

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120319\
 Data File : BF118069.D
 Acq On : 3 Dec 2019 18:29
 Operator : JU
 Sample : K6027-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

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-BF111319.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	2.146	4	10	15	rVB	3203929	4132583	35.07%	3.015%
2	2.534	63	76	85	rVB3	90182	240292	2.04%	0.175%
3	3.598	244	257	261	rBV2	76025	206988	1.76%	0.151%
4	3.734	271	280	286	rBV2	120340	247714	2.10%	0.181%
5	3.951	312	317	322	rVV	721561	962235	8.17%	0.702%
6	4.204	351	360	365	rVB3	115986	203826	1.73%	0.149%
7	4.263	365	370	378	rVB4	80082	155270	1.32%	0.113%
8	4.357	378	386	389	rBV3	101306	194382	1.65%	0.142%
9	4.487	402	408	412	rVB3	106552	179301	1.52%	0.131%
10	4.534	412	416	420	rBV2	138937	184302	1.56%	0.134%
11	4.640	429	434	438	rBV2	388900	479396	4.07%	0.350%
12	5.087	506	510	516	rBV	317701	395625	3.36%	0.289%
13	5.369	552	558	561	rBV	6737447	7878812	66.87%	5.748%
14	5.492	571	579	583	rBV2	7186600	11782990	100.00%	8.597%
15	5.728	615	619	622	rBV	2189959	1807279	15.34%	1.319%
16	6.045	669	673	676	rBV	892375	721159	6.12%	0.526%
17	6.339	719	723	726	rVB	1875097	1498113	12.71%	1.093%
18	6.404	726	734	736	rBV	843364	753581	6.40%	0.550%
19	6.434	736	739	743	rVB	1797705	1386361	11.77%	1.011%
20	6.481	743	747	749	rBV	1178587	1153585	9.79%	0.842%
21	6.504	749	751	757	rVB2	1373772	1298882	11.02%	0.948%
22	6.563	757	761	764	rBV	1799347	1470556	12.48%	1.073%
23	6.645	771	775	779	rBV	3158255	3220616	27.33%	2.350%
24	6.716	781	787	789	rVB	9472838	10220475	86.74%	7.457%
25	6.816	798	804	805	rBV	252768	228553	1.94%	0.167%
26	6.834	805	807	811	rVB	281403	235561	2.00%	0.172%
27	6.881	811	815	818	rBV	820780	746584	6.34%	0.545%
28	6.939	821	825	828	rBV	3759633	3196790	27.13%	2.332%
29	7.034	838	841	843	rVV	2594408	2603186	22.09%	1.899%
30	7.063	843	846	849	rVV	5302848	4520096	38.36%	3.298%
31	7.128	853	857	865	rBV2	2273301	2659116	22.57%	1.940%
32	7.198	865	869	871	rBV	2486058	2157320	18.31%	1.574%
33	7.216	871	872	876	rVB	414089	303492	2.58%	0.221%
34	7.275	878	882	886	rBV	732059	738331	6.27%	0.539%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.345	890	894	896	rBV	2014802	1934154	16.41%	1.411%
36	7.369	896	898	902	rVB	1078168	855776	7.26%	0.624%
37	7.416	902	906	908	rBV	3553159	3338206	28.33%	2.435%
38	7.445	908	911	915	rVB2	3414246	3601348	30.56%	2.627%
39	7.522	921	924	927	rBV2	277964	285724	2.42%	0.208%
40	7.563	927	931	934	rBV2	509332	479415	4.07%	0.350%
41	7.651	940	946	948	rBV	2856426	2635441	22.37%	1.923%
42	7.681	948	951	953	rVV	3248577	2940857	24.96%	2.146%
43	7.728	953	959	961	rVV	212811	230750	1.96%	0.168%
44	7.763	961	965	967	rVV	372725	343047	2.91%	0.250%
45	7.816	971	974	975	rVV2	364650	408924	3.47%	0.298%
46	7.833	975	977	983	rVB	1983153	1855322	15.75%	1.354%
47	7.904	983	989	992	rBV	3605035	3682806	31.26%	2.687%
48	7.928	992	993	995	rVV	597168	505813	4.29%	0.369%
49	7.981	998	1002	1004	rVV3	414379	652177	5.53%	0.476%
50	8.004	1004	1006	1008	rVV	338446	277692	2.36%	0.203%
51	8.033	1008	1011	1014	rVB	405487	325769	2.76%	0.238%
52	8.110	1019	1024	1025	rBV2	230210	244255	2.07%	0.178%
53	8.157	1025	1032	1034	rBV2	1532077	2343305	19.89%	1.710%
54	8.186	1034	1037	1040	rVV2	4201538	4512382	38.30%	3.292%
55	8.210	1040	1041	1044	rVB	1036923	553387	4.70%	0.404%
56	8.239	1044	1046	1047	rBV	370627	319337	2.71%	0.233%
57	8.316	1056	1059	1064	rBV2	165348	179342	1.52%	0.131%
58	8.439	1069	1080	1086	rVV3	955077	1875048	15.91%	1.368%
59	8.545	1095	1098	1102	rVV2	894829	898273	7.62%	0.655%
60	8.598	1103	1107	1109	rVV3	180221	200807	1.70%	0.147%
61	8.633	1109	1113	1117	rVV2	795833	911634	7.74%	0.665%
62	8.669	1117	1119	1125	rVV5	346166	478788	4.06%	0.349%
63	8.728	1125	1129	1131	rVV2	244893	269458	2.29%	0.197%
64	8.757	1131	1134	1137	rVV	1706427	1455715	12.35%	1.062%
65	8.798	1138	1141	1144	rVV	162889	200645	1.70%	0.146%
66	8.833	1144	1147	1149	rVV2	183421	173621	1.47%	0.127%
67	8.880	1149	1155	1157	rVV2	816267	822803	6.98%	0.600%
68	8.904	1157	1159	1163	rVV2	375453	311281	2.64%	0.227%
69	8.980	1167	1172	1175	rVV2	1958258	2113722	17.94%	1.542%
70	9.016	1175	1178	1181	rVV2	289759	434836	3.69%	0.317%
71	9.057	1182	1185	1189	rVB2	382471	383948	3.26%	0.280%

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72	9.110	1189	1194	1197	rBV2	238169	275133	2.34%	0.201%
73	9.163	1201	1203	1207	rVB2	254665	245101	2.08%	0.179%
74	9.245	1212	1217	1220	rVB	4207831	3762831	31.93%	2.745%
75	9.333	1225	1232	1238	rVB5	321753	500664	4.25%	0.365%
76	9.439	1247	1250	1254	rBV4	154934	295335	2.51%	0.215%
77	9.510	1259	1262	1264	rVV2	442026	444088	3.77%	0.324%
78	9.551	1267	1269	1271	rVB	219986	153587	1.30%	0.112%
79	9.633	1280	1283	1286	rBV	680906	585704	4.97%	0.427%
80	9.927	1329	1333	1336	rVB	1277176	1123048	9.53%	0.819%
81	10.022	1345	1349	1352	rVB4	177383	230088	1.95%	0.168%
82	10.133	1364	1368	1372	rVB2	156066	196872	1.67%	0.144%
83	10.192	1372	1378	1381	rBV	387529	455366	3.86%	0.332%
84	10.722	1463	1468	1470	rBV	2688250	2677973	22.73%	1.954%
85	11.416	1583	1586	1589	rBV	1281466	1114949	9.46%	0.813%
86	11.951	1672	1677	1683	rBV	1932876	2282652	19.37%	1.665%
87	12.633	1790	1793	1795	rBV	164148	160421	1.36%	0.117%
88	12.739	1806	1811	1822	rBV	1403051	1525032	12.94%	1.113%
89	12.886	1831	1836	1845	rVB3	169230	267556	2.27%	0.195%
90	13.010	1853	1857	1860	rBV	4376530	4039894	34.29%	2.947%
91	13.904	2005	2009	2018	rBV2	630644	730634	6.20%	0.533%
92	14.068	2034	2037	2041	rVB	1042329	862117	7.32%	0.629%
93	14.227	2060	2064	2068	rBV	231764	207713	1.76%	0.152%
94	14.533	2112	2116	2124	rVB	354067	365562	3.10%	0.267%
95	14.845	2165	2169	2173	rBV	504089	471508	4.00%	0.344%
96	15.192	2223	2228	2239	rVB	529464	597722	5.07%	0.436%
97	15.562	2286	2291	2293	rBV	681132	912651	7.75%	0.666%
98	15.586	2293	2295	2303	rVB	479561	542398	4.60%	0.396%
99	16.033	2366	2371	2376	rBV	314942	482763	4.10%	0.352%
100	16.556	2454	2460	2476	rVB2	176638	356930	3.03%	0.260%

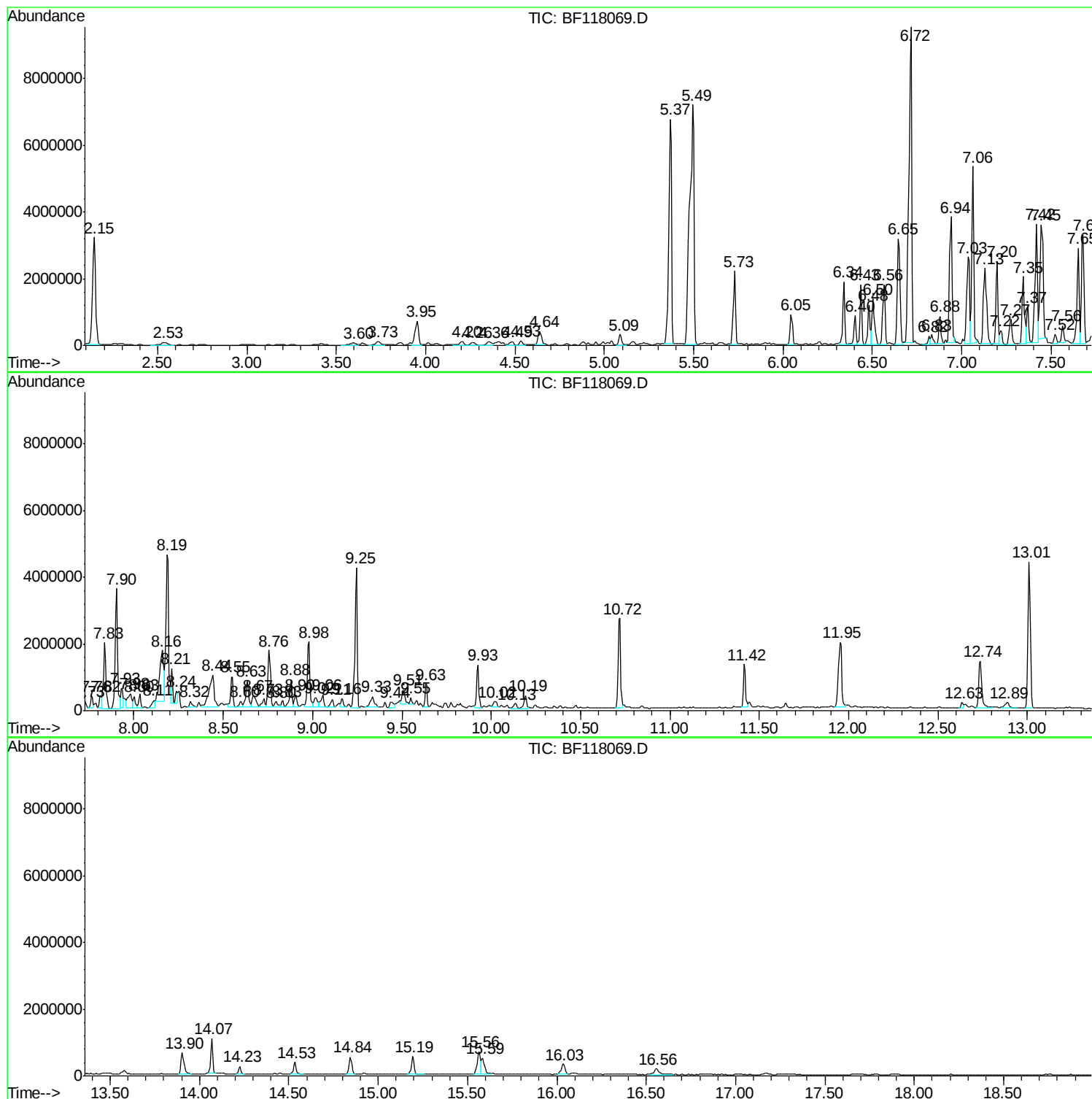
Sum of corrected areas: 137065452

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.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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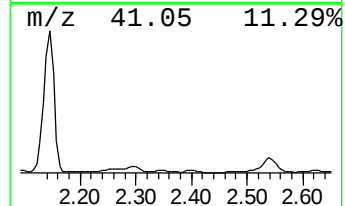
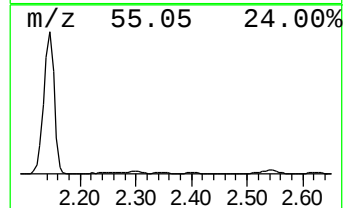
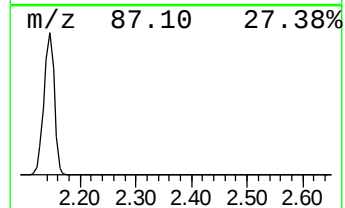
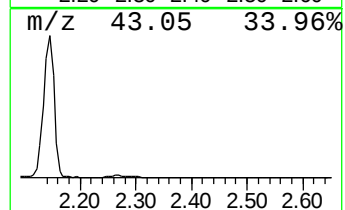
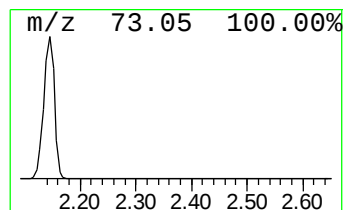
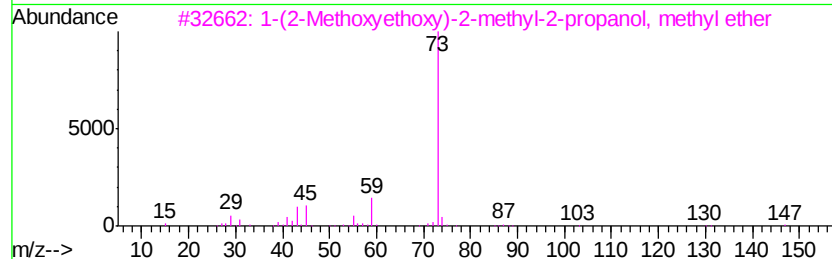
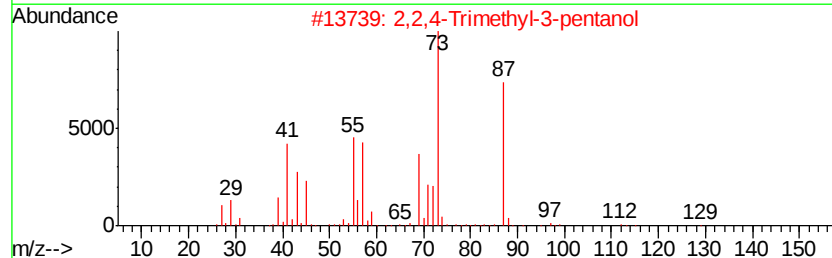
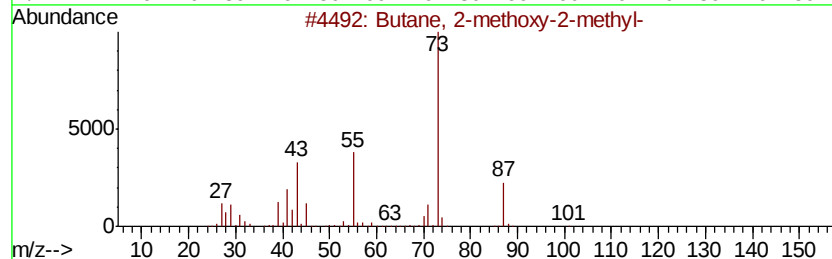
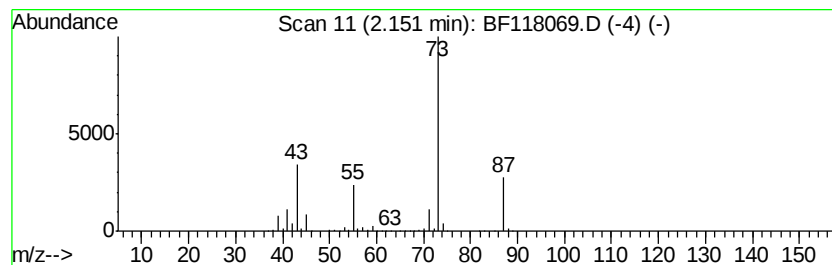
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	110.71 ng	4132580	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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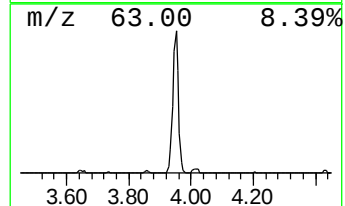
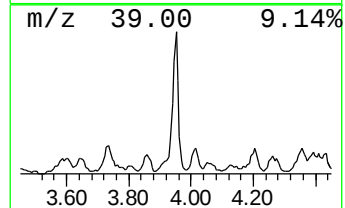
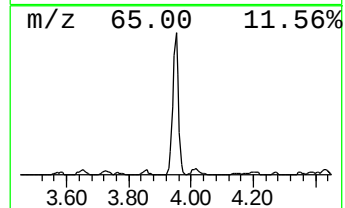
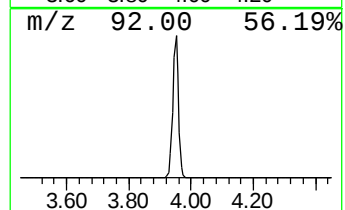
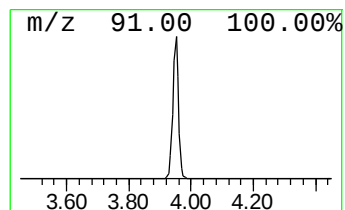
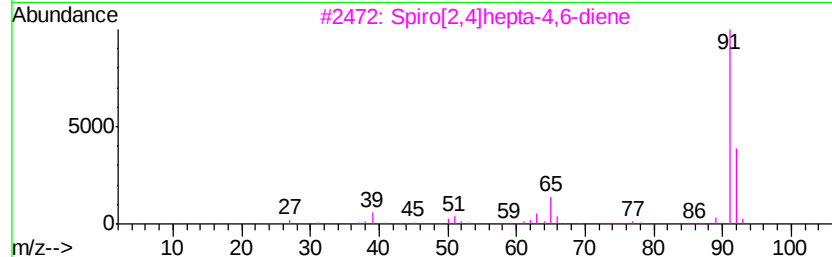
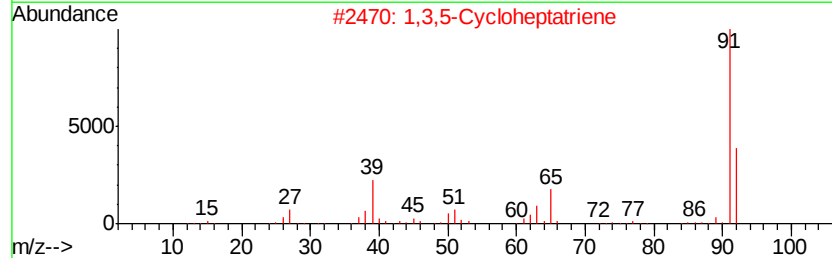
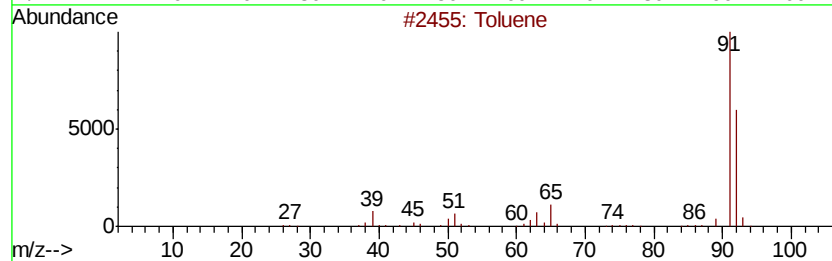
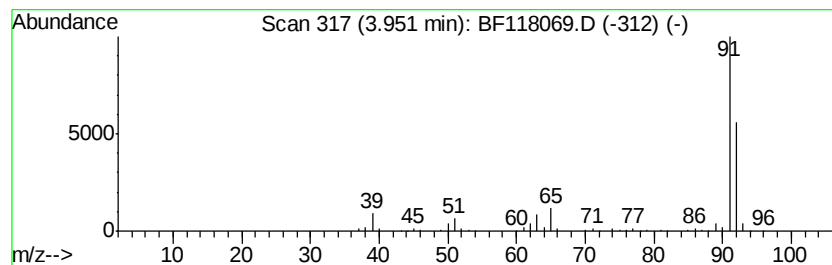
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	25.78 ng	962235	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	74
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5			Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72



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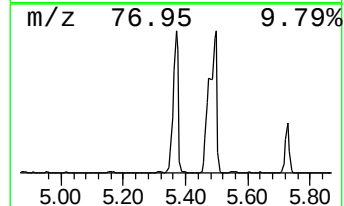
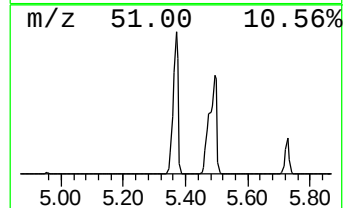
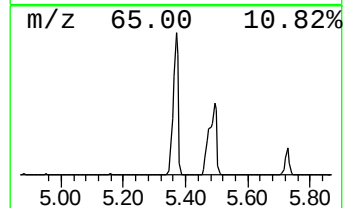
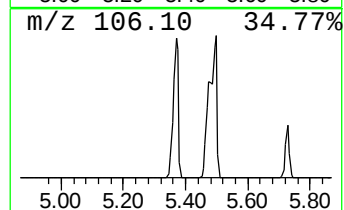
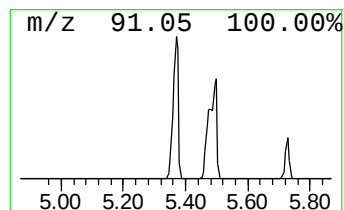
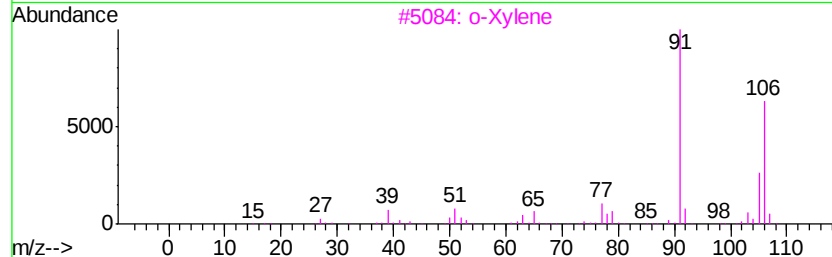
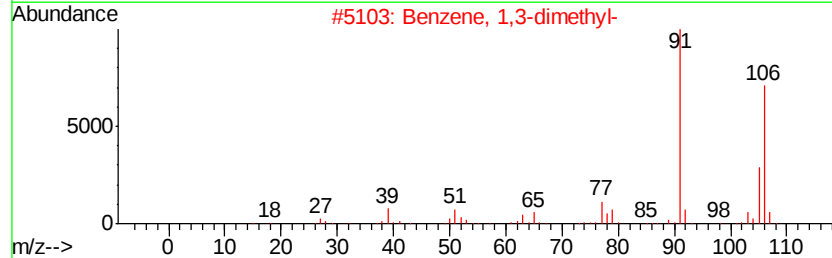
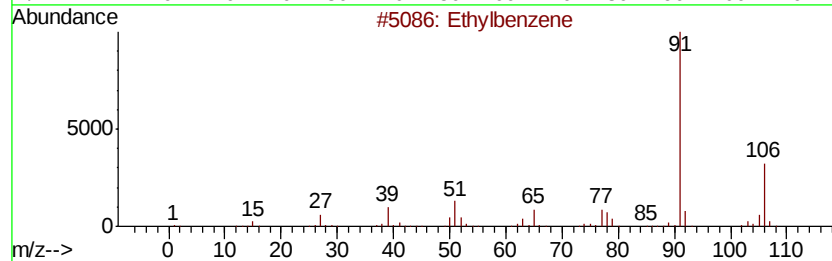
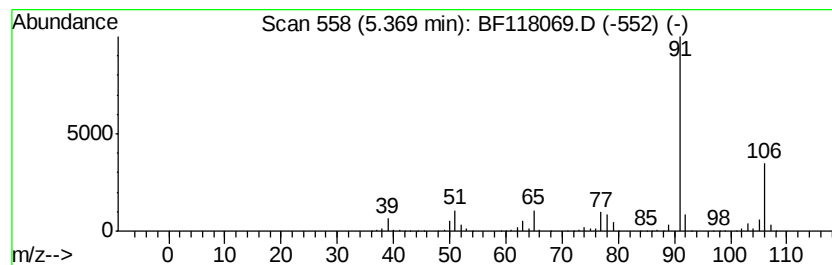
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	211.06 ng	7878810	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylbenzene	106	C8H10	000100-41-4	94
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
3		o-Xylene	106	C8H10	000095-47-6	72
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72
5		p-Xylene	106	C8H10	000106-42-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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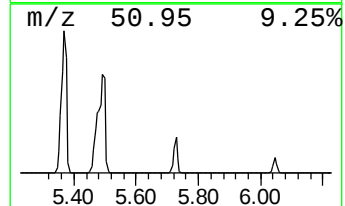
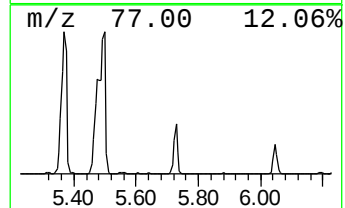
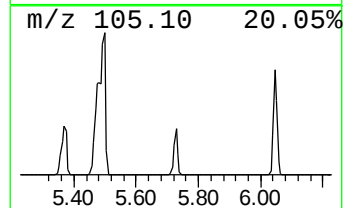
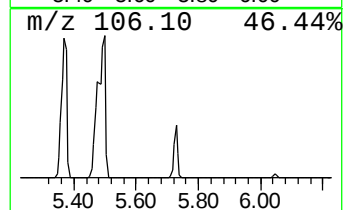
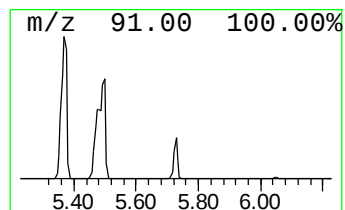
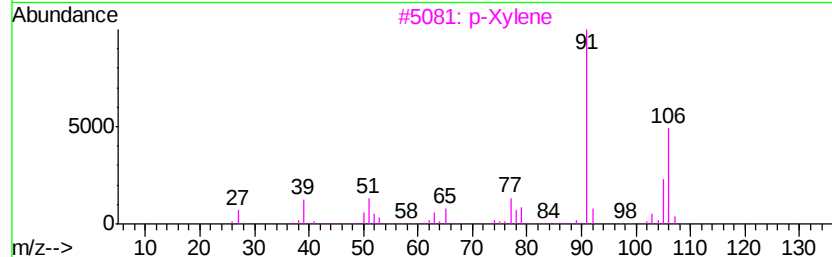
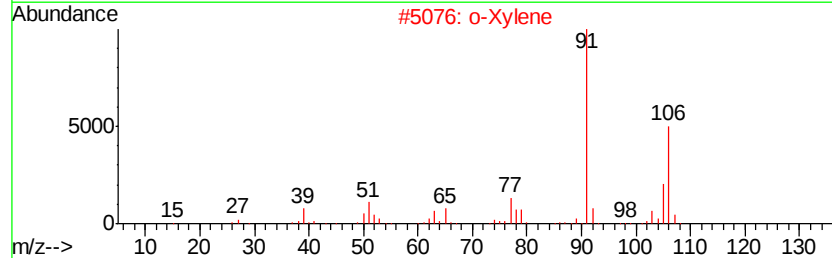
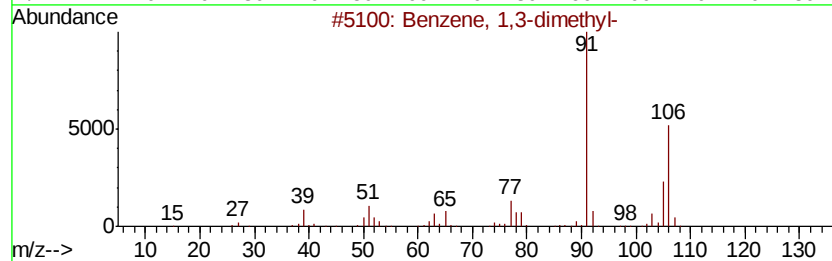
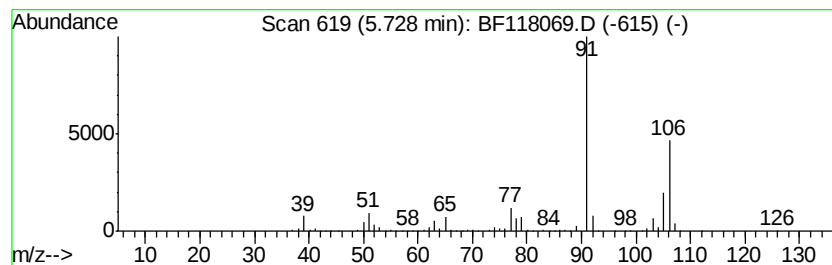
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentene, 1-ethenyl-3-m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	48.41 ng	1807280	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Ethylbenzene	106	C8H10	000100-41-4	87
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
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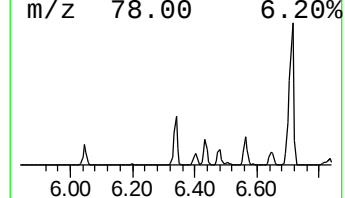
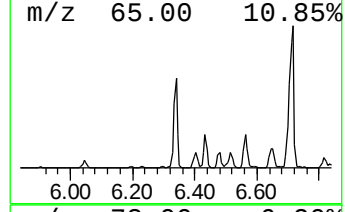
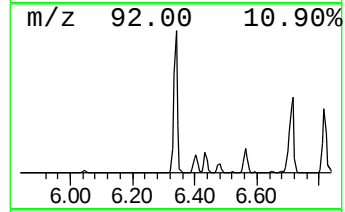
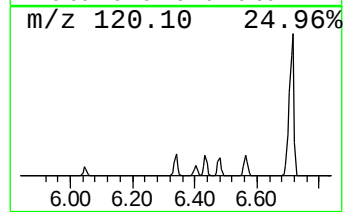
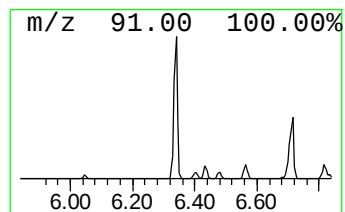
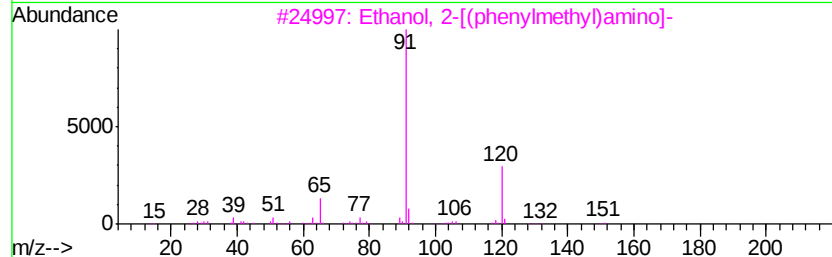
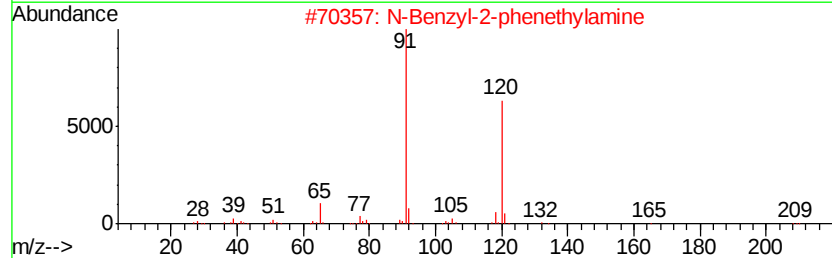
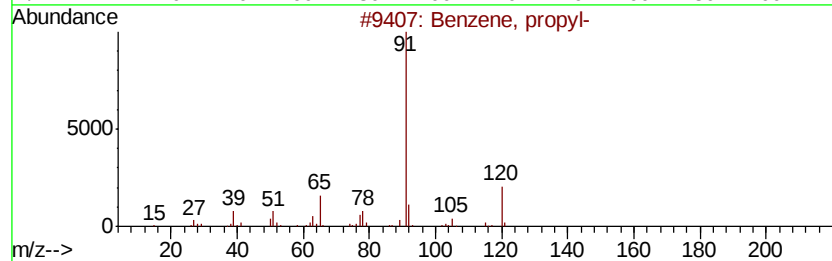
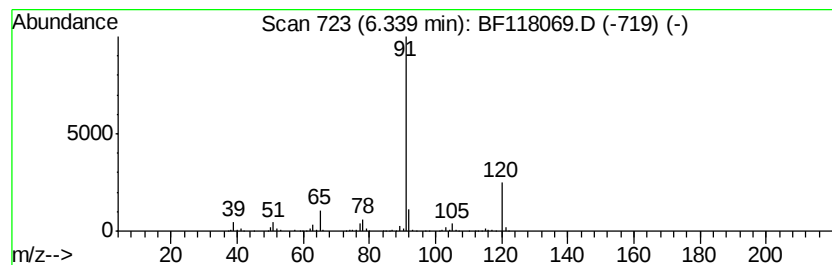
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	40.13 ng	1498110	1,4-Dichlorobenzene-d4	6.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78
3		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 72
4		1,2-Ethanediamine, N,N'-bis(phen...)	240 C16H20N2	000140-28-3 64
5		Propanenitrile, 3-[(phenylmethyl)...	160 C10H12N2	000706-03-6 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
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Sample : K6027-04
Misc :
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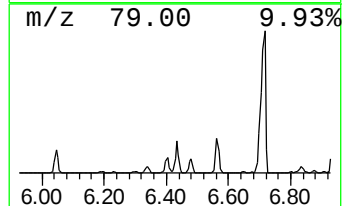
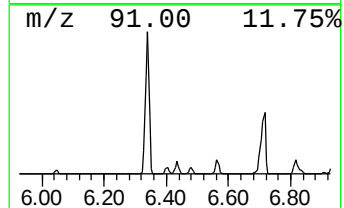
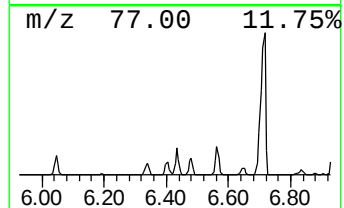
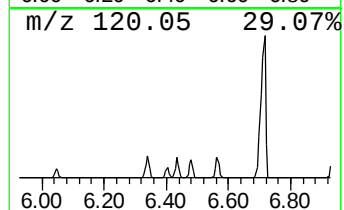
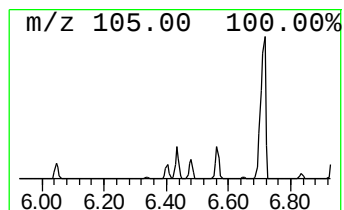
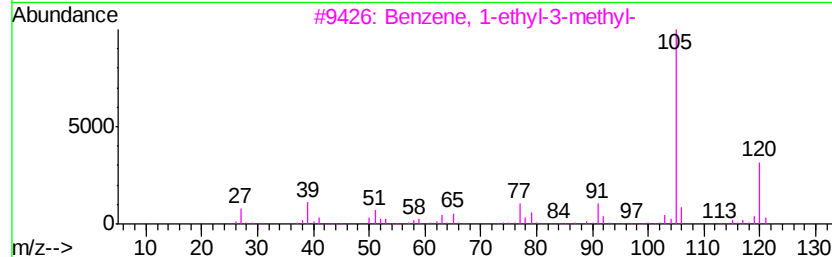
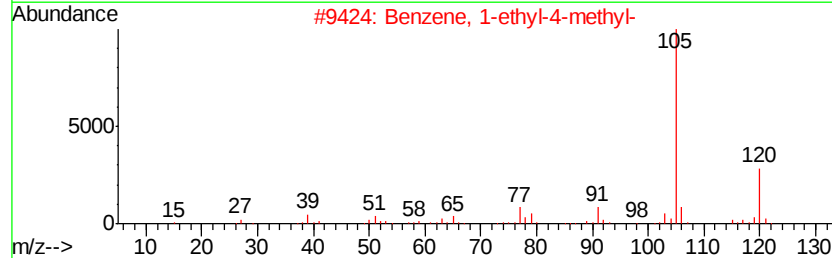
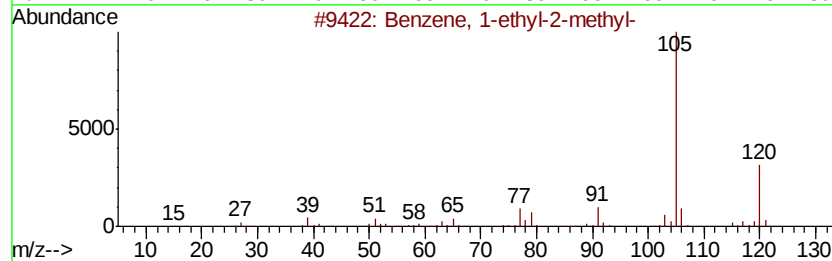
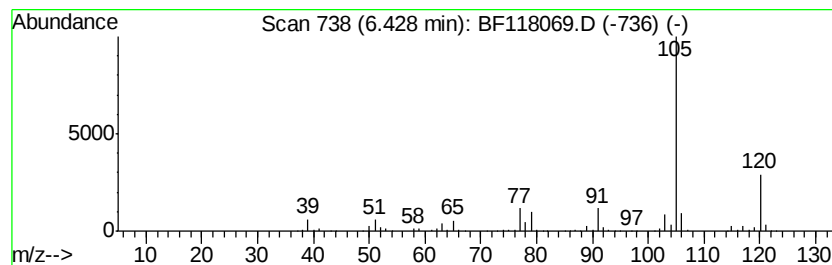
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	37.14 ng	1386360	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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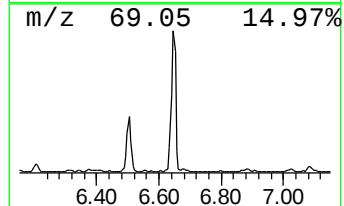
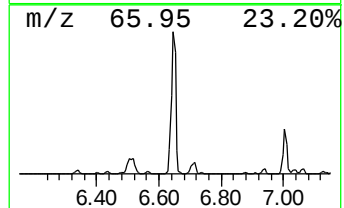
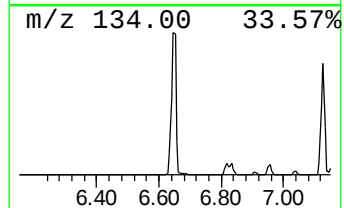
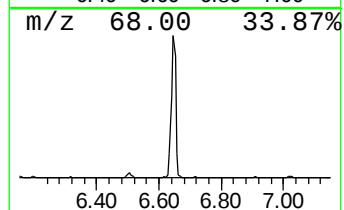
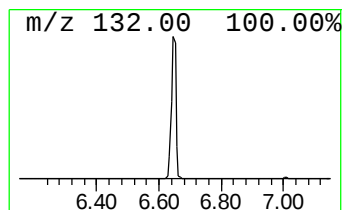
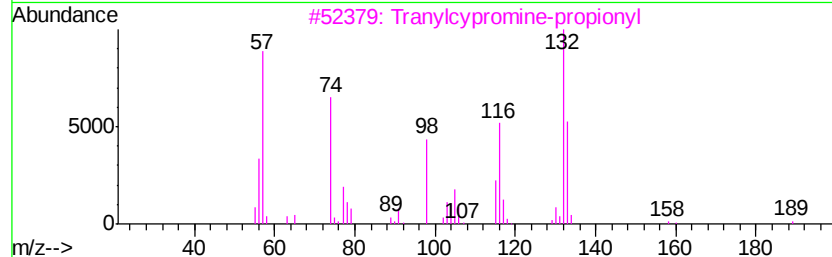
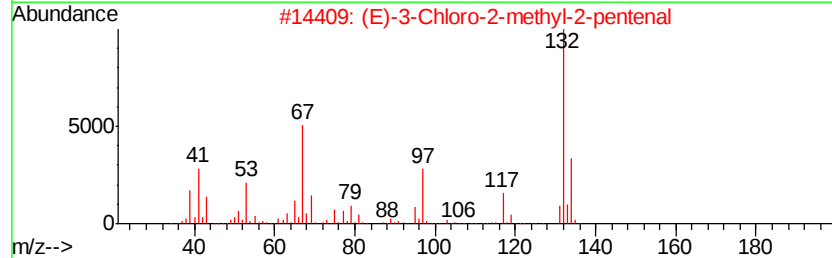
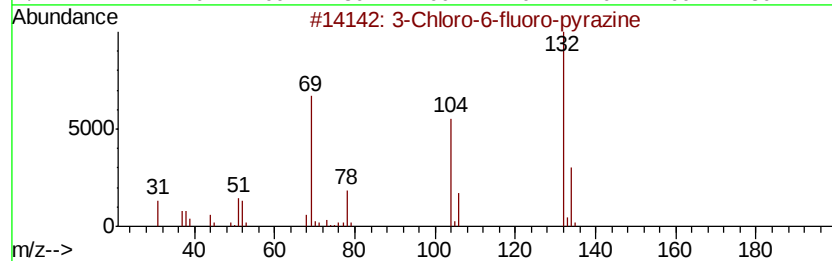
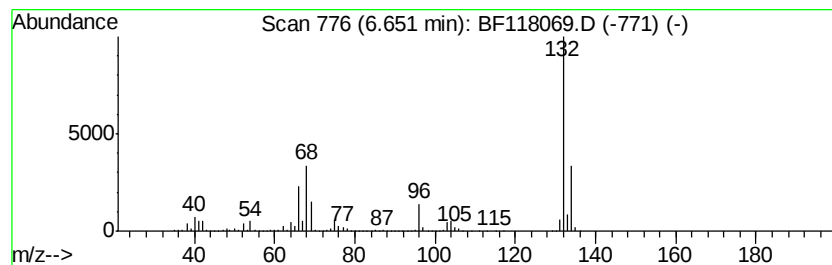
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.65 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	86.28 ng	3220620	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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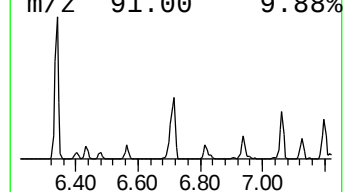
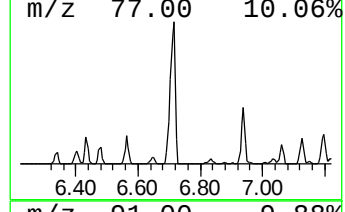
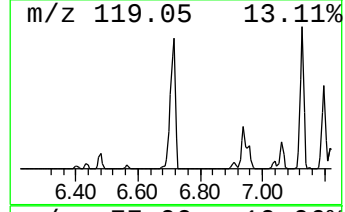
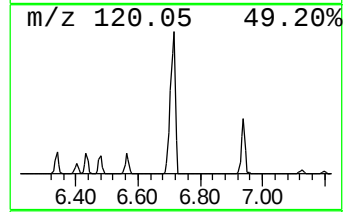
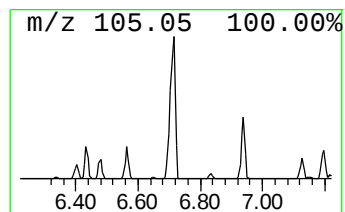
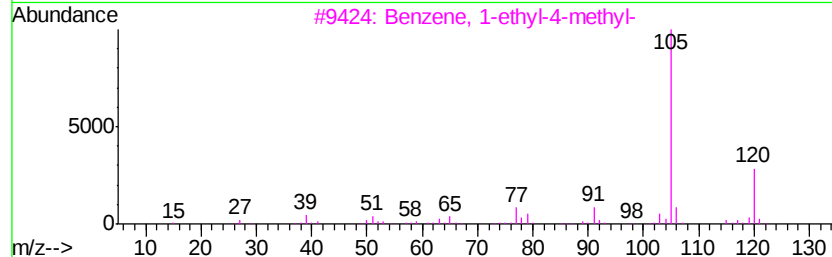
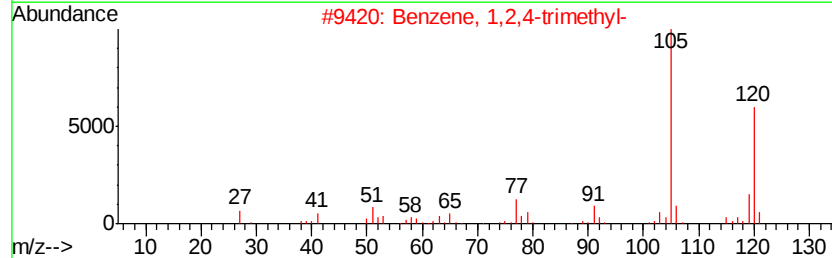
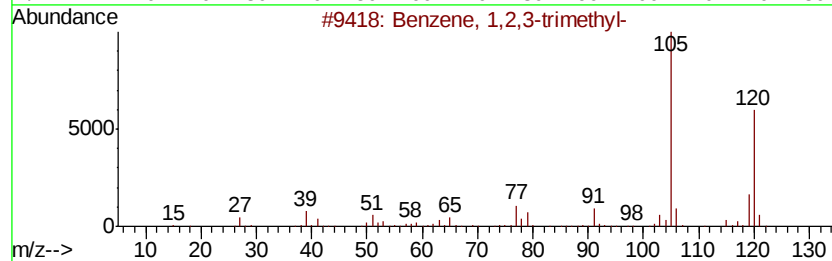
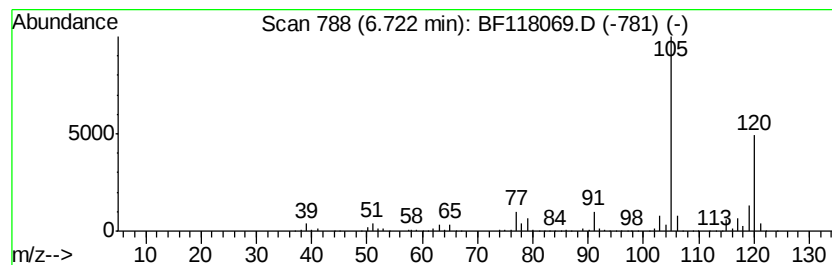
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	273.79 ng	10220500	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



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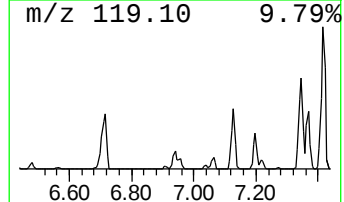
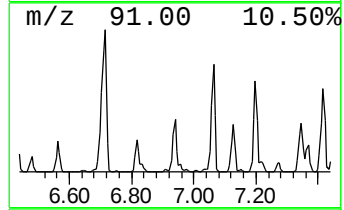
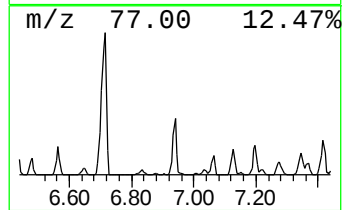
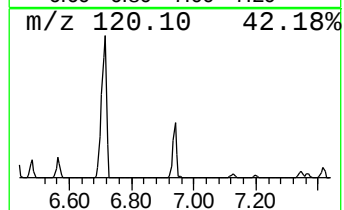
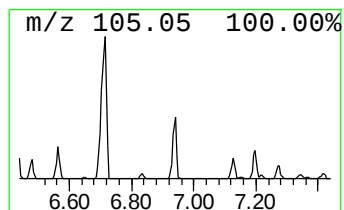
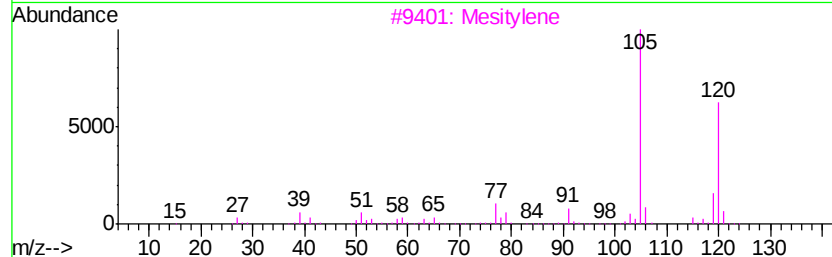
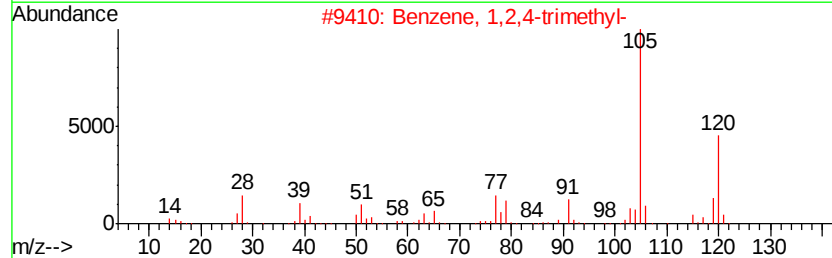
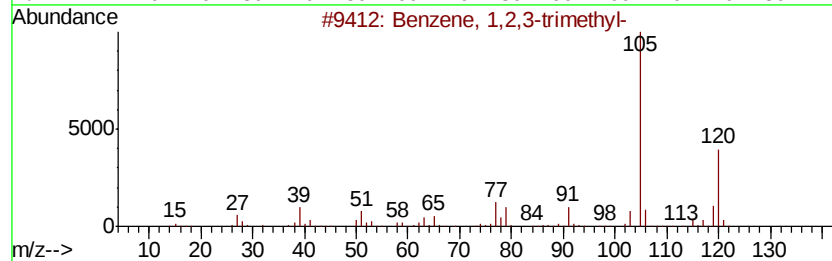
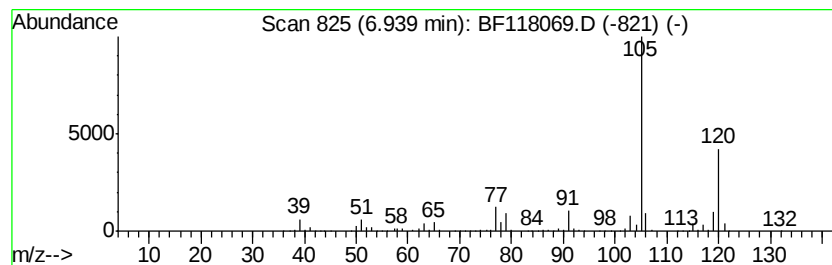
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	85.64 ng	3196790	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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Data File : BF118069.D
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ClientSampleId :
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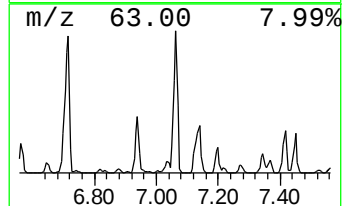
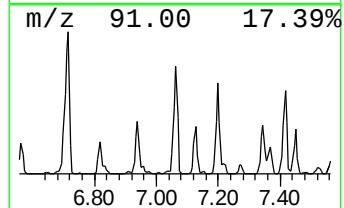
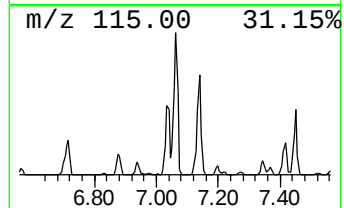
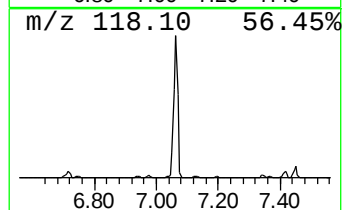
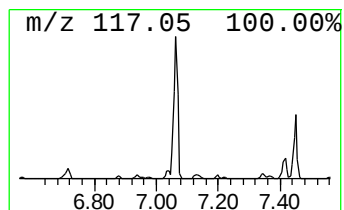
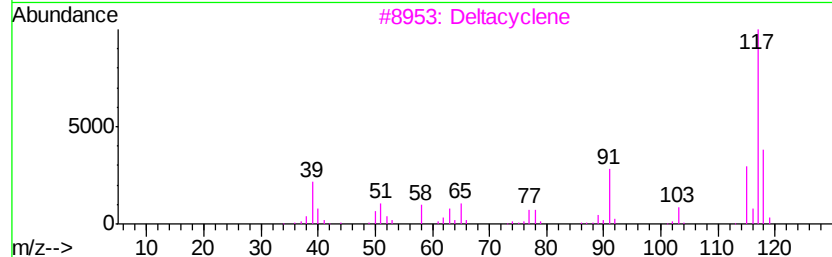
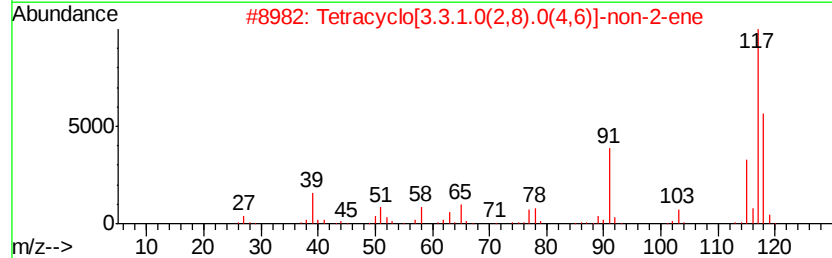
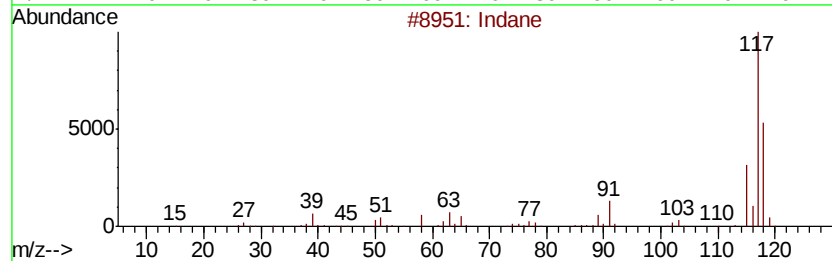
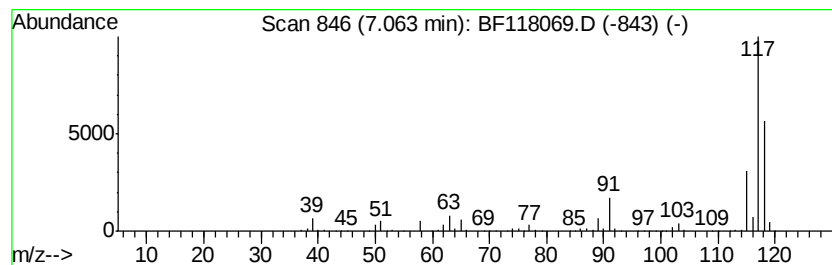
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	121.09 ng	4520100	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	80
3	Deltacyclene		118	C9H10	007785-10-6	72
4	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	59
5	Benzaldehyde, 4-(1-phenyl-2-prop...		238	C16H14O2	1000277-56-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

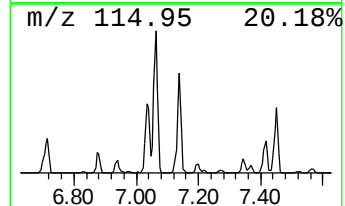
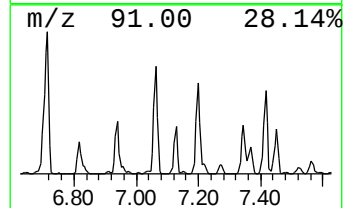
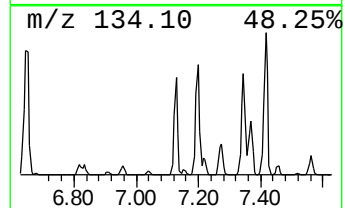
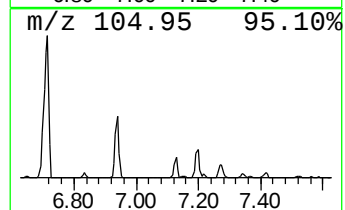
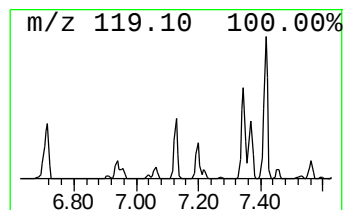
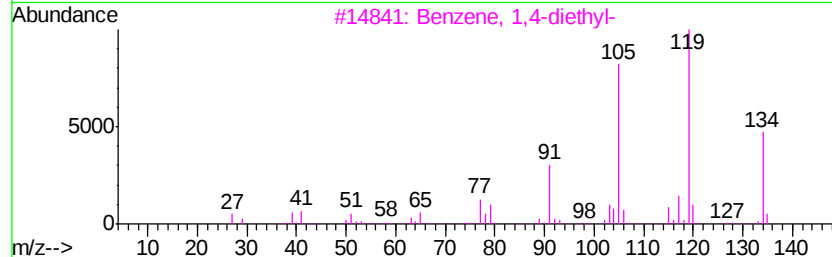
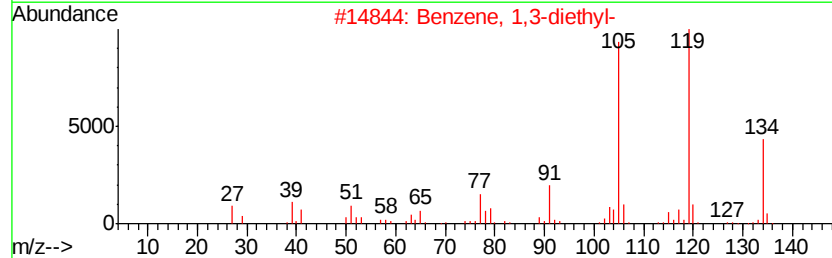
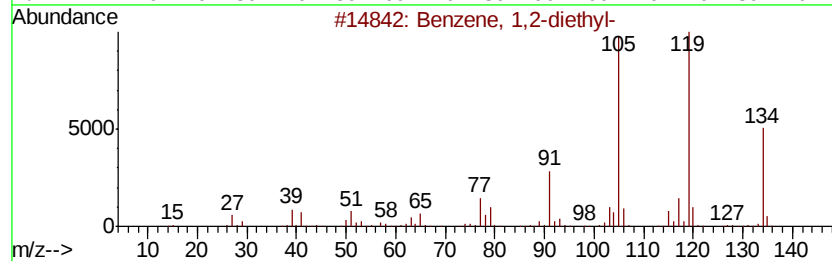
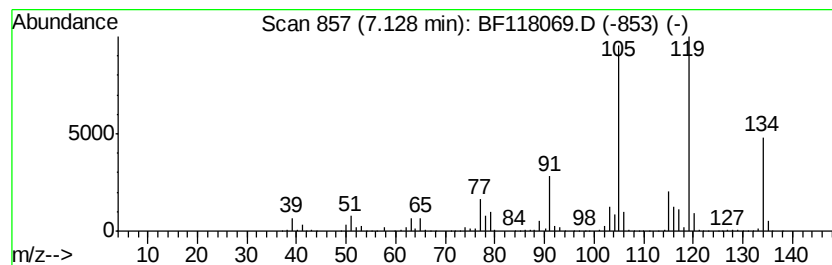
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	71.23 ng	2659120	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

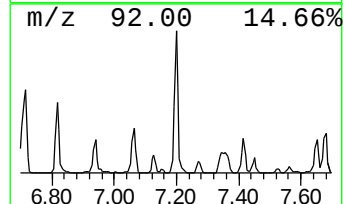
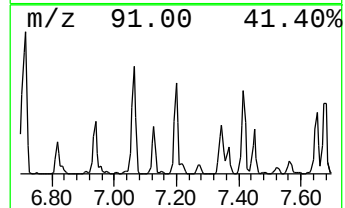
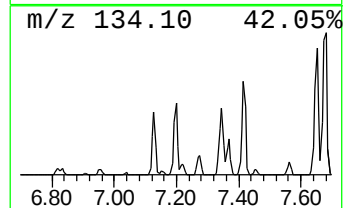
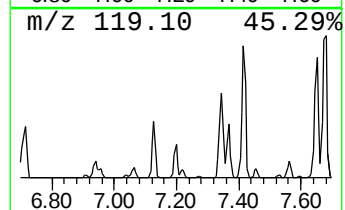
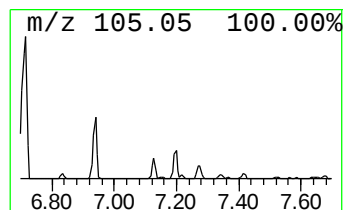
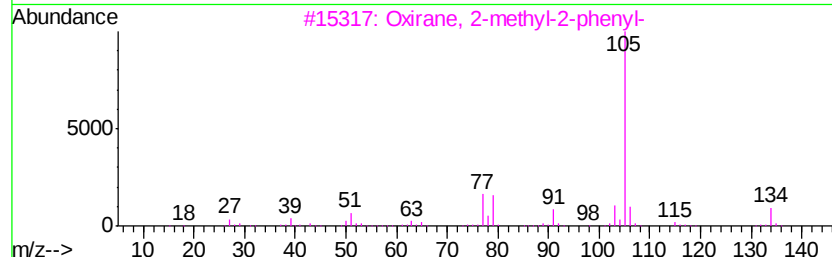
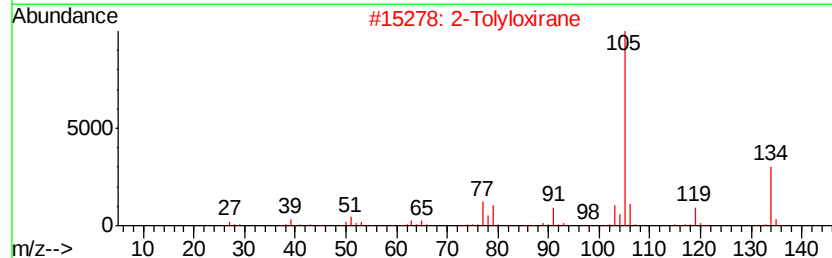
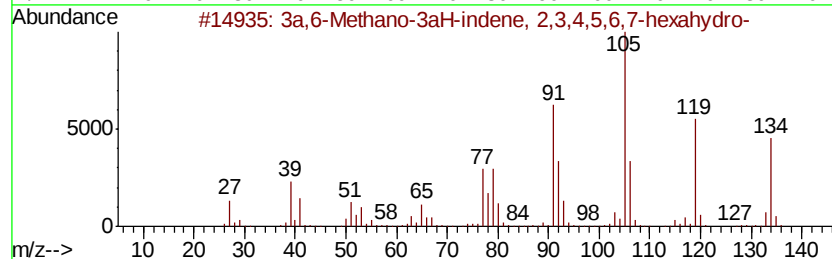
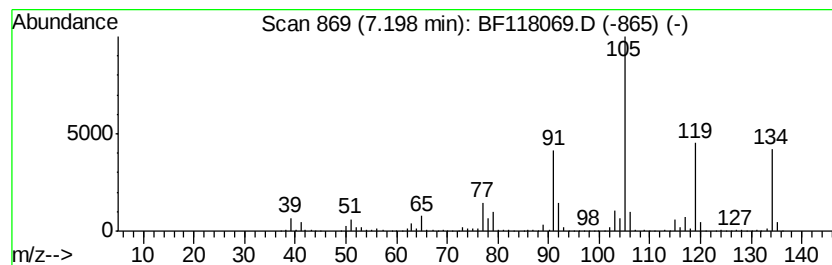
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3a,6-Methano-3aH-indene, 2,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	57.79 ng	2157320	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	80
2		2-Tolyloxirane	134	C9H10O	002783-26-8	64
3		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	60
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

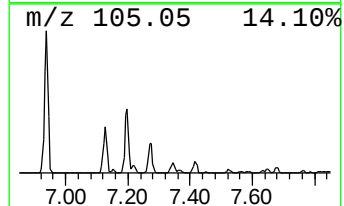
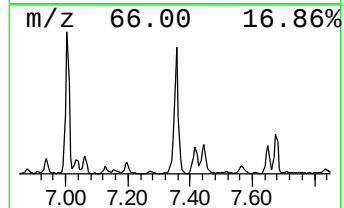
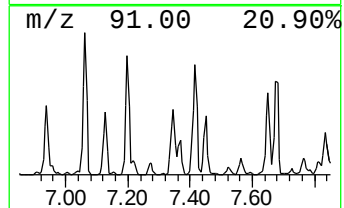
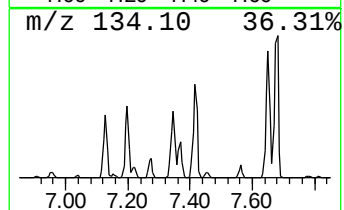
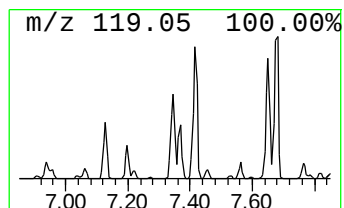
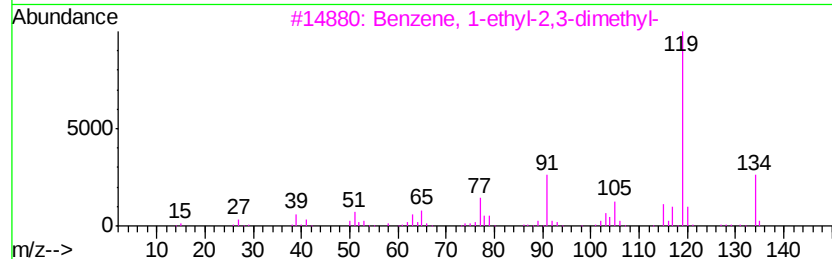
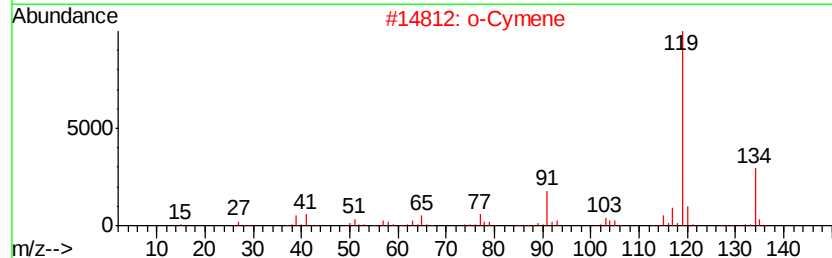
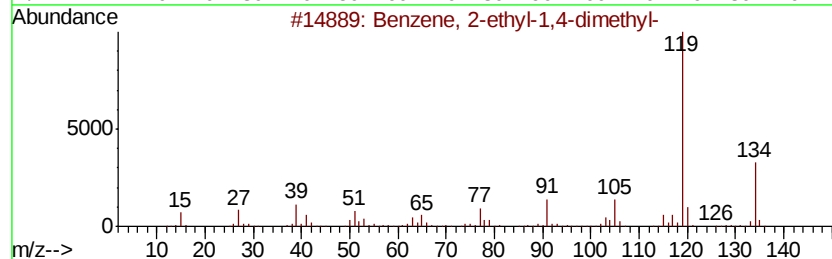
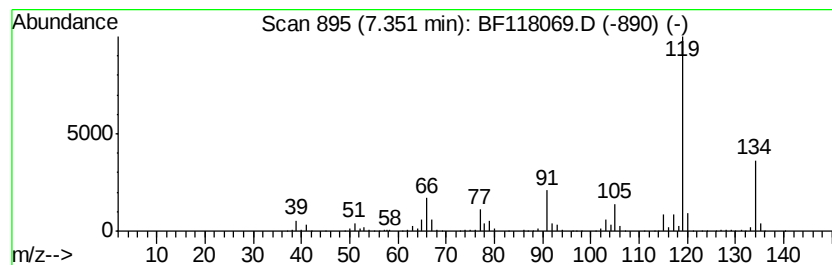
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	51.81 ng	1934150	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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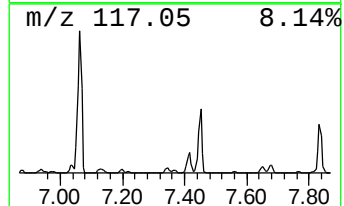
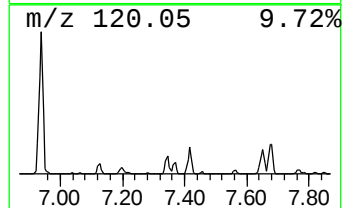
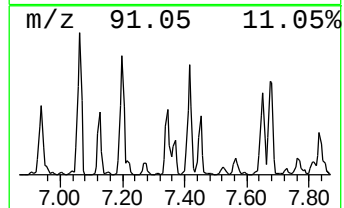
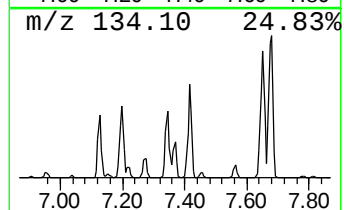
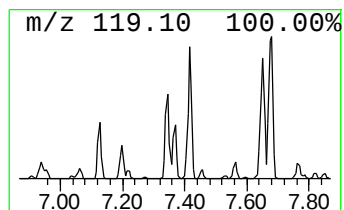
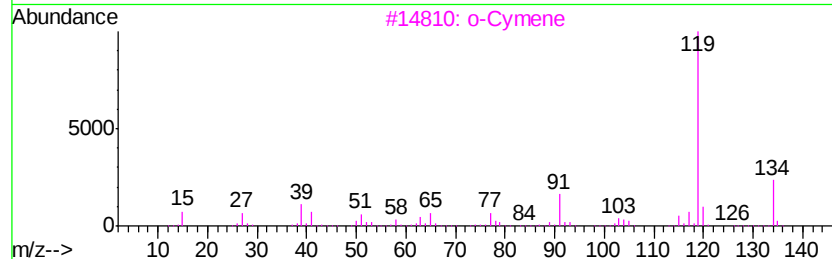
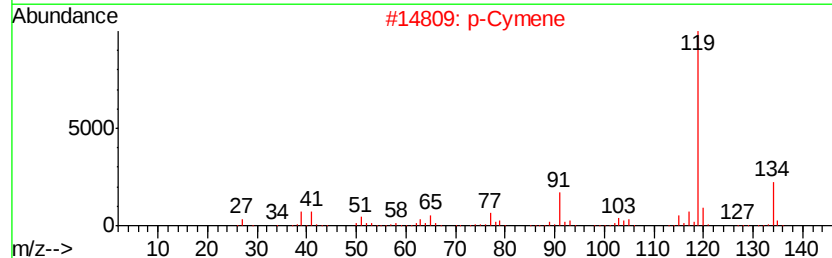
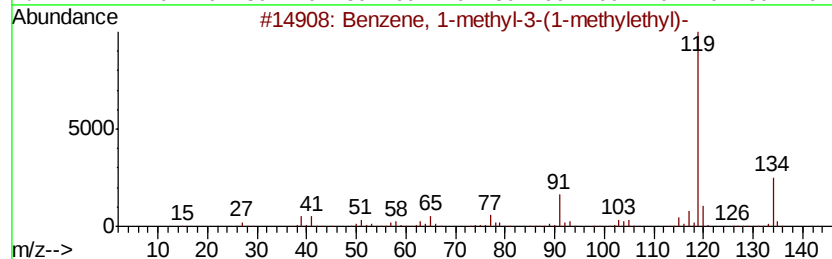
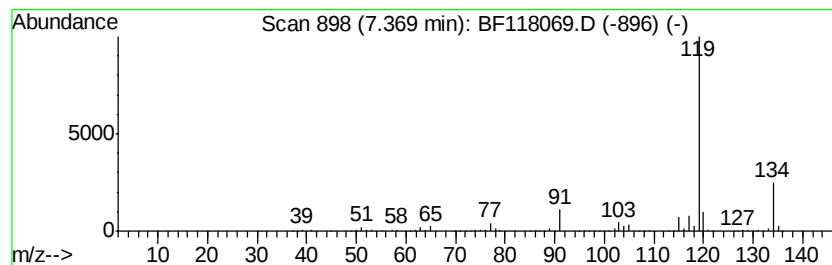
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	22.93 ng	855776	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		p-Cymene	134	C10H14	000099-87-6	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
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Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

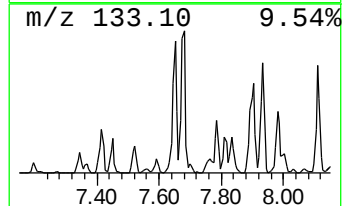
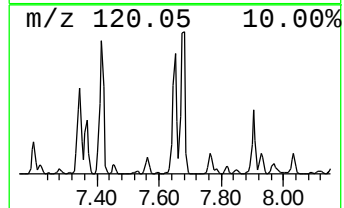
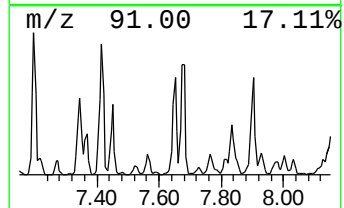
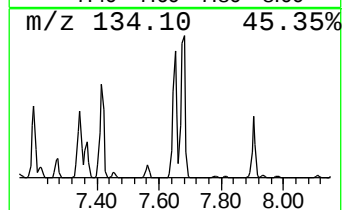
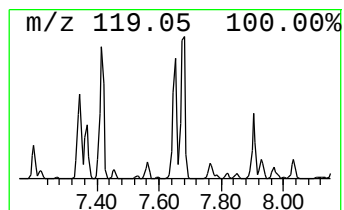
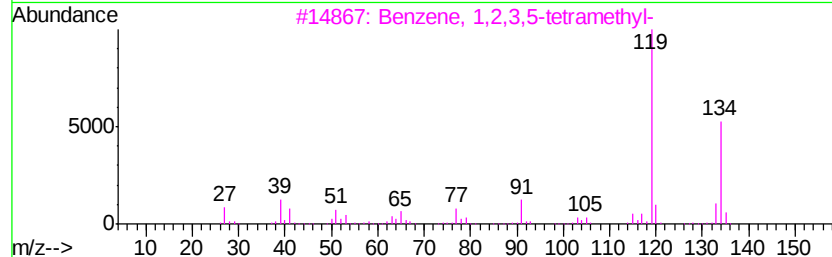
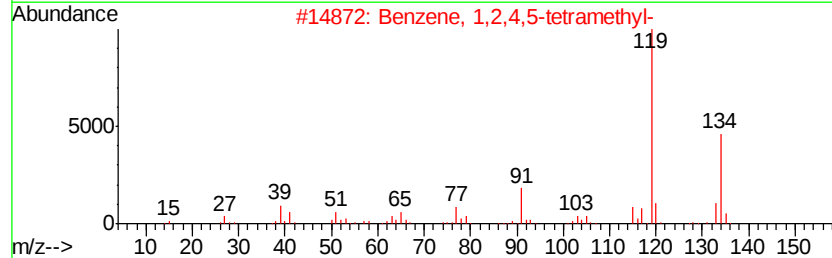
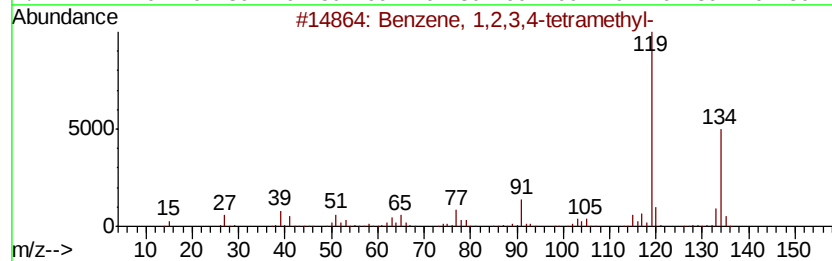
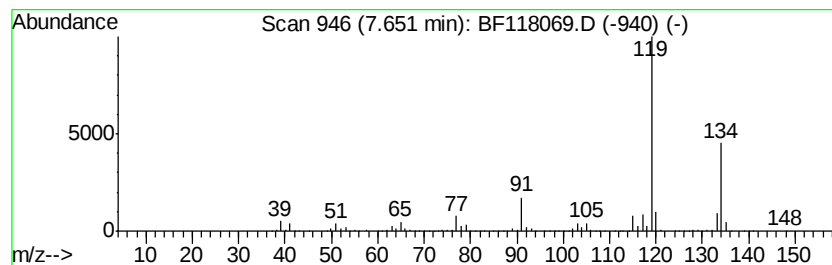
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	22.49 ng	2635440	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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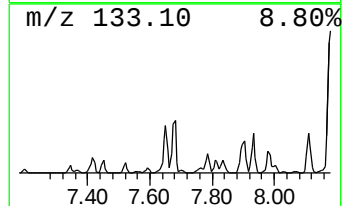
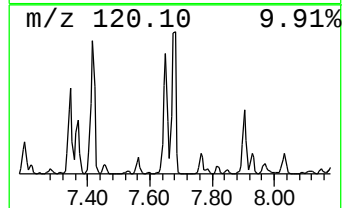
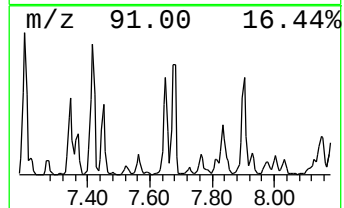
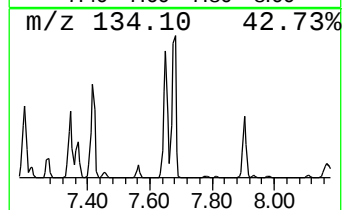
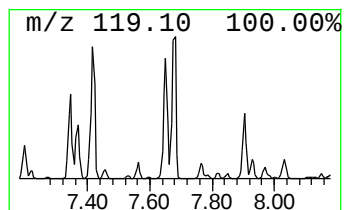
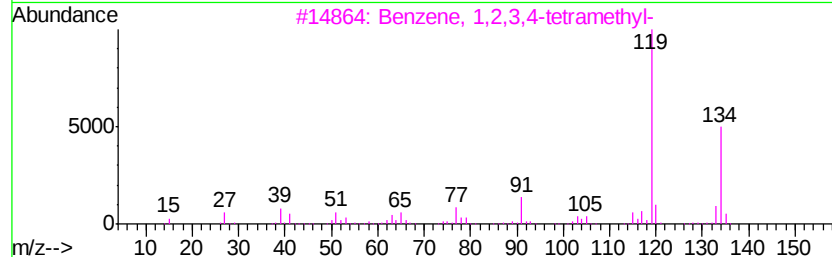
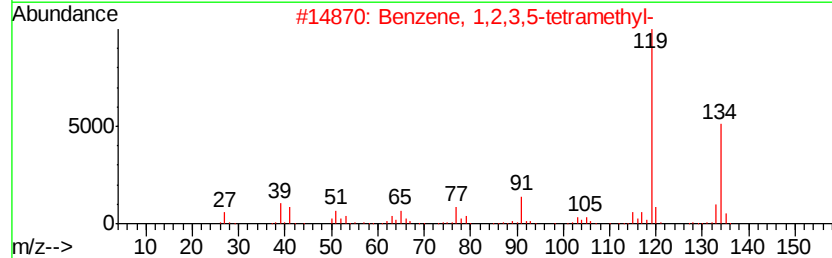
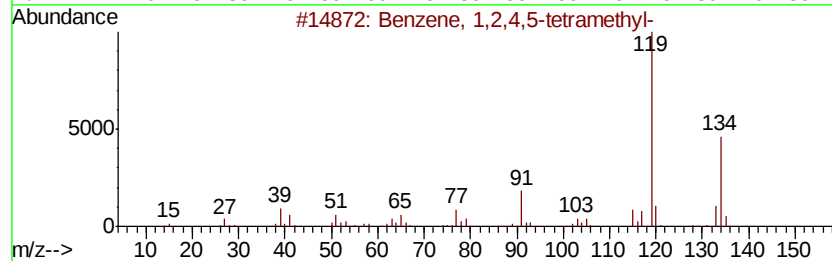
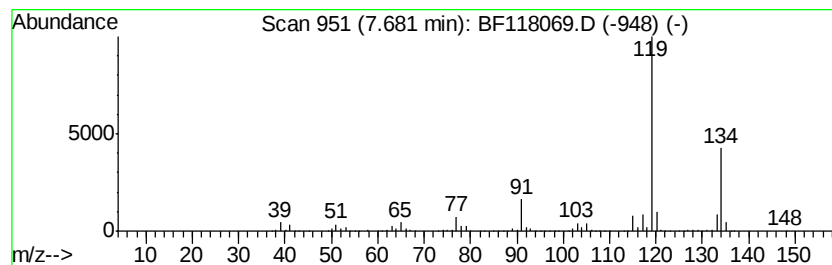
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	25.10 ng	2940860	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

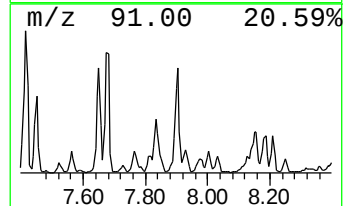
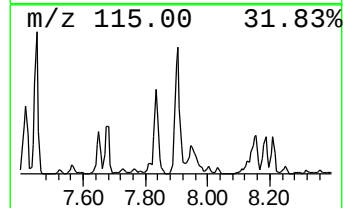
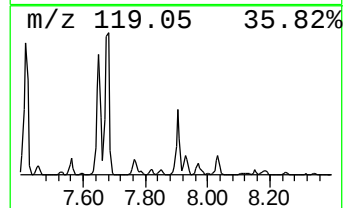
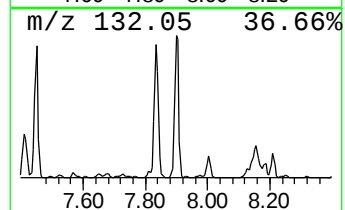
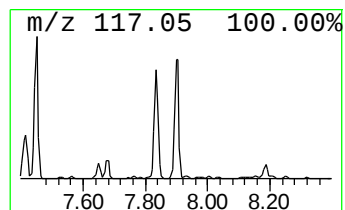
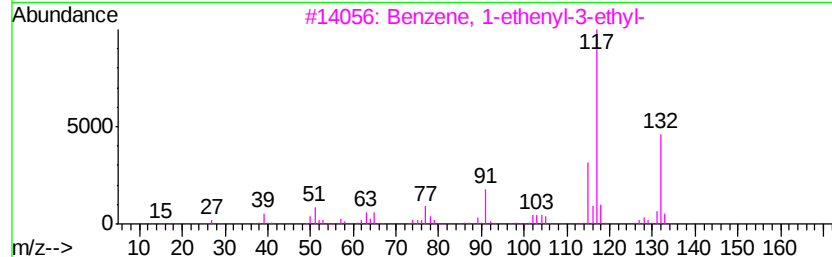
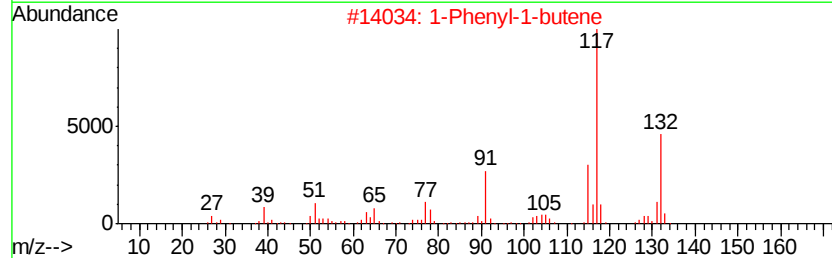
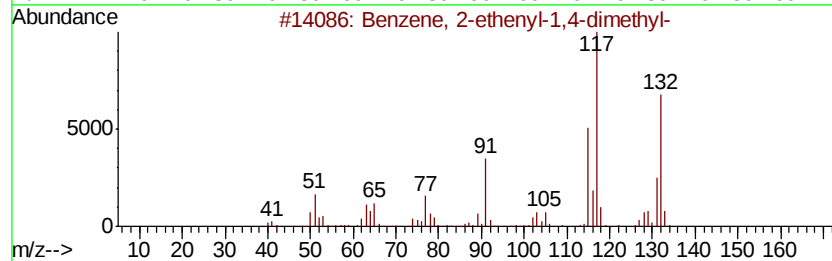
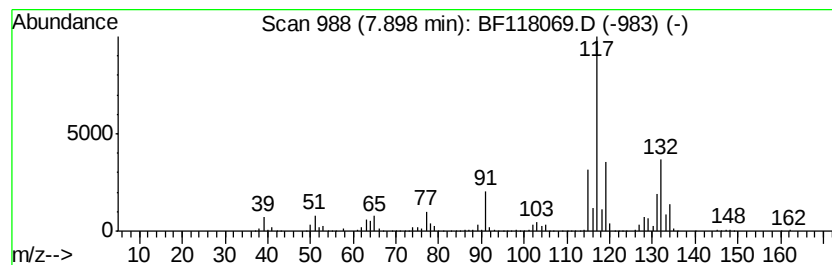
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	31.43 ng	3682810	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	53
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

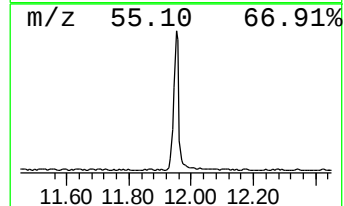
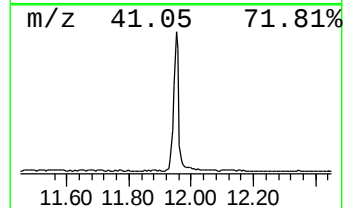
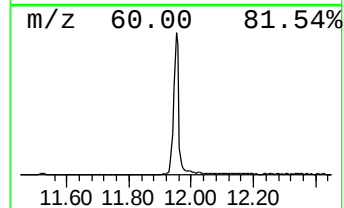
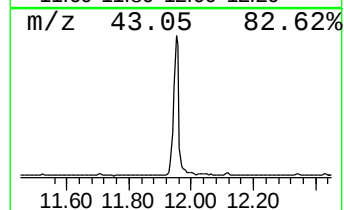
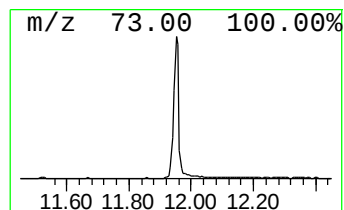
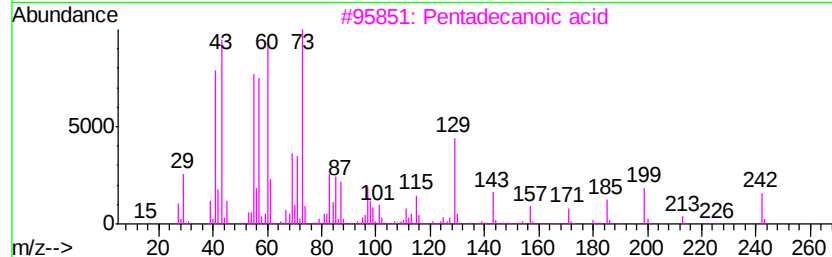
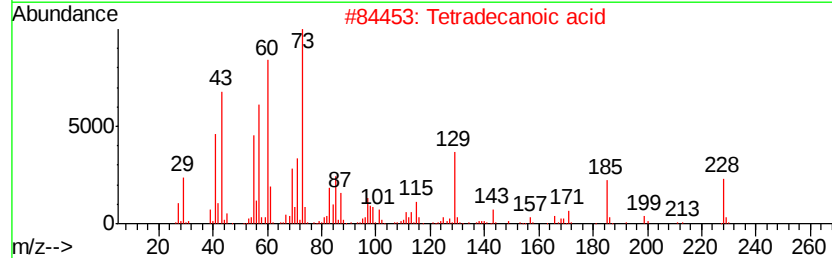
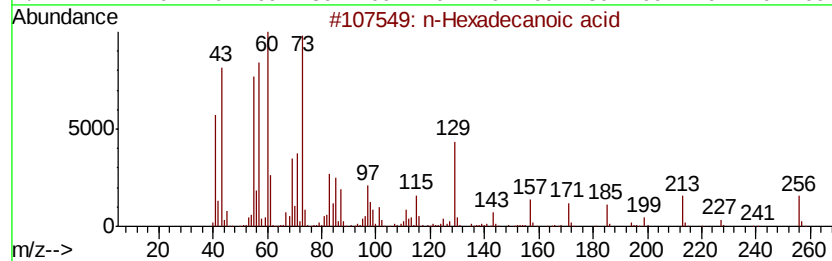
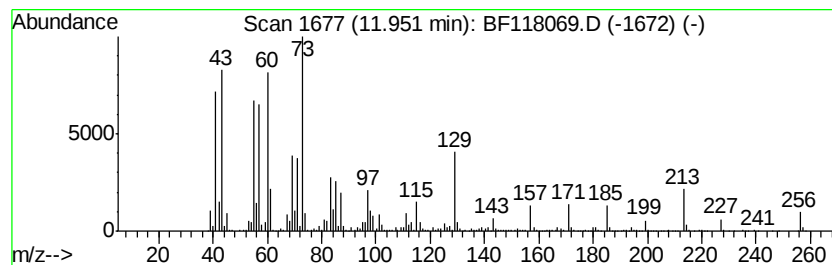
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	40.95 ng	2282650	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118069.D
Acq On : 3 Dec 2019 18:29
Operator : JU
Sample : K6027-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

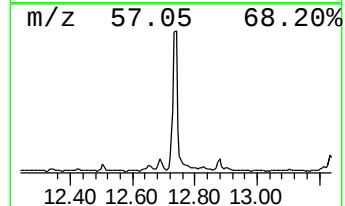
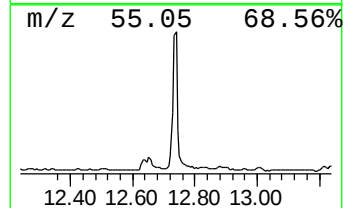
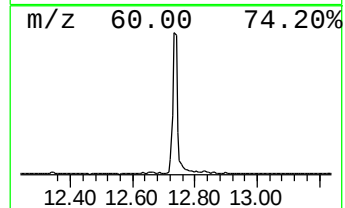
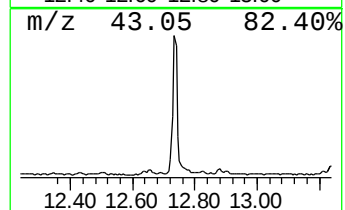
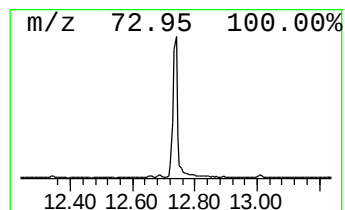
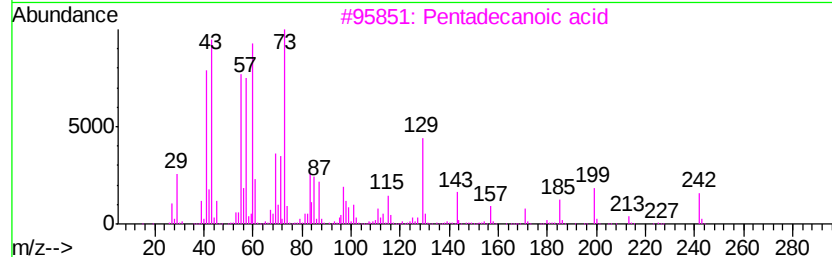
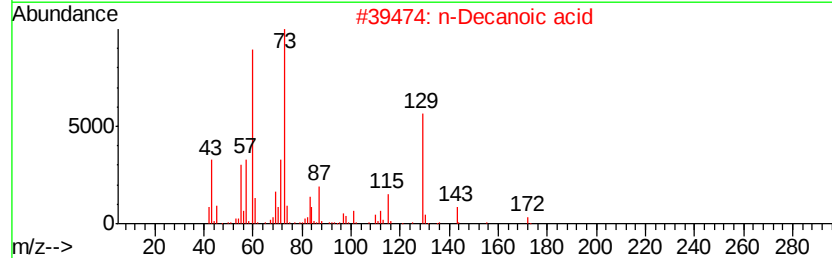
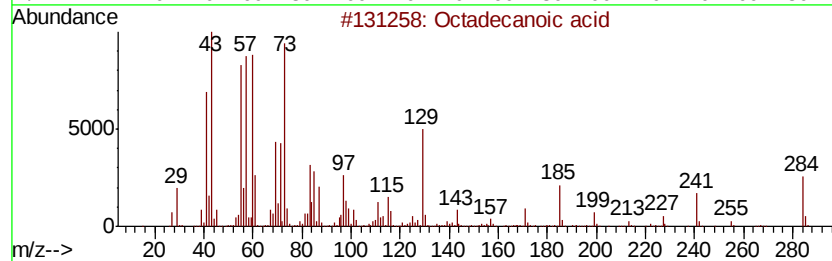
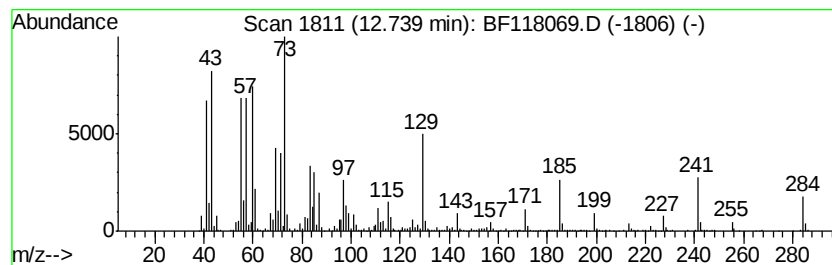
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	27.36 ng	1525030	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120319\
 Data File : BF118069.D
 Acq On : 3 Dec 2019 18:29
 Operator : JU
 Sample : K6027-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.15	110.7	ng	4132580	1	6.88	746584	20.0
1,3,5-Cycloheptat...	3.95	25.8	ng	962235	1	6.88	746584	20.0
Benzene, 1,3-dime...	5.37	211.1	ng	7878810	1	6.88	746584	20.0
Cyclopentene, 1-e...	5.73	48.4	ng	1807280	1	6.88	746584	20.0
Benzene, propyl-	6.34	40.1	ng	1498110	1	6.88	746584	20.0
Benzene, 1-ethyl-...	6.43	37.1	ng	1386360	1	6.88	746584	20.0
unknown6.65	6.65	86.3	ng	3220620	1	6.88	746584	20.0
Benzene, 1,2,3-tr...	6.72	273.8	ng	10220500	1	6.88	746584	20.0
Benzene, 1,2,4-tr...	6.94	85.6	ng	3196790	1	6.88	746584	20.0
Indane	7.06	121.1	ng	4520100	1	6.88	746584	20.0
Benzene, 1,2-diet...	7.13	71.2	ng	2659120	1	6.88	746584	20.0
3a,6-Methano-3aH-...	7.20	57.8	ng	2157320	1	6.88	746584	20.0
Benzene, 2-ethyl-...	7.35	51.8	ng	1934150	1	6.88	746584	20.0
Benzene, 1-methyl...	7.37	22.9	ng	855776	1	6.88	746584	20.0
Benzene, 1,2,3,4-...	7.65	22.5	ng	2635440	2	8.16	2343310	20.0
Benzene, 1,2,4,5-...	7.68	25.1	ng	2940860	2	8.16	2343310	20.0
Benzene, 2-etheny...	7.90	31.4	ng	3682810	2	8.16	2343310	20.0
n-Hexadecanoic acid	11.95	41.0	ng	2282650	4	11.42	1114950	20.0
Octadecanoic acid	12.74	27.4	ng	1525030	4	11.42	1114950	20.0