

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111364.D
 Acq On : 13 Dec 2018 12:12
 Operator : JU/SJ
 Sample : J6334-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-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	2.340	26	43	47	rVV3	144813	460527	4.31%	0.224%
2	2.381	47	50	60	rVB3	158820	448943	4.20%	0.218%
3	2.857	116	131	140	rVB	1006835	2710552	25.37%	1.316%
4	3.240	192	196	201	rVV3	261631	528631	4.95%	0.257%
5	3.493	233	239	245	rVB	299386	549937	5.15%	0.267%
6	3.804	282	292	299	rBV2	814952	1701866	15.93%	0.826%
7	3.881	299	305	310	rVV	777539	1142547	10.69%	0.555%
8	3.940	310	315	321	rVV	315920	523444	4.90%	0.254%
9	4.087	336	340	344	rVV2	708583	1038141	9.72%	0.504%
10	4.234	359	365	370	rBV3	301832	613373	5.74%	0.298%
11	4.304	370	377	384	rVB3	829696	1335575	12.50%	0.648%
12	4.387	384	391	394	rBV	584601	777467	7.28%	0.377%
13	4.428	394	398	404	rVB3	920661	1412849	13.22%	0.686%
14	4.534	411	416	422	rBV2	650721	853417	7.99%	0.414%
15	4.851	467	470	474	rVB2	639609	728202	6.82%	0.353%
16	4.904	474	479	481	rBV3	392265	579329	5.42%	0.281%
17	4.945	481	486	490	rVB2	1266099	1744529	16.33%	0.847%
18	5.004	490	496	500	rBV2	1034565	1185796	11.10%	0.576%
19	5.210	526	531	534	rBV	756897	872329	8.16%	0.423%
20	5.275	535	542	544	rVV	5083477	5565399	52.09%	2.702%
21	5.298	544	546	548	rVV	511355	518057	4.85%	0.251%
22	5.322	548	550	555	rVV	544119	602855	5.64%	0.293%
23	5.398	556	563	569	rVB2	6432122	10685012	100.00%	5.187%
24	5.569	588	592	597	rVV3	722240	1137809	10.65%	0.552%
25	5.616	597	600	602	rVV	555812	559733	5.24%	0.272%
26	5.639	602	604	605	rVV	499032	459097	4.30%	0.223%
27	5.651	605	606	609	rVV	788861	739464	6.92%	0.359%
28	5.822	629	635	639	rBV2	669943	1023756	9.58%	0.497%
29	5.875	639	644	647	rBV3	320835	452410	4.23%	0.220%
30	5.963	655	659	663	rVB	3476698	3954345	37.01%	1.920%
31	6.022	663	669	671	rBV3	352202	663965	6.21%	0.322%
32	6.051	671	674	676	rBV	1893921	1593982	14.92%	0.774%
33	6.110	681	684	687	rBV	776798	718654	6.73%	0.349%
34	6.257	703	709	712	rVB	3868575	3853372	36.06%	1.871%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111364.D
 Acq On : 13 Dec 2018 12:12
 Operator : JU/SJ
 Sample : J6334-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-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

35	6.304	715	717	719	rBV	919653	789454	7.39%	0.383%
36	6.334	719	722	724	rVV3	1066540	1411209	13.21%	0.685%
37	6.357	724	726	730	rVB	3211734	2535919	23.73%	1.231%
38	6.398	730	733	736	rBV2	3255696	2968786	27.78%	1.441%
39	6.428	736	738	741	rVB	1774448	1381777	12.93%	0.671%
40	6.486	744	748	754	rVB	2518799	2488283	23.29%	1.208%
41	6.569	754	762	766	rBV	4529735	5660779	52.98%	2.748%
42	6.628	768	772	775	rBV	8020062	7127962	66.71%	3.460%
43	6.757	792	794	798	rVB	648620	543063	5.08%	0.264%
44	6.792	798	800	803	rVB	1386985	1057760	9.90%	0.513%
45	6.822	803	805	808	rVB2	1255920	1076113	10.07%	0.522%
46	6.857	808	811	814	rBV	4724253	4339330	40.61%	2.106%
47	6.951	823	827	830	rBV	4933254	5550713	51.95%	2.694%
48	6.981	830	832	835	rVB	6674537	5274679	49.37%	2.560%
49	7.051	839	844	846	rBV	2223710	1958063	18.33%	0.951%
50	7.075	846	848	852	rVB2	1234013	1325107	12.40%	0.643%
51	7.122	852	856	858	rBV	4081986	3863475	36.16%	1.875%
52	7.145	858	860	864	rVB2	1356076	1152877	10.79%	0.560%
53	7.192	865	868	871	rBV	2038390	1746194	16.34%	0.848%
54	7.269	878	881	883	rBV	1374007	1334417	12.49%	0.648%
55	7.292	883	885	888	rVB	1000404	749283	7.01%	0.364%
56	7.339	888	893	895	rBV2	5747471	6448777	60.35%	3.130%
57	7.369	895	898	902	rVB3	4905797	6445994	60.33%	3.129%
58	7.445	907	911	915	rBV4	1354566	1612880	15.09%	0.783%
59	7.486	915	918	920	rBV2	1068249	1125103	10.53%	0.546%
60	7.516	920	923	926	rVB2	721284	698219	6.53%	0.339%
61	7.569	926	932	934	rBV	2763425	2826865	26.46%	1.372%
62	7.598	934	937	941	rVB	2389932	2080200	19.47%	1.010%
63	7.686	947	952	954	rBV2	694782	820906	7.68%	0.398%
64	7.751	958	963	966	rBV3	2437439	3011198	28.18%	1.462%
65	7.822	969	975	979	rBV2	7291670	8586904	80.36%	4.168%
66	7.904	987	989	990	rVV	865218	772358	7.23%	0.375%
67	7.922	990	992	994	rVB	1113560	855326	8.00%	0.415%
68	7.951	994	997	1000	rBV	771877	684052	6.40%	0.332%
69	8.028	1005	1010	1011	rBV3	535605	740529	6.93%	0.359%
70	8.045	1011	1013	1014	rVV2	570710	474058	4.44%	0.230%
71	8.075	1014	1018	1020	rVV2	3321297	3901834	36.52%	1.894%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111364.D
 Acq On : 13 Dec 2018 12:12
 Operator : JU/SJ
 Sample : J6334-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-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

72	8.104	1020	1023	1025	rVV	7350633	6772082	63.38%	3.287%
73	8.128	1025	1027	1029	rVV	1705098	1386573	12.98%	0.673%
74	8.151	1029	1031	1033	rVV	1072486	796882	7.46%	0.387%
75	8.169	1033	1034	1038	rVB	672434	488892	4.58%	0.237%
76	8.357	1064	1066	1068	rVV	802102	715177	6.69%	0.347%
77	8.463	1081	1084	1087	rVB	1030232	845969	7.92%	0.411%
78	8.510	1089	1092	1096	rVV2	462825	664991	6.22%	0.323%
79	8.545	1096	1098	1100	rVV	994157	844024	7.90%	0.410%
80	8.575	1100	1103	1105	rVV2	1173236	1395561	13.06%	0.677%
81	8.604	1105	1108	1110	rVV	1477819	1994808	18.67%	0.968%
82	8.622	1110	1111	1114	rVV	1114614	741817	6.94%	0.360%
83	8.669	1116	1119	1121	rVV3	405991	461794	4.32%	0.224%
84	8.698	1121	1124	1126	rVV	3001043	3070250	28.73%	1.490%
85	8.727	1126	1129	1134	rVB	3161922	3545664	33.18%	1.721%
86	8.792	1134	1140	1142	rBV	4076760	3455655	32.34%	1.677%
87	8.886	1152	1156	1160	rVB	2301055	2376034	22.24%	1.153%
88	9.075	1183	1188	1192	rVV3	798498	1352505	12.66%	0.657%
89	9.157	1198	1202	1205	rVB	7284395	6357820	59.50%	3.086%
90	9.416	1243	1246	1249	rVV2	471654	564533	5.28%	0.274%
91	9.492	1256	1259	1261	rVV	652121	763999	7.15%	0.371%
92	9.516	1261	1263	1266	rVB2	879882	739839	6.92%	0.359%
93	9.833	1311	1317	1321	rBV	2072652	2152463	20.14%	1.045%
94	10.621	1446	1451	1454	rBV	4413411	4217760	39.47%	2.047%
95	11.316	1565	1569	1572	rBV	2116527	1965098	18.39%	0.954%
96	11.845	1656	1659	1663	rBV	692558	624429	5.84%	0.303%
97	12.633	1789	1793	1803	rBV	403105	480983	4.50%	0.233%
98	12.904	1834	1839	1842	rBV	6800902	7120144	66.64%	3.456%
99	13.951	2013	2017	2022	rBV	1733156	1773810	16.60%	0.861%
100	15.386	2257	2261	2265	rBV	991405	1176652	11.01%	0.571%

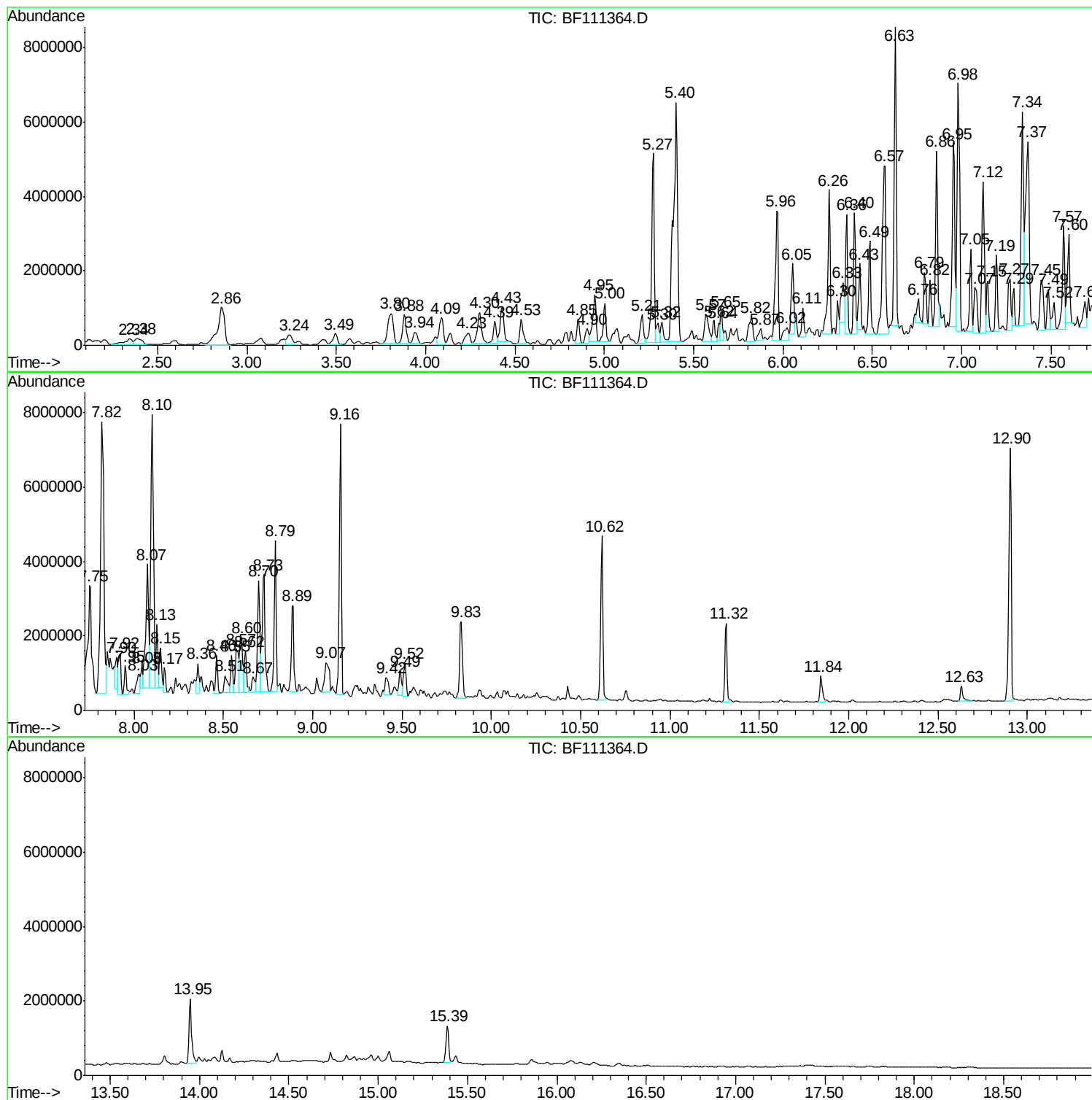
Sum of corrected areas: 206002018

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

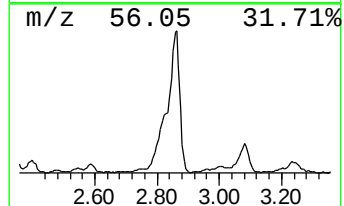
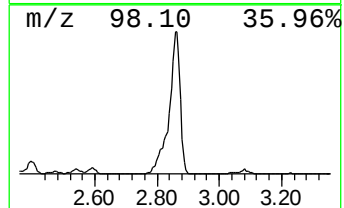
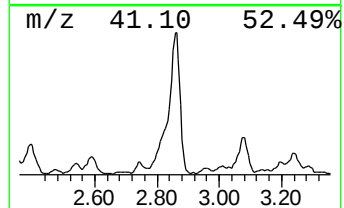
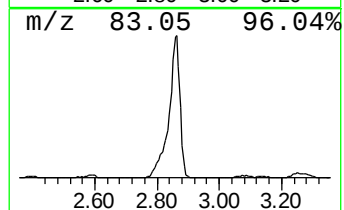
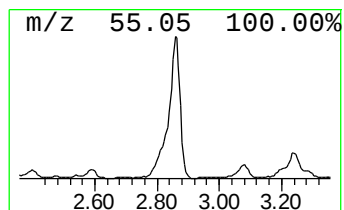
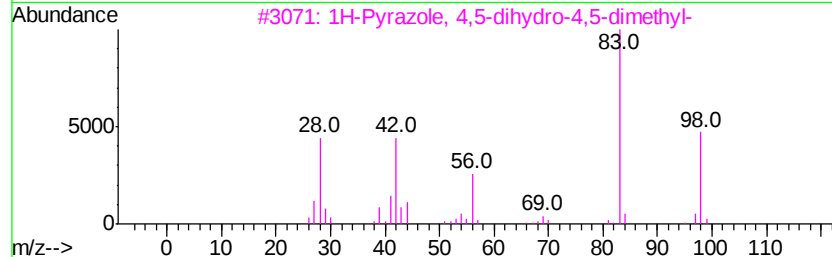
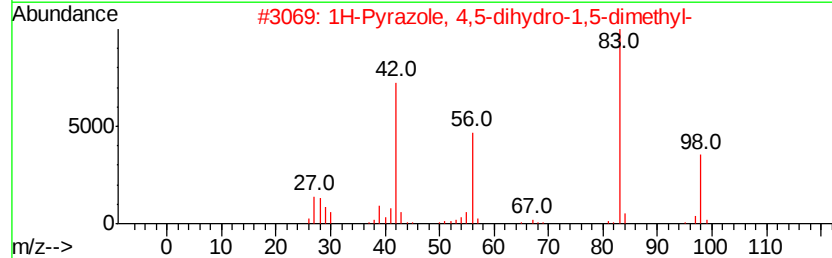
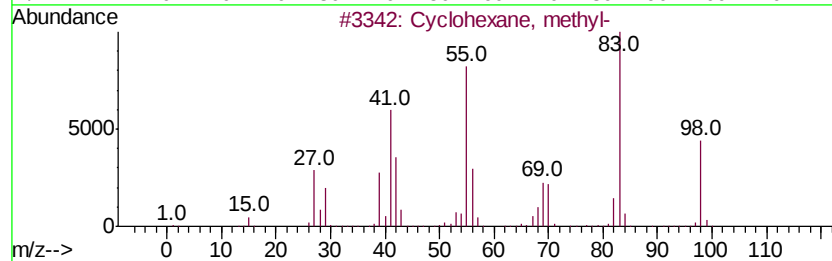
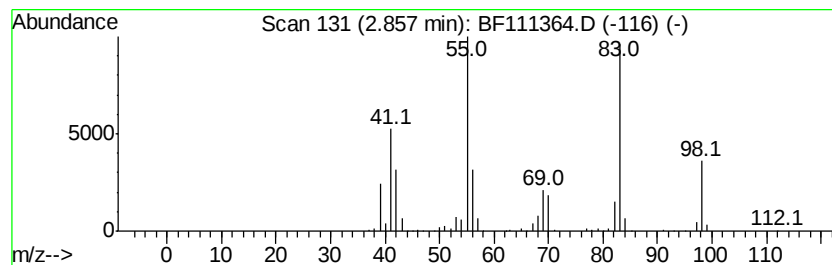
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	51.25 ng	2710550	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	72
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
4			Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	64
5			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GW-121018

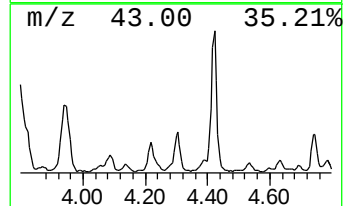
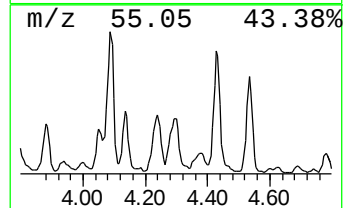
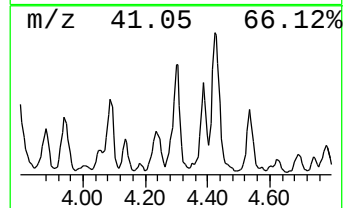
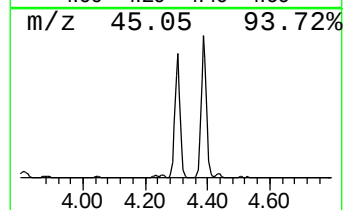
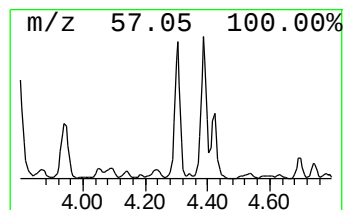
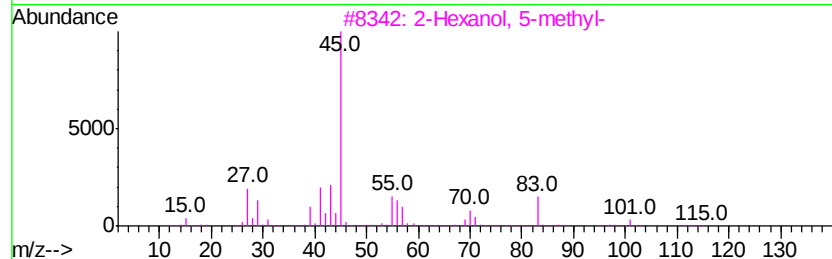
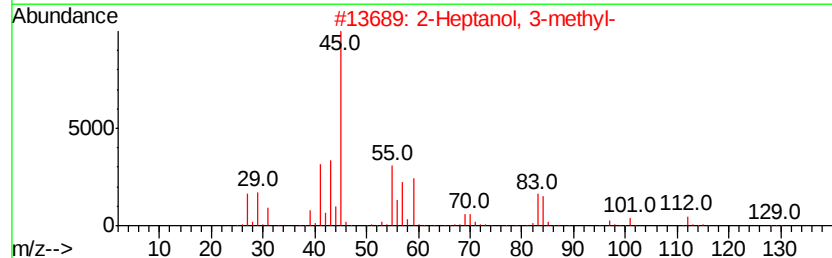
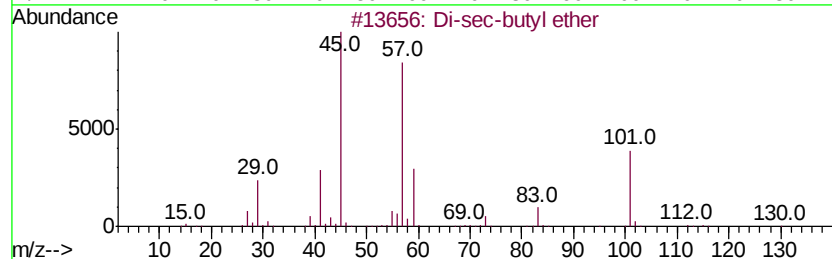
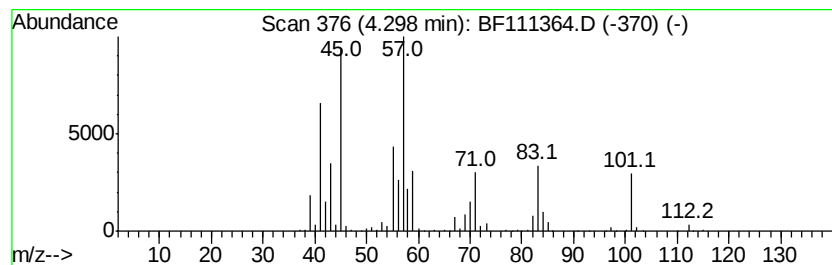
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Di-sec-butyl ether Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	25.25 ng	1335580	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
2		2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	47
3		2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	37
4		2-Dodecanol	186	C12H26O	010203-28-8	35
5		2-Heptanol, 5-methyl-	130	C8H18O	054630-50-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

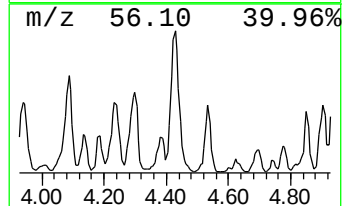
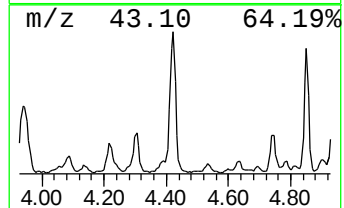
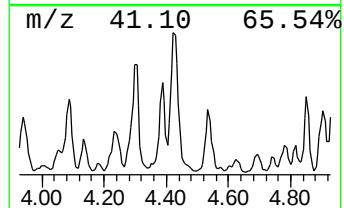
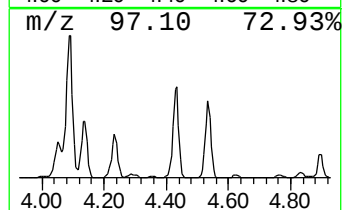
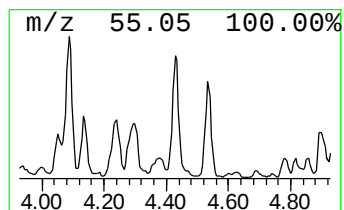
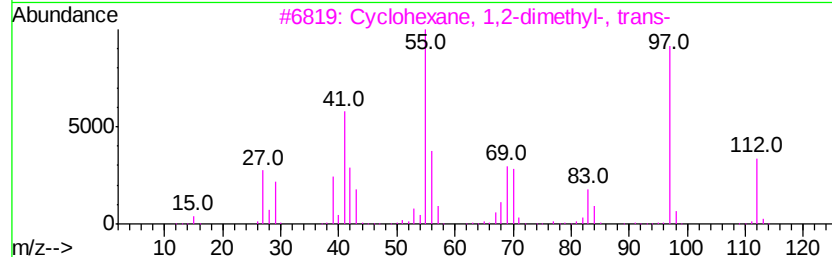
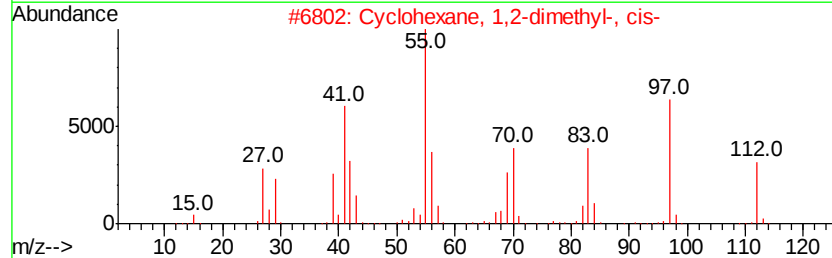
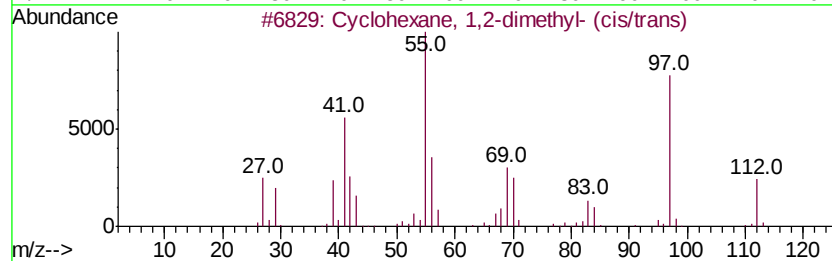
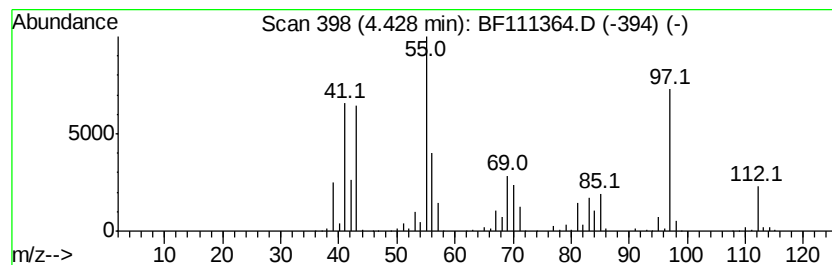
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	26.71 ng	1412850	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	76
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	70
4		Cyclooctane	112	C8H16	000292-64-8	60
5		2-Octene	112	C8H16	000111-67-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

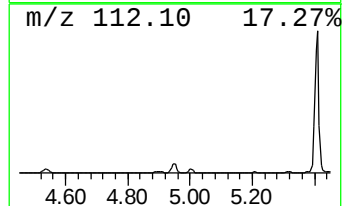
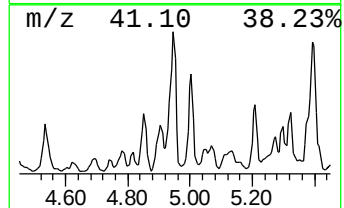
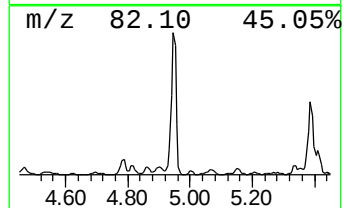
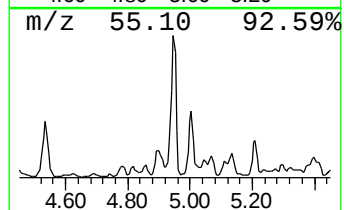
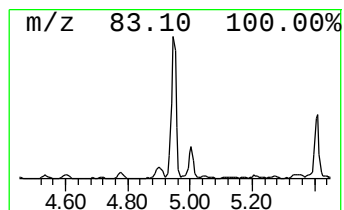
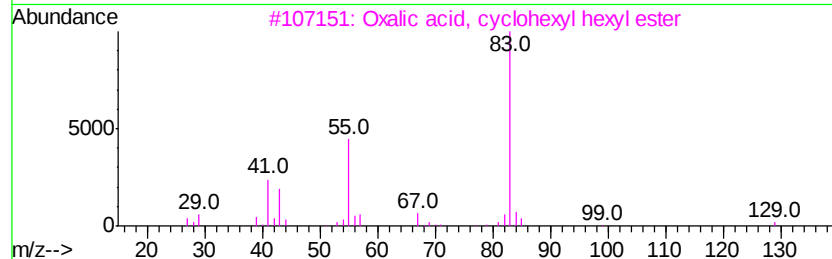
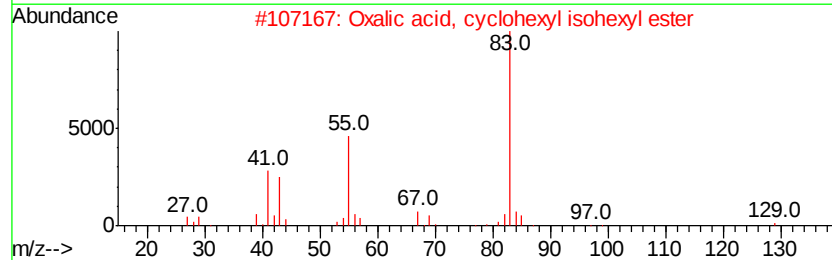
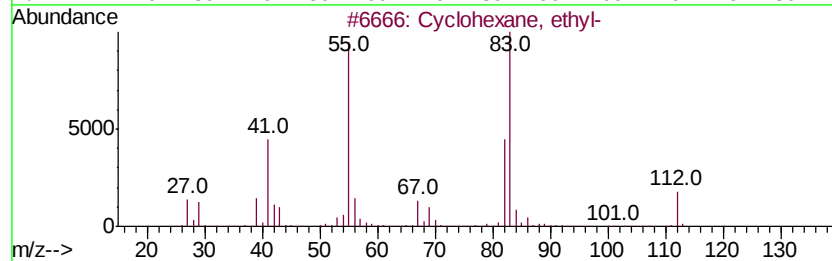
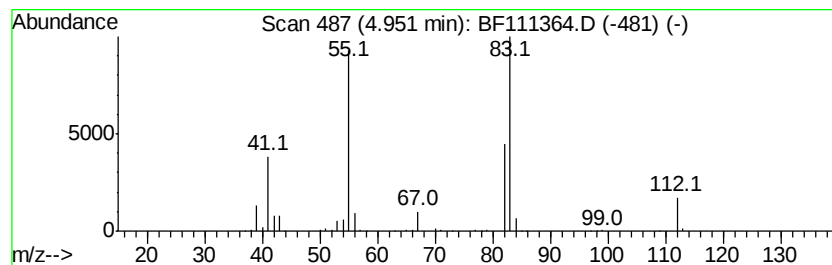
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	32.99 ng	1744530	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	59
3		Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	59
4		2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	58
5		3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

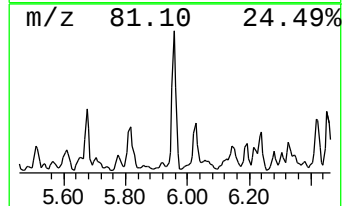
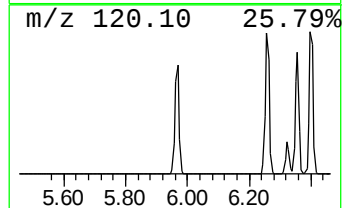
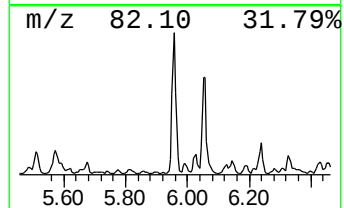
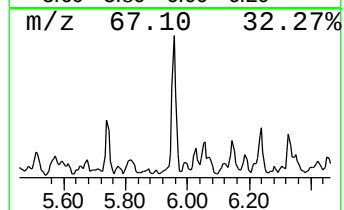
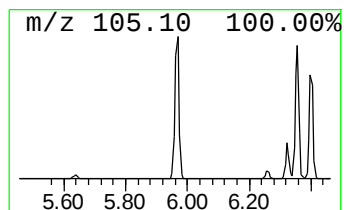
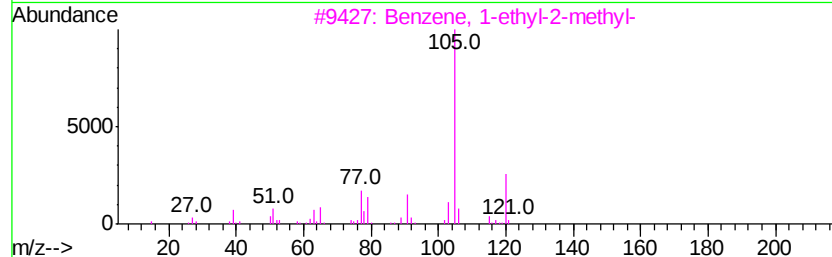
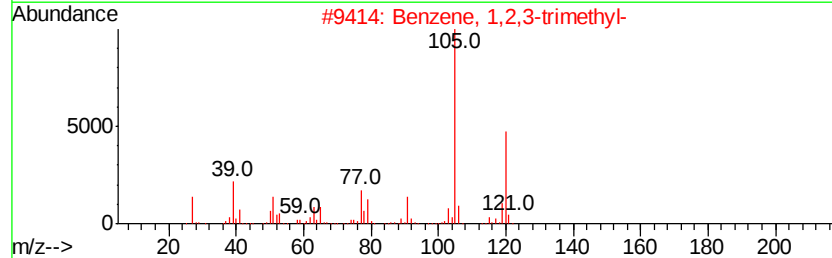
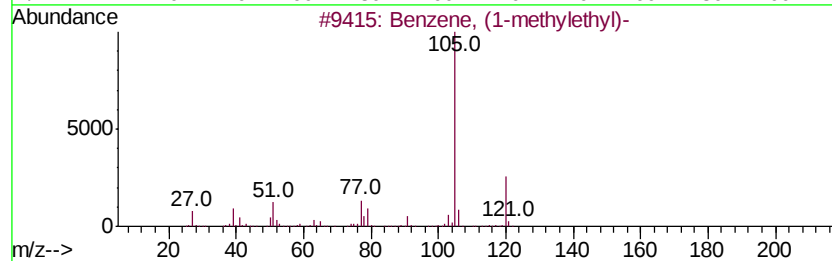
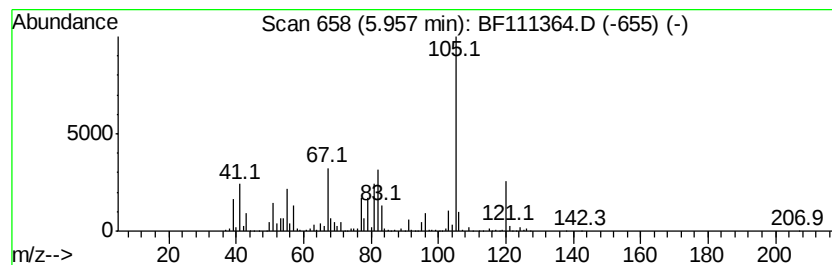
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	74.77 ng	3954350	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

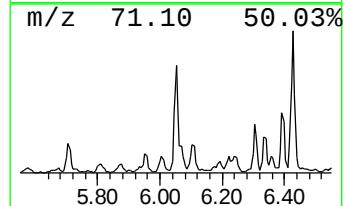
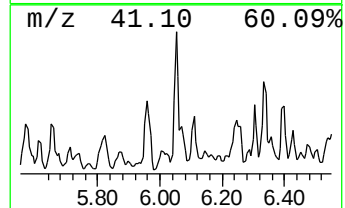
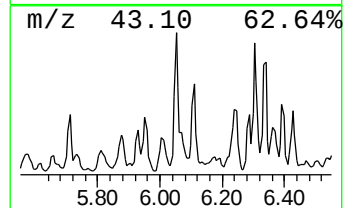
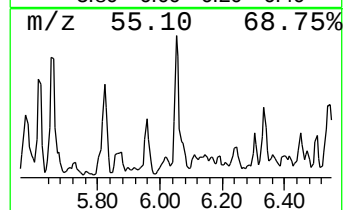
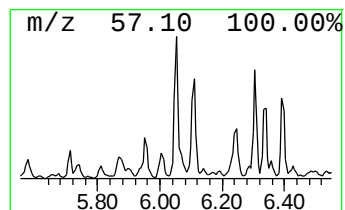
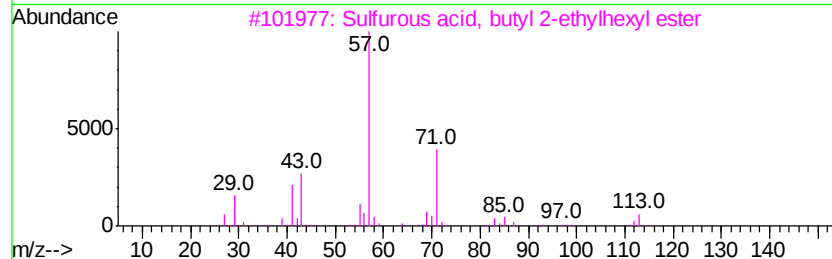
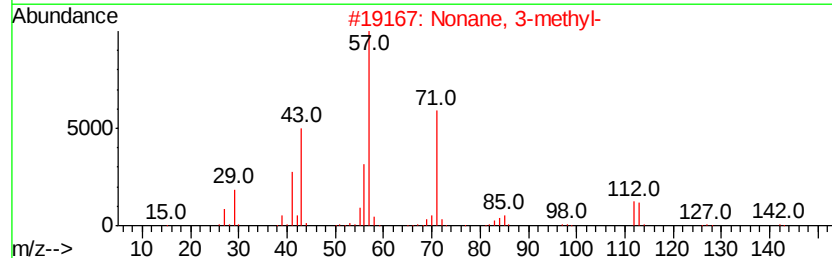
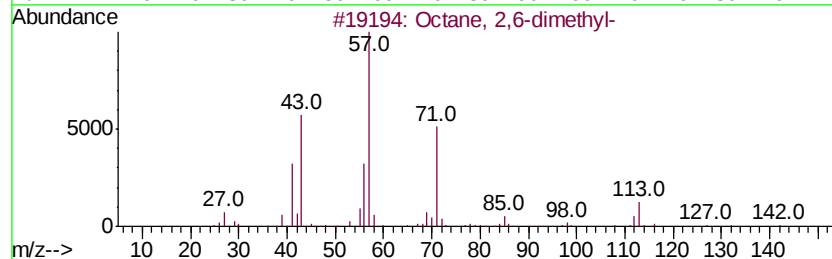
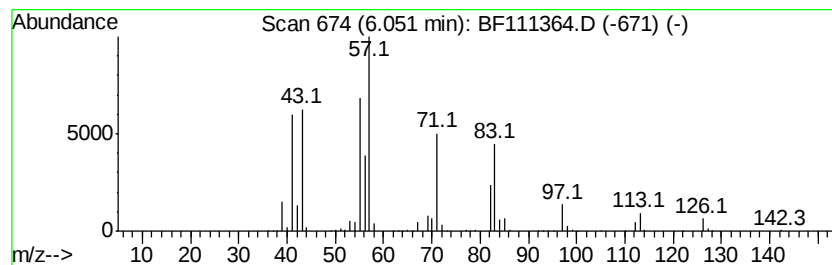
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	30.14 ng	1593980	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	35
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GW-121018

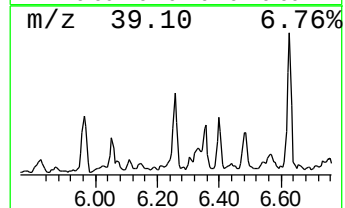
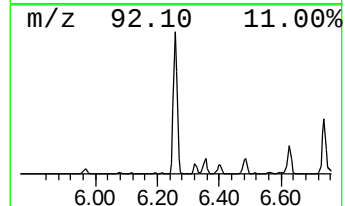
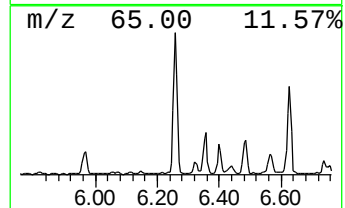
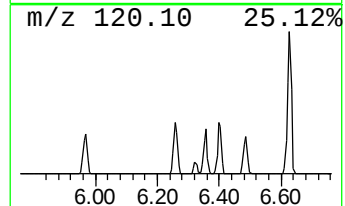
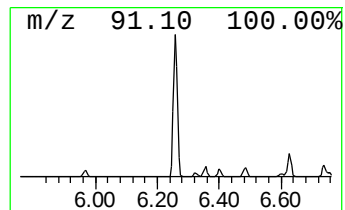
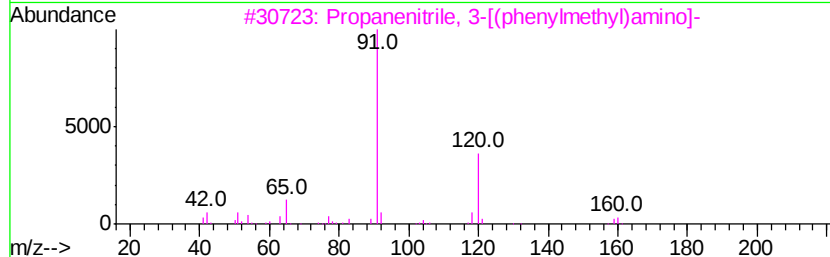
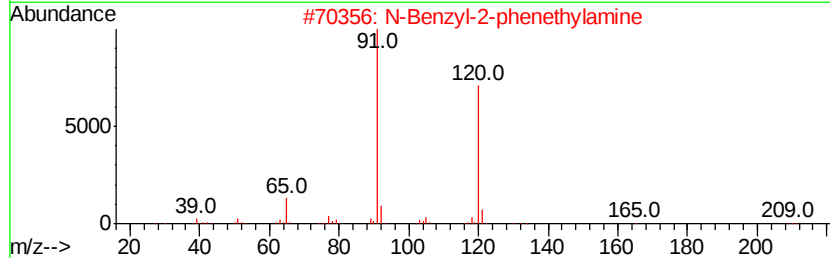
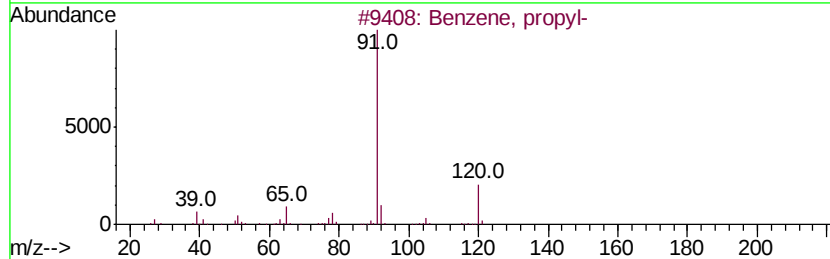
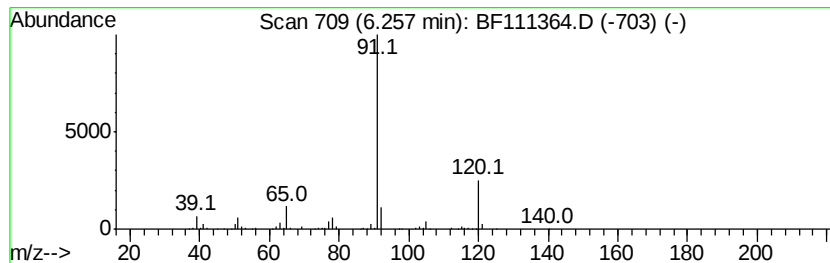
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	72.86 ng	3853370	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
3		Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	59
4		Benzene, (ethenyl)oxy-	120	C8H8O	000766-94-9	59
5		Propanedinitrile, (1-methyl-3-phenyl)-	196	C13H12N2	069564-94-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GW-121018

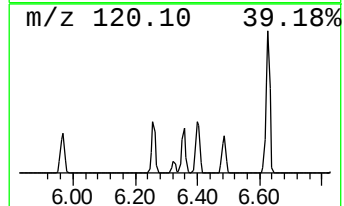
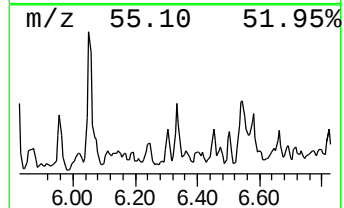
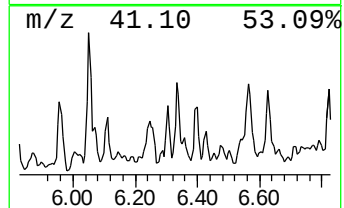
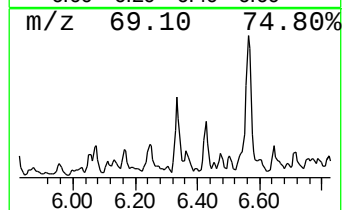
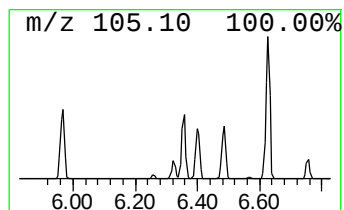
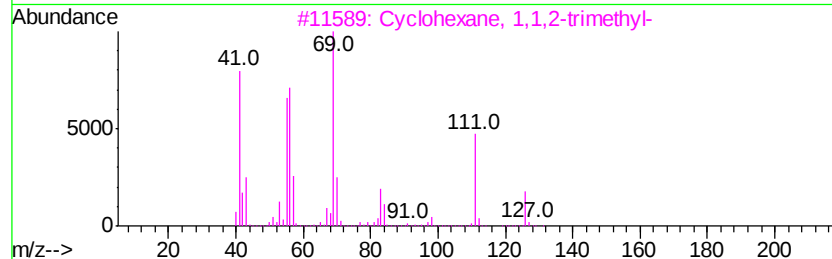
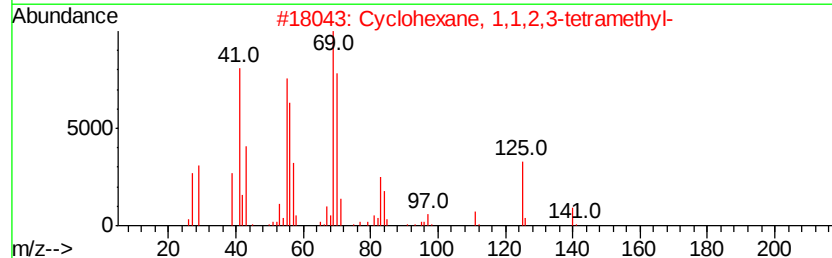
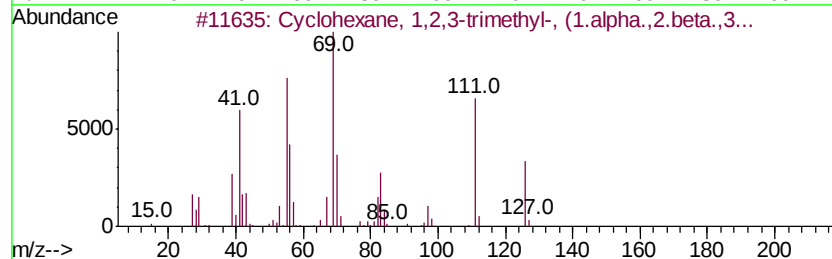
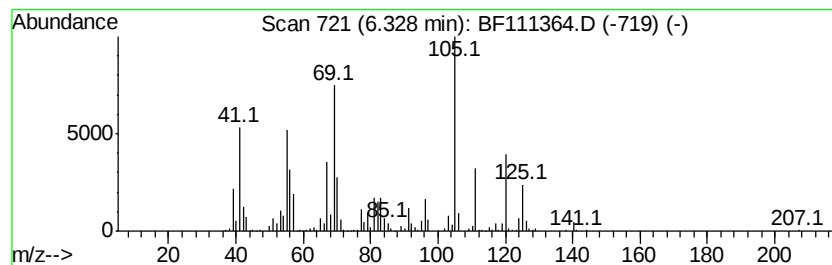
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,2,3-trimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	26.68 ng	1411210	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	64
2		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4		trans-3-Decene	140	C10H20	019150-21-1	52
5		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

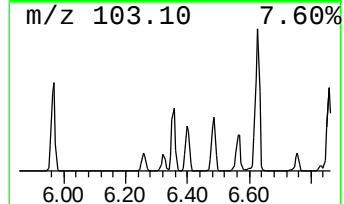
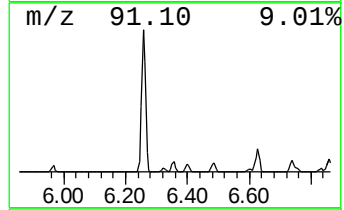
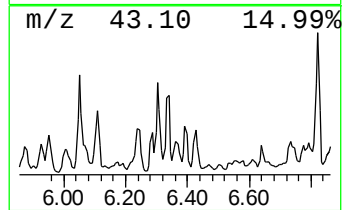
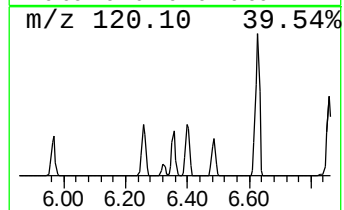
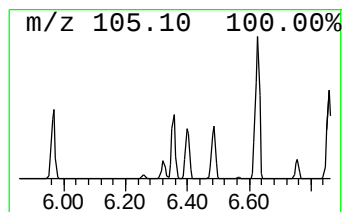
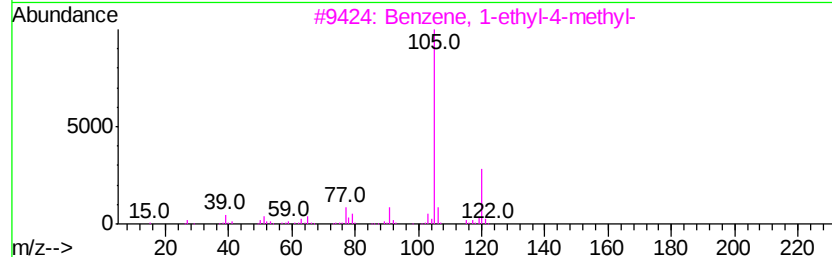
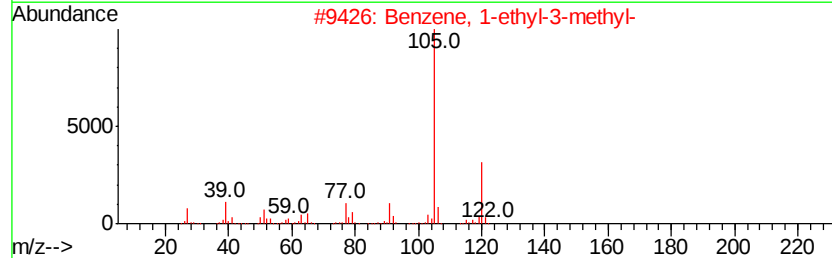
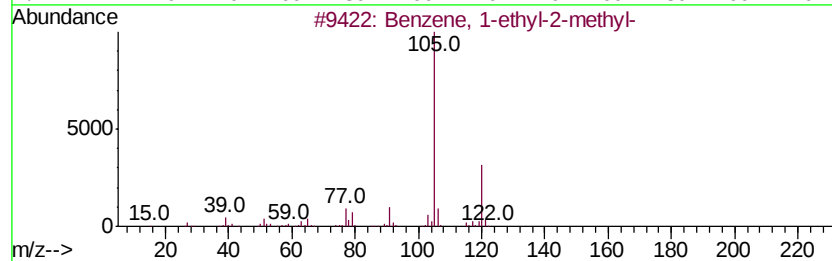
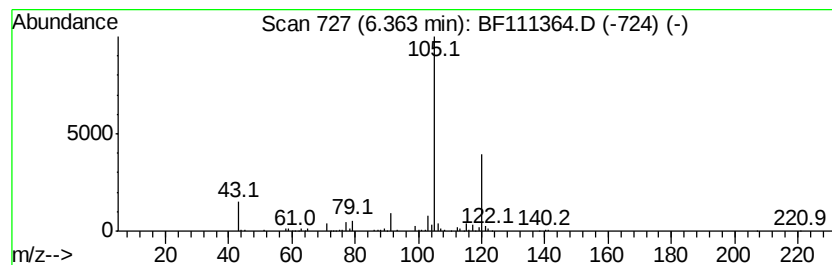
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	47.95 ng	2535920	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

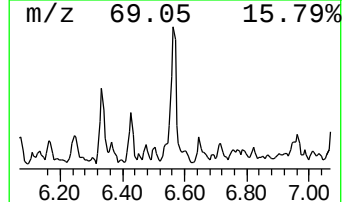
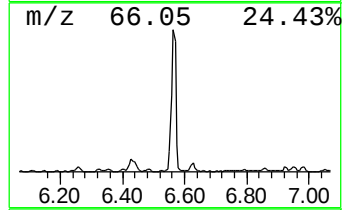
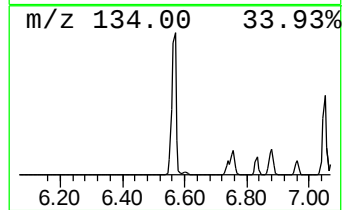
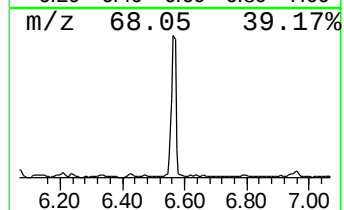
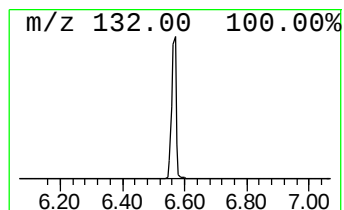
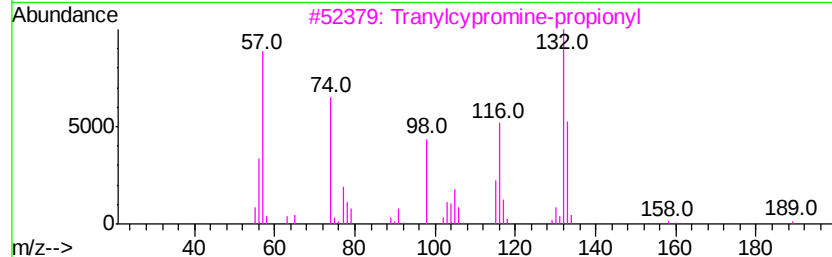
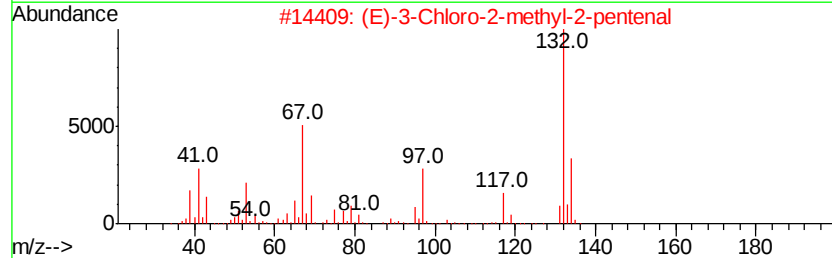
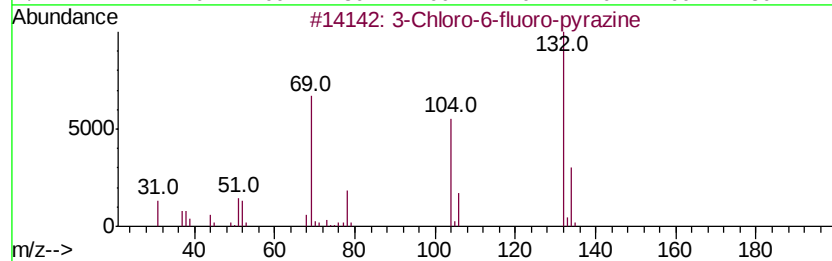
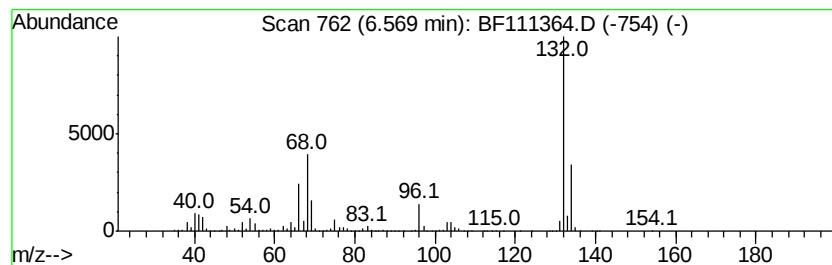
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	107.03 ng	5660780	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

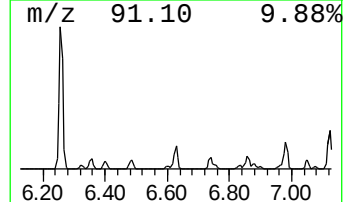
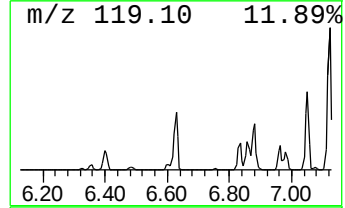
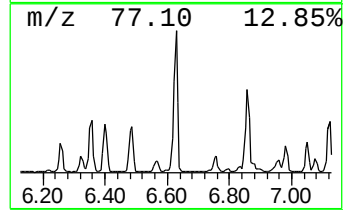
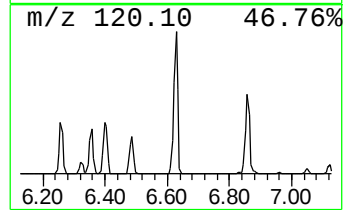
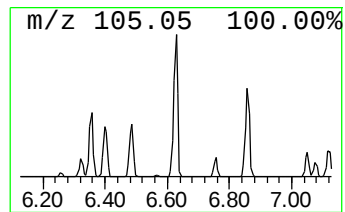
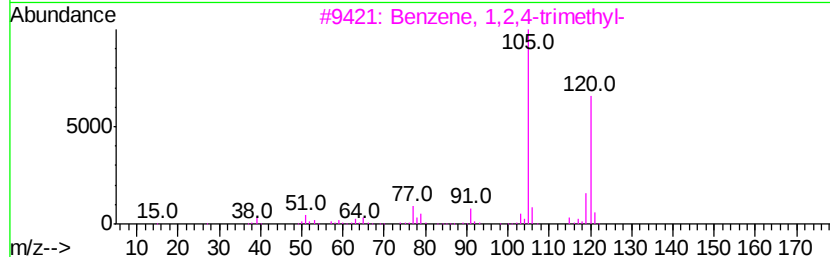
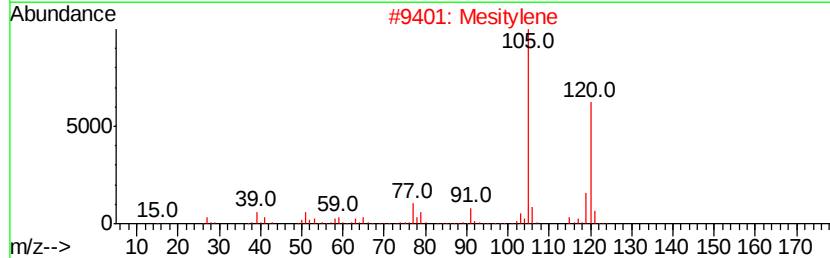
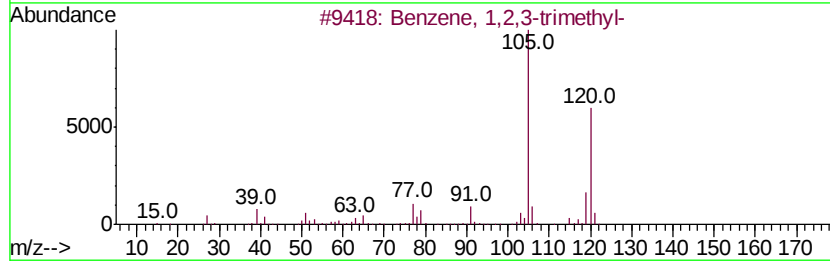
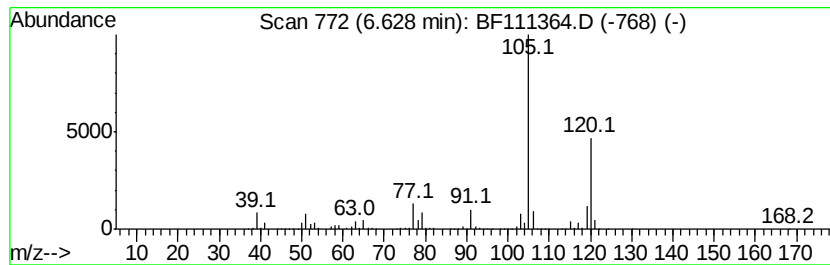
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	134.78 ng	7127960	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

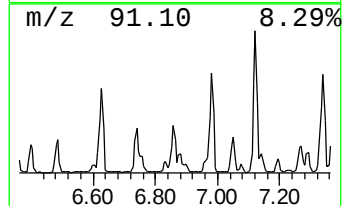
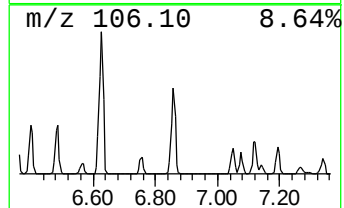
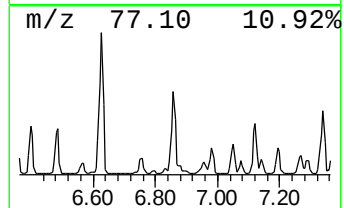
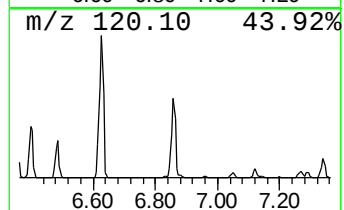
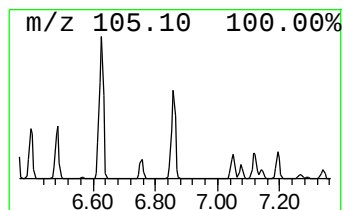
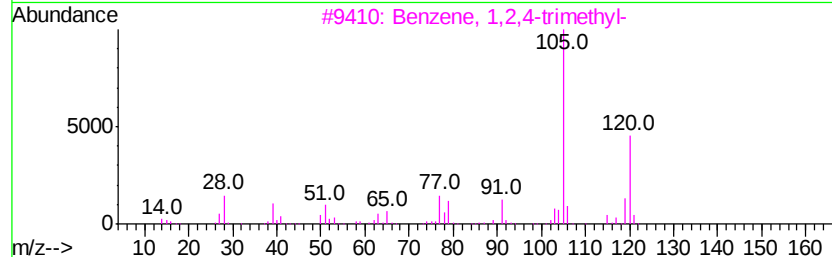
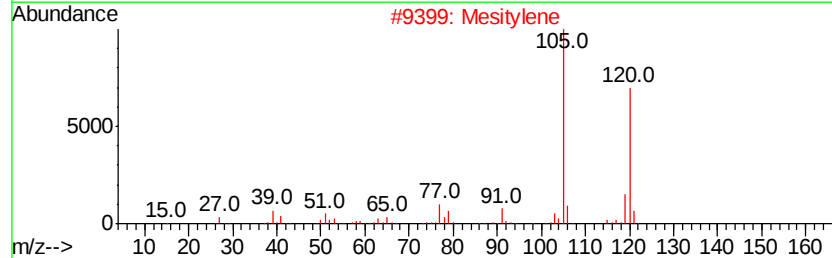
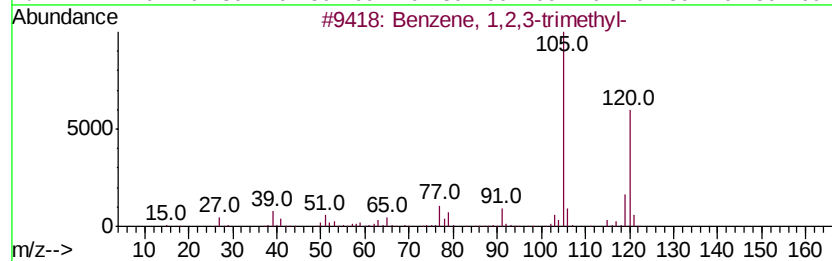
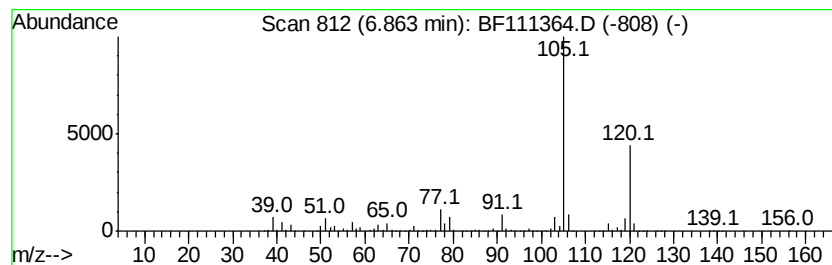
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	82.05 ng	4339330	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

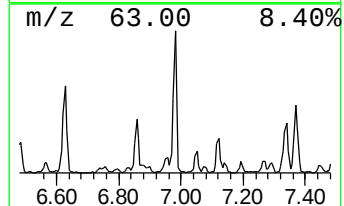
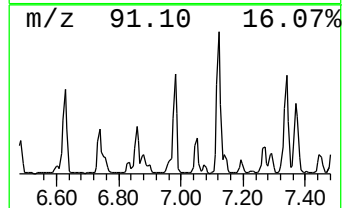
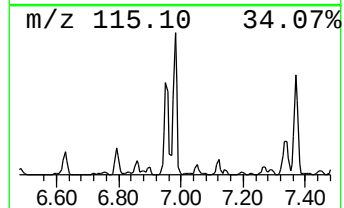
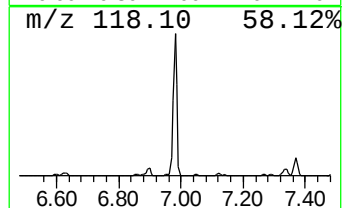
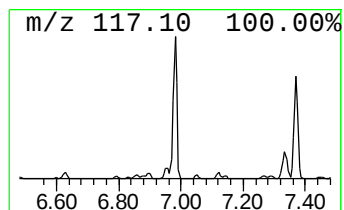
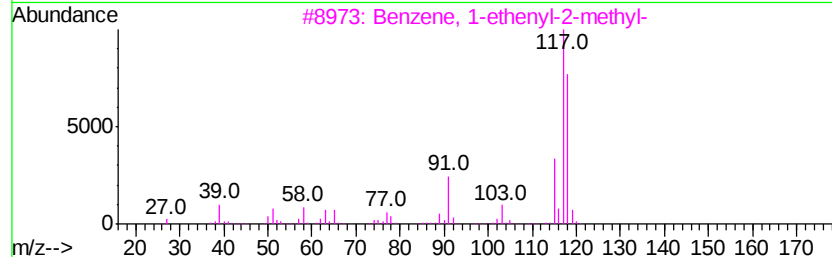
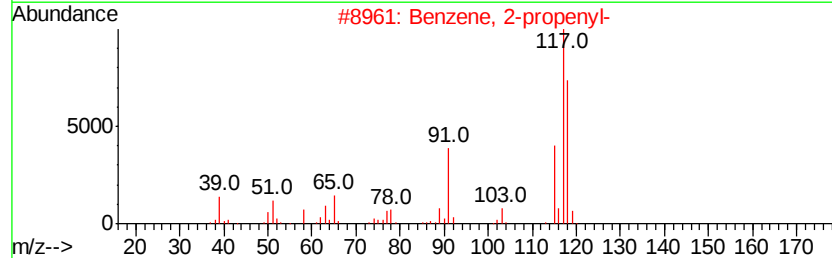
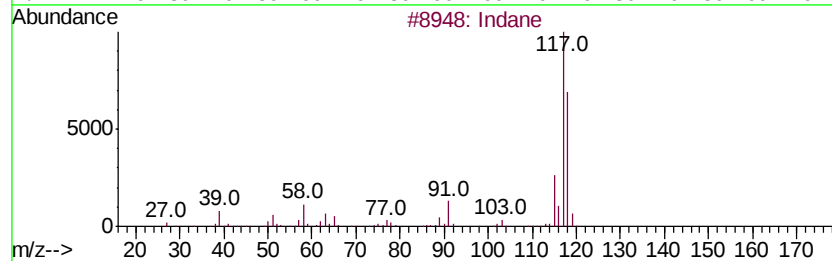
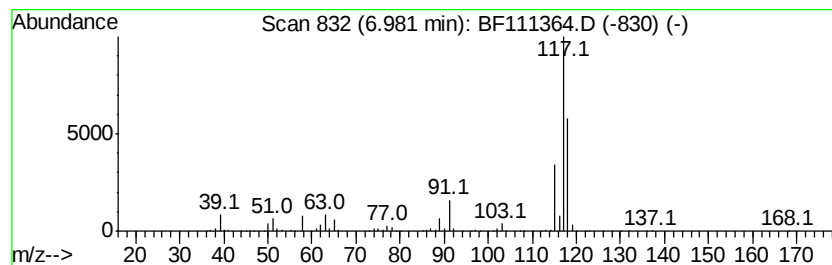
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	99.73 ng	5274680	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	83
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
5		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

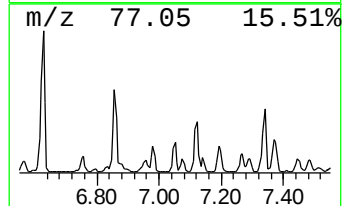
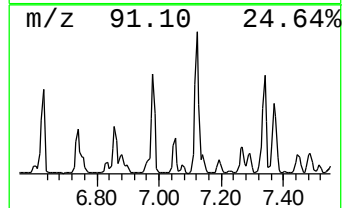
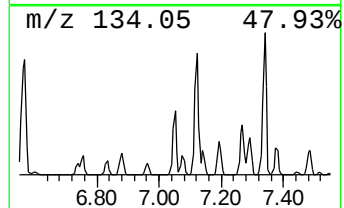
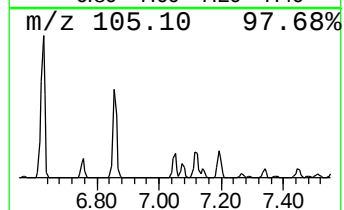
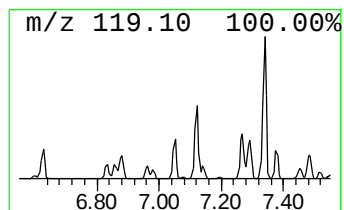
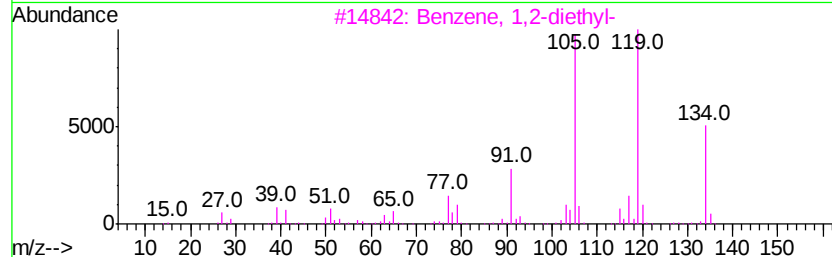
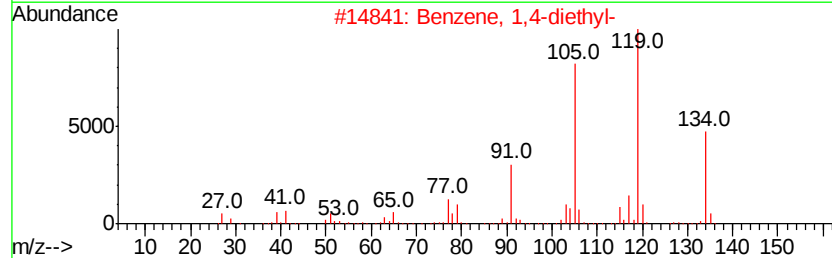
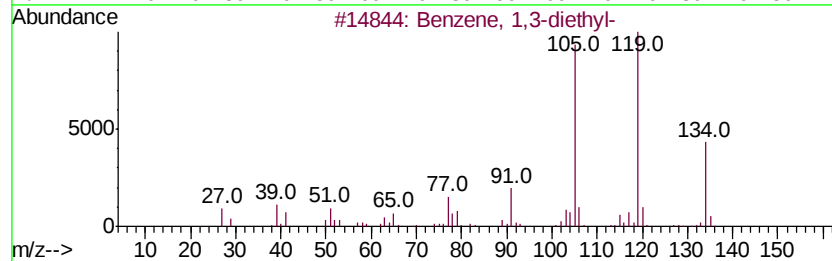
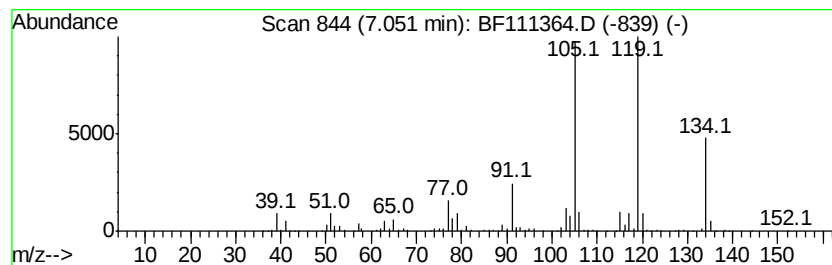
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	37.02 ng	1958060	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

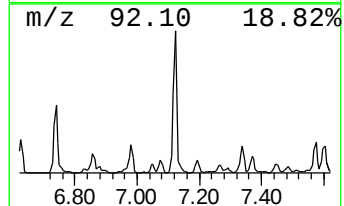
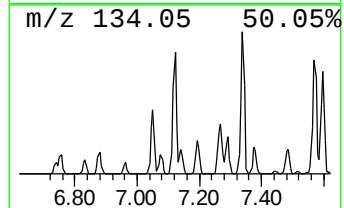
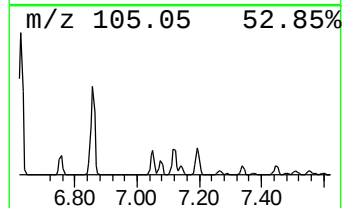
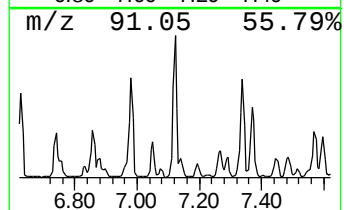
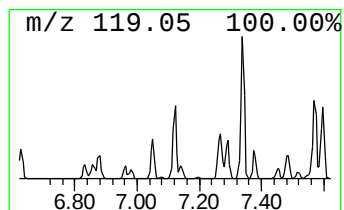
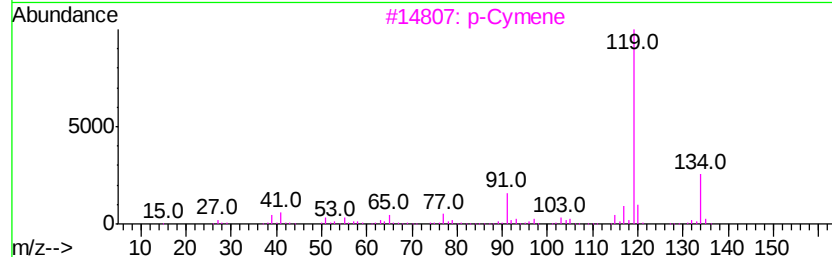
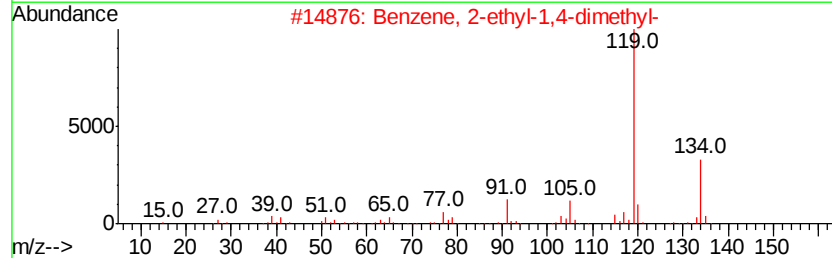
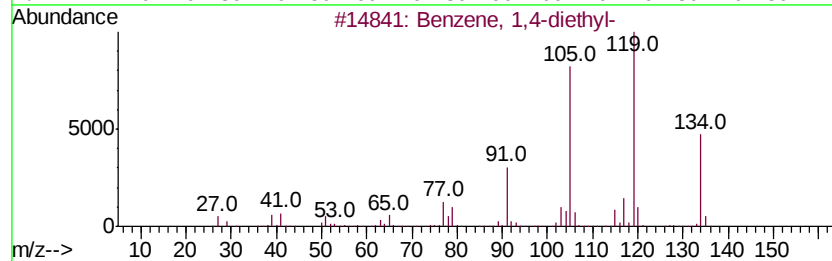
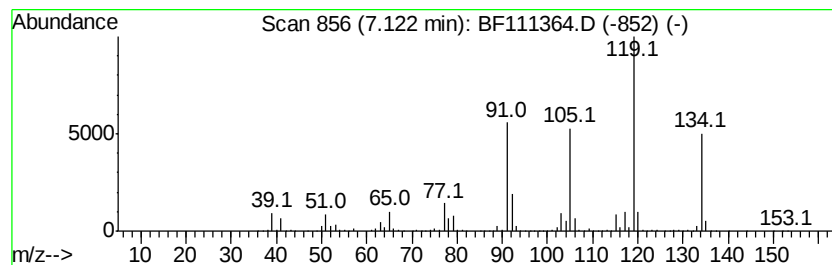
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	73.05 ng	3863480	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		p-Cymene	134	C10H14	000099-87-6	93
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

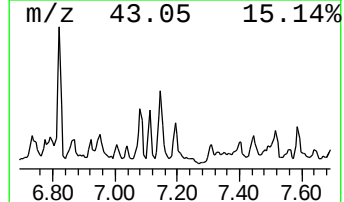
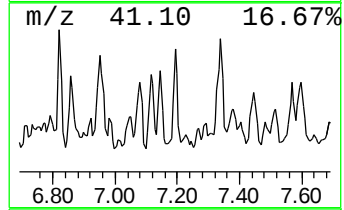
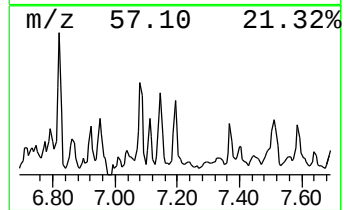
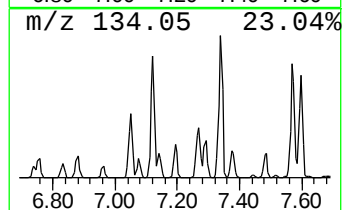
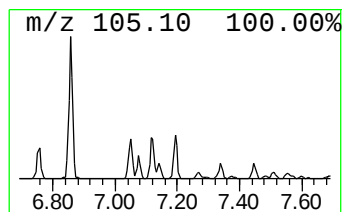
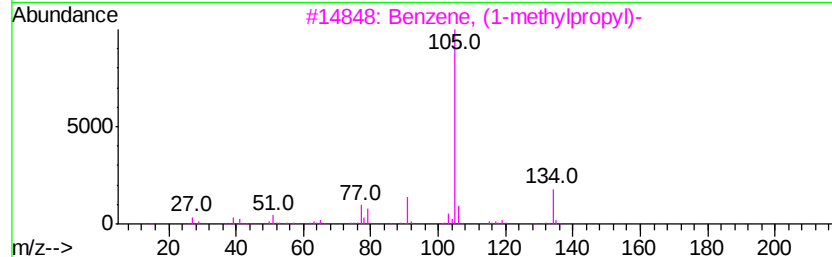
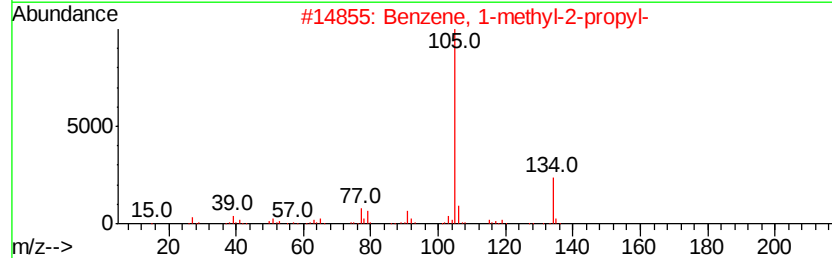
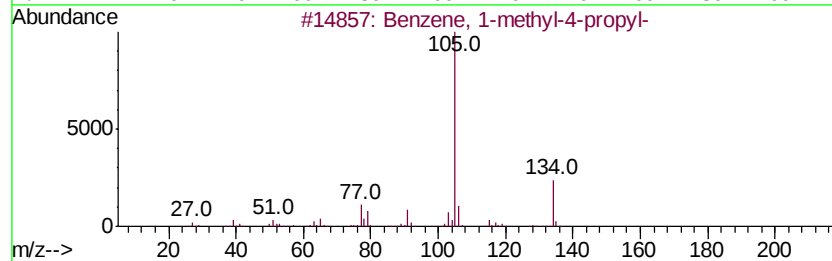
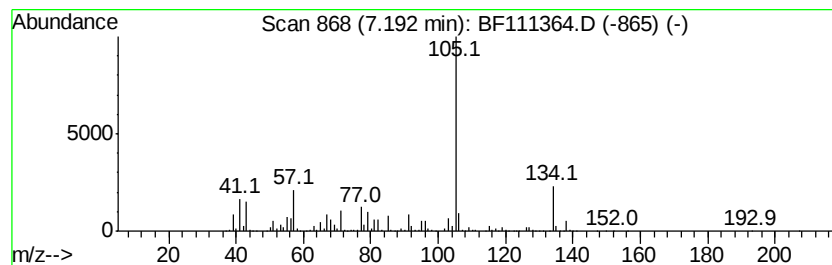
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	33.02 ng	1746190	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111364.D
Acq On : 13 Dec 2018 12:12
Operator : JU/SJ
Sample : J6334-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-121018

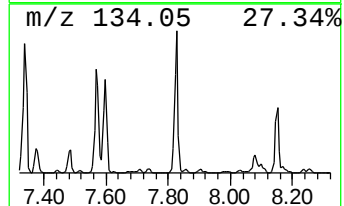
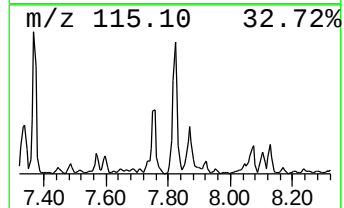
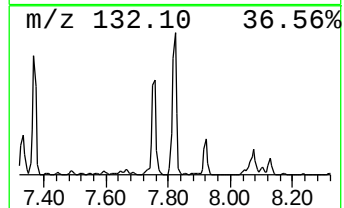
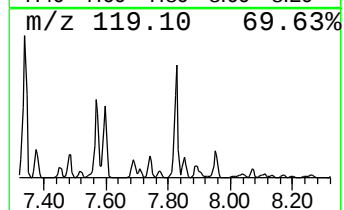
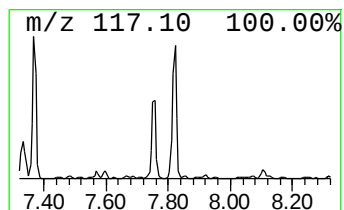
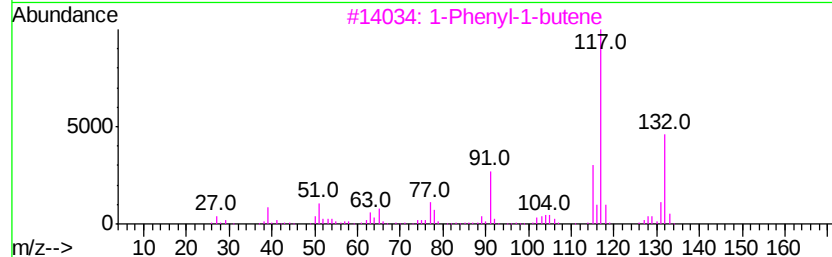
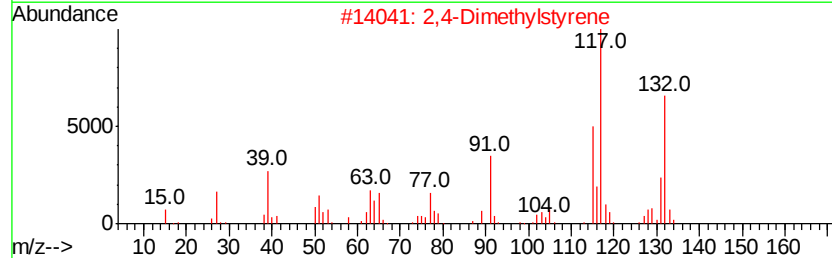
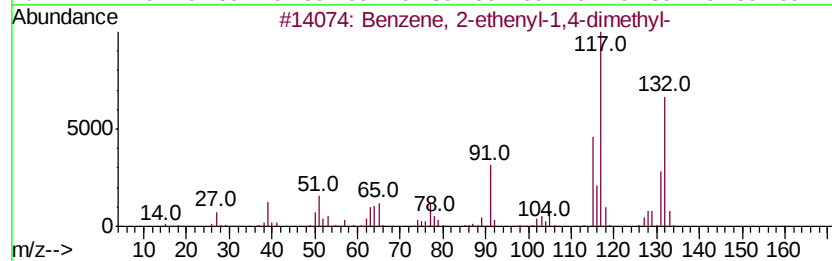
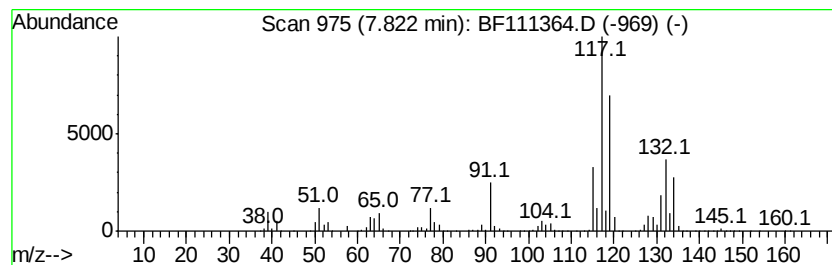
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	44.01 ng	8586900	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111364.D
 Acq On : 13 Dec 2018 12:12
 Operator : JU/SJ
 Sample : J6334-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-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
Cyclohexane, methyl-	2.86	51.3	ng	2710550	1	6.79	1057760	20.0
Di-sec-butyl ether	4.30	25.3	ng	1335580	1	6.79	1057760	20.0
Cyclohexane, 1,2-...	4.43	26.7	ng	1412850	1	6.79	1057760	20.0
Cyclohexane, ethyl-	4.95	33.0	ng	1744530	1	6.79	1057760	20.0
Benzene, (1-methy...	5.96	74.8	ng	3954350	1	6.79	1057760	20.0
Octane, 2,6-dimet...	6.05	30.1	ng	1593980	1	6.79	1057760	20.0
Benzene, propyl-	6.26	72.9	ng	3853370	1	6.79	1057760	20.0
Cyclohexane, 1,2,...	6.33	26.7	ng	1411210	1	6.79	1057760	20.0
Benzene, 1-ethyl-...	6.36	48.0	ng	2535920	1	6.79	1057760	20.0
unknown6.57	6.57	107.0	ng	5660780	1	6.79	1057760	20.0
Benzene, 1,2,3-tr...	6.63	134.8	ng	7127960	1	6.79	1057760	20.0
Benzene, 1,2,4-tr...	6.86	82.0	ng	4339330	1	6.79	1057760	20.0
Indane	6.98	99.7	ng	5274680	1	6.79	1057760	20.0
Benzene, 1,3-diet...	7.05	37.0	ng	1958060	1	6.79	1057760	20.0
Benzene, 1,4-diet...	7.12	73.0	ng	3863480	1	6.79	1057760	20.0
Benzene, 1-methyl...	7.19	33.0	ng	1746190	1	6.79	1057760	20.0
Benzene, 2-etheny...	7.82	44.0	ng	8586900	2	8.08	3901830	20.0