

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111362.D
 Acq On : 13 Dec 2018 11:17
 Operator : JU/SJ
 Sample : J6334-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-121018

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-BF121218.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	3.163	175	183	190	rBV	73576	141687	2.09%	0.221%
2	3.481	232	237	244	rVB2	47513	86220	1.27%	0.134%
3	3.687	266	272	283	rBV	215674	348592	5.13%	0.543%
4	4.234	357	365	370	rBV	109710	145574	2.14%	0.227%
5	4.981	488	492	494	rBV	102168	109376	1.61%	0.170%
6	5.004	494	496	499	rVB	109964	96539	1.42%	0.150%
7	5.051	499	504	510	rVB5	51637	101034	1.49%	0.157%
8	5.104	510	513	521	rVB	184410	199932	2.94%	0.311%
9	5.375	555	559	560	rBV	114281	99494	1.46%	0.155%
10	5.404	560	564	574	rVB	2653568	2578030	37.94%	4.012%
11	5.575	589	593	600	rBV	344134	386211	5.68%	0.601%
12	5.634	600	603	608	rBV2	111049	113935	1.68%	0.177%
13	5.828	630	636	644	rBV	148516	162419	2.39%	0.253%
14	6.116	680	685	694	rVB5	121879	206056	3.03%	0.321%
15	6.192	694	698	701	rBV	121804	149094	2.19%	0.232%
16	6.298	710	716	718	rBV3	88084	98226	1.45%	0.153%
17	6.334	718	722	729	rVB2	139759	206868	3.04%	0.322%
18	6.422	734	737	745	rVB	1964383	1771536	26.07%	2.757%
19	6.498	748	750	755	rVB2	77912	88455	1.30%	0.138%
20	6.563	755	761	764	rBV	5199789	4768149	70.17%	7.421%
21	6.622	768	771	777	rVB	178337	208862	3.07%	0.325%
22	6.792	796	800	803	rBV	1408282	1173398	17.27%	1.826%
23	6.822	803	805	807	rVV	184590	155354	2.29%	0.242%
24	6.851	807	810	812	rVB	147800	112972	1.66%	0.176%
25	6.951	822	827	830	rBV	5133894	4386522	64.56%	6.827%
26	6.975	830	831	837	rVB4	91107	115415	1.70%	0.180%
27	7.122	851	856	861	rBV4	163313	265027	3.90%	0.412%
28	7.192	865	868	872	rBV3	108087	185900	2.74%	0.289%
29	7.234	872	875	879	rVB	282199	324819	4.78%	0.506%
30	7.316	882	889	890	rBV2	138649	201749	2.97%	0.314%
31	7.351	890	895	898	rBV	3522005	3786890	55.73%	5.894%
32	7.445	906	911	914	rVB4	107571	152175	2.24%	0.237%
33	7.475	914	916	920	rBV3	86940	127628	1.88%	0.199%
34	7.522	920	924	925	rBV3	87576	96522	1.42%	0.150%

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35	7.539	925	927	928	rBV	129083	82708	1.22%	0.129%
36	7.592	934	936	937	rBV	139476	102555	1.51%	0.160%
37	7.622	937	941	944	rVB4	123042	181155	2.67%	0.282%
38	7.786	964	969	972	rBV5	166831	306679	4.51%	0.477%
39	7.816	972	974	978	rVB3	155935	163871	2.41%	0.255%
40	7.857	978	981	983	rBV2	111089	111640	1.64%	0.174%
41	7.881	983	985	987	rVB2	168103	121257	1.78%	0.189%
42	7.939	987	995	1001	rVB2	512375	1023050	15.06%	1.592%
43	8.016	1005	1008	1013	rBV6	161365	232875	3.43%	0.362%
44	8.075	1013	1018	1021	rBV	1937784	1753635	25.81%	2.729%
45	8.139	1026	1029	1031	rVV3	200127	190705	2.81%	0.297%
46	8.192	1035	1038	1042	rVB3	336507	314430	4.63%	0.489%
47	8.245	1042	1047	1051	rVB5	90822	140855	2.07%	0.219%
48	8.304	1055	1057	1060	rVB4	124687	123686	1.82%	0.192%
49	8.333	1060	1062	1069	rVB6	134520	183428	2.70%	0.285%
50	8.433	1070	1079	1082	rBV	765285	1094102	16.10%	1.703%
51	8.463	1082	1084	1089	rBV3	362129	508805	7.49%	0.792%
52	8.533	1094	1096	1101	rVV3	258537	400200	5.89%	0.623%
53	8.598	1103	1107	1110	rVB3	351732	389282	5.73%	0.606%
54	8.633	1110	1113	1116	rBV5	193914	223776	3.29%	0.348%
55	8.680	1119	1121	1123	rVB	139139	96977	1.43%	0.151%
56	8.786	1134	1139	1141	rBV4	206792	296435	4.36%	0.461%
57	8.810	1141	1143	1146	rVB2	161982	131210	1.93%	0.204%
58	8.839	1146	1148	1150	rBV2	162223	171250	2.52%	0.267%
59	8.869	1150	1153	1157	rVB5	224108	333040	4.90%	0.518%
60	8.916	1157	1161	1163	rBV2	207128	285916	4.21%	0.445%
61	8.951	1163	1167	1172	rVB3	215457	334113	4.92%	0.520%
62	8.986	1172	1173	1177	rVB4	165805	154634	2.28%	0.241%
63	9.022	1177	1179	1180	rBV	172657	143216	2.11%	0.223%
64	9.045	1180	1183	1186	rVB	422557	354719	5.22%	0.552%
65	9.092	1189	1191	1192	rBV	140203	85958	1.27%	0.134%
66	9.110	1192	1194	1196	rVB2	169037	109577	1.61%	0.171%
67	9.157	1196	1202	1205	rBV	6957309	6794723	100.00%	10.575%
68	9.263	1217	1220	1226	rVB6	221147	341878	5.03%	0.532%
69	9.339	1230	1233	1236	rVB5	137927	128551	1.89%	0.200%
70	9.375	1236	1239	1240	rBV3	115736	131029	1.93%	0.204%
71	9.398	1240	1243	1247	rVB2	211235	260356	3.83%	0.405%

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72	9.439	1247	1250	1253	rBV3	182826	231553	3.41%	0.360%
73	9.475	1253	1256	1260	rVB3	227543	293801	4.32%	0.457%
74	9.545	1266	1268	1271	rVV2	182185	179398	2.64%	0.279%
75	9.592	1274	1276	1279	rBV4	134712	142242	2.09%	0.221%
76	9.675	1287	1290	1292	rBV2	162240	132081	1.94%	0.206%
77	9.745	1300	1302	1309	rVB7	192350	305023	4.49%	0.475%
78	9.827	1313	1316	1319	rVV	2065765	1877736	27.64%	2.922%
79	9.851	1319	1320	1324	rVB2	283229	223213	3.29%	0.347%
80	9.898	1324	1328	1330	rBV	605935	640701	9.43%	0.997%
81	9.922	1330	1332	1335	rVV2	205527	175623	2.58%	0.273%
82	9.951	1335	1337	1339	rVV	217002	193972	2.85%	0.302%
83	9.992	1342	1344	1352	rVB6	266439	428848	6.31%	0.667%
84	10.063	1354	1356	1358	rBV3	145118	105046	1.55%	0.163%
85	10.169	1372	1374	1376	rBV	149672	124657	1.83%	0.194%
86	10.239	1384	1386	1388	rBV2	179652	172176	2.53%	0.268%
87	10.263	1388	1390	1395	rVV4	306256	335880	4.94%	0.523%
88	10.316	1395	1399	1402	rVV4	294608	434647	6.40%	0.676%
89	10.351	1402	1405	1407	rVV	368562	344890	5.08%	0.537%
90	10.398	1411	1413	1416	rVB2	357592	315631	4.65%	0.491%
91	10.516	1431	1433	1436	rBV2	147292	112720	1.66%	0.175%
92	10.622	1446	1451	1454	rBV	4131770	3796423	55.87%	5.908%
93	10.657	1454	1457	1460	rBV	261260	263813	3.88%	0.411%
94	10.739	1469	1471	1475	rBV3	219045	243172	3.58%	0.378%
95	11.316	1565	1569	1572	rBV	2067528	1738688	25.59%	2.706%
96	11.863	1659	1662	1669	rVB	1478716	1355027	19.94%	2.109%
97	12.645	1792	1795	1801	rVB	1405580	1316254	19.37%	2.048%
98	12.904	1835	1839	1843	rBV	5340696	5594822	82.34%	8.707%
99	13.957	2015	2018	2024	rBV	1184476	1369793	20.16%	2.132%
100	15.398	2260	2263	2267	rVB	732429	854319	12.57%	1.330%

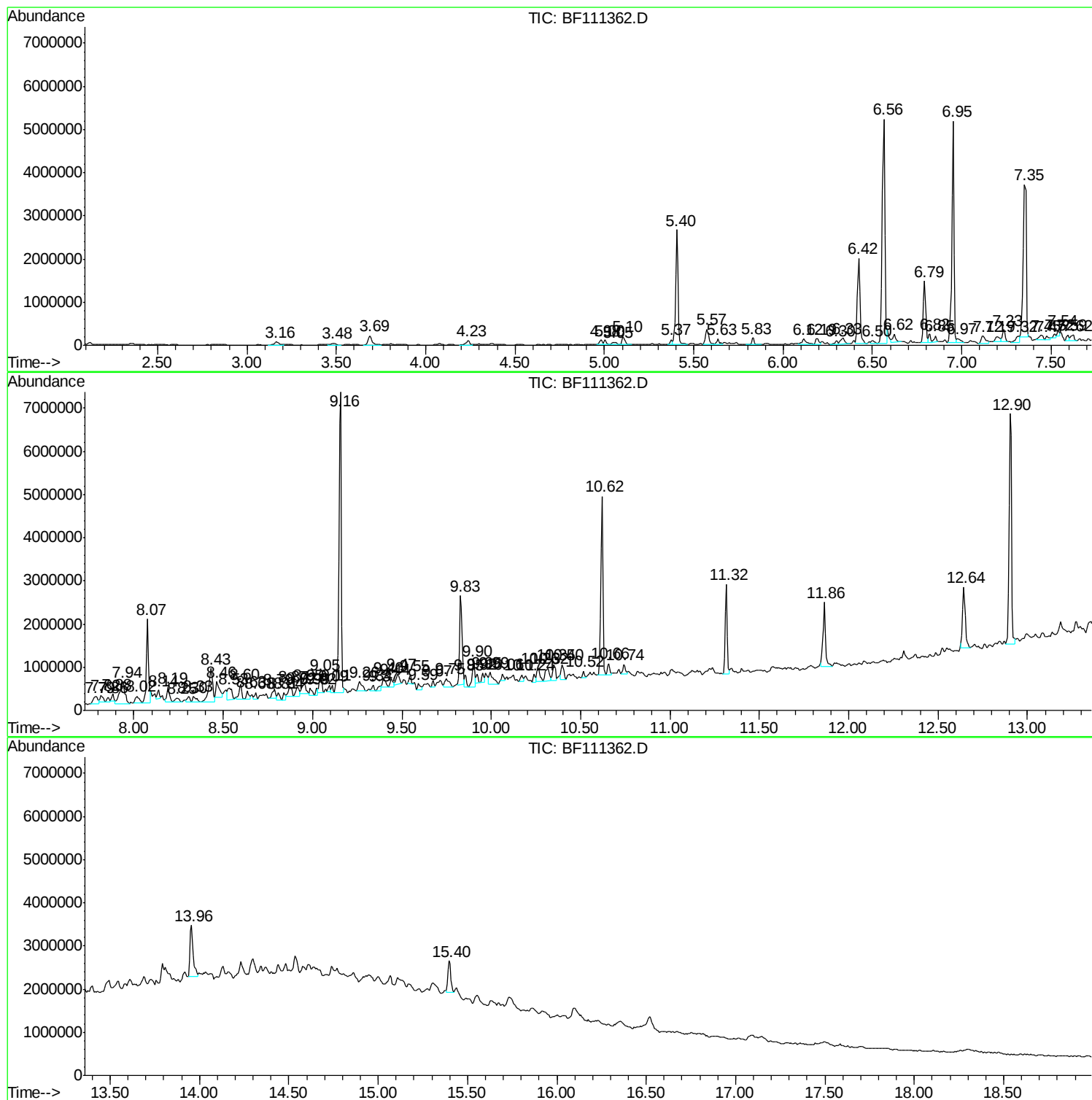
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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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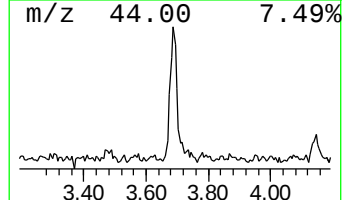
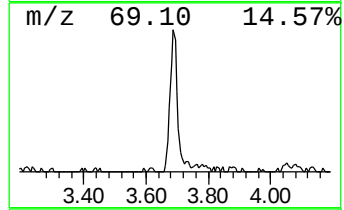
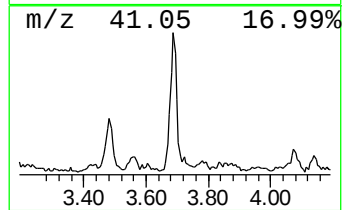
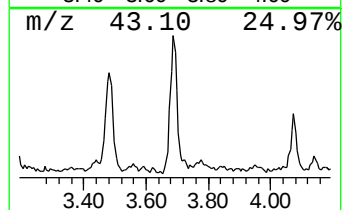
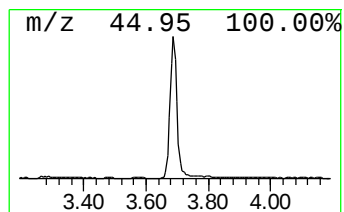
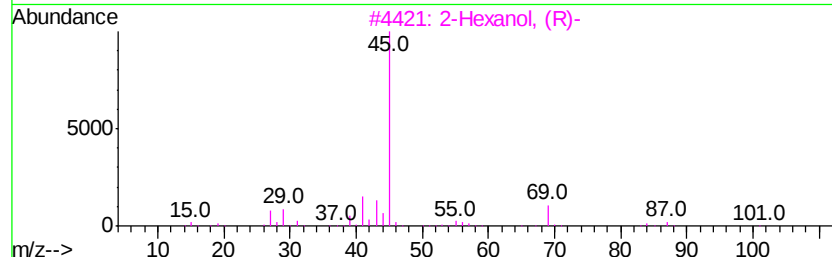
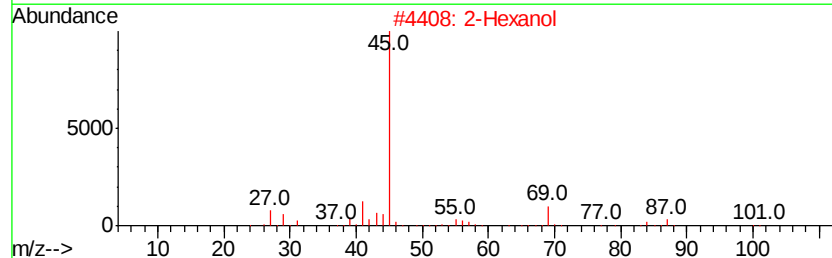
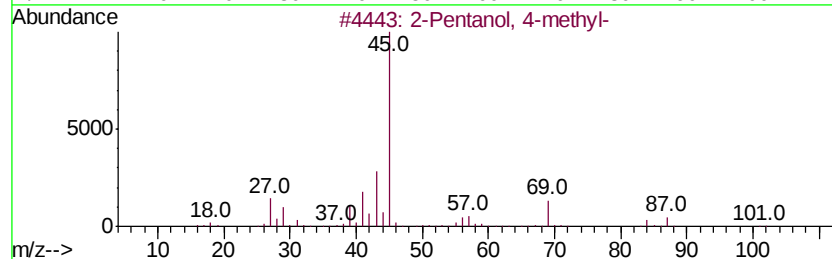
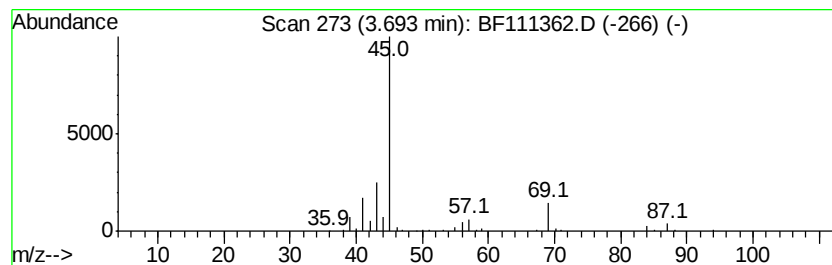
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	5.94 ng	348592	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2			2-Hexanol	102	C6H14O	000626-93-7	78
3			2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4			2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
5			2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40



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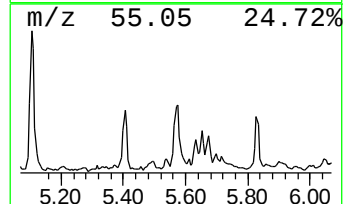
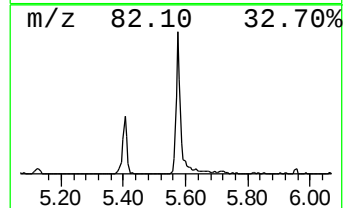
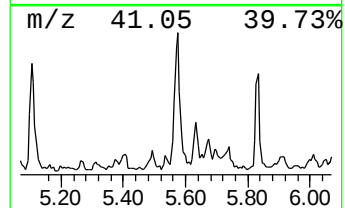
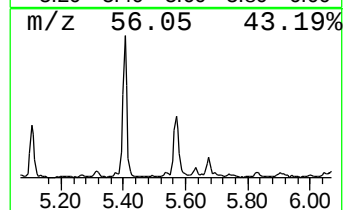
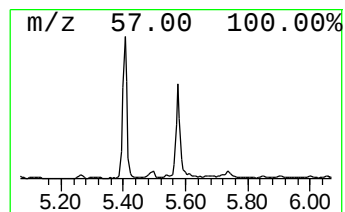
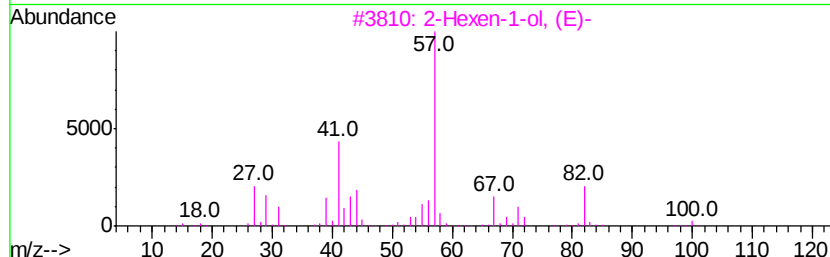
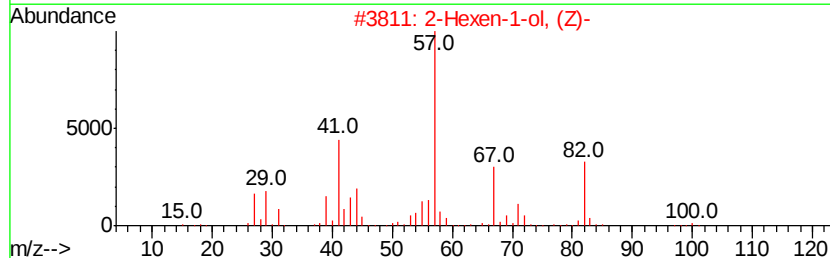
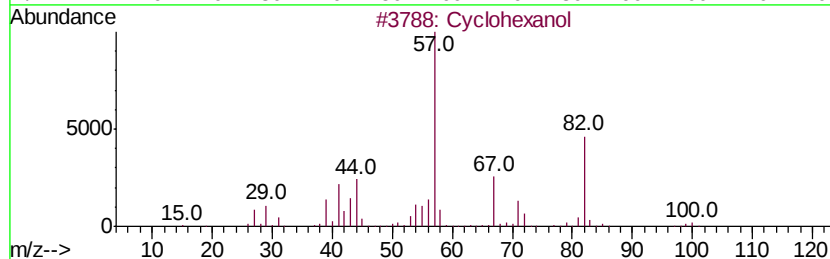
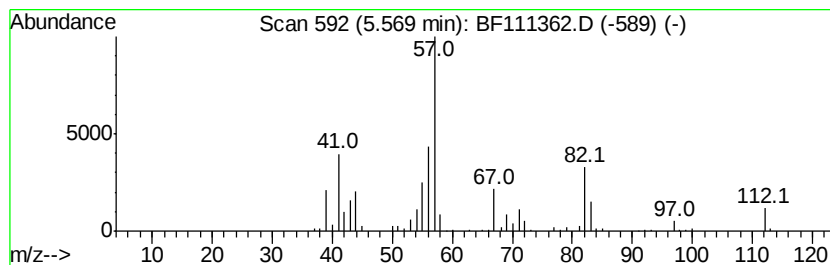
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	6.58 ng	386211	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol	100	C6H12O	000108-93-0	90
2		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	87
3		2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	83
4		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	47
5		Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	38



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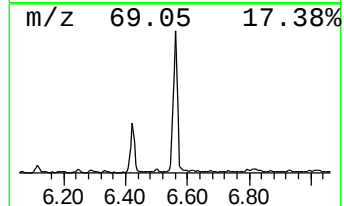
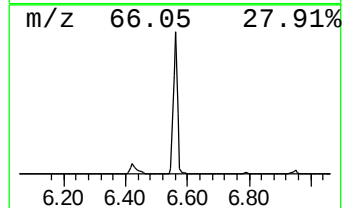
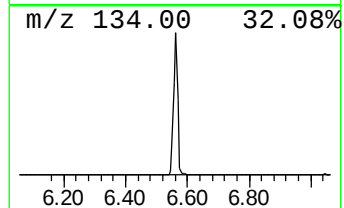
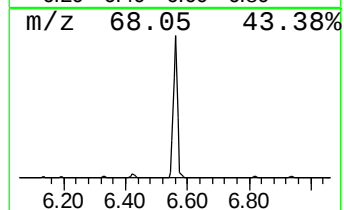
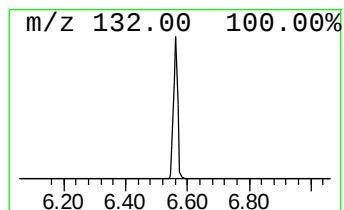
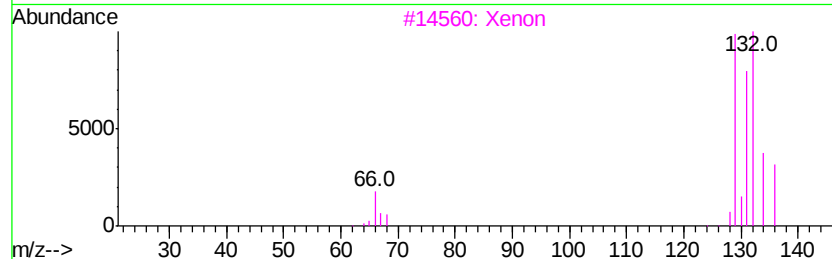
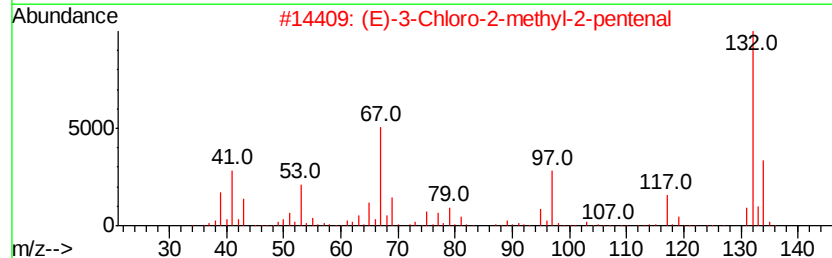
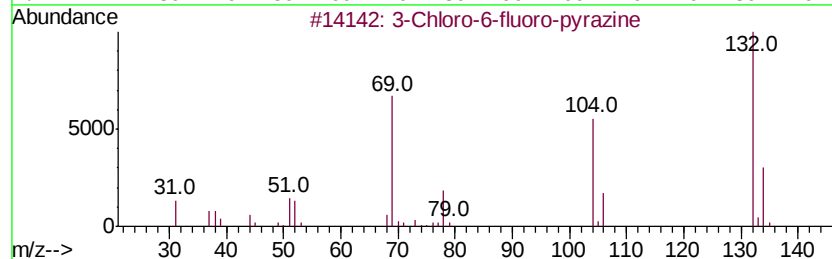
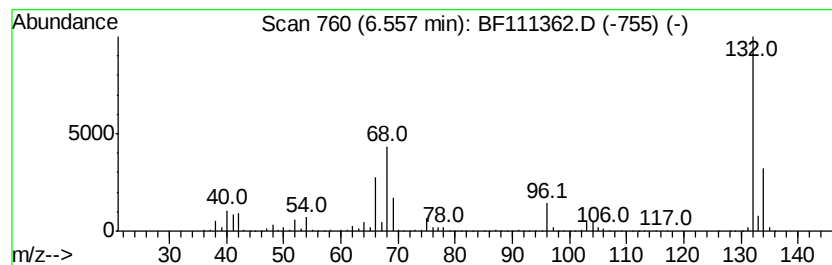
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	81.27 ng	4768150	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Xenon	132	Xe	007440-63-3	9
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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Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
Operator : JU/SJ
Sample : J6334-01
Misc :
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Instrument :
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ClientSampleId :
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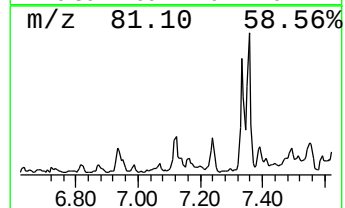
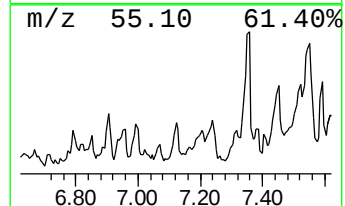
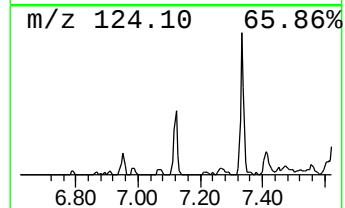
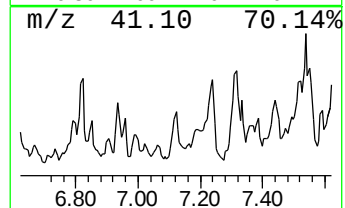
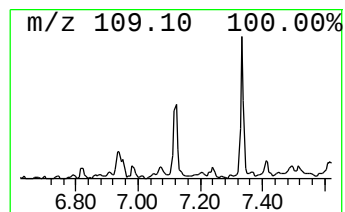
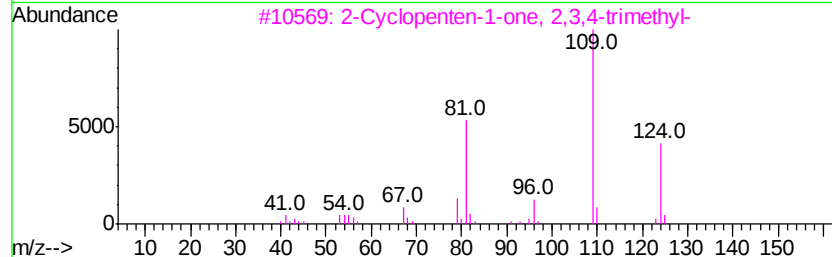
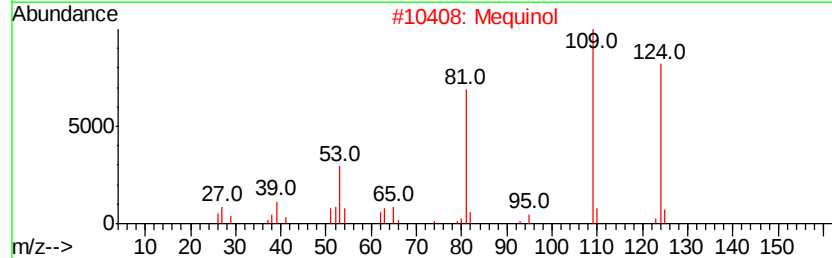
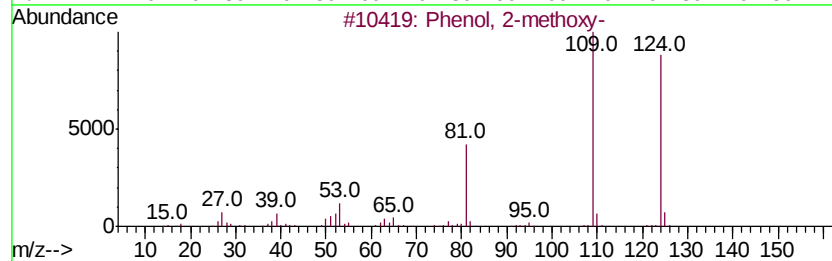
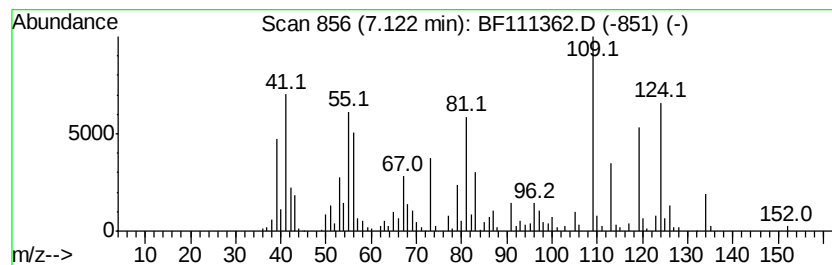
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	4.52 ng	265027	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	42
2		Mequinol	124	C7H8O2	000150-76-5	42
3		2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	42
4		2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	38
5		Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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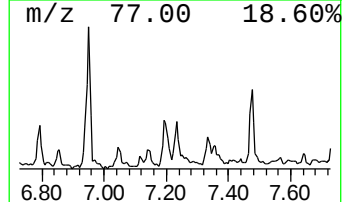
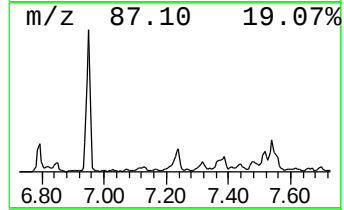
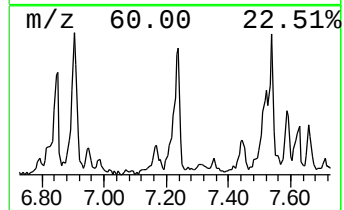
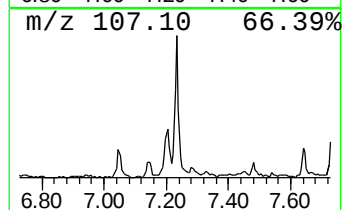
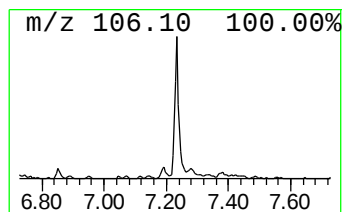
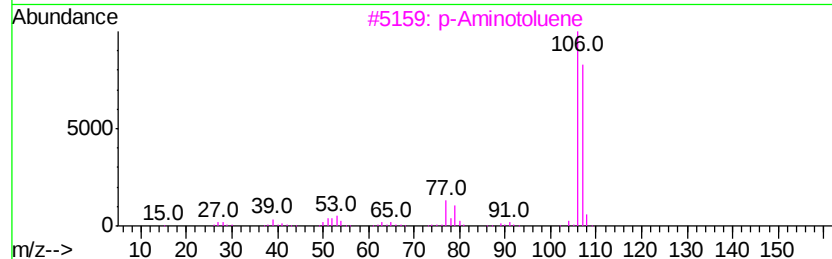
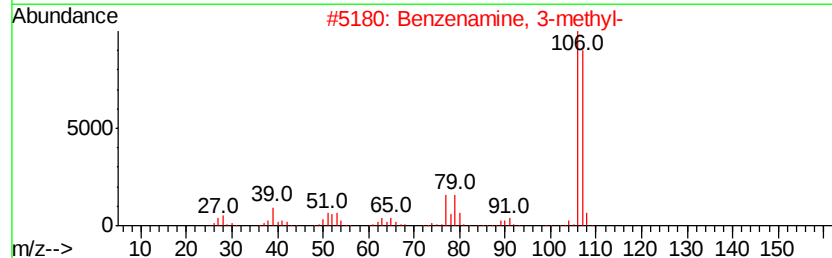
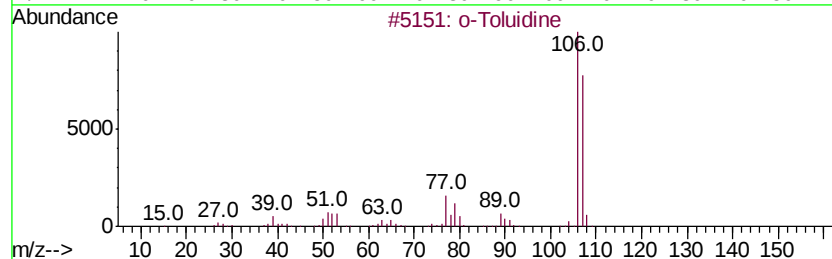
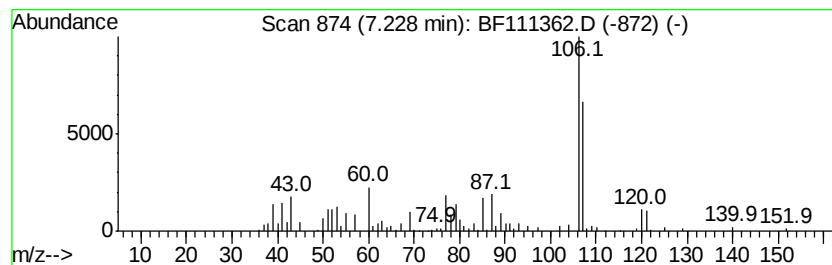
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 o-Toluidine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	5.54 ng	324819	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Toluidine	107	C7H9N	000095-53-4	64
2		Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	64
3		p-Aminotoluene	107	C7H9N	000106-49-0	60
4		Aniline, N-methyl-	107	C7H9N	000100-61-8	53
5		Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
Operator : JU/SJ
Sample : J6334-01
Misc :
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ClientSampleId :
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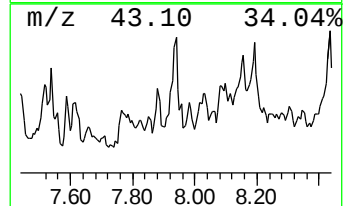
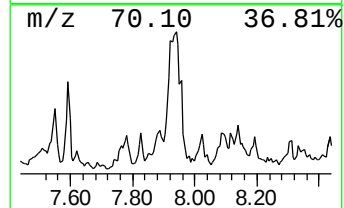
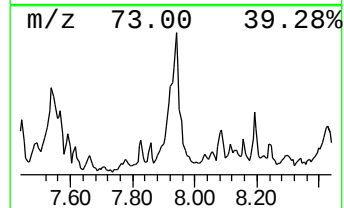
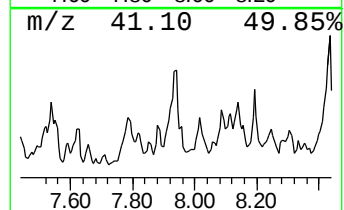
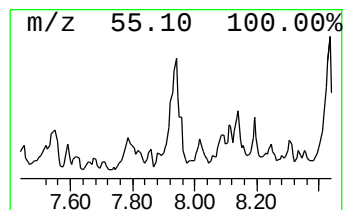
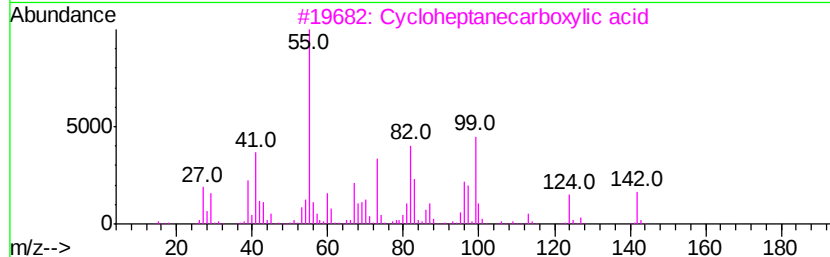
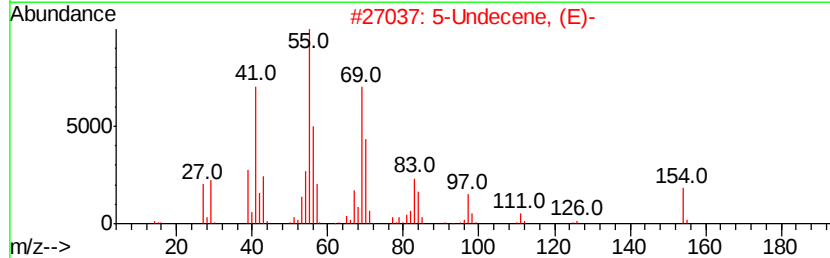
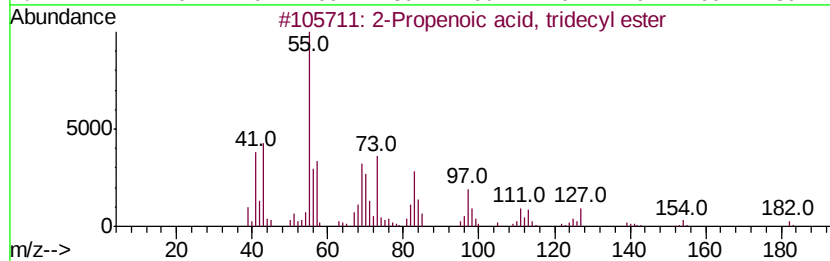
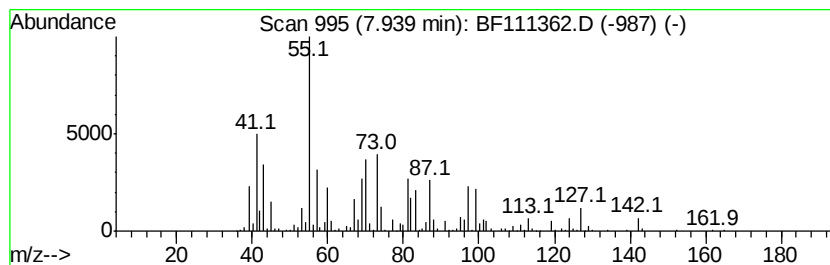
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	11.67 ng	1023050	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, tridecyl ester	254	C16H30O2	003076-04-8	37
2		5-Undecene, (E)-	154	C11H22	000764-97-6	16
3		Cycloheptanecarboxylic acid	142	C8H14O2	001460-16-8	16
4		2-Pentene, (E)-	70	C5H10	000646-04-8	11
5		Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
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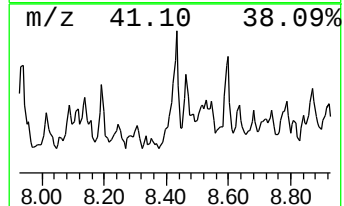
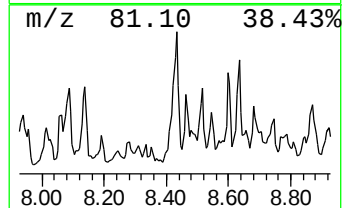
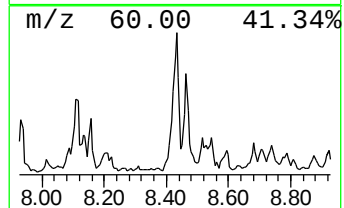
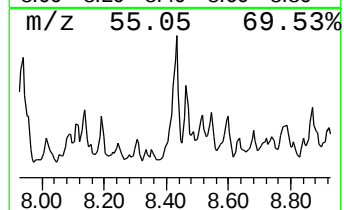
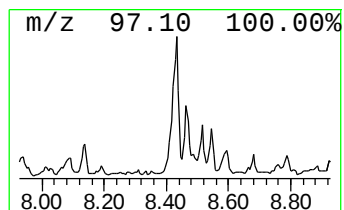
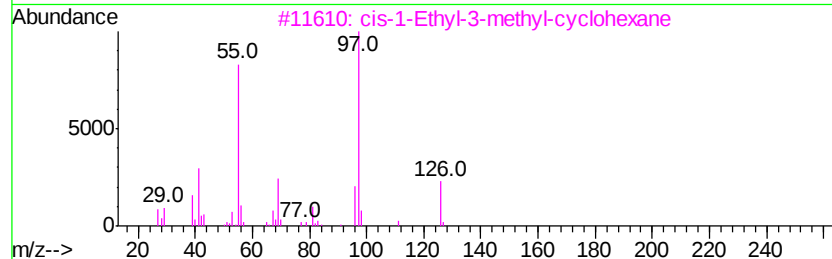
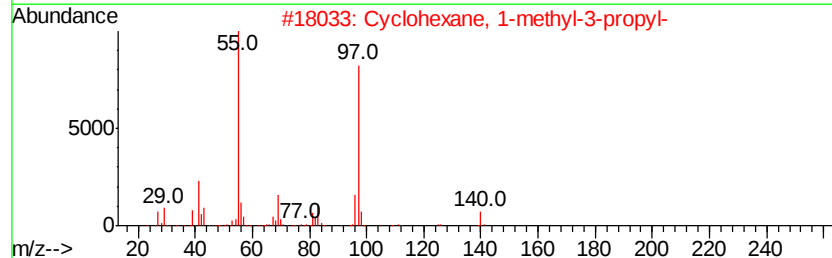
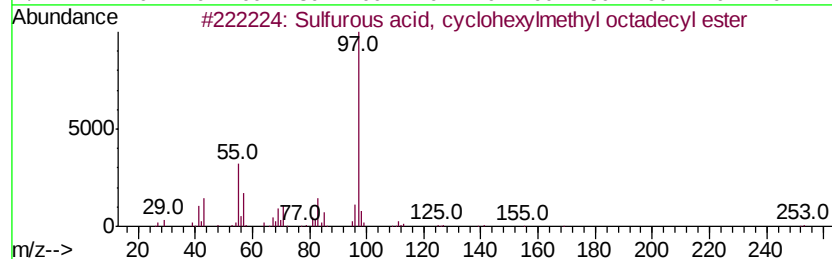
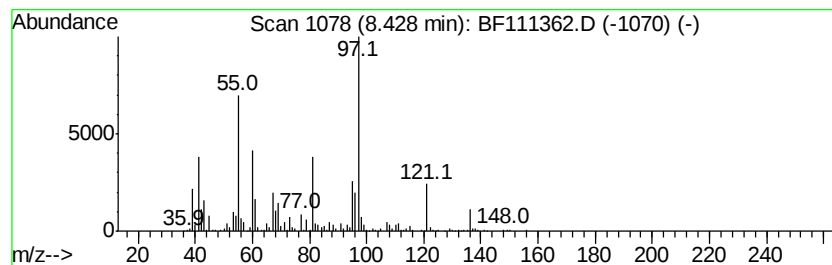
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	12.48 ng	1094100	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexvlmethvl...	430	C25H50O3S	1000309-22-6	35
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	27
3		cis-1-Ethyl-3-methyl-cvclohexane	126	C9H18	019489-10-2	27
4		1-Ethyl-3-methylcvclohexane (c,t)	126	C9H18	003728-55-0	27
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
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Misc :
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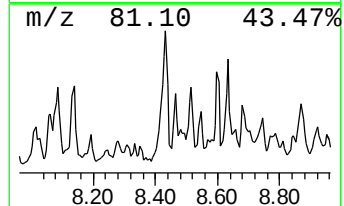
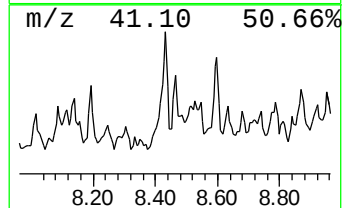
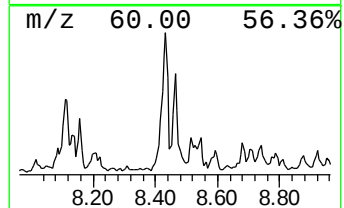
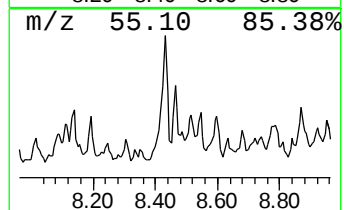
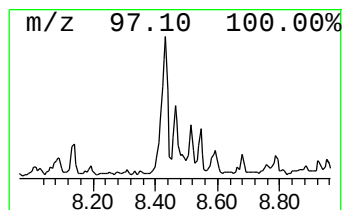
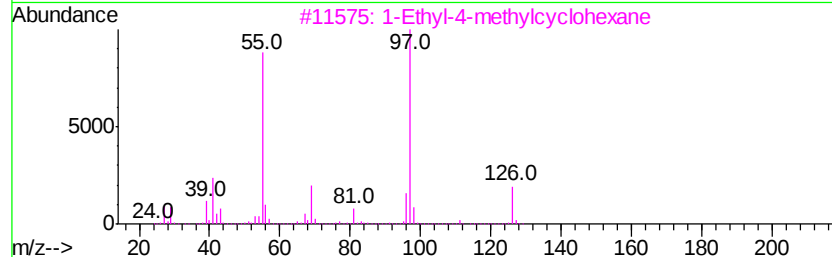
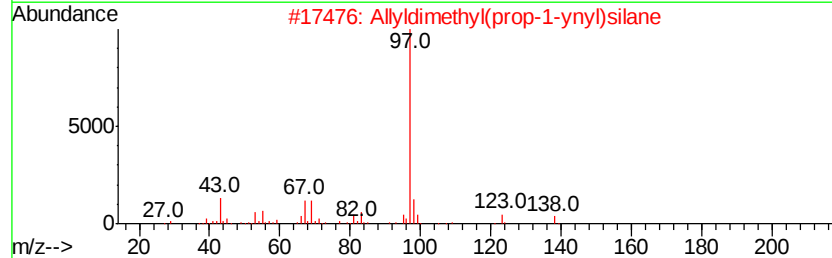
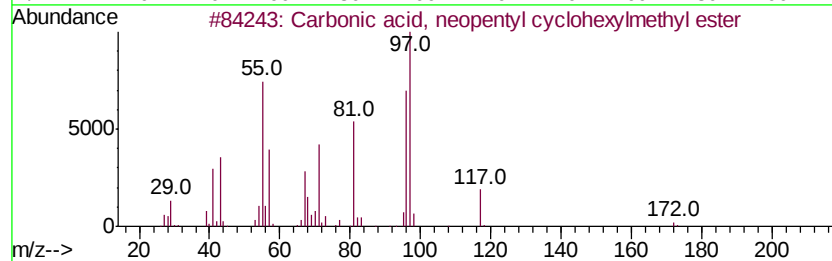
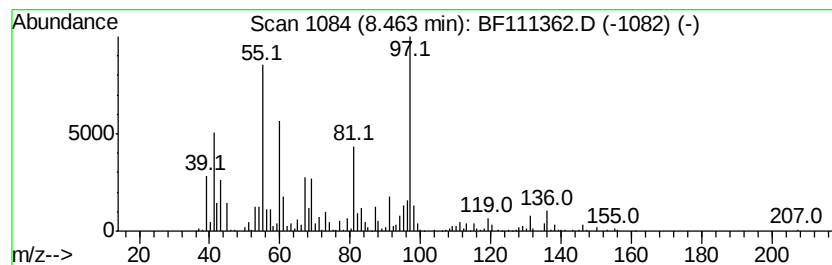
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	5.80 ng	508805	Naphthalene-d8	8.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, neopentyl cyclohe...	228	C13H24O3	1000357-85-8	43
2		Allyldimethyl(prop-1-ynyl)silane	138	C8H14Si	1000281-75-1	38
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
4		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	38
5		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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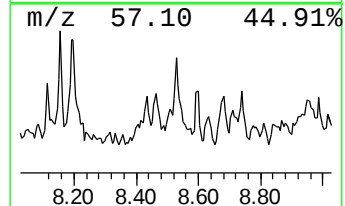
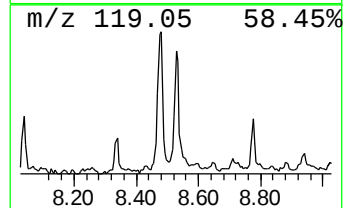
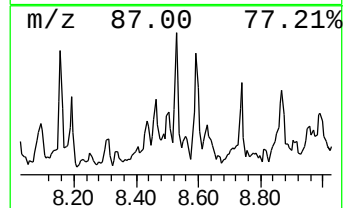
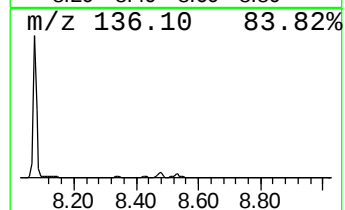
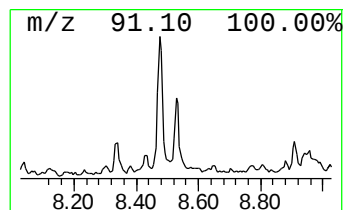
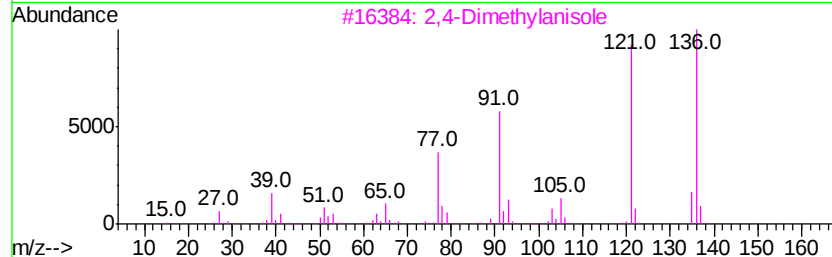
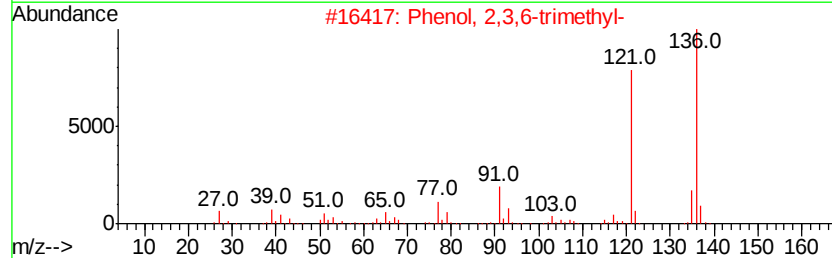
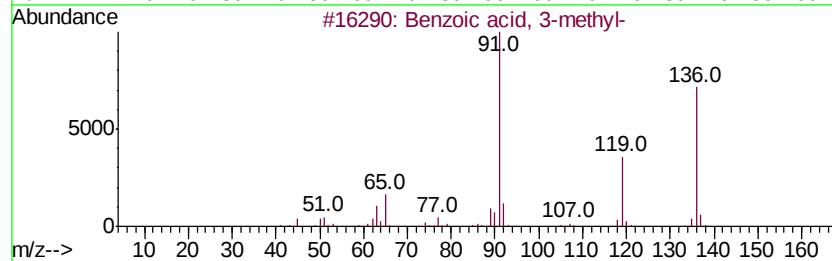
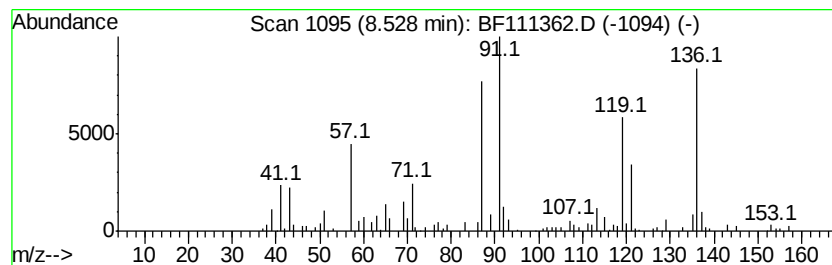
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzoic acid, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.56 ng	400200	Napthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzoic acid, 3-methyl-	136 C8H8O2	000099-04-7 58
2		Phenol, 2,3,6-trimethyl-	136 C9H12O	002416-94-6 55
3		2,4-Dimethylanisole	136 C9H12O	006738-23-4 43
4		1,3-Cyclopentadiene, 1,2,3,4,5-p...	136 C10H16	004045-44-7 43
5		Phenol, 2,3,5-trimethyl-	136 C9H12O	000697-82-5 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
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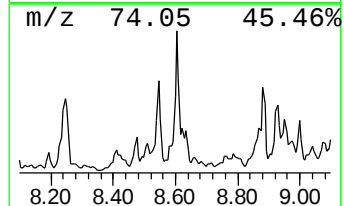
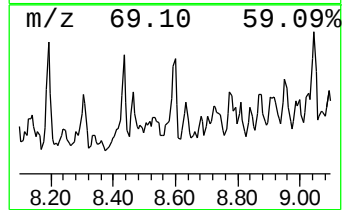
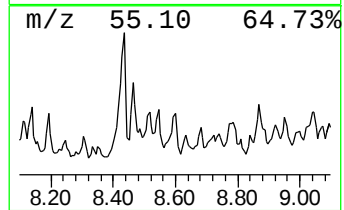
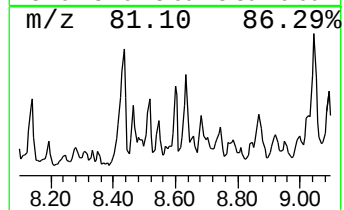
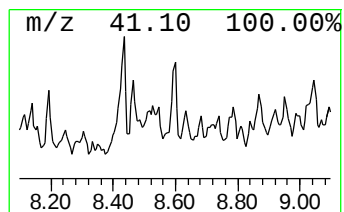
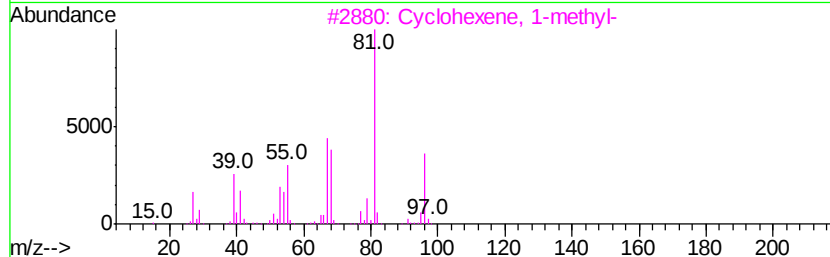
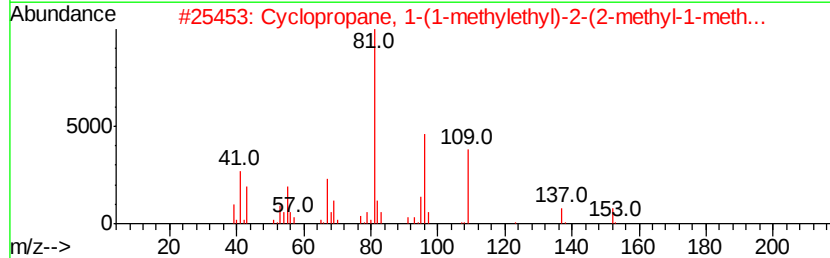
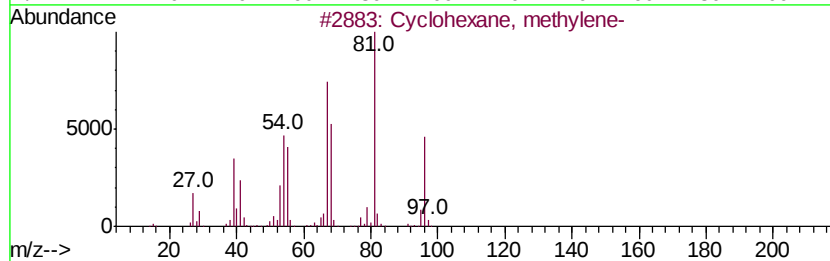
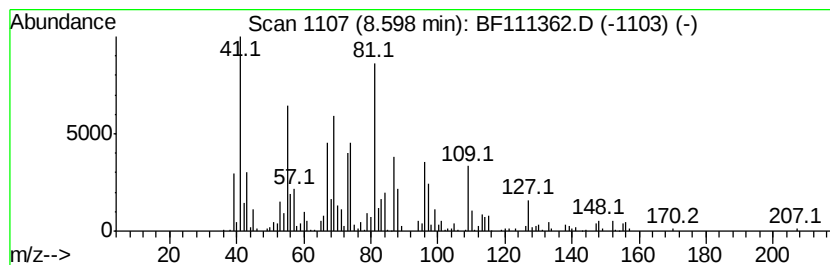
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.44 ng	389282	Naphthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methylene-	96	C7H12	001192-37-6	38
2			Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	35
3			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	35
4			4-Hepten-1-ol	114	C7H14O	020851-55-2	30
5			3-Hepten-1-ol	114	C7H14O	010606-47-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
Operator : JU/SJ
Sample : J6334-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-121018

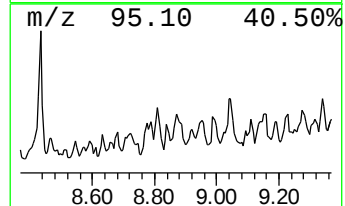
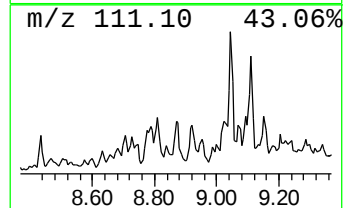
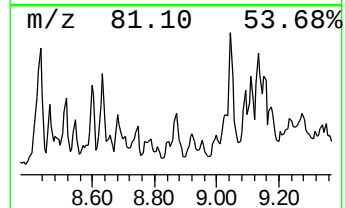
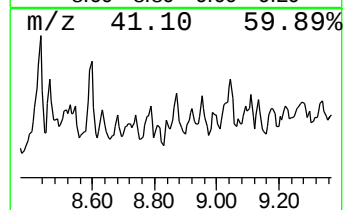
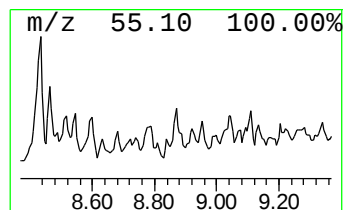
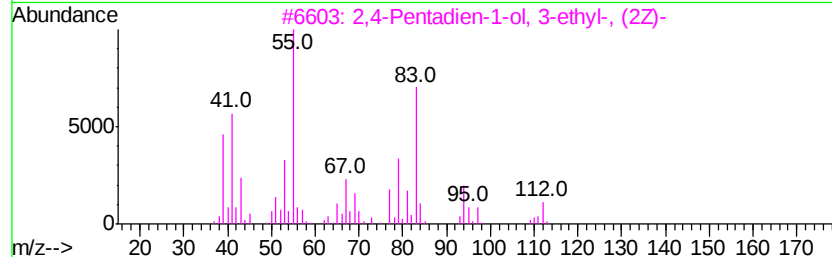
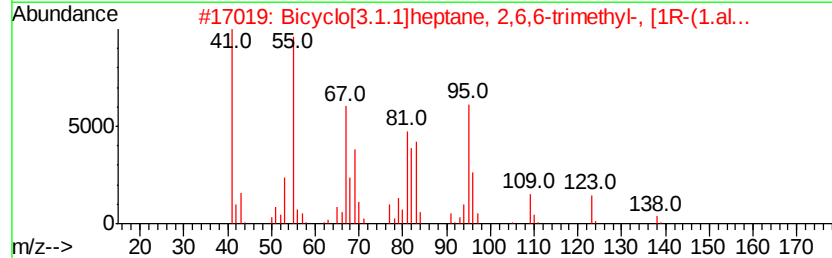
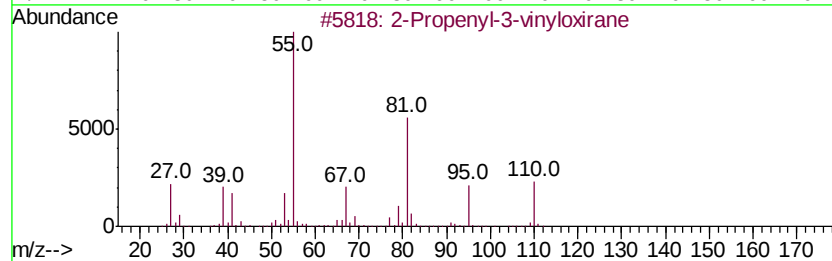
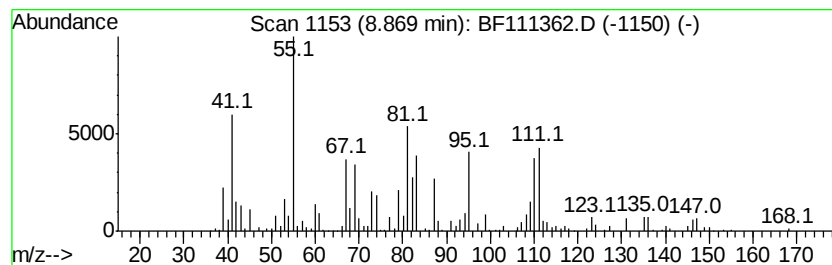
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	3.80 ng	333040	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenyl-3-vinloxirane	110	C7H10O	070597-49-8	27
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	27
3		2,4-Pentadien-1-ol, 3-ethyl-, (2Z)-	112	C7H12O	1000142-17-6	18
4		Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	16
5		2,6-Pyrazinediamine	110	C4H6N4	041536-80-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
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ClientSampleId :
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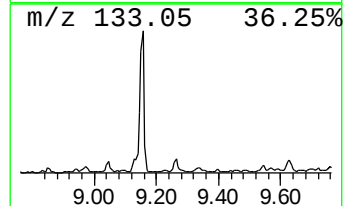
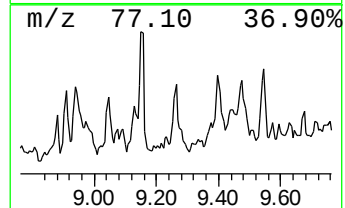
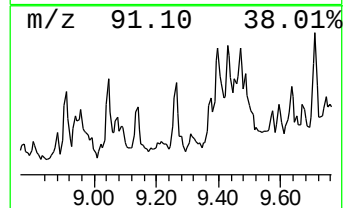
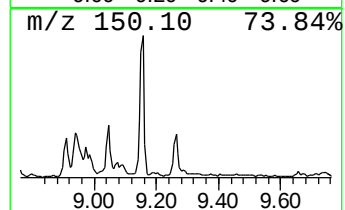
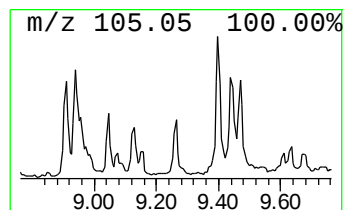
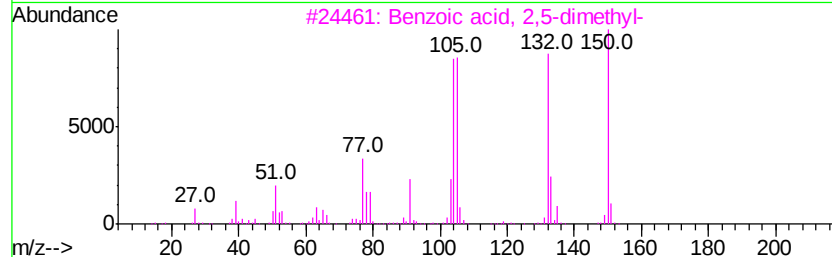
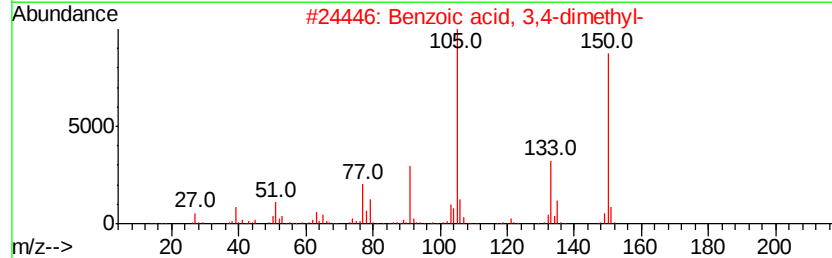
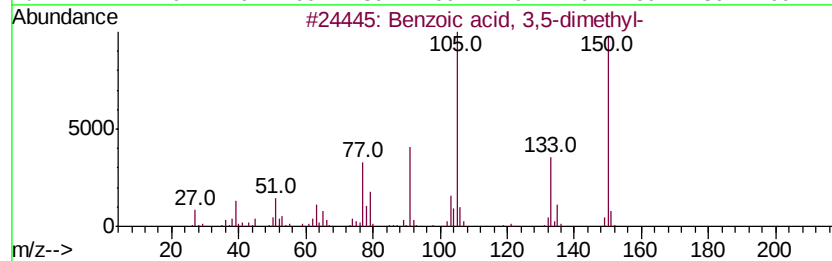
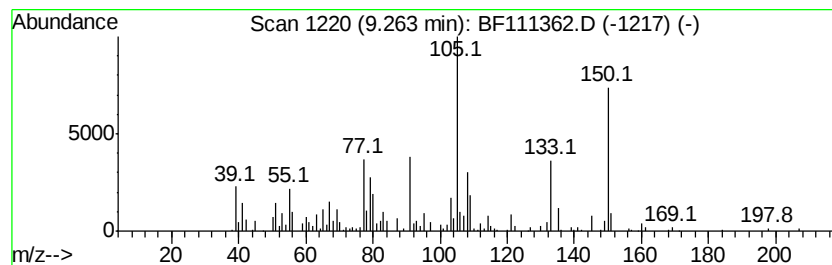
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.64 ng	341878	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	95
2		Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	92
3		Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	60
4		Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	52
5		Benzamide, 2-(methylamino)-	150	C8H10N2O	007505-81-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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Sample : J6334-01
Misc :
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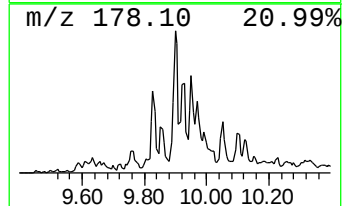
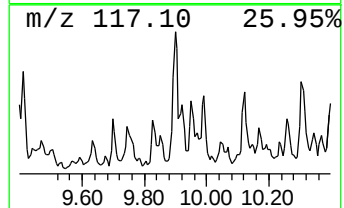
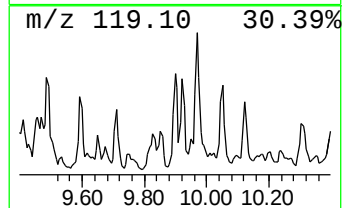
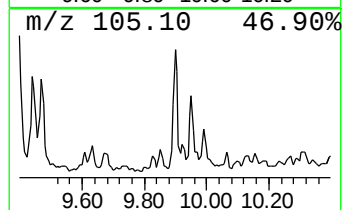
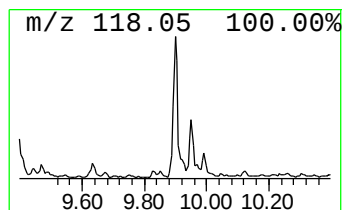
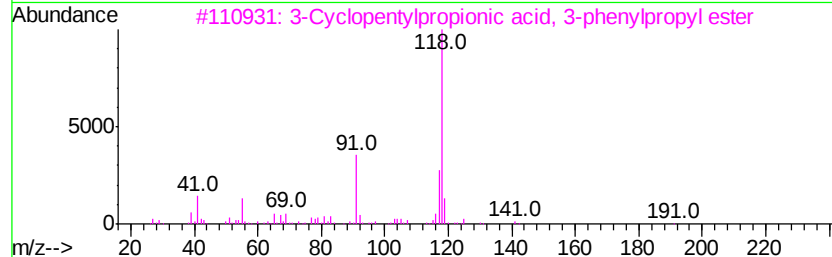
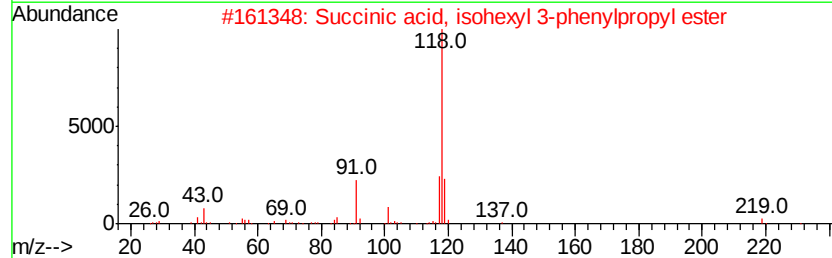
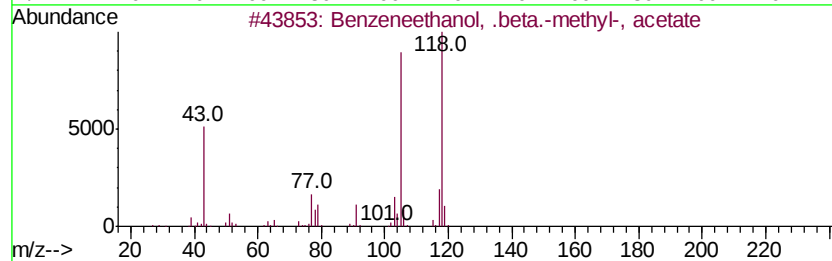
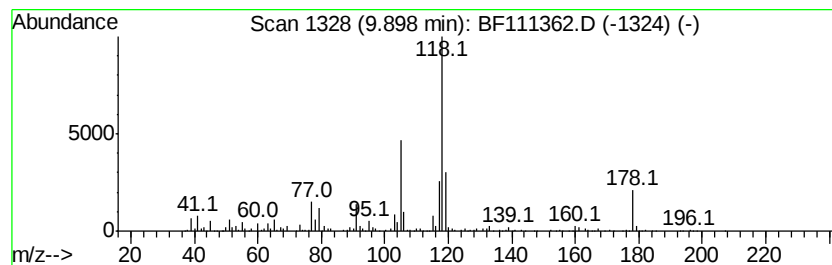
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzeneethanol, .beta.-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	6.82 ng	640701	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneethanol, .beta.-methvl-, ...	178 C11H14O2	010402-52-5 53
2		Succinic acid, isohexyl 3-phenyl...	320 C19H28O4	1000325-00-9 50
3		3-Cyclopentylpropionic acid, 3-p...	260 C17H24O2	1000293-47-3 50
4		Azetidine, 1,3,3-trimethyl-2-phe...	175 C12H17N	015451-12-4 50
5		Cyclohexanecarboxylic acid, 3-ph...	246 C16H22O2	070275-61-5 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
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Sample : J6334-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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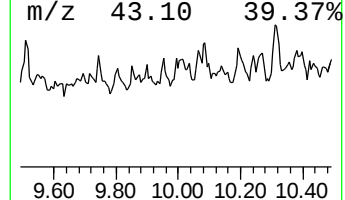
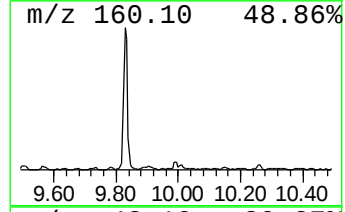
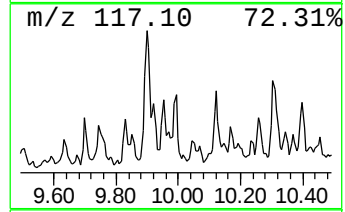
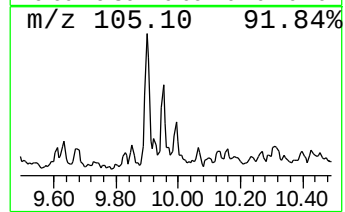
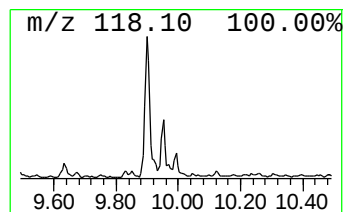
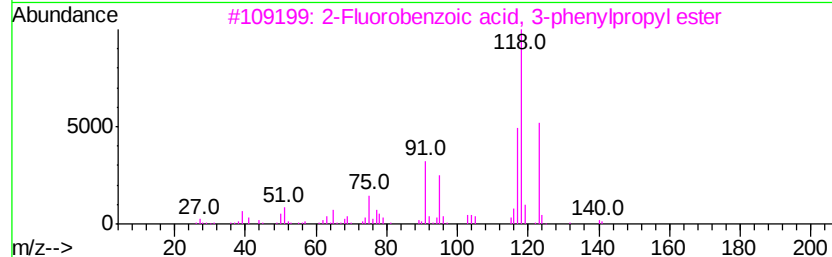
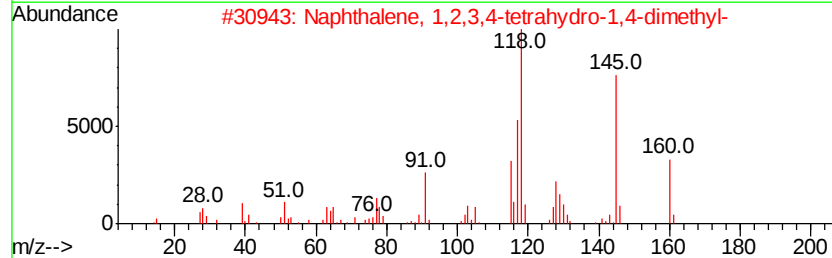
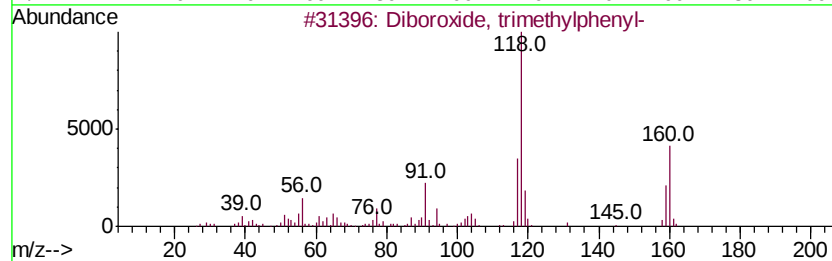
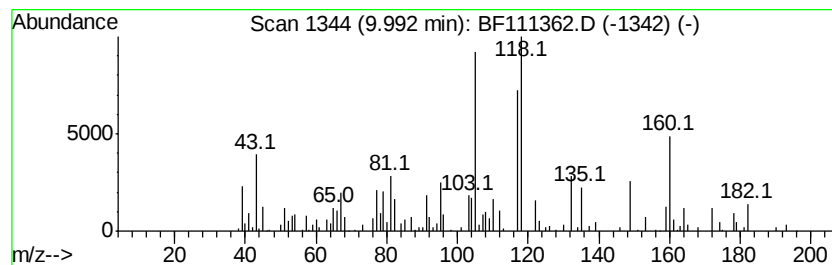
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	4.57 ng	428848	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	38
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38
3		2-Fluorobenzoic acid, 3-phenylpr...	258	C16H15FO2	1000278-98-4	38
4		1,3,5,7-Cyclooctatetraene, 1-butyl-	160	C12H16	013402-37-4	35
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
Operator : JU/SJ
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Misc :
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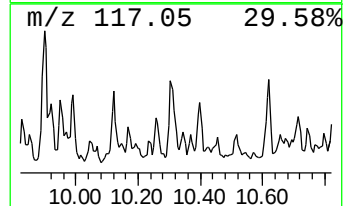
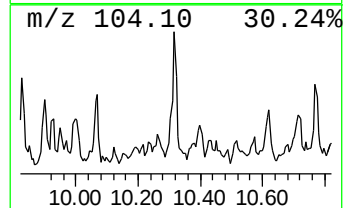
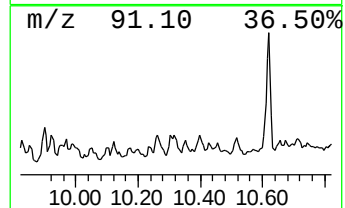
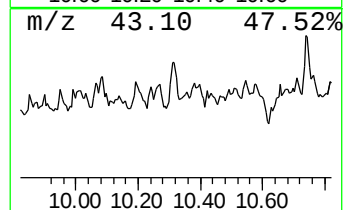
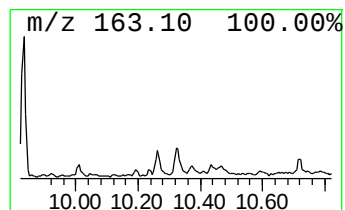
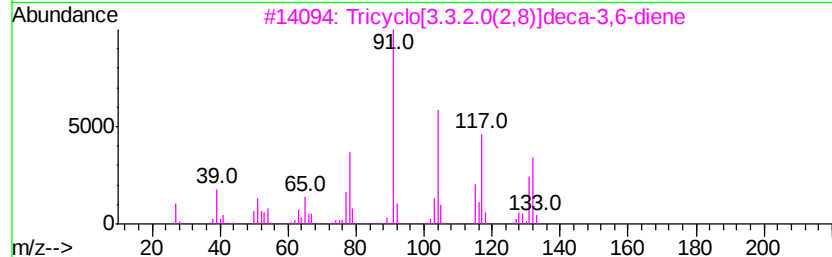
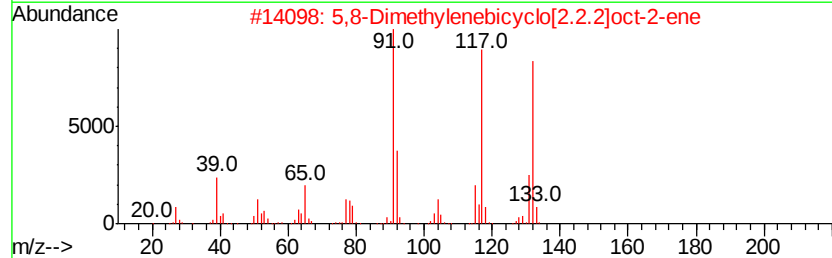
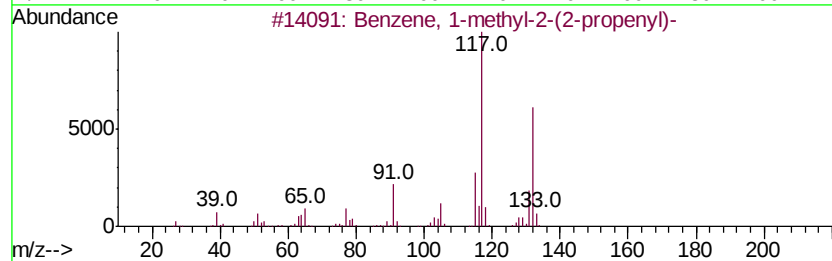
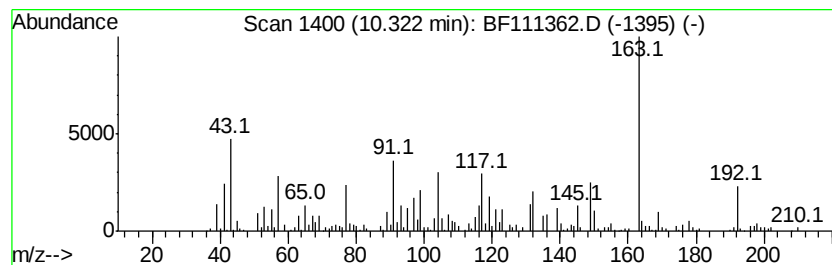
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.32 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	4.63 ng	434647	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	42
2	5,8-Dimethylenebicyclo[2.2.2]oct...	132	C10H12	1000210-64-8	42
3	Tricyclo[3.3.2.0(2,8)]deca-3,6-d...	132	C10H12	000768-46-7	41
4	o-Isopropenyltoluene	132	C10H12	007399-49-7	38
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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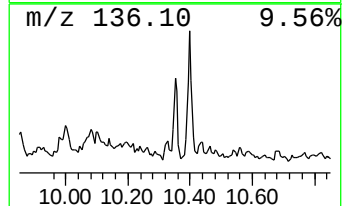
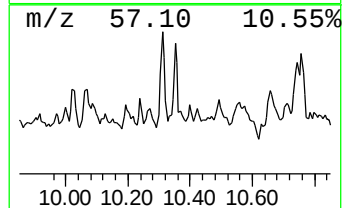
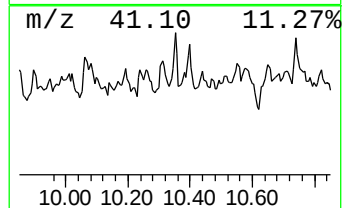
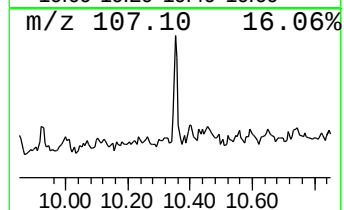
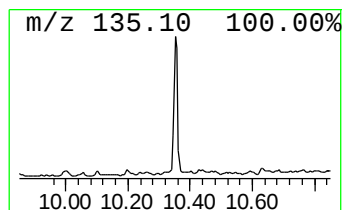
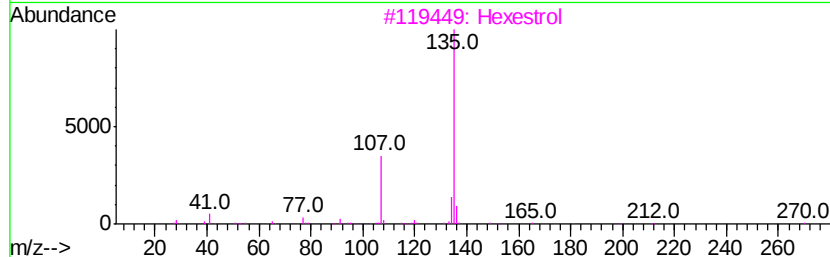
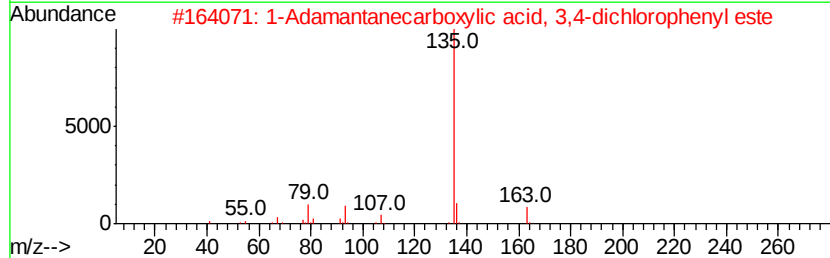
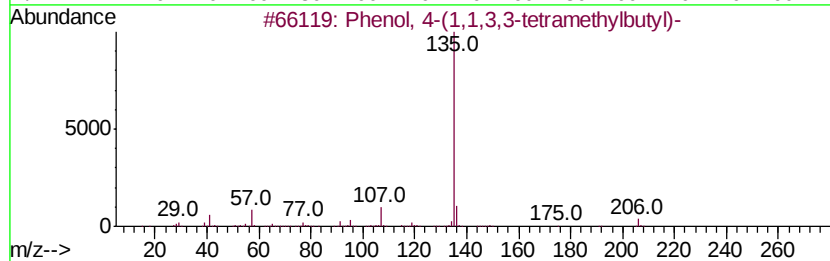
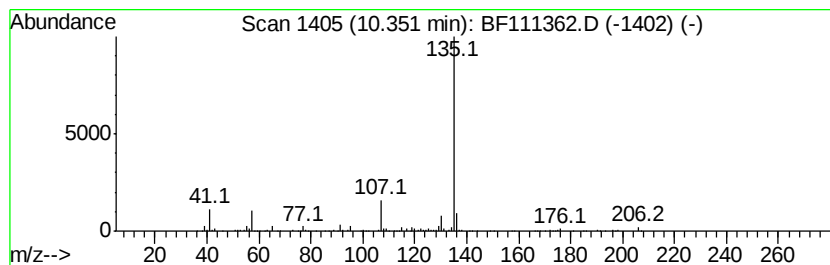
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.67 ng	344890	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206 C14H22O	000140-66-9	64
2	1-Adamantanecarboxylic acid, 3,4...	324 C17H18Cl2O2	1000307-66-4	59
3	Hexestrol	270 C18H22O2	000084-16-2	59
4	Hexestrol, 0-heptafluorobutyl-yl-	466 C22H21F7O3	1000365-31-9	59
5	Adenosine 3',5'-cyclic monophosp...	329 C10H12N5O6P	000060-92-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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Operator : JU/SJ
Sample : J6334-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-121018

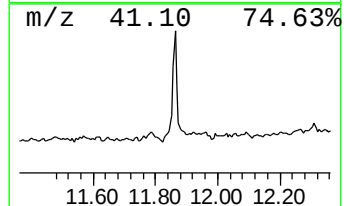
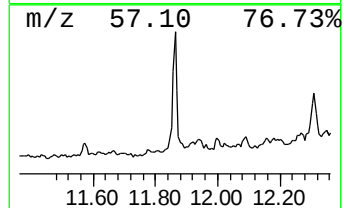
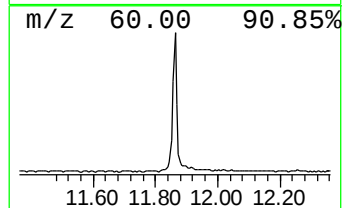
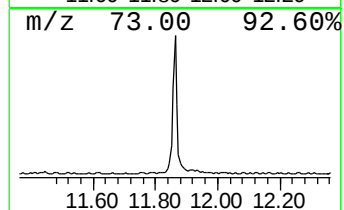
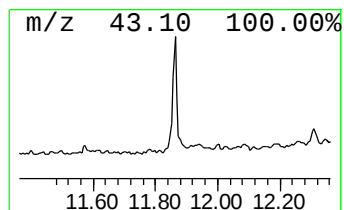
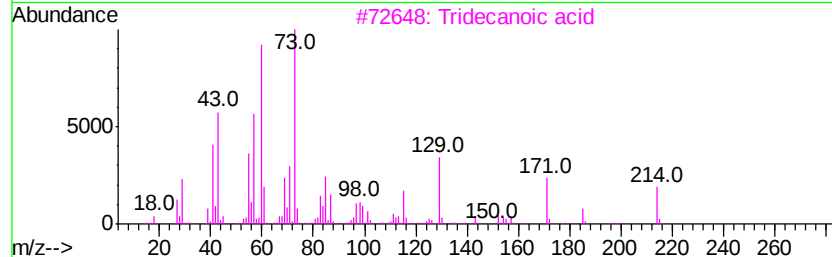
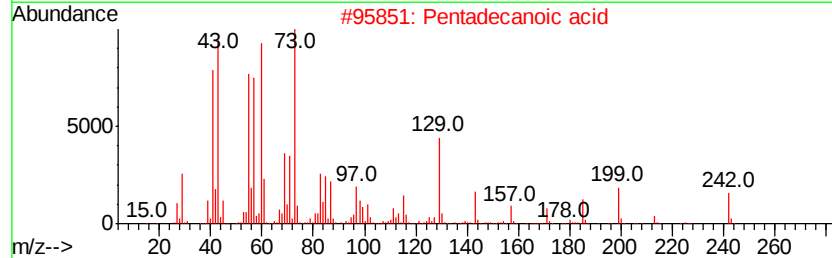
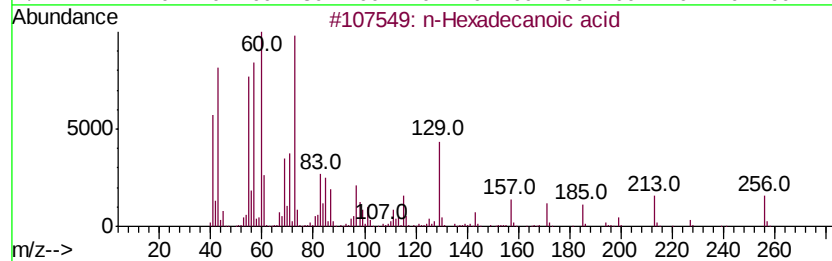
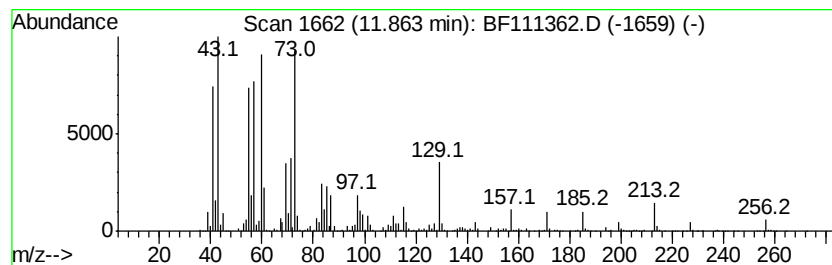
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.59 ng	1355030	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111362.D
Acq On : 13 Dec 2018 11:17
Operator : JU/SJ
Sample : J6334-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-121018

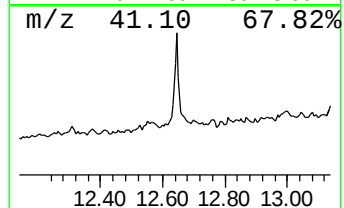
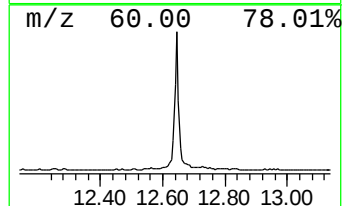
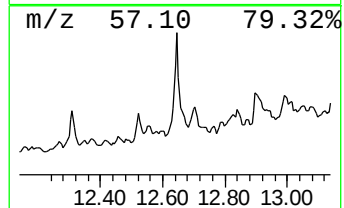
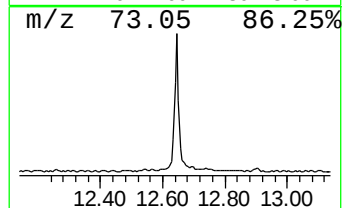
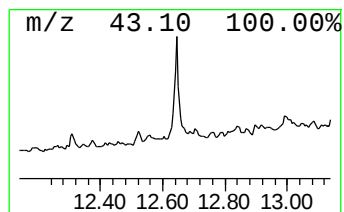
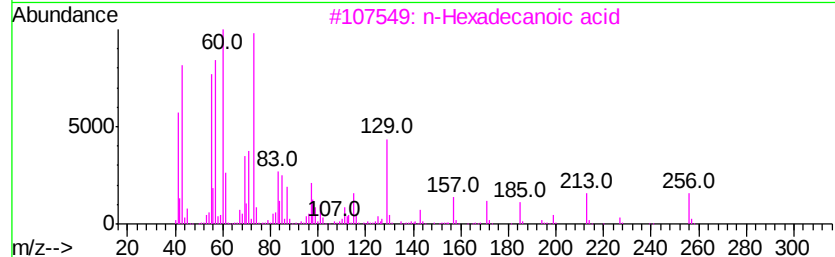
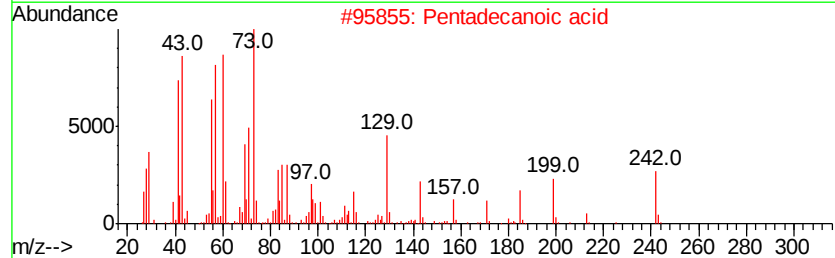
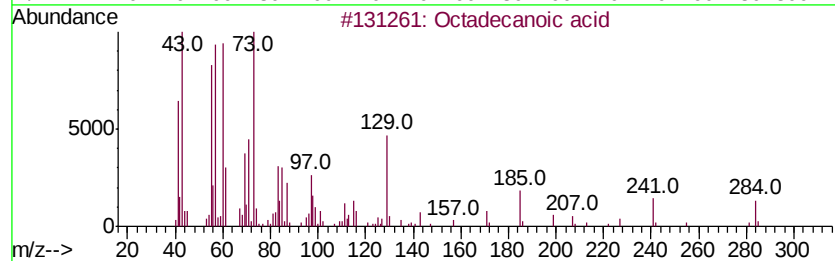
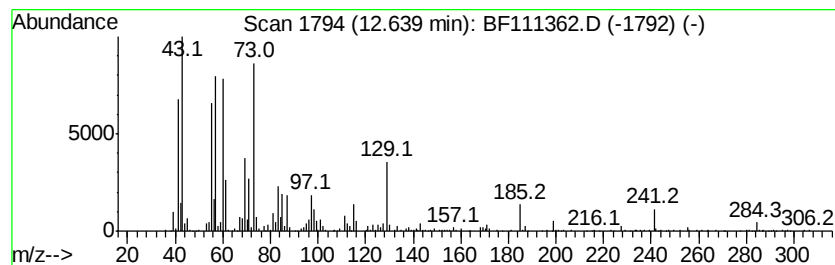
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	19.22 ng	1316250	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111362.D
 Acq On : 13 Dec 2018 11:17
 Operator : JU/SJ
 Sample : J6334-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-121018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanol, 4-met...	3.69	5.9	ng	348592	1	6.79	1173400	20.0
Cyclohexanol	5.57	6.6	ng	386211	1	6.79	1173400	20.0
unknown6.56	6.56	81.3	ng	4768150	1	6.79	1173400	20.0
unknown7.12	7.12	4.5	ng	265027	1	6.79	1173400	20.0
o-Toluidine	7.23	5.5	ng	324819	1	6.79	1173400	20.0
unknown7.94	7.94	11.7	ng	1023050	2	8.07	1753640	20.0
unknown8.43	8.43	12.5	ng	1094100	2	8.07	1753640	20.0
unknown8.46	8.46	5.8	ng	508805	2	8.07	1753640	20.0
Benzoic acid, 3-m...	8.53	4.6	ng	400200	2	8.07	1753640	20.0
unknown8.60	8.60	4.4	ng	389282	2	8.07	1753640	20.0
unknown8.87	8.87	3.8	ng	333040	2	8.07	1753640	20.0
Benzoic acid, 3,5...	9.26	3.6	ng	341878	3	9.83	1877740	20.0
Benzeneethanol, ...	9.90	6.8	ng	640701	3	9.83	1877740	20.0
unknown9.99	9.99	4.6	ng	428848	3	9.83	1877740	20.0
unknown10.32	10.32	4.6	ng	434647	3	9.83	1877740	20.0
Phenol, 4-(1,1,3,...	10.35	3.7	ng	344890	3	9.83	1877740	20.0
n-Hexadecanoic acid	11.86	15.6	ng	1355030	4	11.32	1738690	20.0
Octadecanoic acid	12.64	19.2	ng	1316250	5	13.96	1369790	20.0