	1025	rVV3	484510	465843	10.47%	0.794%
54	8.122	1025	1026	1028	rVV2	213806	181033	4.07%	0.309%
55	8.145	1028	1030	1032	rVV	360653	262294	5.89%	0.447%
56	8.169	1032	1034	1036	rVV3	178675	148128	3.33%	0.252%
57	8.198	1037	1039	1042	rVB3	171418	164975	3.71%	0.281%
58	8.239	1043	1046	1048	rBV2	159257	209875	4.72%	0.358%
59	8.286	1051	1054	1056	rVB2	174368	161613	3.63%	0.275%
60	8.357	1063	1066	1067	rBV3	107526	97067	2.18%	0.165%
61	8.369	1067	1068	1071	rVB3	176119	147187	3.31%	0.251%
62	8.428	1076	1078	1081	rVB4	132637	107674	2.42%	0.184%
63	8.463	1081	1084	1087	rVB2	194759	169935	3.82%	0.290%
64	8.545	1096	1098	1102	rVB	238688	206374	4.64%	0.352%
65	8.586	1102	1105	1107	rBV2	130077	159324	3.58%	0.272%
66	8.639	1110	1114	1116	rVB2	216043	246454	5.54%	0.420%
67	8.663	1116	1118	1121	rBV3	102038	119704	2.69%	0.204%
68	8.786	1137	1139	1143	rVB	187006	140187	3.15%	0.239%
69	8.886	1151	1156	1163	rVB3	262064	383722	8.62%	0.654%
70	9.151	1196	1201	1204	rBV	4747622	3869741	86.95%	6.596%
71	9.486	1255	1258	1261	rBV2	91446	89970	2.02%	0.153%

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72	9.539	1265	1267	1270	rBV	326648	268220	6.03%	0.457%
73	9.686	1289	1292	1296	rBV	139590	133897	3.01%	0.228%
74	9.828	1310	1316	1319	rBV	1775454	1502776	33.77%	2.561%
75	9.857	1319	1321	1329	rVV5	63612	121562	2.73%	0.207%
76	10.533	1433	1436	1440	rVB4	65425	87160	1.96%	0.149%
77	10.616	1446	1450	1453	rBV	2655847	2281524	51.27%	3.889%
78	10.751	1469	1473	1478	rVB2	88894	139745	3.14%	0.238%
79	11.310	1564	1568	1571	rBV	1466926	1256194	28.23%	2.141%
80	11.845	1655	1659	1663	rBV2	461986	428278	9.62%	0.730%
81	11.922	1670	1672	1681	rVB3	95545	151678	3.41%	0.259%
82	12.527	1772	1775	1779	rBV	301484	272596	6.13%	0.465%
83	12.569	1779	1782	1784	rVV	155221	129745	2.92%	0.221%
84	12.627	1788	1792	1798	rBV2	187995	253847	5.70%	0.433%
85	12.751	1808	1813	1815	rBV2	230741	269408	6.05%	0.459%
86	12.898	1834	1838	1841	rBV	2444106	2265896	50.91%	3.862%
87	13.080	1867	1869	1872	rVB	117684	94437	2.12%	0.161%
88	13.804	1989	1992	1998	rVB3	125262	158888	3.57%	0.271%
89	13.945	2011	2016	2019	rBV2	1192675	1503832	33.79%	2.563%
90	13.974	2019	2021	2023	rVB	386593	305031	6.85%	0.520%
91	14.333	2080	2082	2085	rVB	162487	149415	3.36%	0.255%
92	14.463	2101	2104	2106	rBV	80596	95564	2.15%	0.163%
93	14.980	2187	2192	2195	rBV	827468	1296729	29.14%	2.210%
94	15.080	2206	2209	2215	rVB	318346	346022	7.78%	0.590%
95	15.268	2237	2241	2247	rVB	564269	758639	17.05%	1.293%
96	15.333	2247	2252	2257	rBV	843078	1008229	22.65%	1.719%
97	15.392	2258	2262	2265	rBV	706133	856749	19.25%	1.460%
98	15.421	2265	2267	2274	rVB2	267213	372295	8.37%	0.635%
99	16.804	2497	2502	2511	rVB2	437551	853624	19.18%	1.455%
100	17.227	2569	2574	2582	rBV	318453	613728	13.79%	1.046%

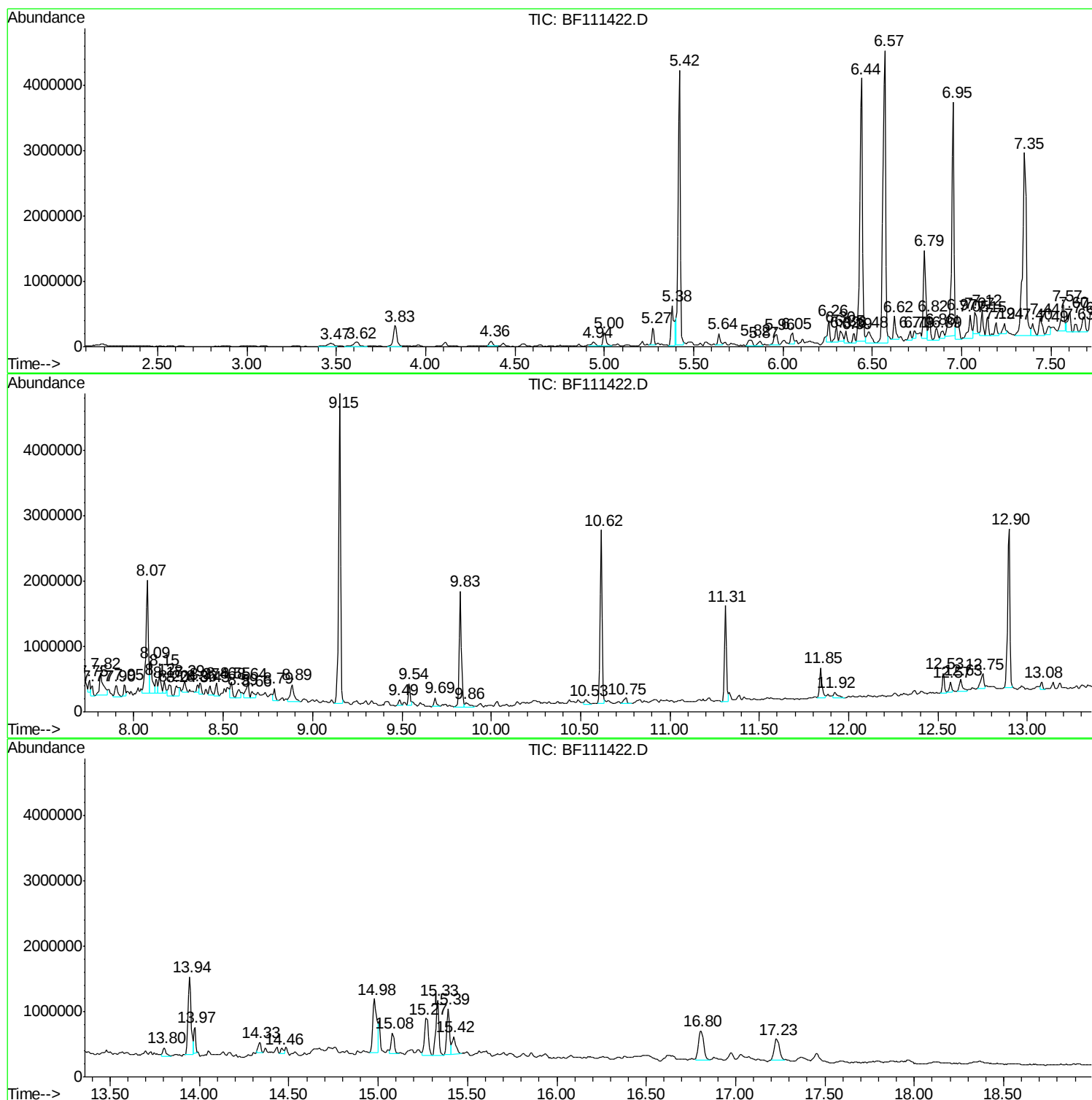
Sum of corrected areas: 58668503

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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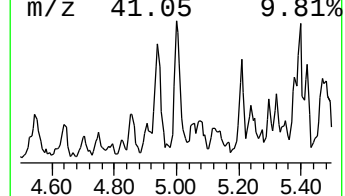
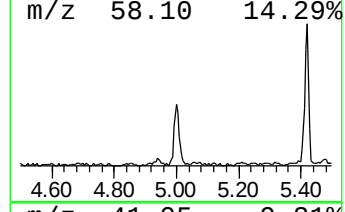
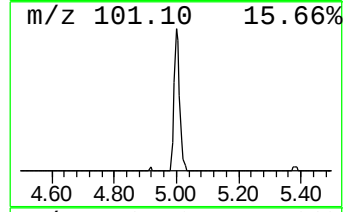
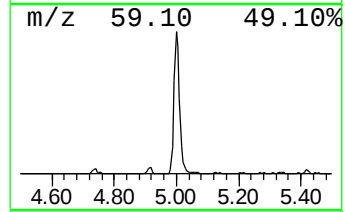
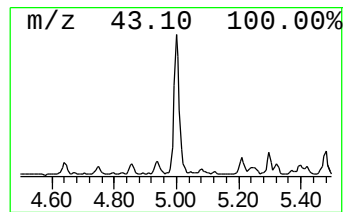
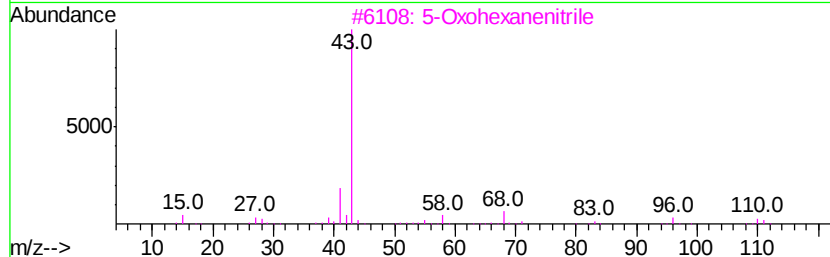
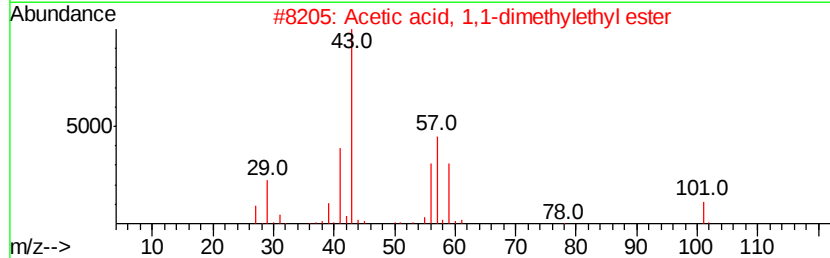
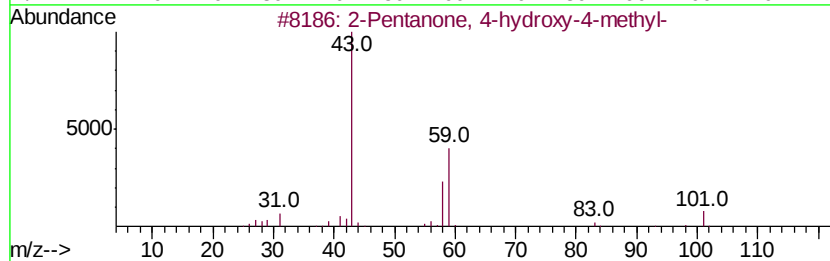
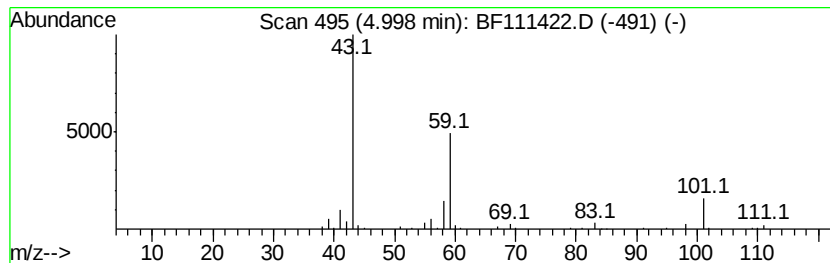
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	5.10 ng	275124	1,4-Dichlorobenzene-d4	6.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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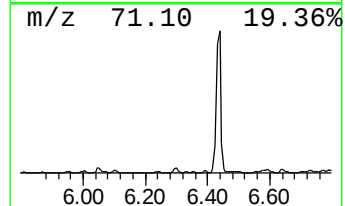
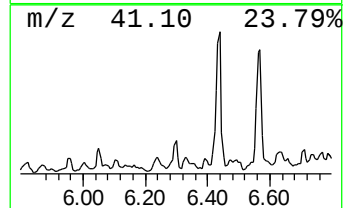
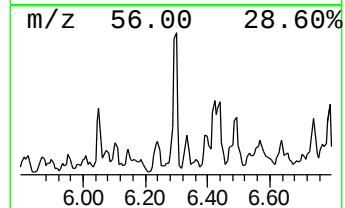
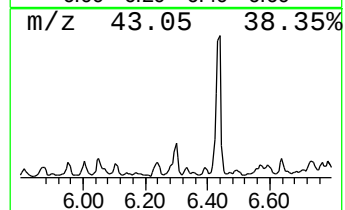
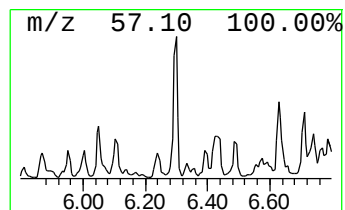
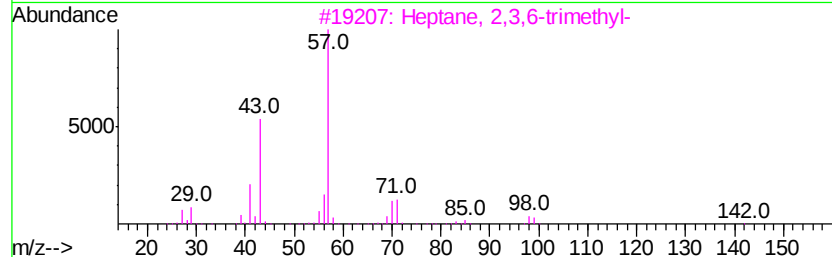
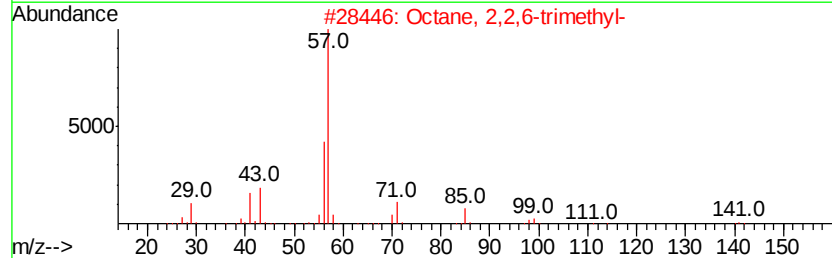
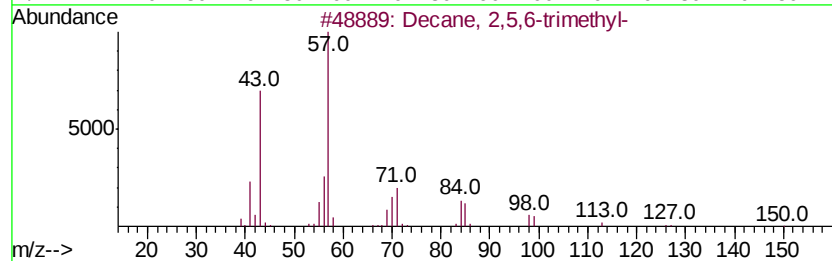
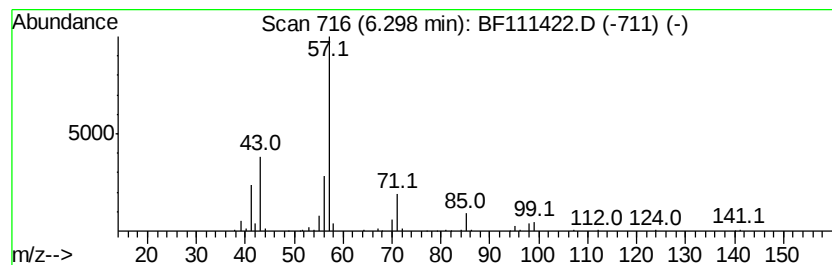
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	4.06 ng	218934	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
3		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



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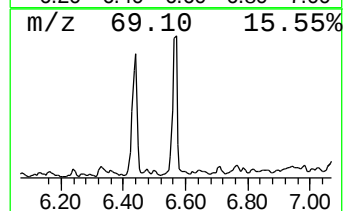
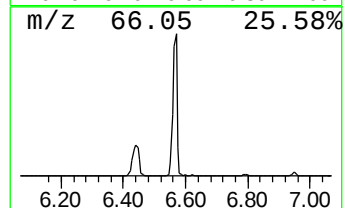
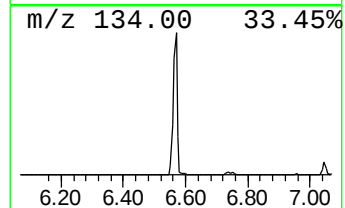
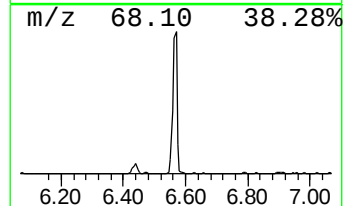
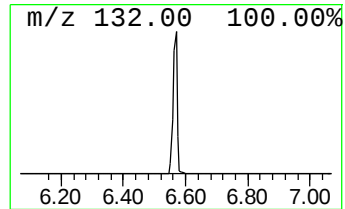
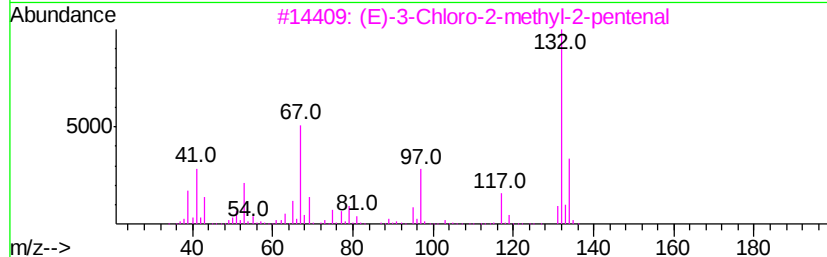
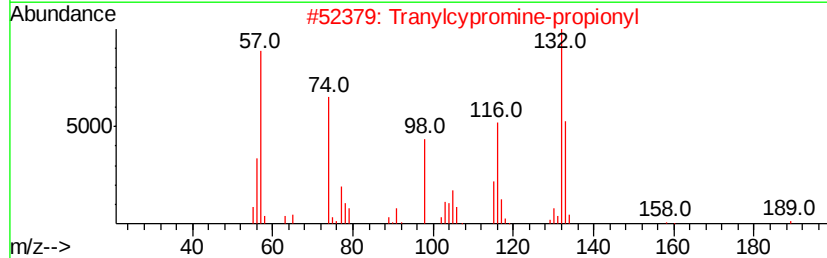
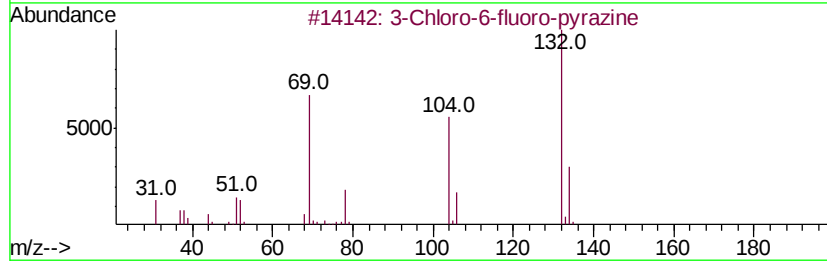
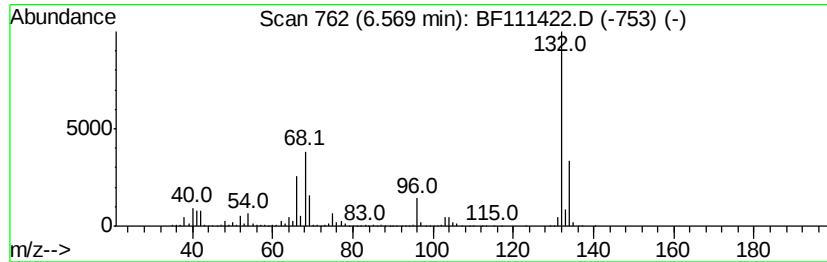
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	80.79 ng	4357230	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12	
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	



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Data File : BF111422.D
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Operator : JU/SJ
Sample : J6319-09
Misc :
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Instrument :
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ClientSampleId :
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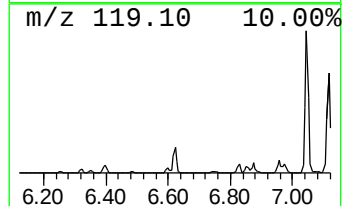
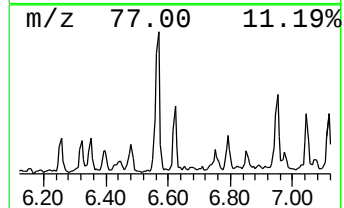
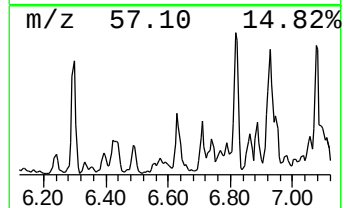
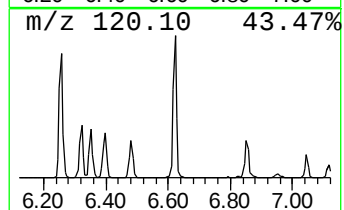
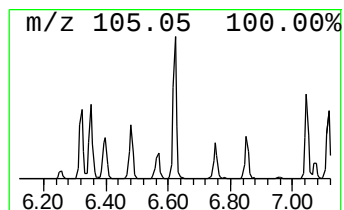
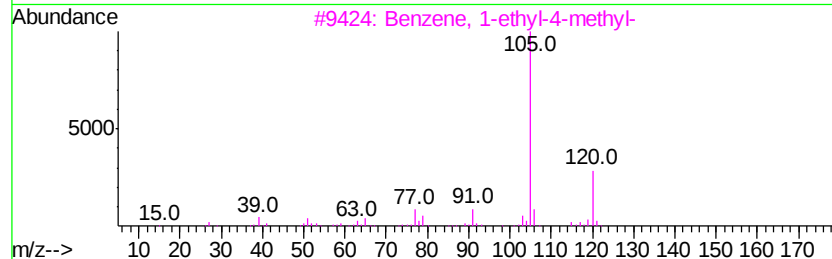
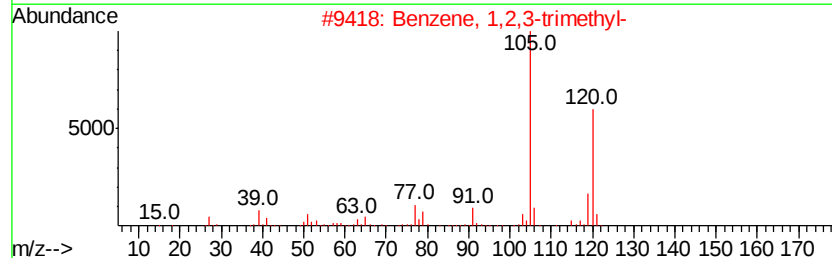
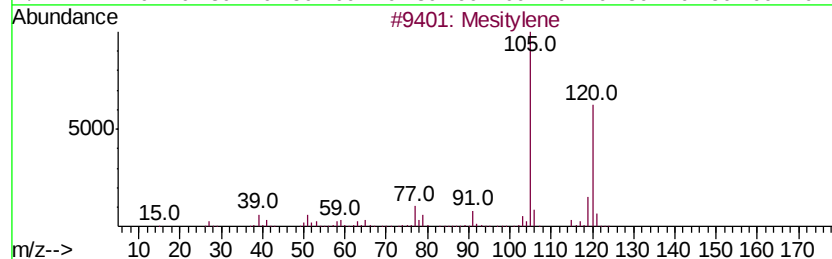
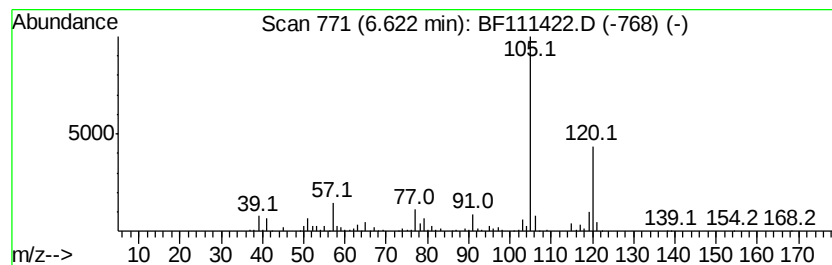
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	6.46 ng	348440	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



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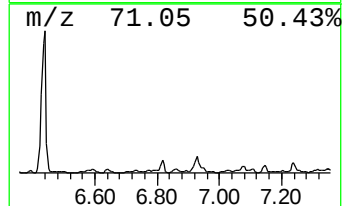
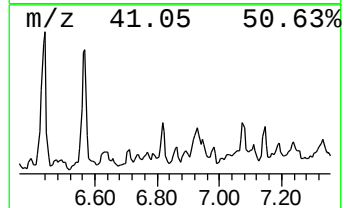
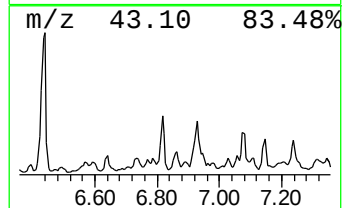
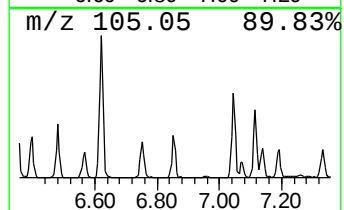
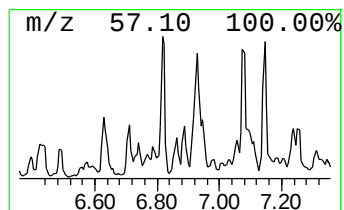
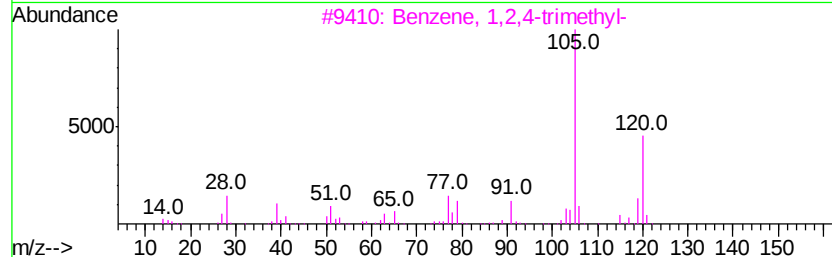
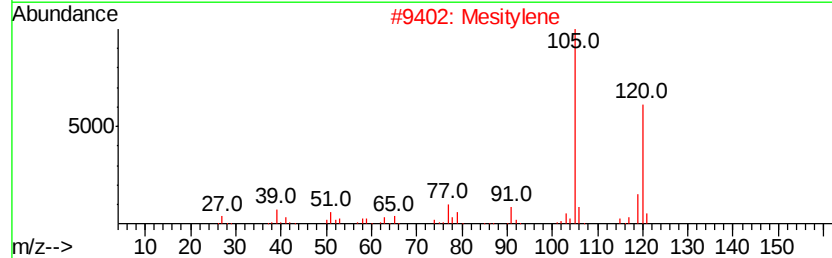
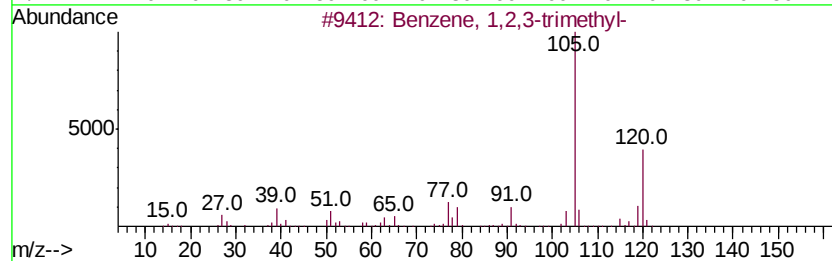
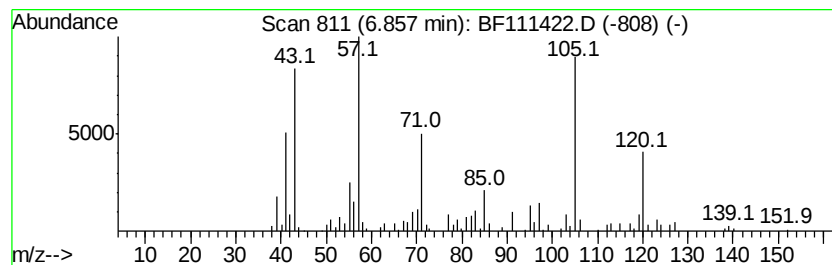
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.97 ng	214356	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
2		Mesitylene	120	C9H12	000108-67-8	42
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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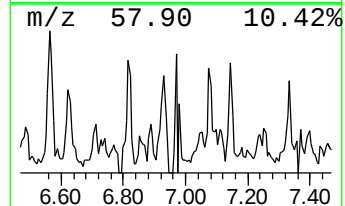
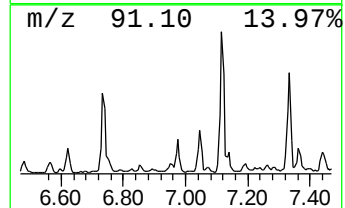
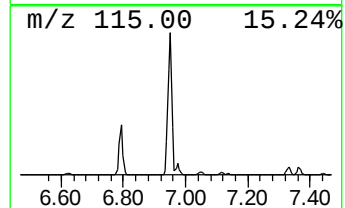
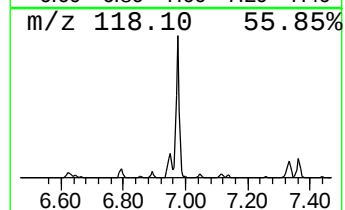
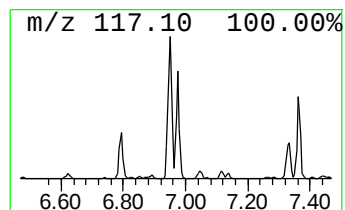
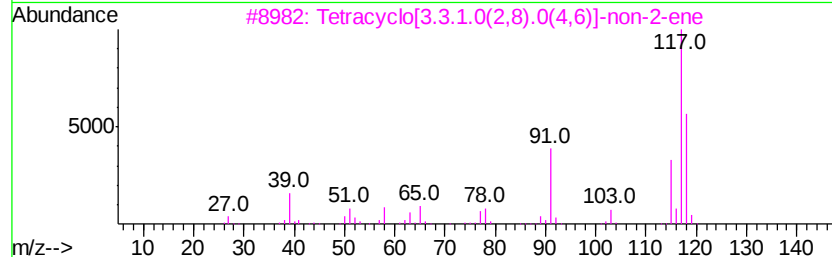
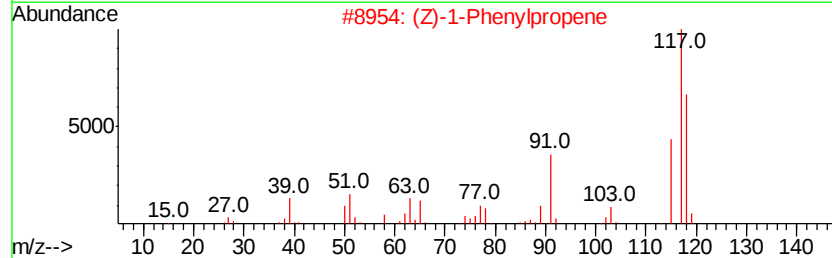
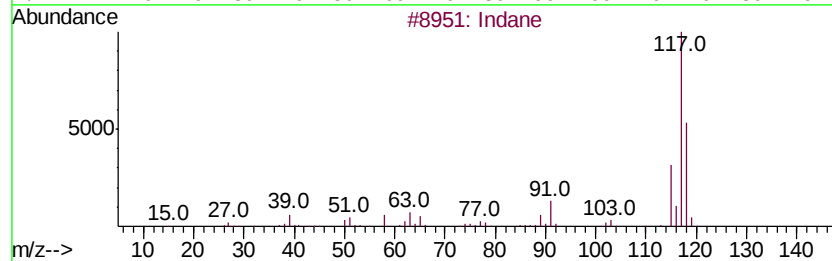
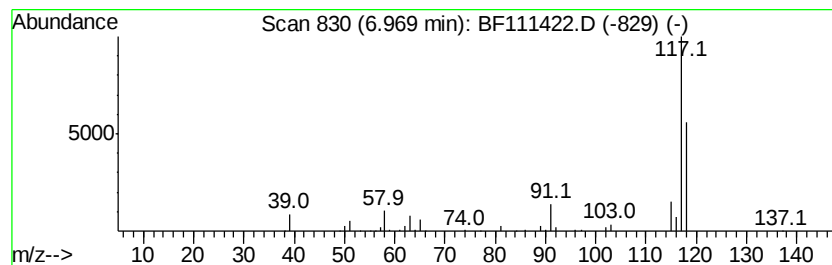
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	6.63 ng	357532	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	68
2			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	59
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5			Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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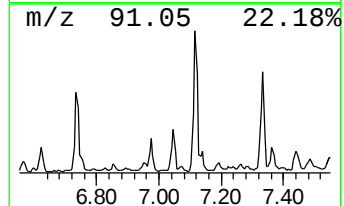
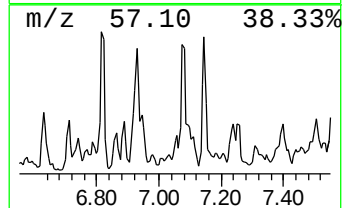
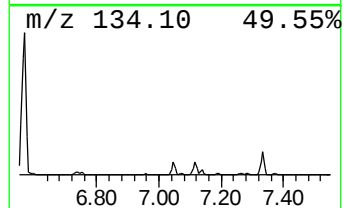
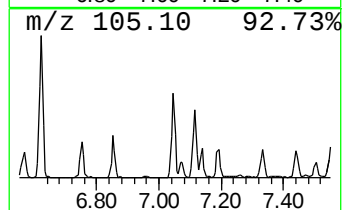
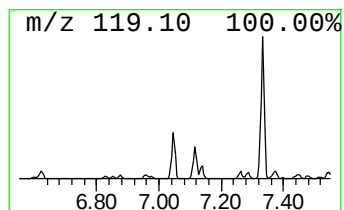
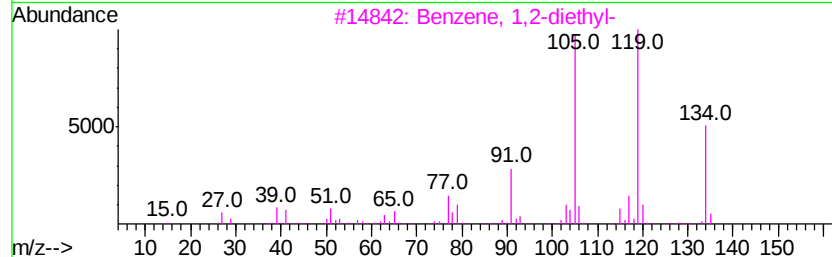
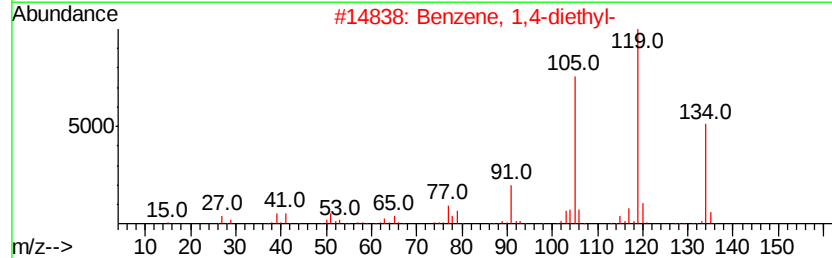
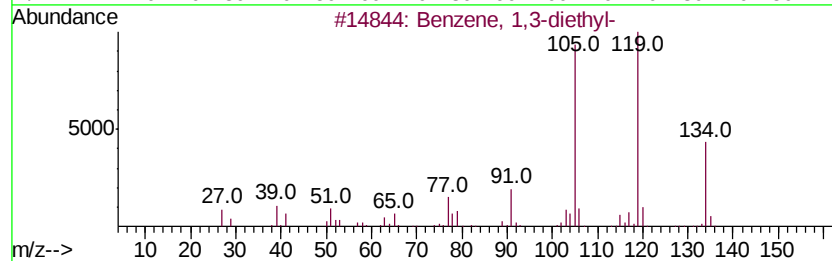
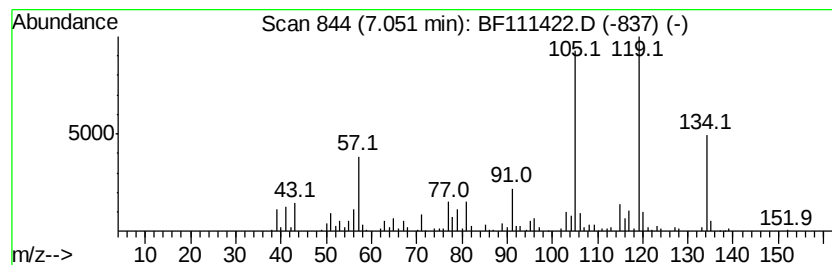
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	7.97 ng	429865	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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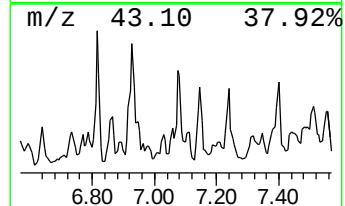
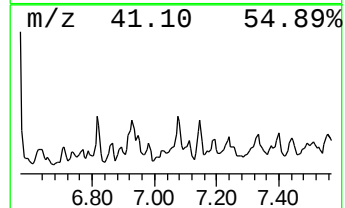
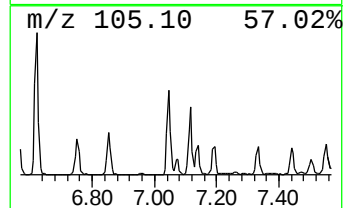
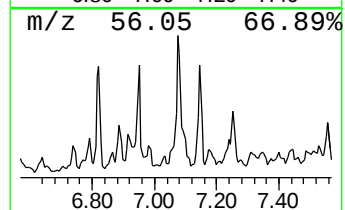
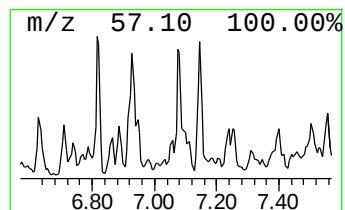
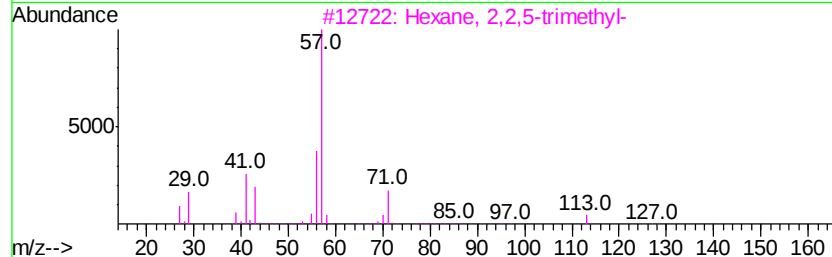
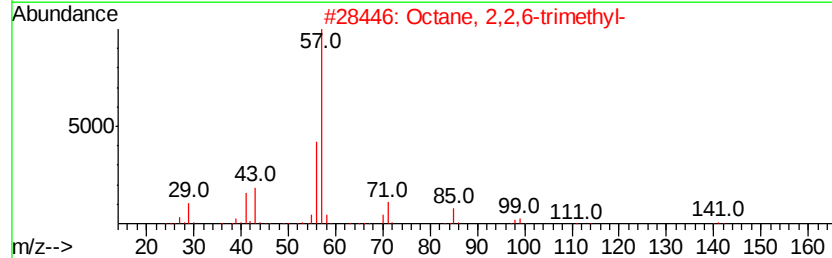
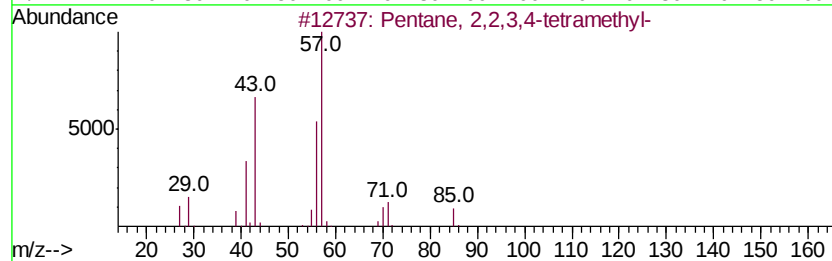
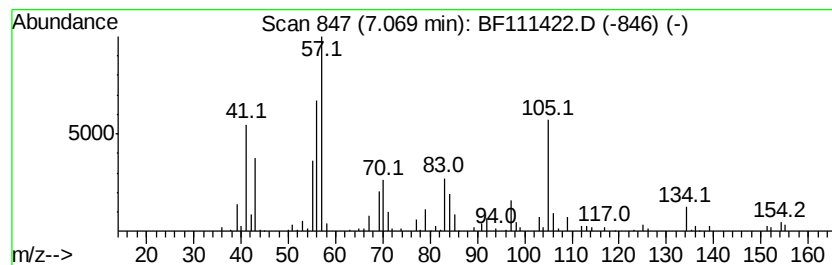
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	5.14 ng	277032	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	53



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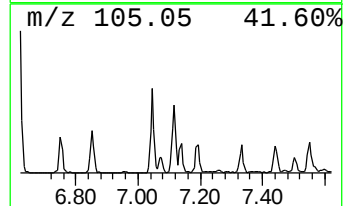
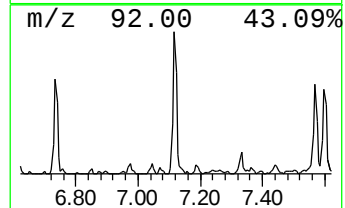
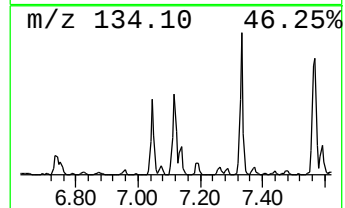
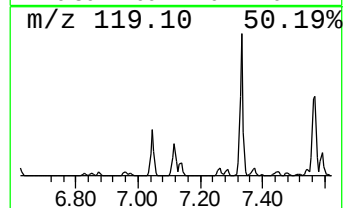
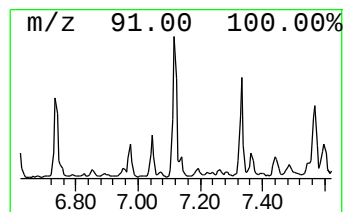
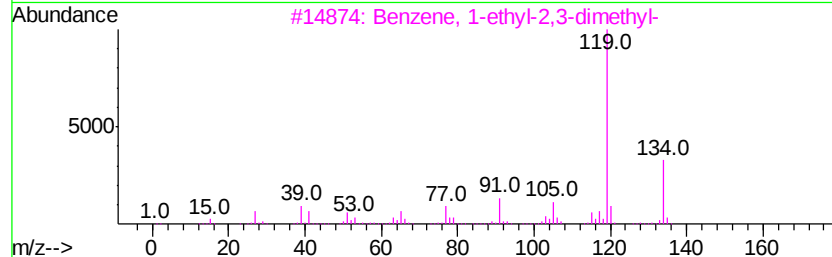
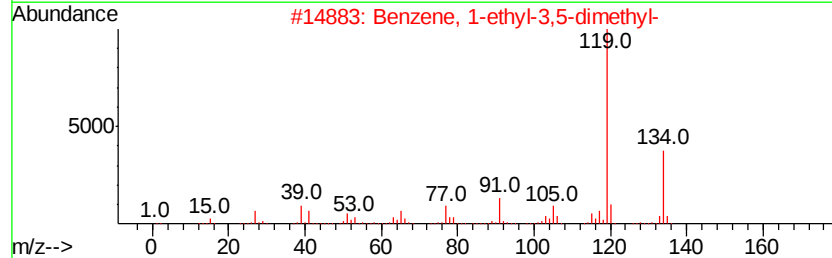
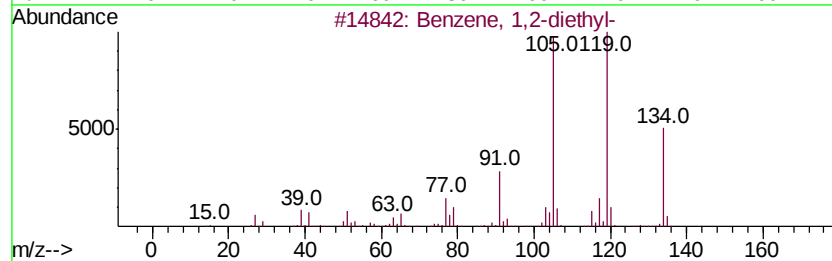
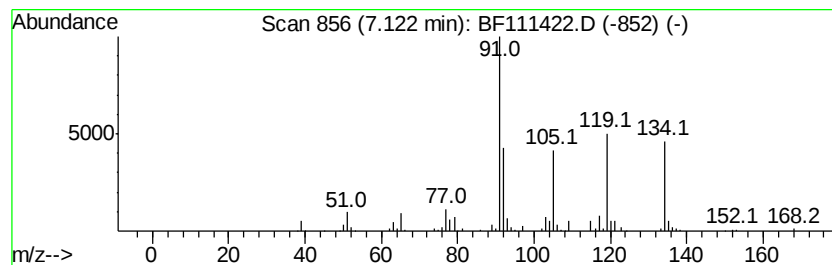
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.58 ng	300846	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
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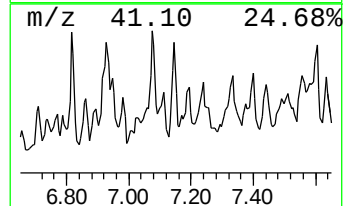
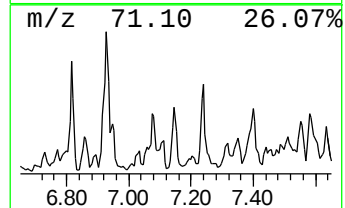
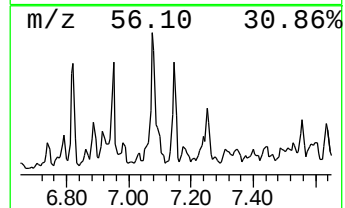
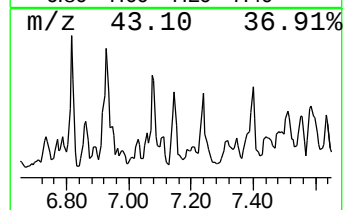
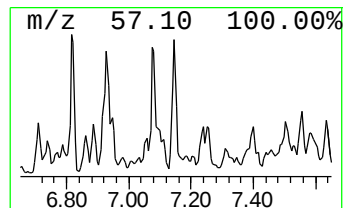
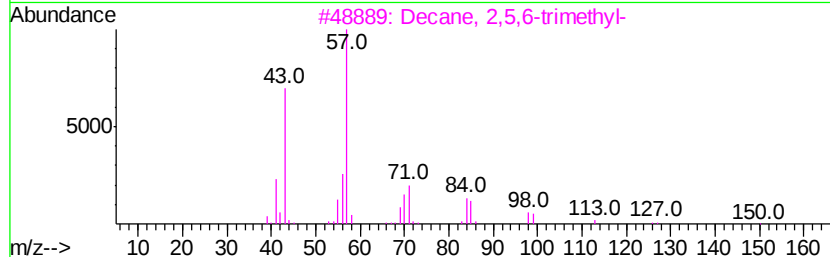
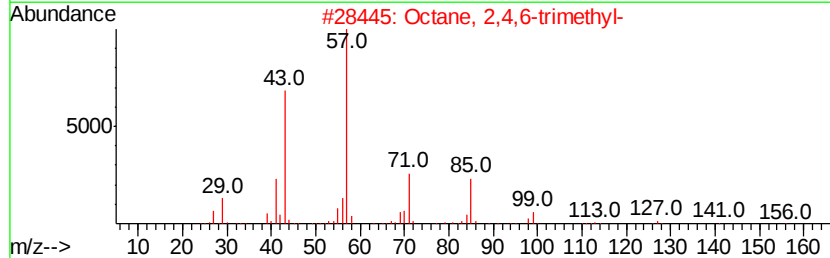
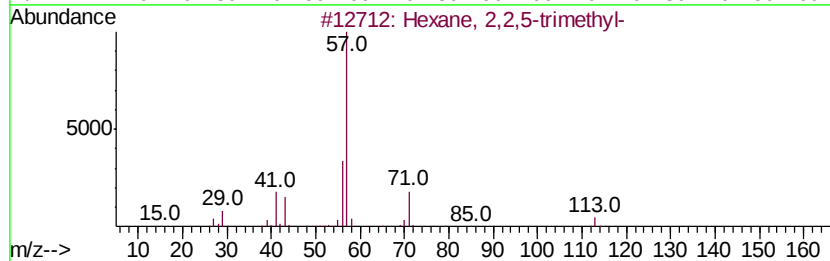
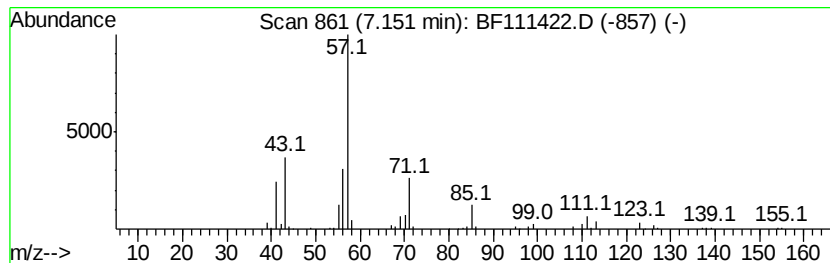
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexane, 2,2,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	5.01 ng	270204	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
Operator : JU/SJ
Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
063_SW-E-1

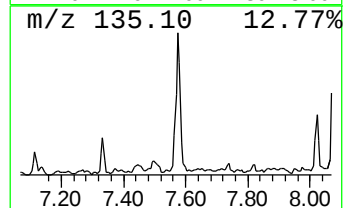
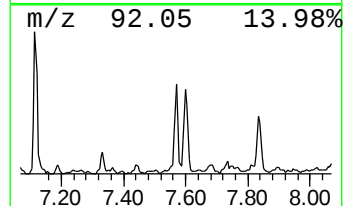
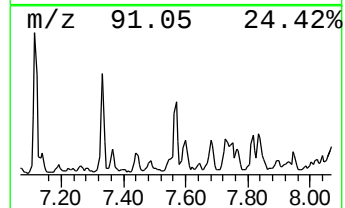
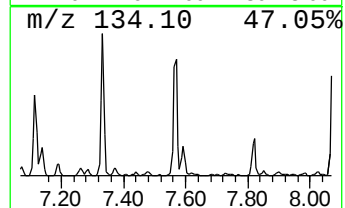
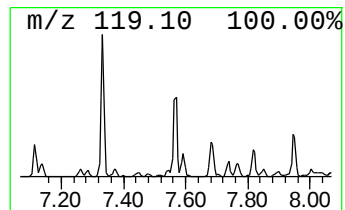
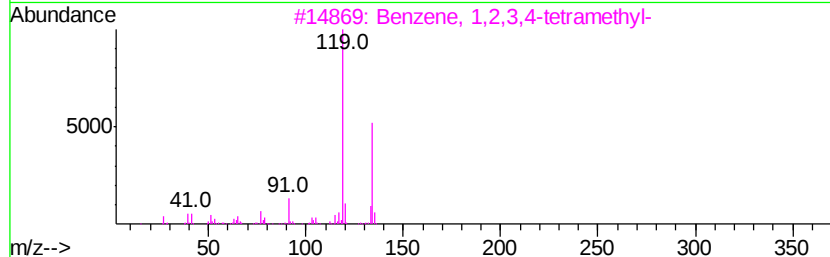
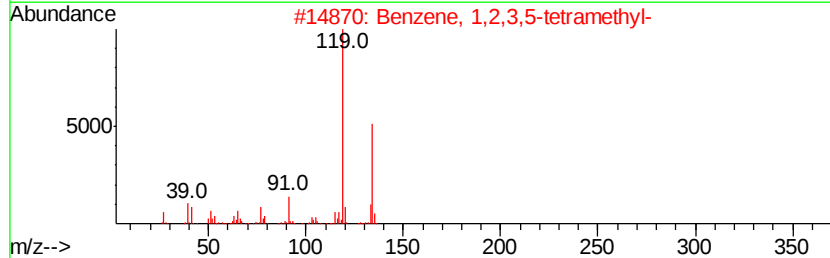
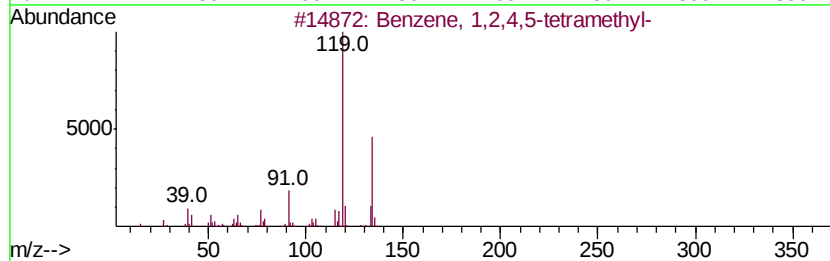
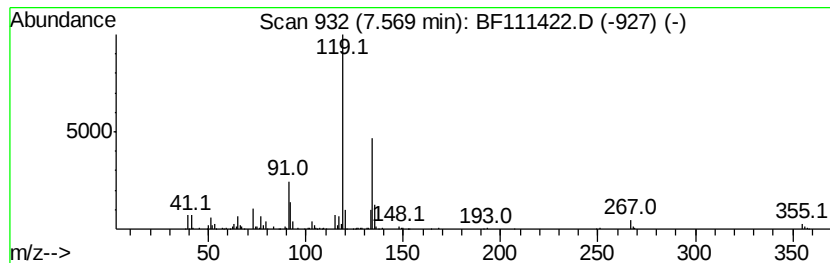
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	6.31 ng	545333	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		p-Cymene	134	C10H14	000099-87-6	81
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
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Sample : J6319-09
Misc :
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ClientSampleId :
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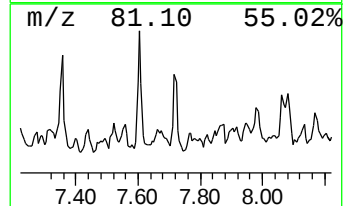
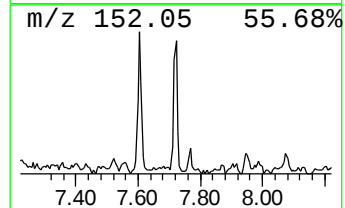
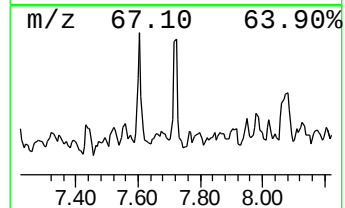
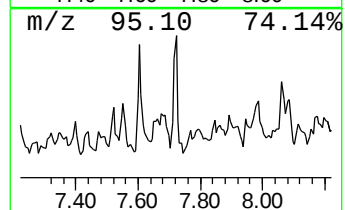
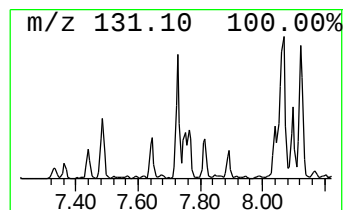
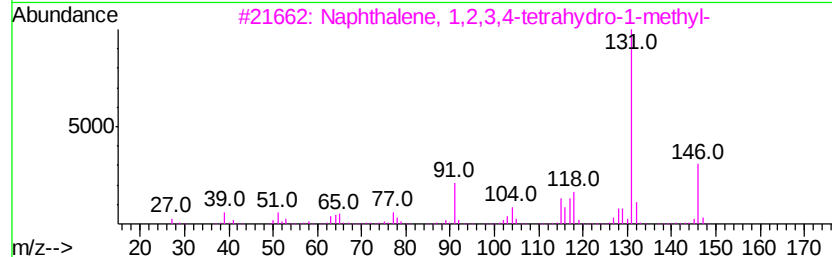
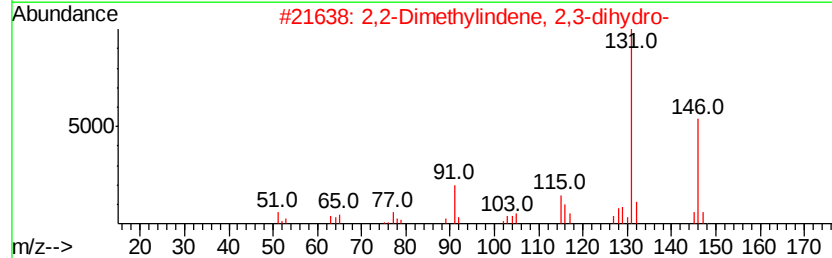
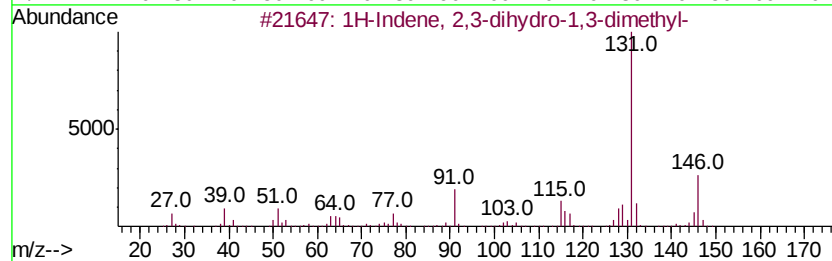
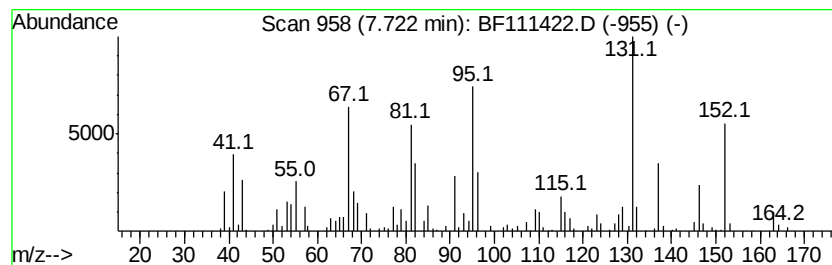
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.97 ng	342968	Naphthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	78
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	52
3			Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	38
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
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Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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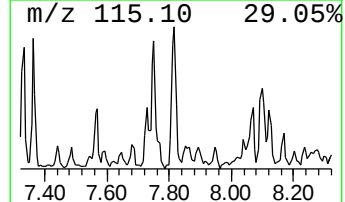
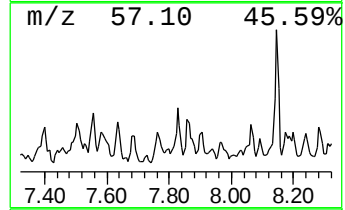
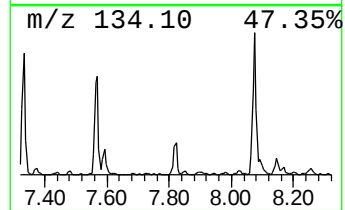
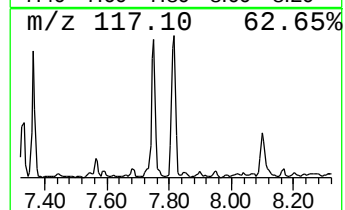
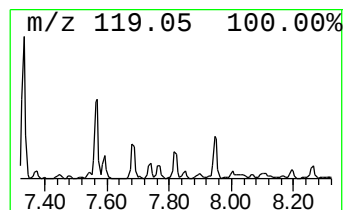
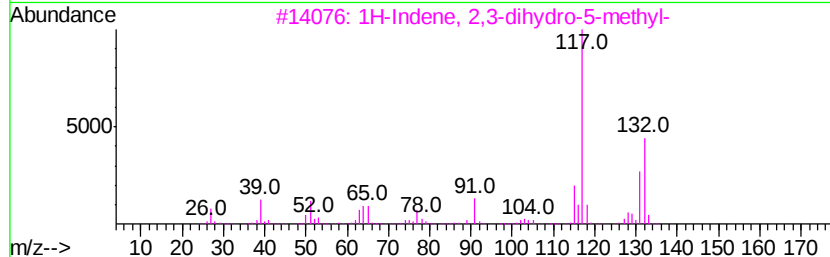
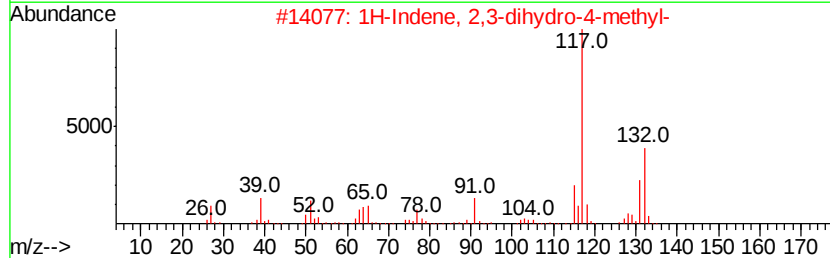
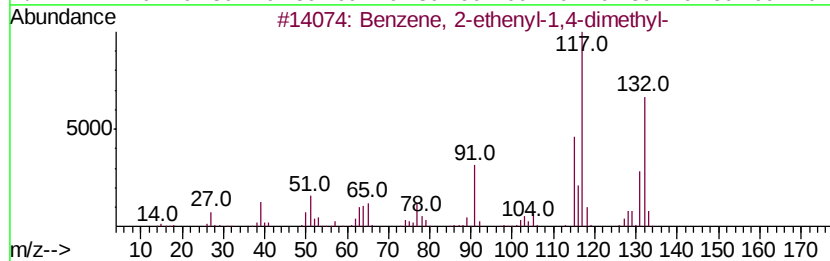
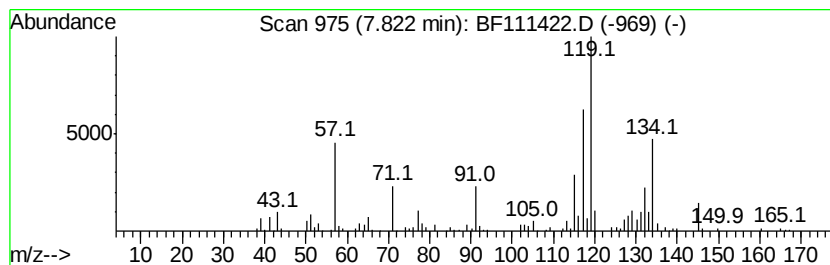
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	6.13 ng	529527	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	60
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
Operator : JU/SJ
Sample : J6319-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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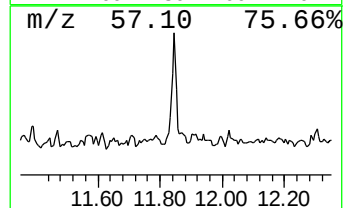
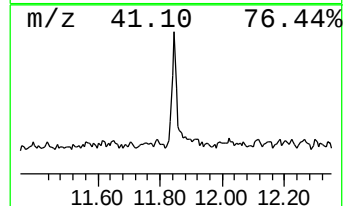
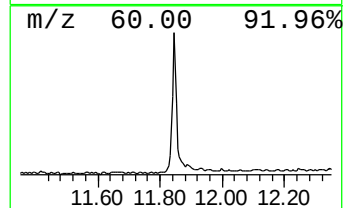
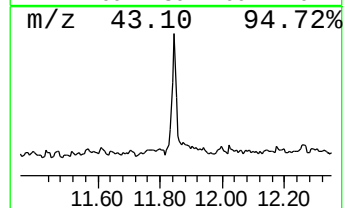
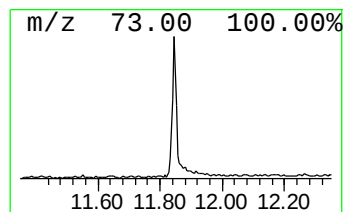
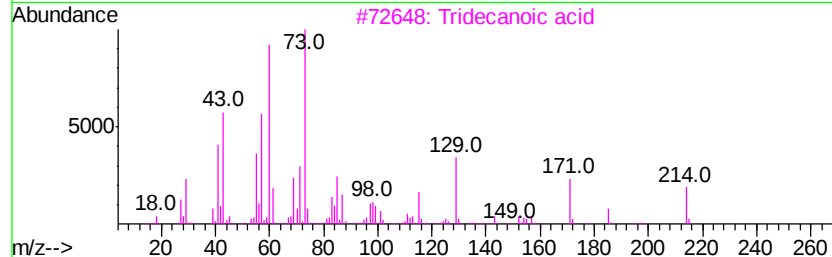
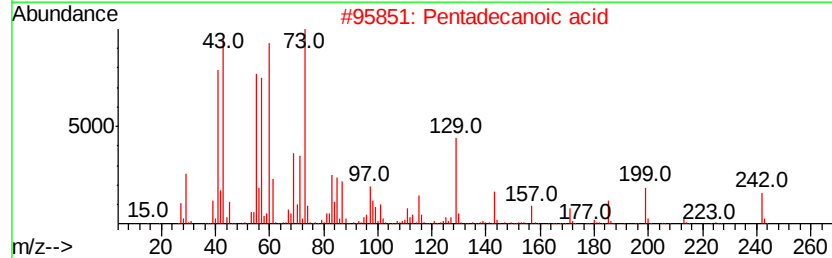
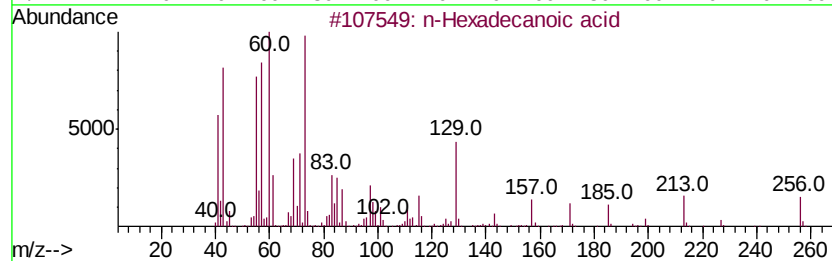
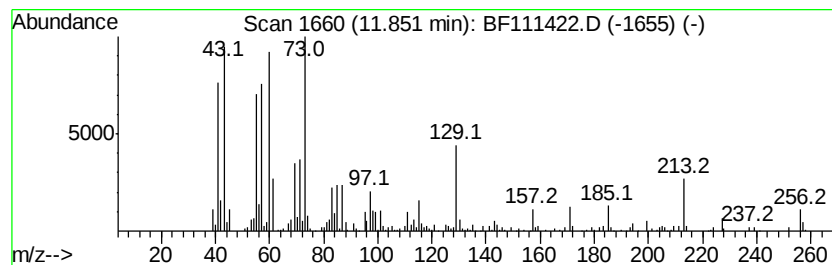
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.82 ng	428278	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111422.D
Acq On : 14 Dec 2018 16:49
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ClientSampleId :
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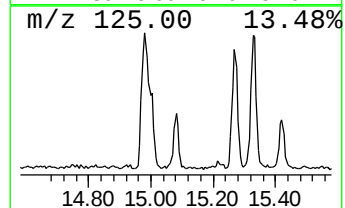
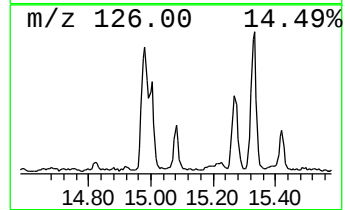
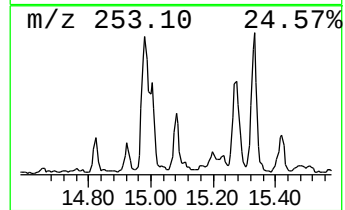
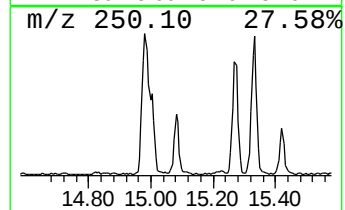
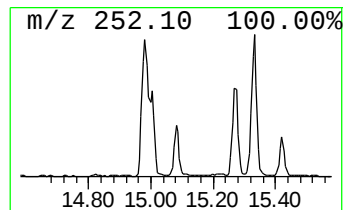
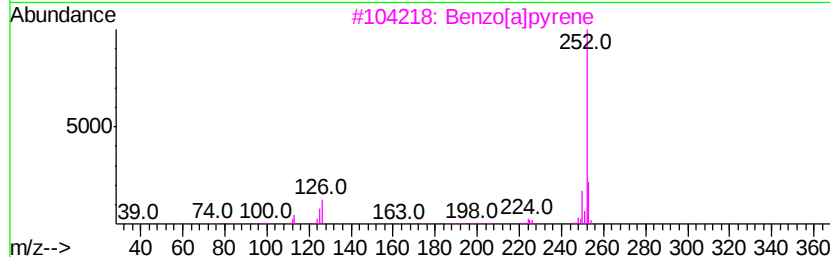
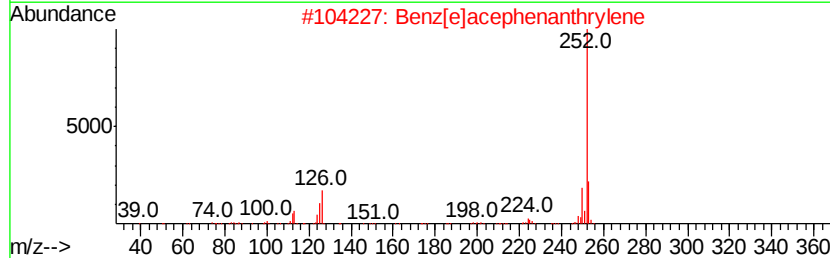
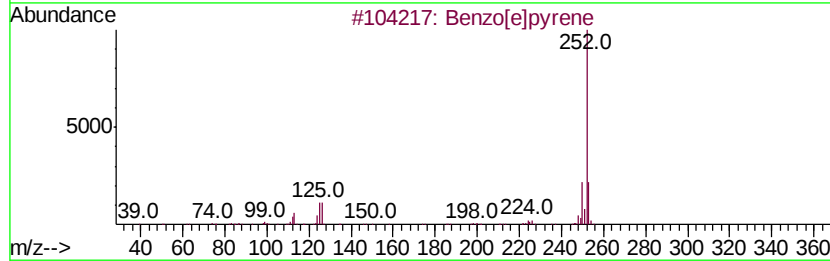
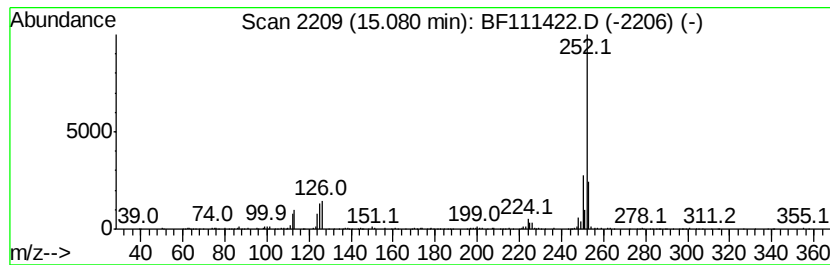
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	8.08 ng	346022	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111422.D
 Acq On : 14 Dec 2018 16:49
 Operator : JU/SJ
 Sample : J6319-09
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 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...	5.00	5.1 ng		275124	1	6.79	1078700	20.0
Decane, 2,5,6-tri...	6.30	4.1 ng		218934	1	6.79	1078700	20.0
unknown6.57	6.57	80.8 ng		4357230	1	6.79	1078700	20.0
Mesitylene	6.62	6.5 ng		348440	1	6.79	1078700	20.0
unknown6.86	6.86	4.0 ng		214356	1	6.79	1078700	20.0
Indane	6.97	6.6 ng		357532	1	6.79	1078700	20.0
Benzene, 1,3-diet...	7.05	8.0 ng		429865	1	6.79	1078700	20.0
Pentane, 2,2,3,4-...	7.07	5.1 ng		277032	1	6.79	1078700	20.0
Benzene, 1,2-diet...	7.12	5.6 ng		300846	1	6.79	1078700	20.0
Hexane, 2,2,5-tri...	7.15	5.0 ng		270204	1	6.79	1078700	20.0
Benzene, 1,2,4,5-...	7.57	6.3 ng		545333	2	8.07	1728490	20.0
1H-Indene, 2,3-di...	7.72	4.0 ng		342968	2	8.07	1728490	20.0
Benzene, 2-etheny...	7.82	6.1 ng		529527	2	8.07	1728490	20.0
n-Hexadecanoic acid	11.85	6.8 ng		428278	4	11.31	1256190	20.0
Benzo[e]pyrene	15.08	8.1 ng		346022	6	15.39	856749	20.0