

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090517.D
 Acq On : 11 Oct 2016 22:13
 Operator : UM/SJ
 Sample : H5146-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0620

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:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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	4.531	189	192	194	rBV	959624	1070429	2.75%	0.387%
2	5.137	243	245	249	rVB	455337	565954	1.45%	0.204%
3	5.434	267	271	273	rBV	6927028	8506573	21.84%	3.073%
4	5.560	278	282	284	rBV2	5088538	7477400	19.20%	2.701%
5	5.994	315	320	324	rVB3	603329	1011414	2.60%	0.365%
6	6.120	329	331	332	rBV	453261	416677	1.07%	0.151%
7	6.280	342	345	347	rBV2	331575	584583	1.50%	0.211%
8	6.406	355	356	358	rVB	428732	394011	1.01%	0.142%
9	6.474	358	362	364	rBV2	1260181	1637102	4.20%	0.591%
10	6.554	367	369	370	rBV	989656	890602	2.29%	0.322%
11	6.589	370	372	375	rVB	1488141	2072014	5.32%	0.748%
12	6.634	375	376	380	rVB2	813423	1251646	3.21%	0.452%
13	6.726	381	384	386	rBV	4612357	4818746	12.37%	1.741%
14	6.783	386	389	391	rBV	1563371	2106132	5.41%	0.761%
15	6.909	398	400	401	rBV	369746	470799	1.21%	0.170%
16	6.955	401	404	405	rBV2	1603313	1834561	4.71%	0.663%
17	6.989	405	407	408	rVB	354075	481199	1.24%	0.174%
18	7.012	408	409	413	rVB3	612801	668996	1.72%	0.242%
19	7.115	413	418	419	rBV	4194039	5518742	14.17%	1.994%
20	7.137	419	420	424	rVB3	1512987	2165961	5.56%	0.782%
21	7.286	430	433	436	rBV2	1072867	1620075	4.16%	0.585%
22	7.355	436	439	441	rVB2	763364	1131190	2.90%	0.409%
23	7.412	441	444	446	rBV3	391739	994970	2.55%	0.359%
24	7.469	446	449	450	rBV2	1242128	1819172	4.67%	0.657%
25	7.515	450	453	455	rVV	2726639	4572921	11.74%	1.652%
26	7.686	459	468	469	rVV2	3046137	15200961	39.03%	5.491%
27	7.755	469	474	475	rVV2	1763580	4961386	12.74%	1.792%
28	7.789	475	477	480	rVV4	2124000	5364285	13.77%	1.938%
29	7.846	480	482	484	rVB3	2226562	3809153	9.78%	1.376%
30	7.903	484	487	488	rBV	2125375	2999783	7.70%	1.084%
31	8.006	490	496	499	rVB4	3532662	13494702	34.65%	4.875%
32	8.075	499	502	504	rBV3	552734	1346539	3.46%	0.486%
33	8.109	504	505	509	rVB3	2193979	2454884	6.30%	0.887%
34	8.166	509	510	512	rBV2	620255	923584	2.37%	0.334%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090517.D
 Acq On : 11 Oct 2016 22:13
 Operator : UM/SJ
 Sample : H5146-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0620

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:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.200	512	513	515	rVB2	418049	525206	1.35%	0.190%
36	8.269	515	519	520	rBV2	5029918	7347599	18.86%	2.654%
37	8.303	520	522	524	rVB2	1509621	2083245	5.35%	0.753%
38	8.349	524	526	527	rBV	469863	878067	2.25%	0.317%
39	8.452	530	535	537	rBV4	1148188	3234771	8.31%	1.169%
40	8.498	537	539	540	rBV2	1391207	1999921	5.13%	0.722%
41	8.532	540	542	545	rVV4	1036865	2267024	5.82%	0.819%
42	8.623	545	550	553	rVV5	2061401	7295927	18.73%	2.636%
43	8.806	553	566	571	rVV8	4717682	38948442	100.00%	14.070%
44	8.920	571	576	579	rVV5	3601148	14493183	37.21%	5.236%
45	8.989	579	582	583	rVV	3682411	6005313	15.42%	2.169%
46	9.035	583	586	590	rVV5	4413296	13036301	33.47%	4.709%
47	9.092	590	591	595	rVB3	1632921	2942836	7.56%	1.063%
48	9.149	595	596	599	rBV3	505778	1082905	2.78%	0.391%
49	9.195	599	600	602	rBV2	999403	899105	2.31%	0.325%
50	9.240	602	604	606	rVV3	828280	1864580	4.79%	0.674%
51	9.275	606	607	608	rVV	1550875	1271021	3.26%	0.459%
52	9.320	608	611	616	rVB2	4393724	9565992	24.56%	3.456%
53	9.423	618	620	624	rVB4	1286865	2698103	6.93%	0.975%
54	9.492	624	626	628	rBV2	1137754	1861675	4.78%	0.673%
55	9.538	628	630	632	rBV3	1418187	1796884	4.61%	0.649%
56	9.583	632	634	635	rVB	671481	840144	2.16%	0.303%
57	9.686	640	643	646	rBV5	1228760	2767386	7.11%	1.000%
58	9.823	653	655	657	rVB2	1831173	2446838	6.28%	0.884%
59	9.858	657	658	660	rVB2	964195	1281318	3.29%	0.463%
60	9.903	660	662	665	rBV3	1352357	2059992	5.29%	0.744%
61	9.961	665	667	669	rVB2	929920	1396824	3.59%	0.505%
62	10.006	669	671	673	rBV	3800168	4429523	11.37%	1.600%
63	10.098	677	679	680	rVB	785959	961781	2.47%	0.347%
64	10.132	680	682	684	rBV2	937372	1714650	4.40%	0.619%
65	10.281	693	695	698	rVB3	627633	1060747	2.72%	0.383%
66	10.349	698	701	702	rBV3	1318567	2545475	6.54%	0.920%
67	10.395	702	705	706	rVV2	1489296	2858627	7.34%	1.033%
68	10.498	712	714	716	rBV2	1131055	1489147	3.82%	0.538%
69	10.658	726	728	729	rVB	756596	653700	1.68%	0.236%
70	10.692	729	731	734	rVB2	885283	1572944	4.04%	0.568%
71	10.761	734	737	739	rBV3	662822	1457609	3.74%	0.527%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.806	739	741	744	rVB2	2786260	4133836	10.61%	1.493%
73	10.875	745	747	750	rVB4	897624	1642793	4.22%	0.593%
74	10.966	753	755	757	rVB2	869145	990375	2.54%	0.358%
75	11.012	757	759	760	rBV	676272	1058774	2.72%	0.382%
76	11.161	770	772	773	rBV	580272	595374	1.53%	0.215%
77	11.389	791	792	794	rVB	830221	682552	1.75%	0.247%
78	11.504	799	802	804	rVB	1388814	1937695	4.98%	0.700%
79	11.846	830	832	834	rVB	804748	902377	2.32%	0.326%
80	13.081	938	940	943	rVB	4773945	4546467	11.67%	1.642%
81	13.869	1007	1009	1012	rVB	416820	422635	1.09%	0.153%
82	14.132	1030	1032	1035	rVB	1497609	1345123	3.45%	0.486%
83	14.761	1085	1087	1111	rVB	269271	1193552	3.06%	0.431%
84	15.607	1159	1161	1164	rVB	730124	1101293	2.83%	0.398%

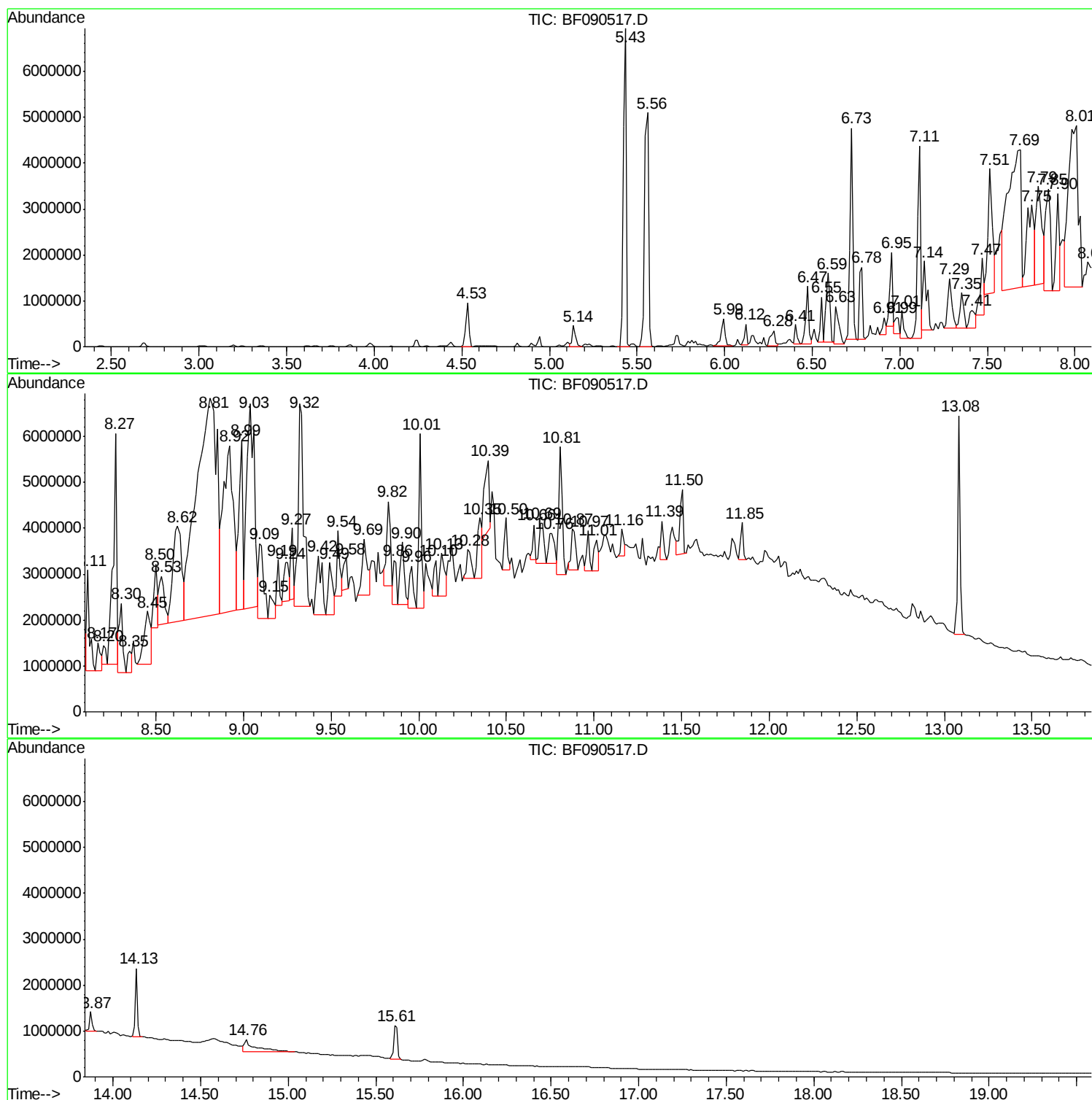
Sum of corrected areas: 276824797

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S8-0620

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

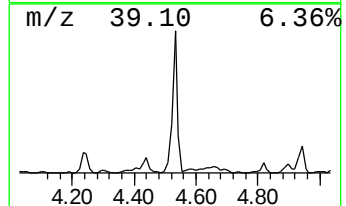
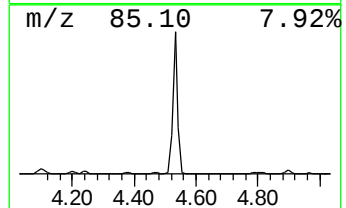
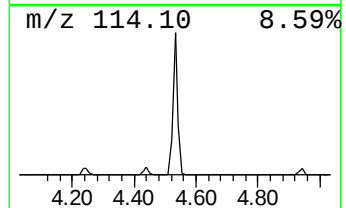
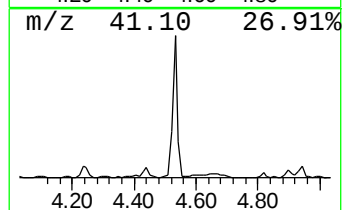
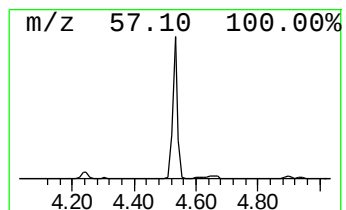
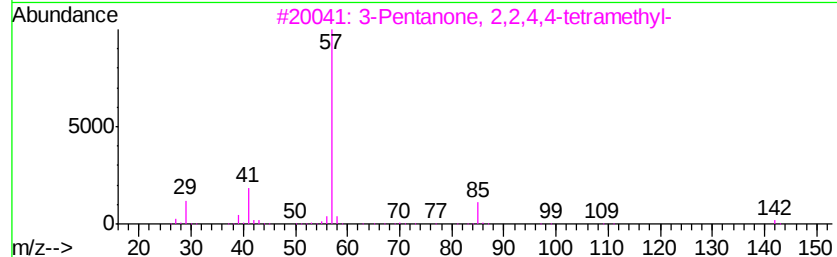
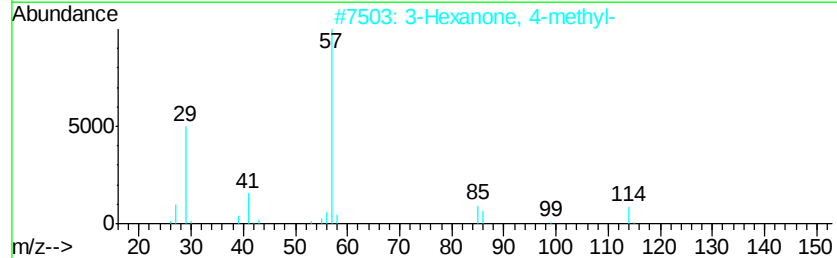
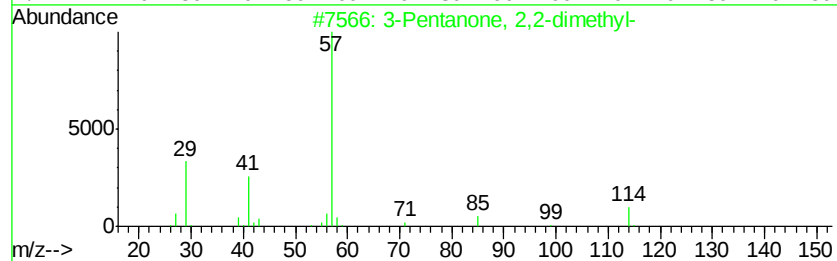
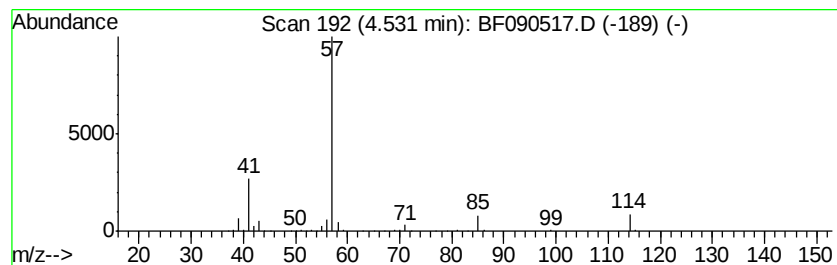
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Pentanone, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	11.67 ng	1070430	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	91
2		3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	64
3		3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	45
4		3,4-Hexanedione	114	C6H10O2	004437-51-8	38
5		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

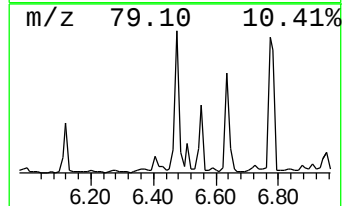
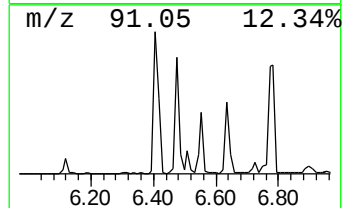
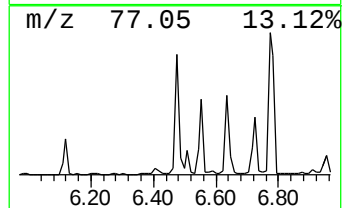
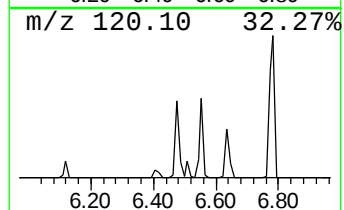
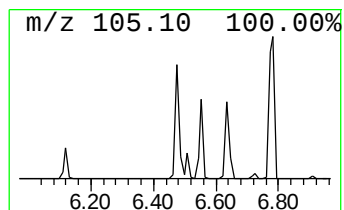
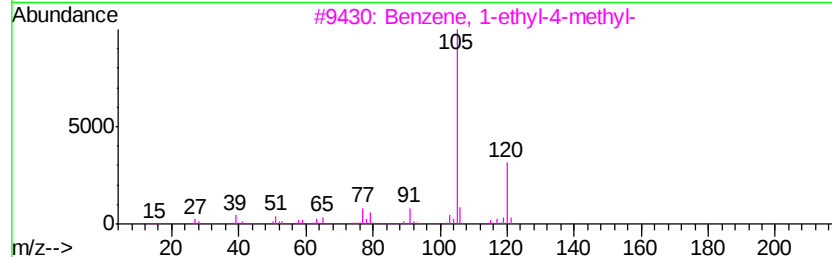
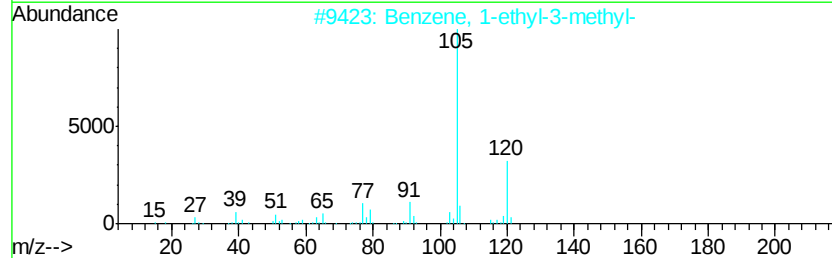
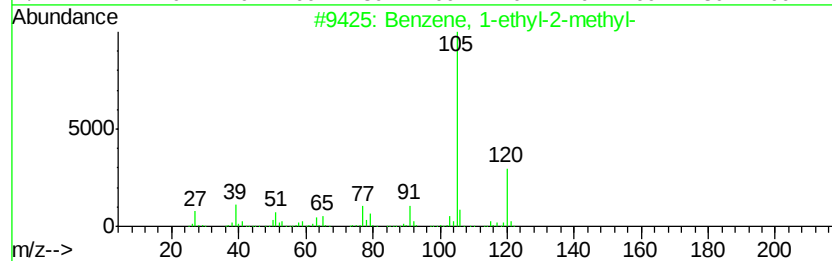
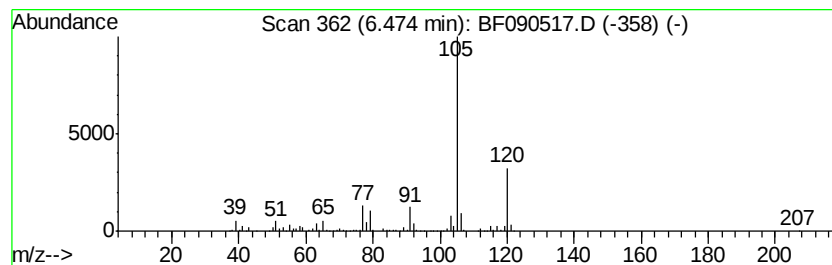
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	17.85 ng	1637100	1,4-Dichlorobenzene-d4	6.95

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	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

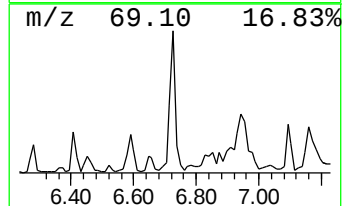
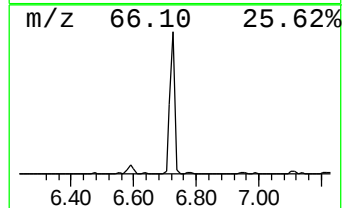
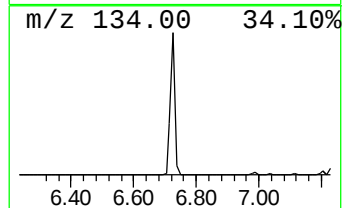
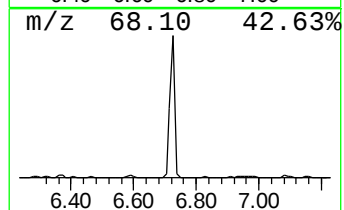
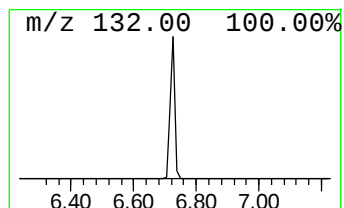
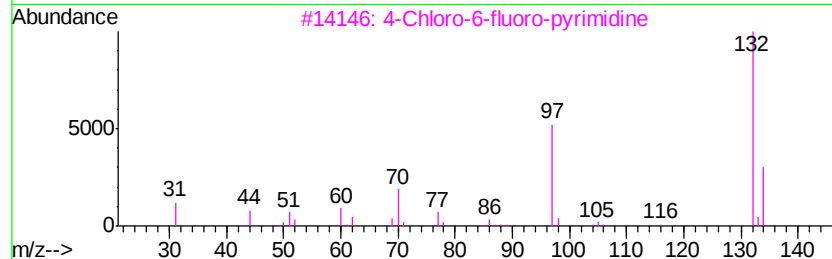
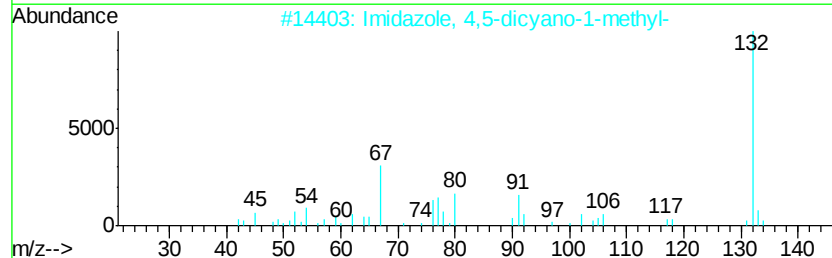
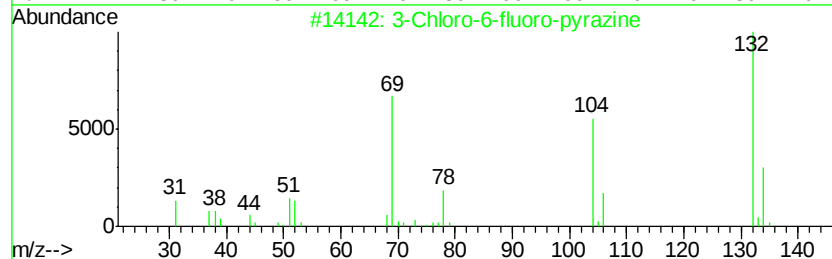
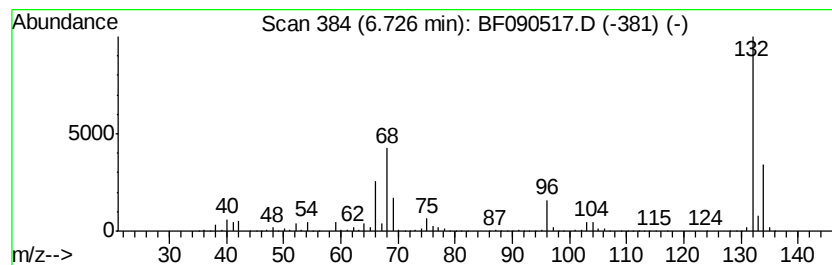
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	52.53 ng	4818750	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	14
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

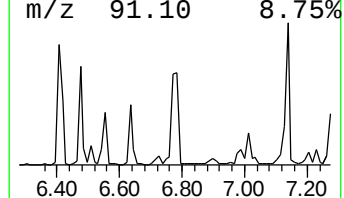
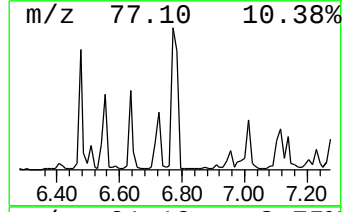
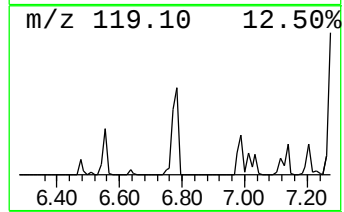
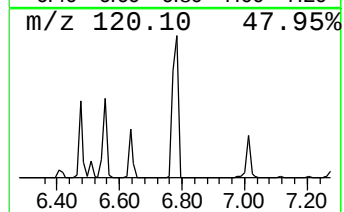
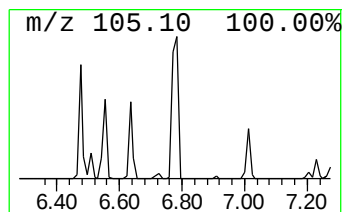
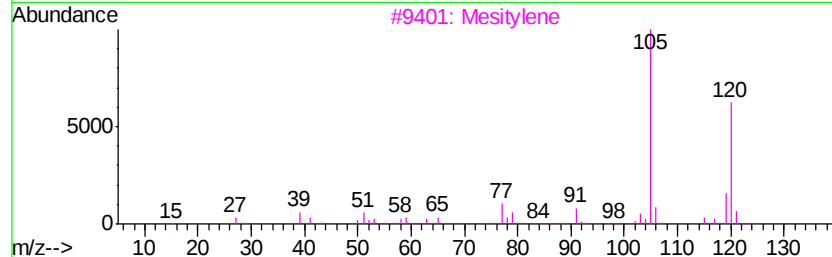
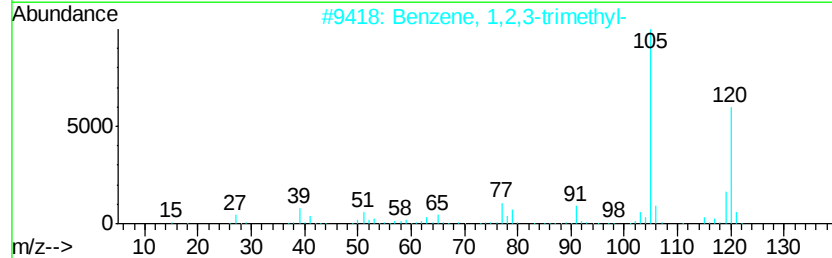
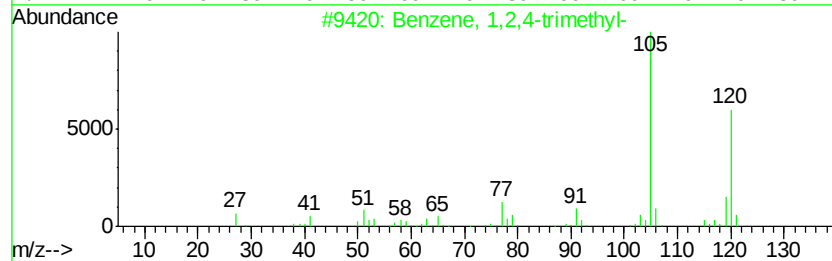
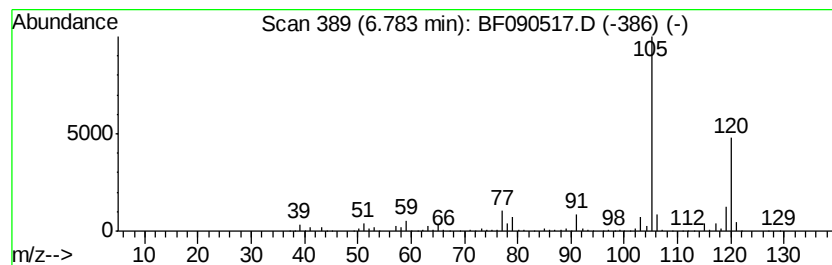
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	22.96 ng	2106130	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

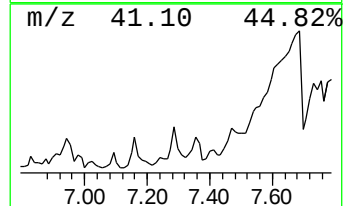
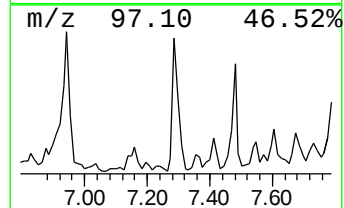
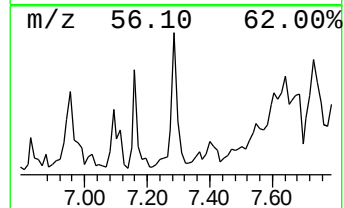
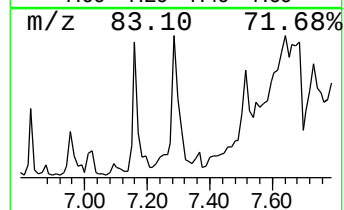
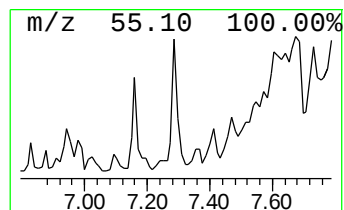
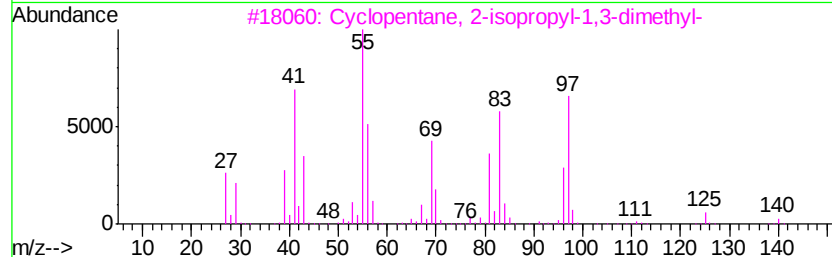
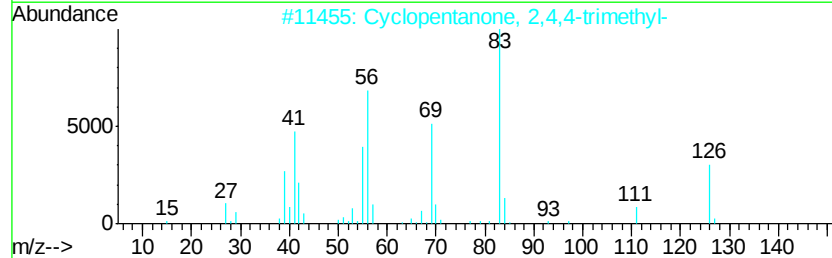
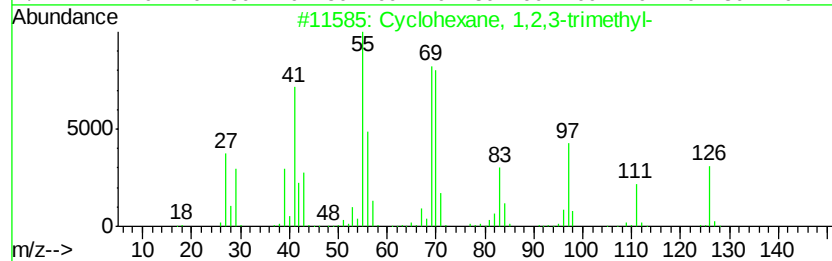
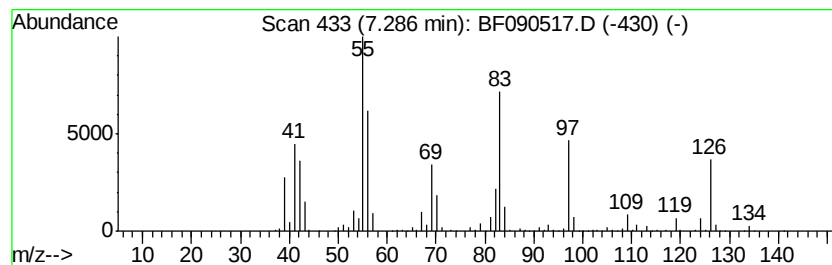
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	17.66 ng	1620080	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2		Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	60
3		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	47
4		2-Nonene, (E)-	126	C9H18	006434-78-2	47
5		Lomustine	233	C9H16ClN3O2	013010-47-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

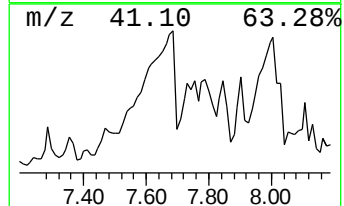
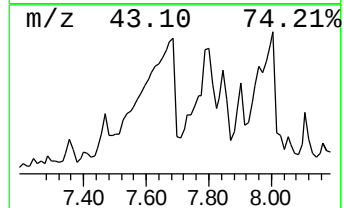
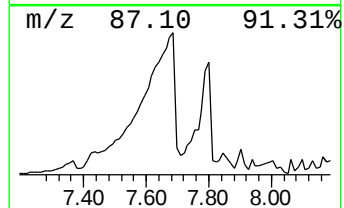
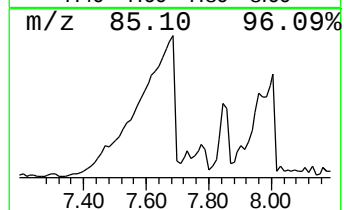
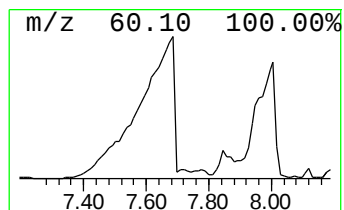
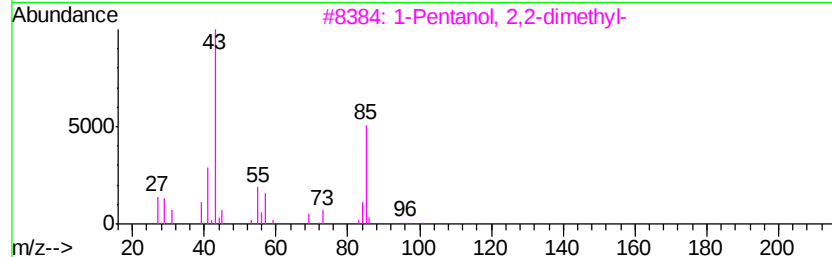
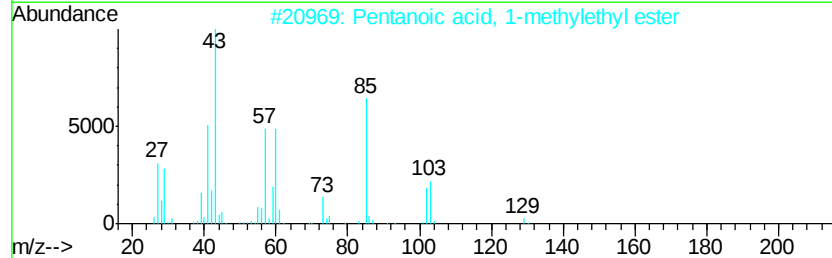
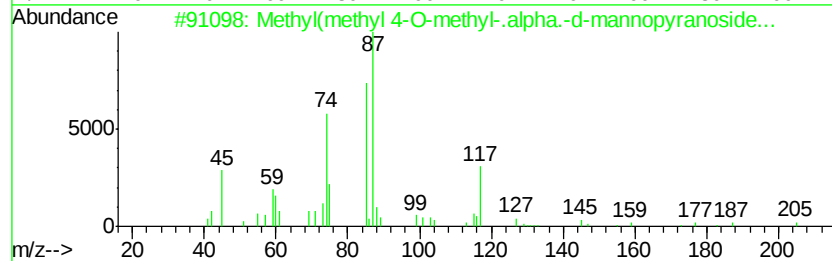
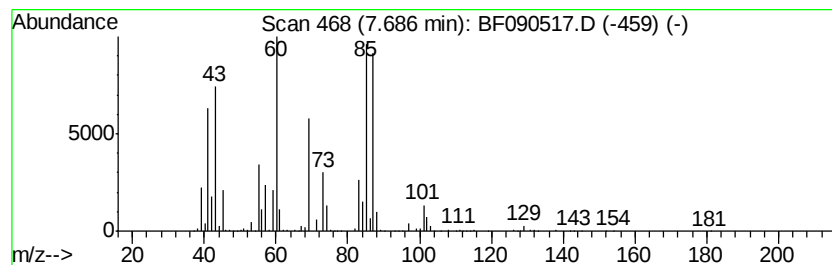
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.69 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	41.38 ng	15201000	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl(methyl 4-O-methyl-.alpha....	236	C9H16O7	024916-47-0	47
2		Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	35
3		1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	14
4		1,3-Dioxolane-2-acetic acid, 2-m...	146	C6H10O4	005735-97-7	14
5		Sulfurous acid, isohexyl 2-propy...	208	C9H20O3S	1000309-11-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

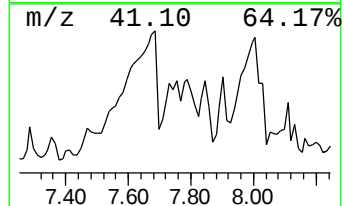
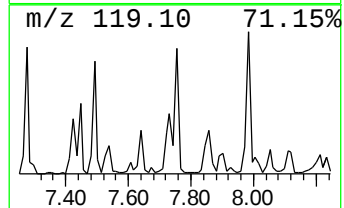
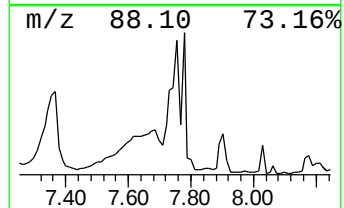
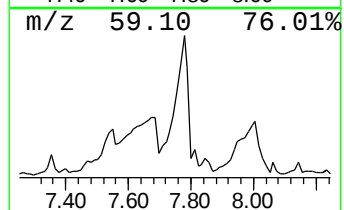
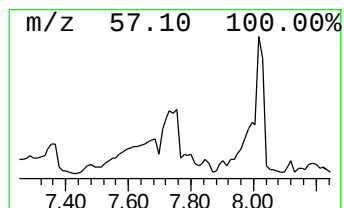
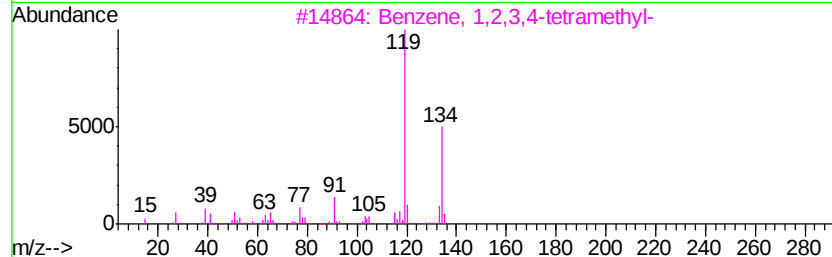
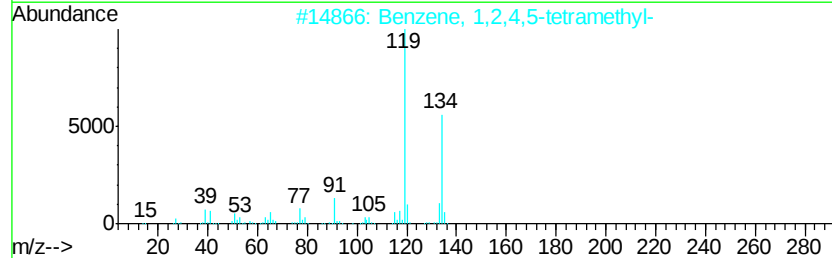
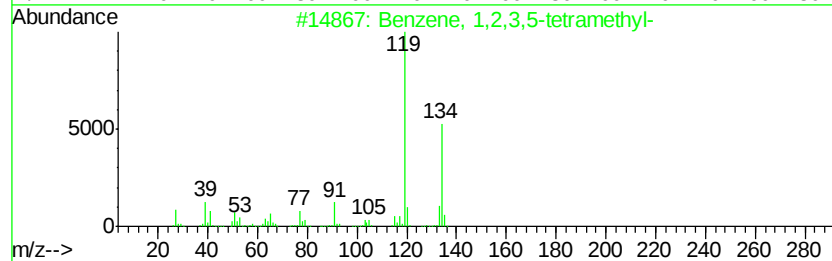
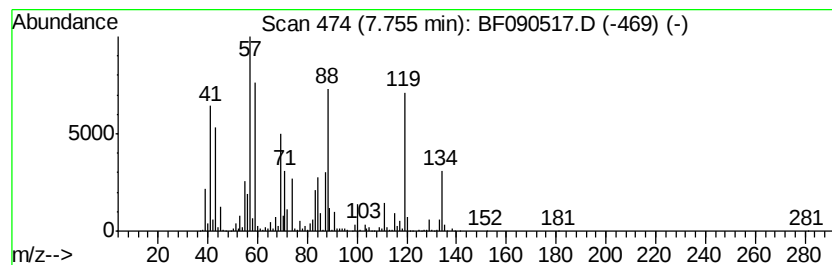
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	13.50 ng	4961390	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	56
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53
4		Methyl L-(+)-.beta.-hydroxvisobu...	118	C5H10O3	080657-57-4	35
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

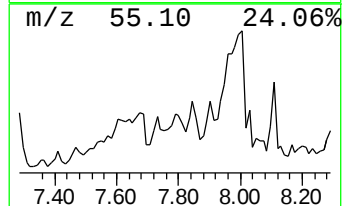
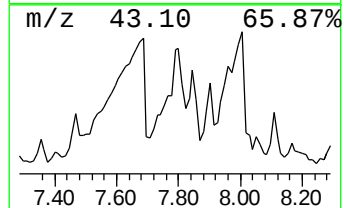
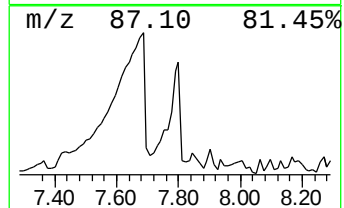
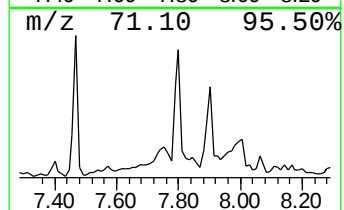
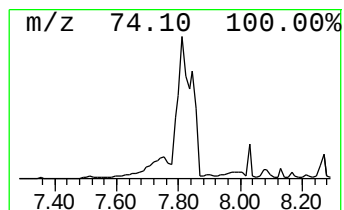
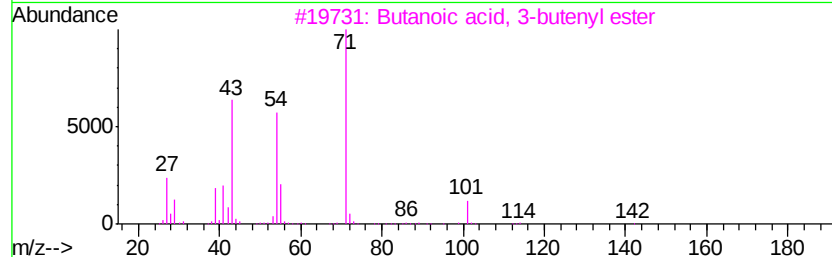
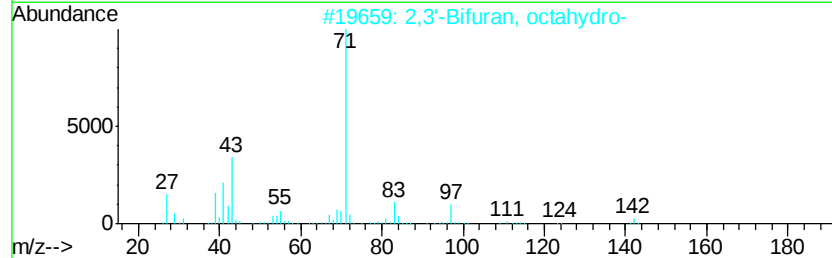
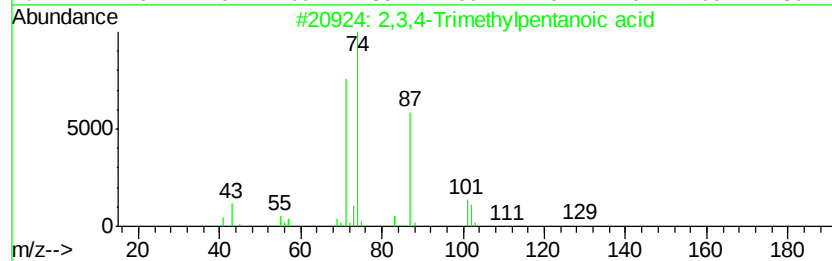
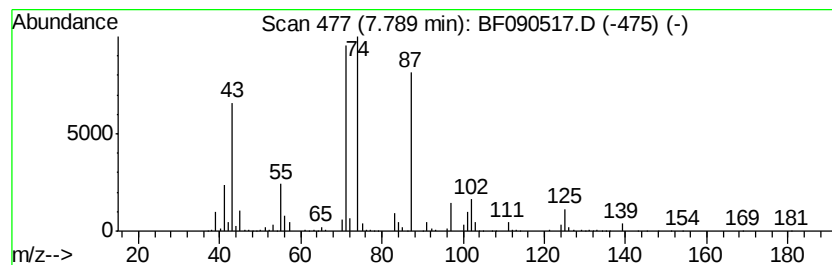
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,3,4-Trimethylpentanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	14.60 ng	5364290	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	56
2		2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	14
3		Butanoic acid, 3-butenyl ester	142	C8H14O2	021698-32-8	10
4		1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	10
5		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

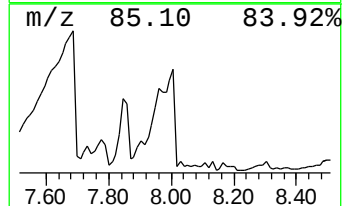
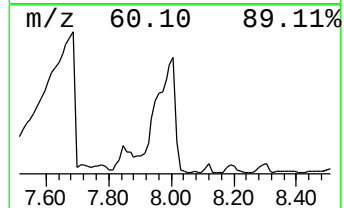
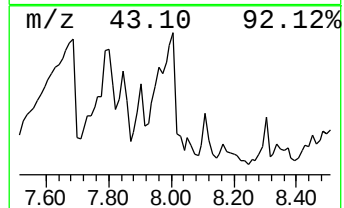
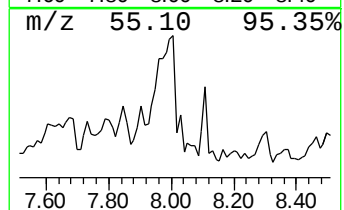
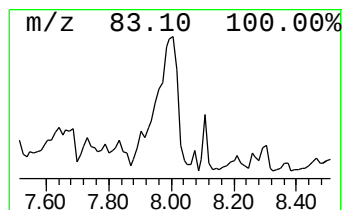
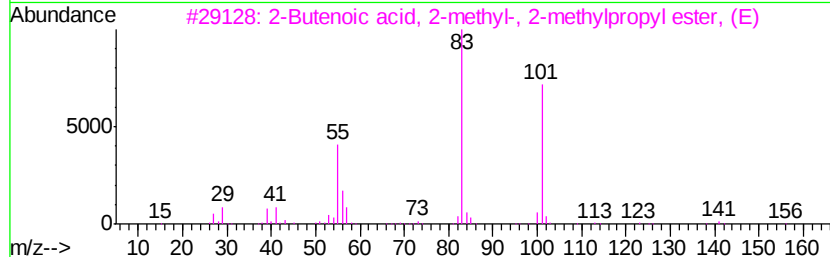
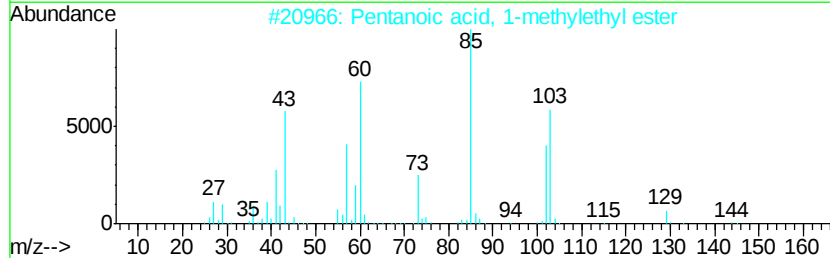
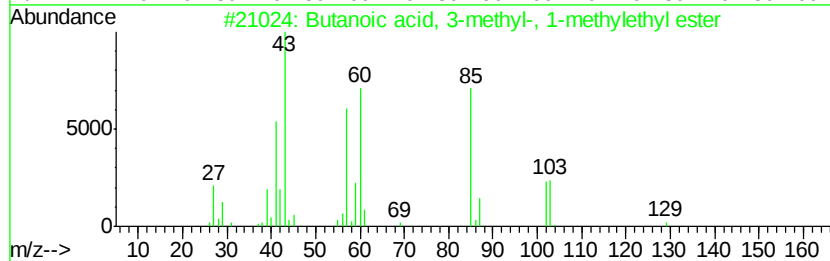
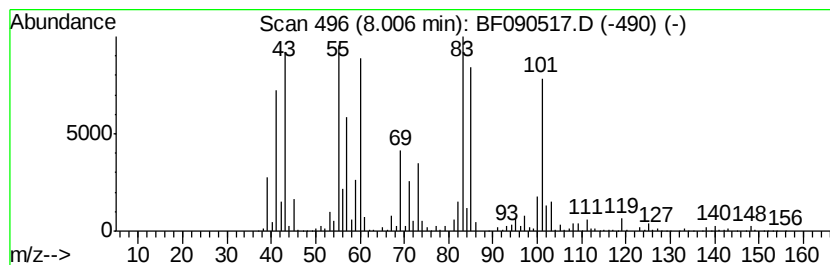
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	36.73 ng	13494700	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	43
2		Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	43
3		2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	38
4		Tridecyl (E)-2-methylbut-2-enoate	282	C18H34O2	1000373-71-8	35
5		3-Methyl-2-butenic acid, octade...	352	C23H44O2	202659-50-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

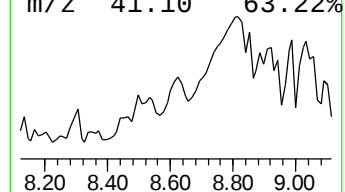
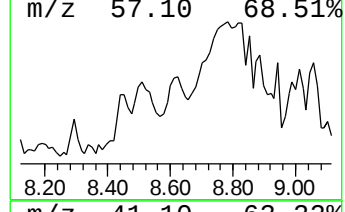
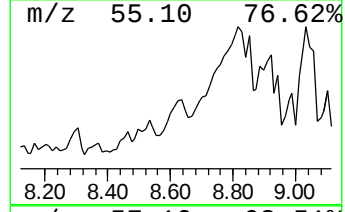
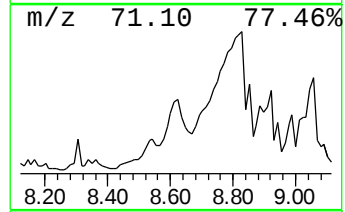
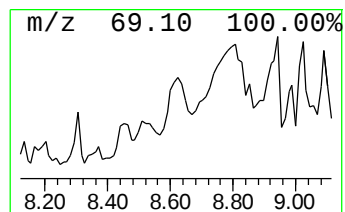
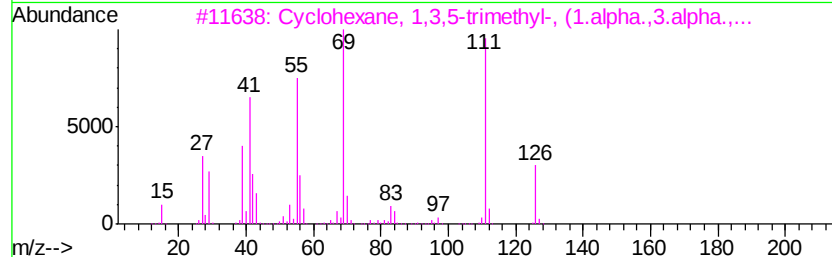
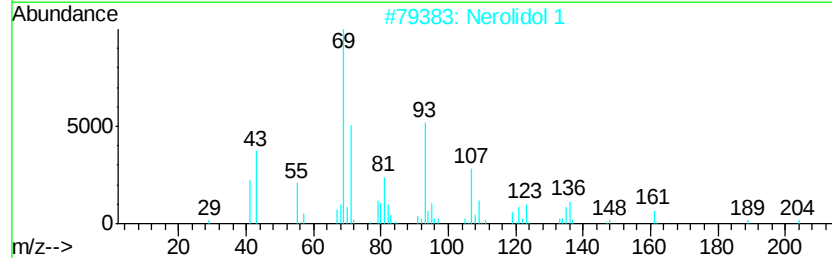
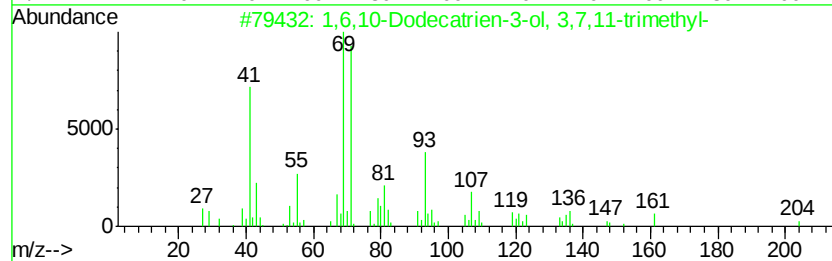
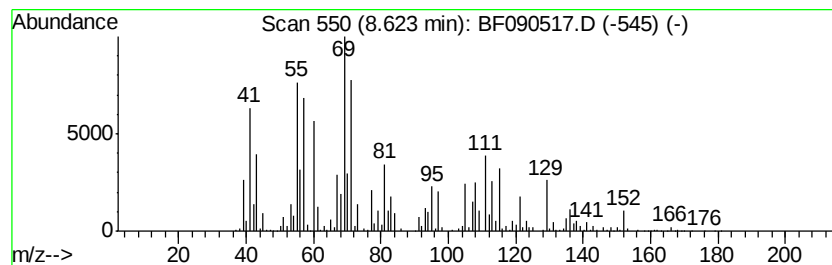
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	19.86 ng	7295930	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	007212-44-4	25		
2	Nerolidol 1	222	C15H26O	1000285-43-5	22		
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	22		
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	22		
5	Cyclooctyl bromide	190	C8H15Br	001556-09-8	22		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

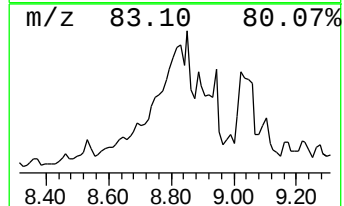
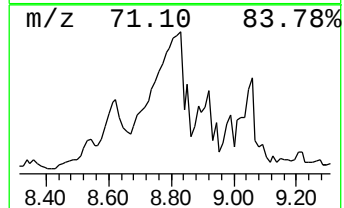
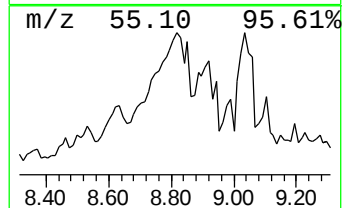
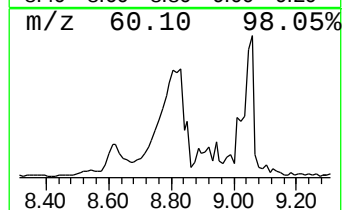
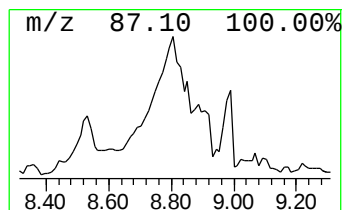
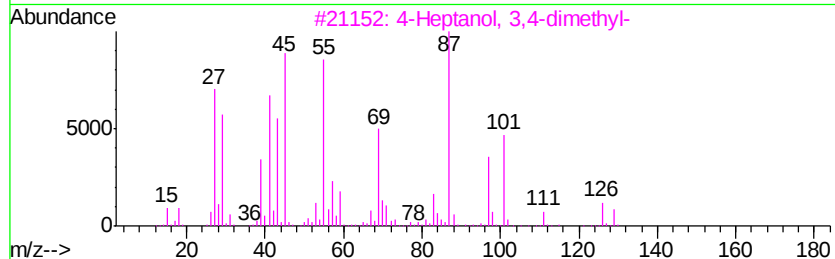
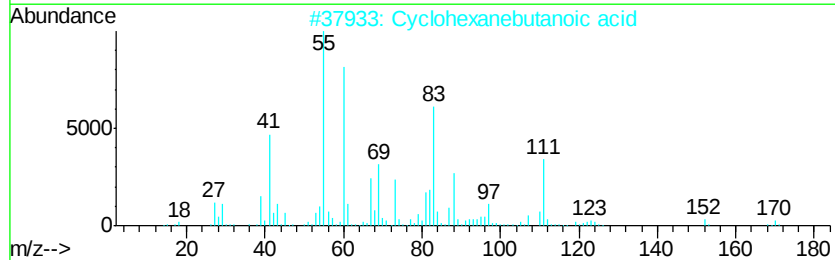
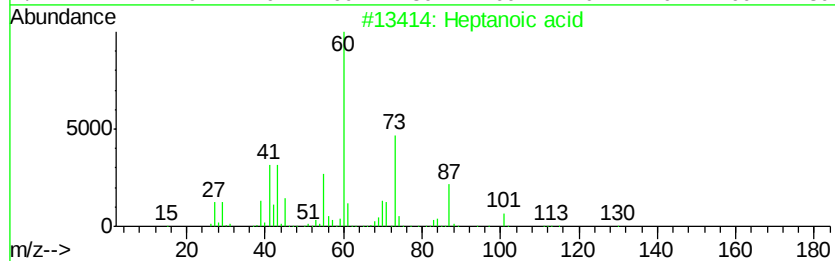
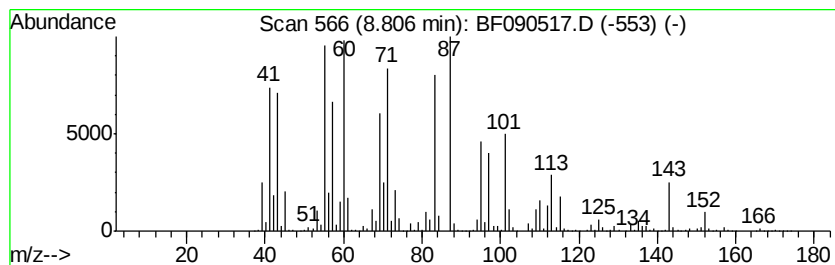
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	106.02 ng	38948400	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid	130	C7H14O2	000111-14-8	35
2		Cyclohexanebutanoic acid	170	C10H18O2	004441-63-8	22
3		4-Heptanol, 3,4-dimethyl-	144	C9H20O	005406-10-0	22
4		5-Tridecanol	200	C13H28O	058783-82-7	22
5		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S8-0620

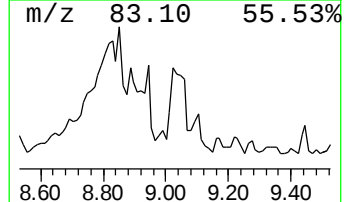
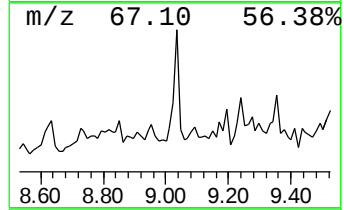
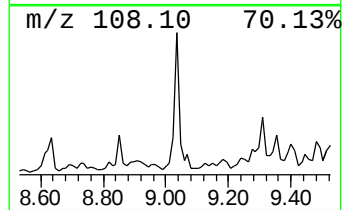
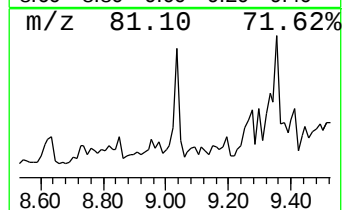
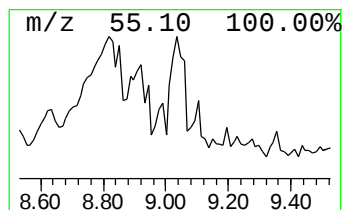
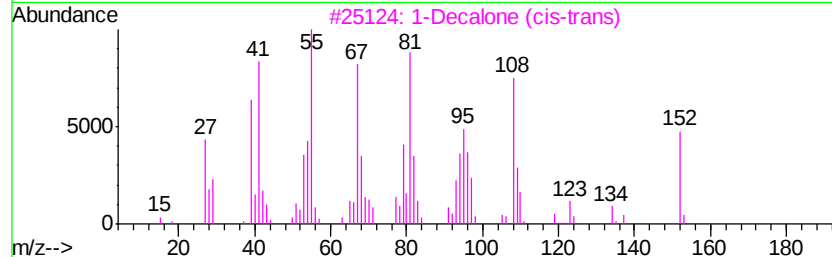
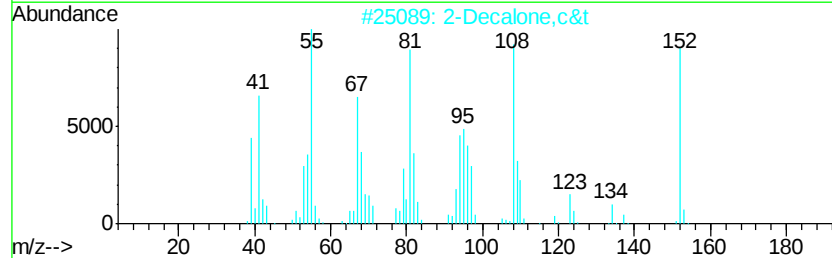
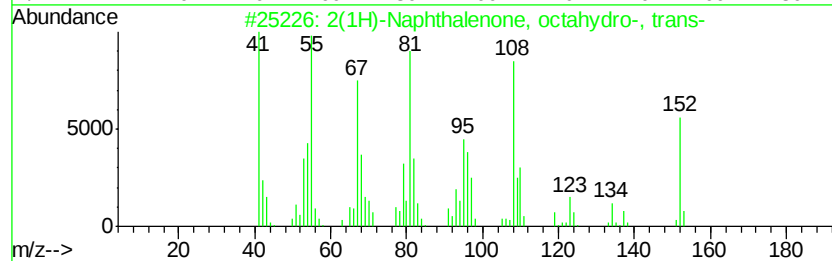
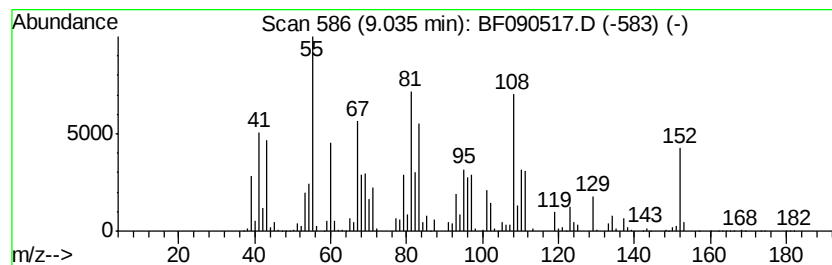
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2(1H)-Naphthalenone, octahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	35.48 ng	13036300	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, octahydro-, ...	152	C10H16O	016021-08-2	86
2			2-Decalone,c&t	152	C10H16O	004832-17-1	46
3			1-Decalone (cis-trans)	152	C10H16O	004832-16-0	38
4			Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	18
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

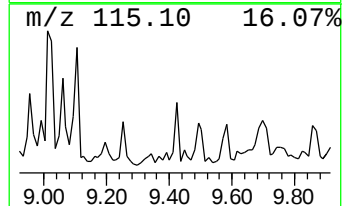
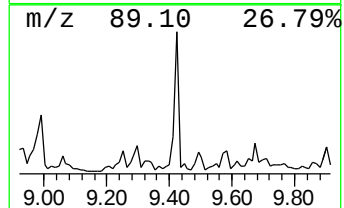
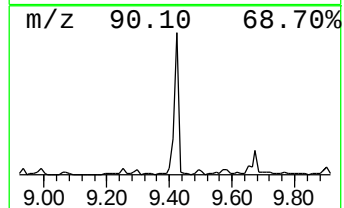
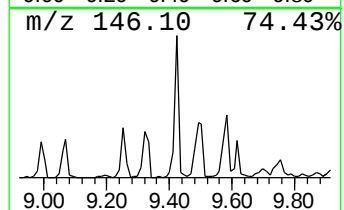
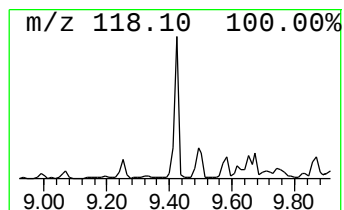
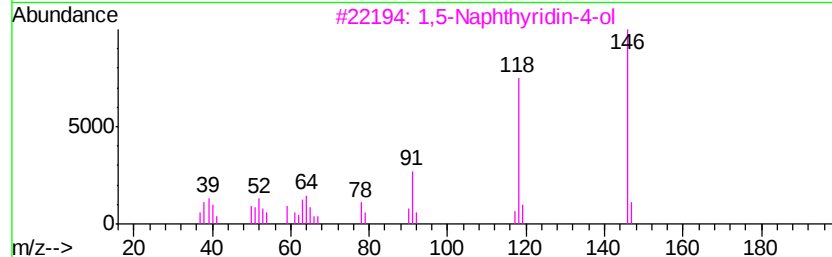
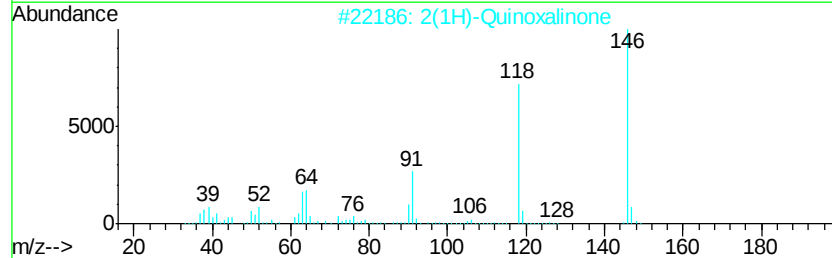
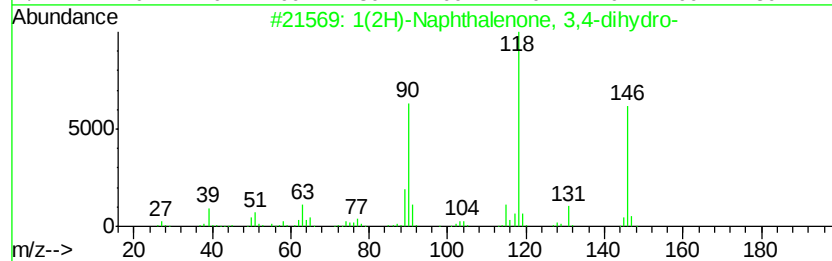
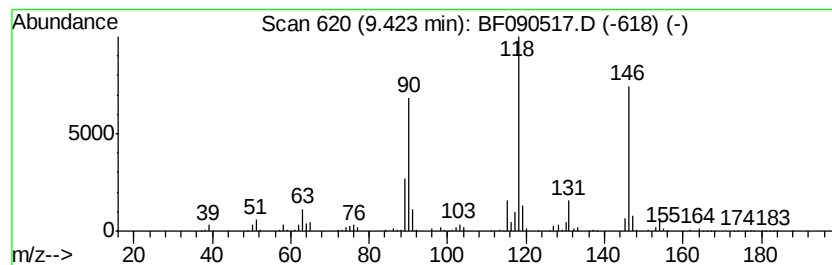
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	12.18 ng	2698100	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	96
2		2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	53
3		1,5-Naphthhyridin-4-ol	146	C8H6N2O	005423-54-1	53
4		3-Isocyanatoacetophenone	161	C9H7NO2	023138-64-9	50
5		Pyridine, 3-(3,4-dihydro-2H-pyrr...	146	C9H10N2	000532-12-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

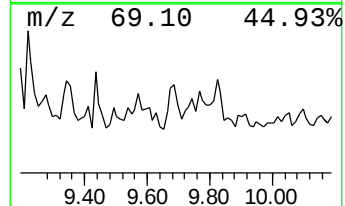
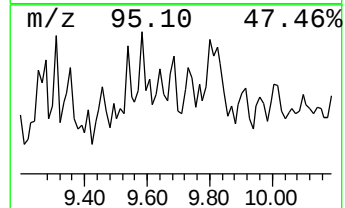
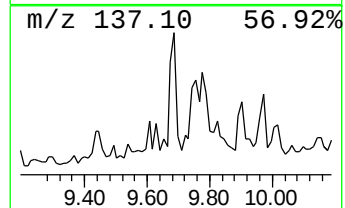
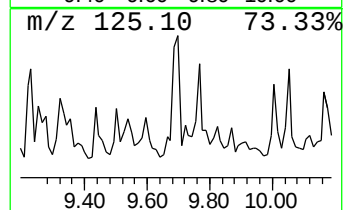
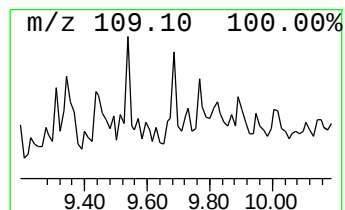
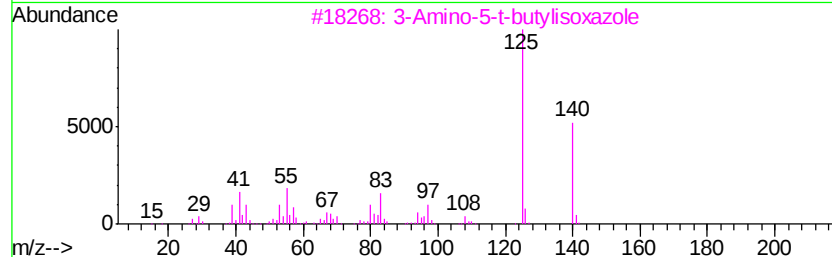
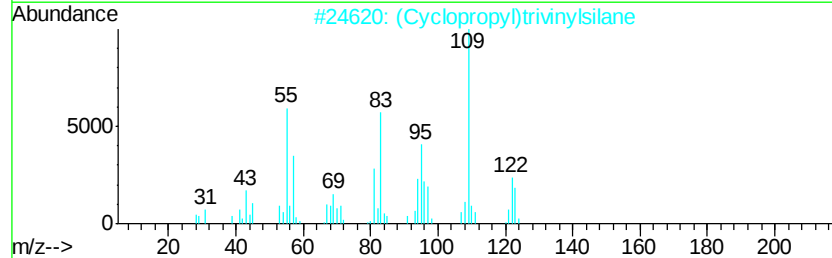
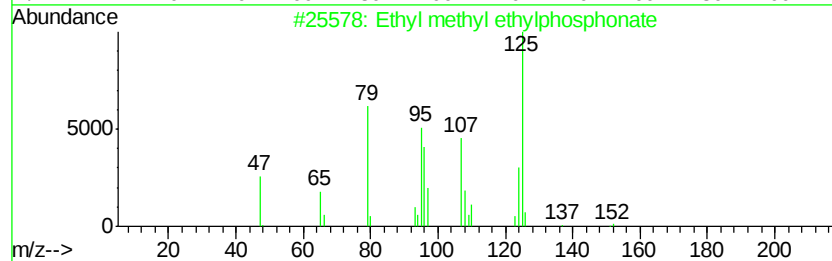
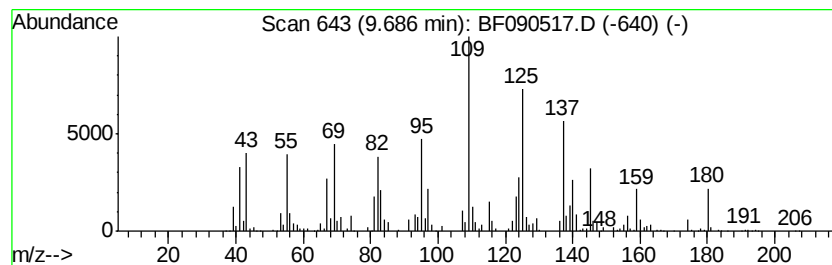
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.69 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	12.50 ng	2767390	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl methyl ethylphosphonate	152	C5H13O3P	005301-65-5	30
2		(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	22
3		3-Amino-5-t-butylisoxazole	140	C7H12N2O	055809-36-4	18
4		2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	14
5		Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

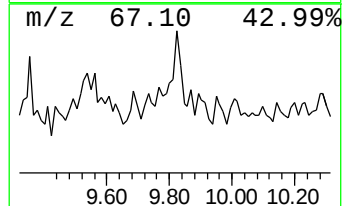
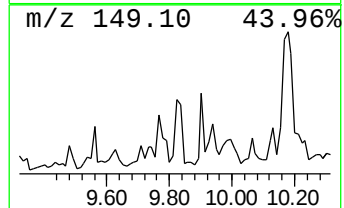
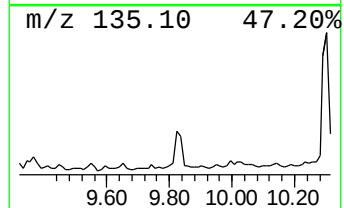
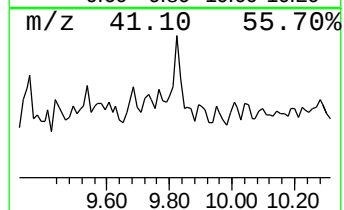
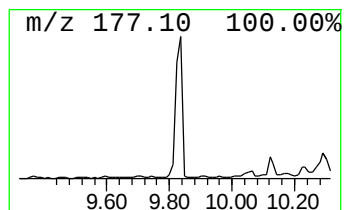
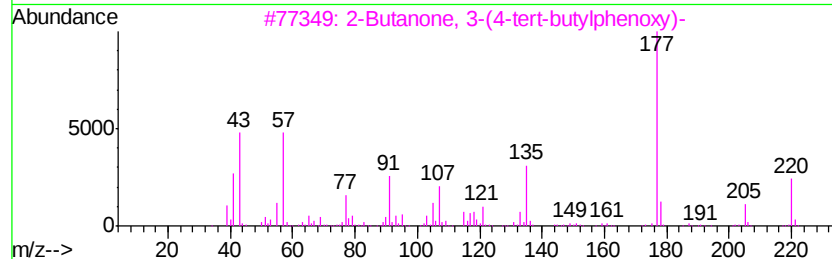
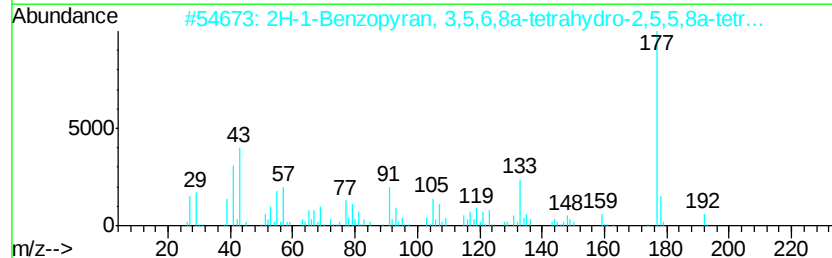
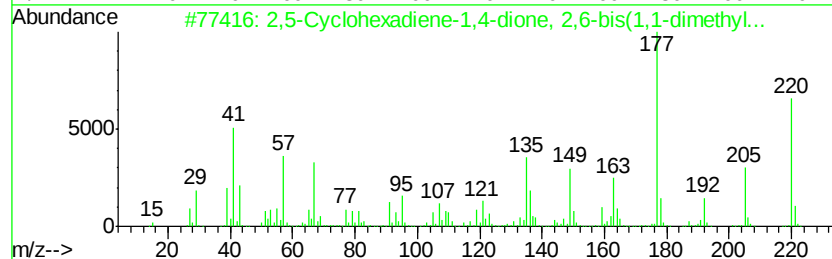
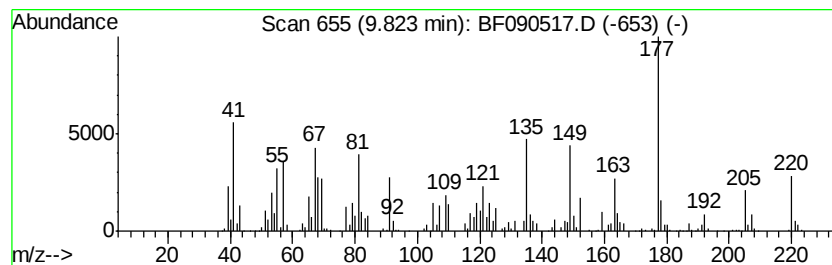
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	11.05 ng	2446840	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	94
2		2H-1-Benzopyran, 3,5,6,8a-tetra...	192	C13H20O	041678-29-9	64
3		2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	45
4		1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	43
5		trans-.beta.-Ionone	192	C13H20O	000079-77-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

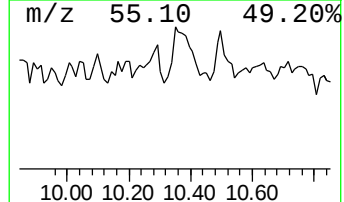
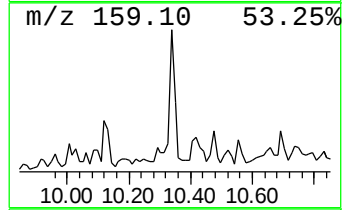
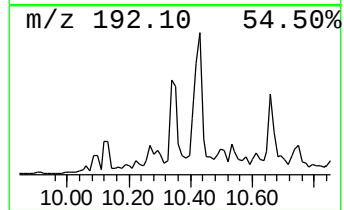
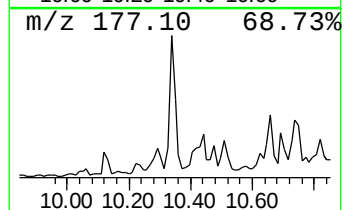
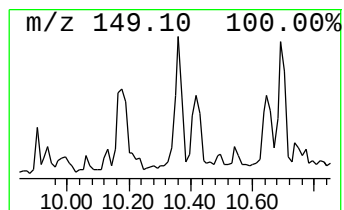
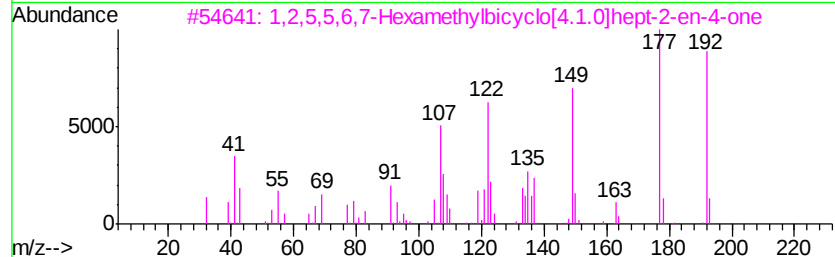
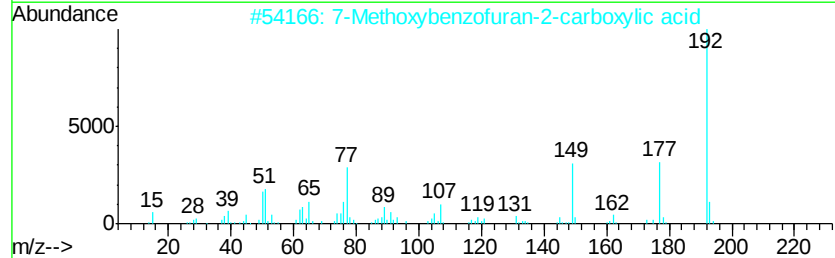
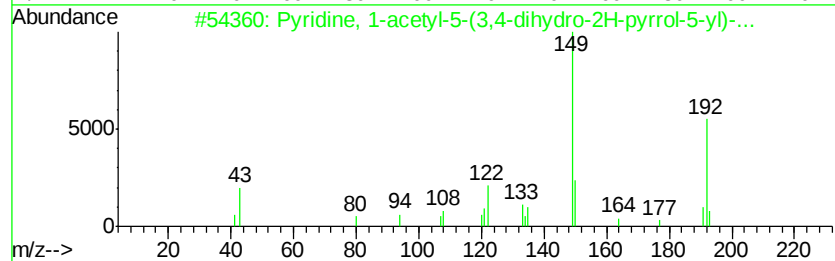
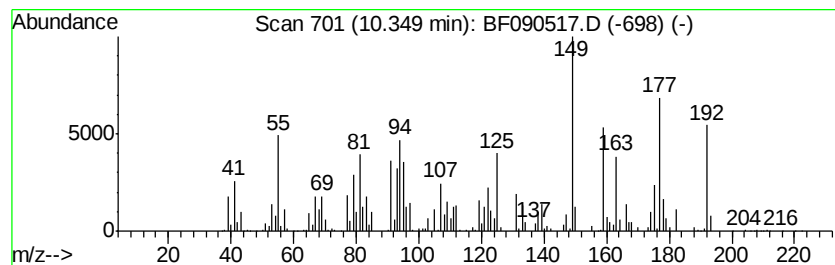
Instrument :
BNA_F
ClientSampleId :
S8-0620

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.35 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	11.49 ng	2545480	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyridine, 1-acetyl-5-(3,4-dihydr...	192 C11H16N2O	054966-57-3 42
2		7-Methoxybenzofuran-2-carboxylic...	192 C10H8O4	004790-79-8 35
3		1,2,5,5,6,7-Hexamethylbicyclo[4....	192 C13H20O	1000110-52-5 25
4		Benzenamine, 3-(1,2,3-thiadiazol...	177 C8H7N3S	1000338-19-6 22
5		Phthalic acid, ethyl 2-methylpen...	278 C16H22O4	1000356-90-5 14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

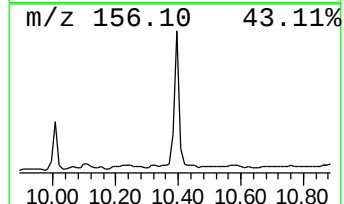
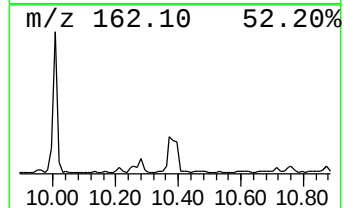
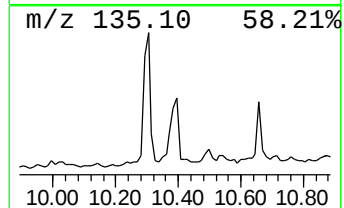
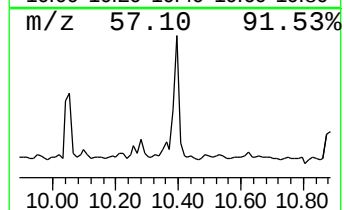
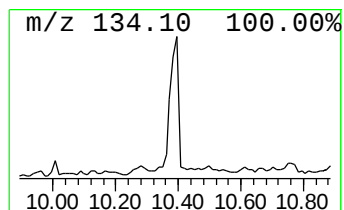
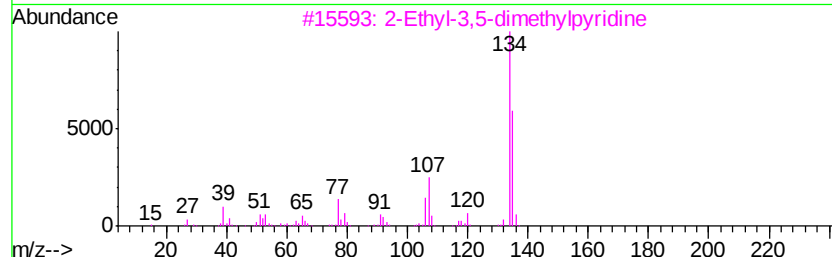
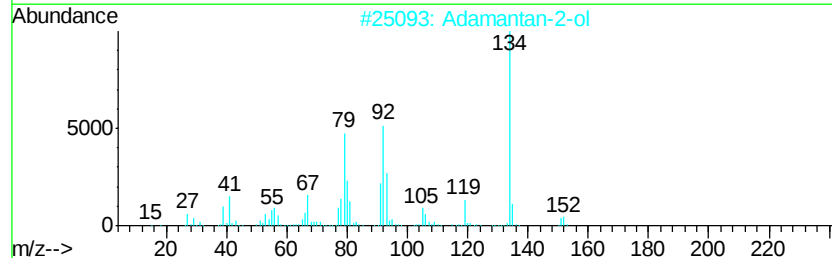
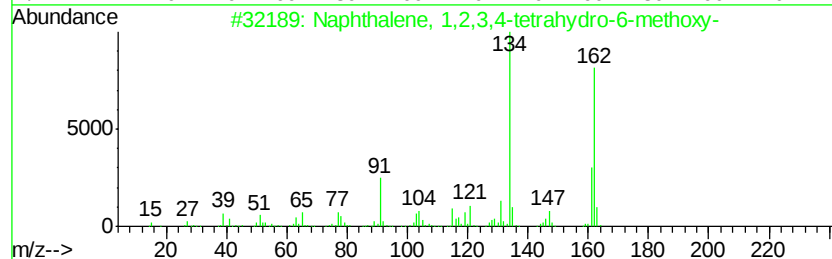
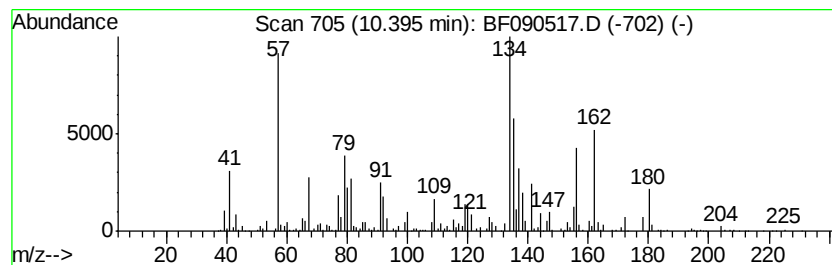
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	12.91 ng	2858630	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001730-48-9	38
2		Adamantan-2-ol	152	C10H16O	000700-57-2	35
3		2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	30
4		Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	25
5		Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

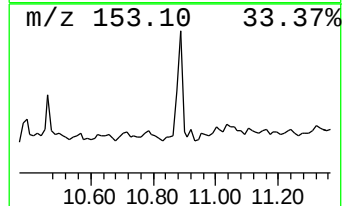
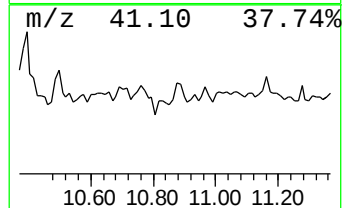
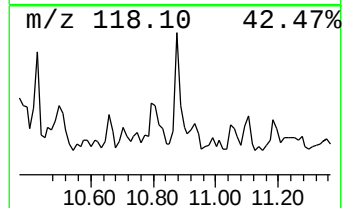
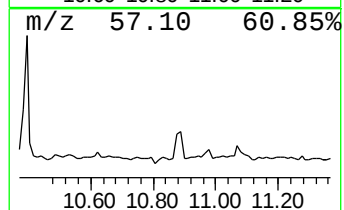
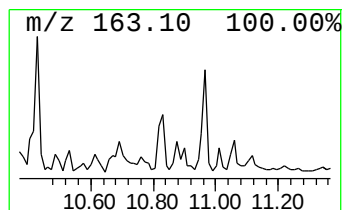
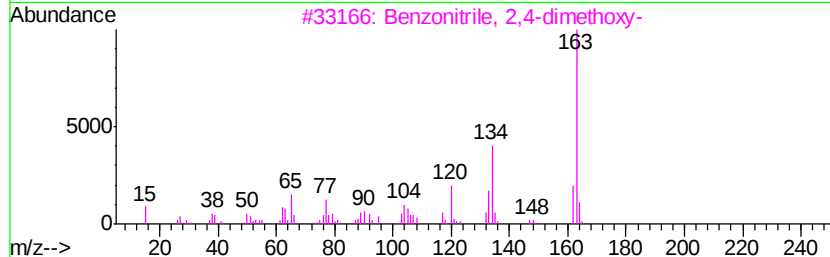
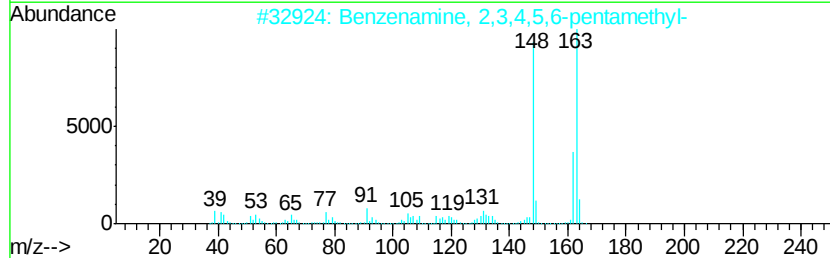
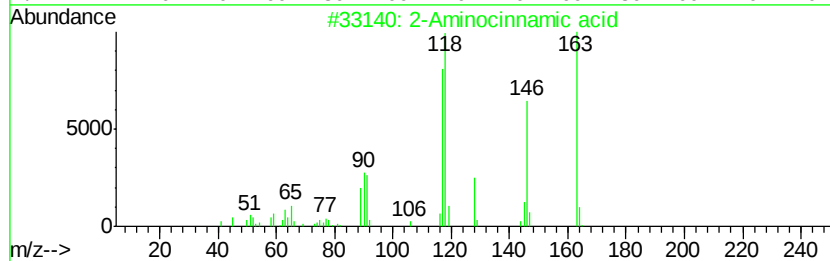
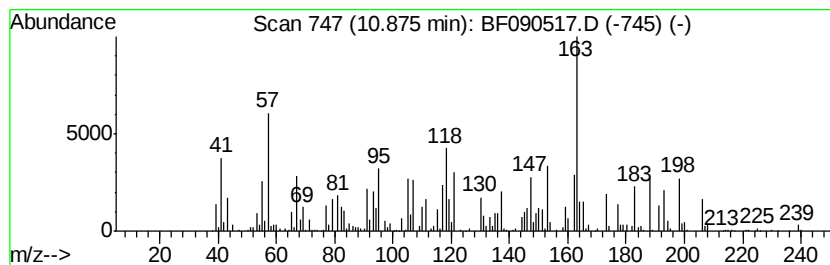
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.87 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	16.96 ng	1642790	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Aminocinnamic acid	163	C9H9NO2	1000128-93-5	38
2		Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	30
3		Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	25
4		Benzothiazole, 2,5-dimethyl-	163	C9H9NS	000095-26-1	25
5		2,6-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-16-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090517.D
Acq On : 11 Oct 2016 22:13
Operator : UM/SJ
Sample : H5146-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0620

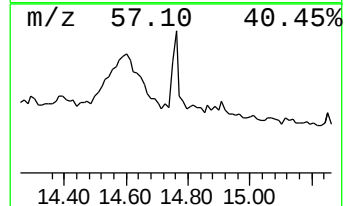
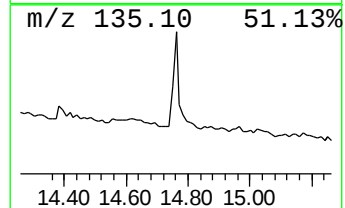
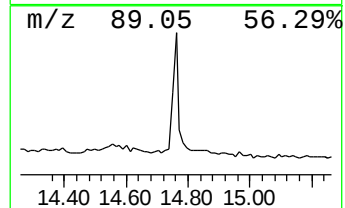
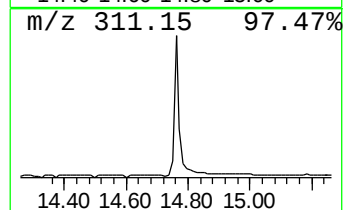
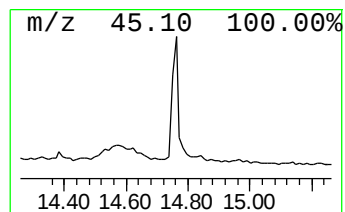
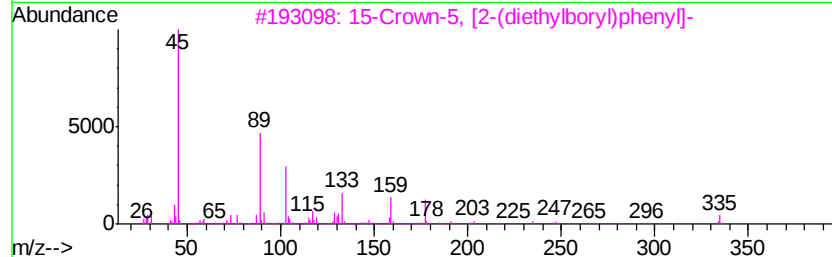
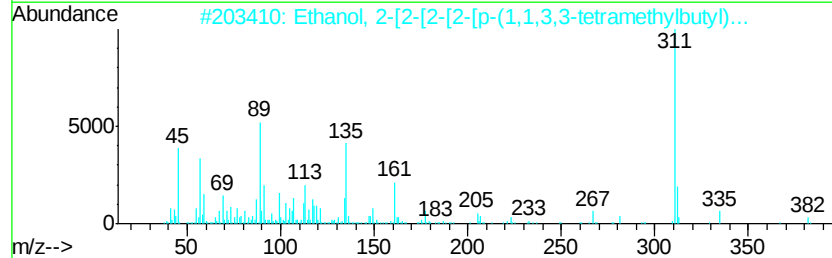
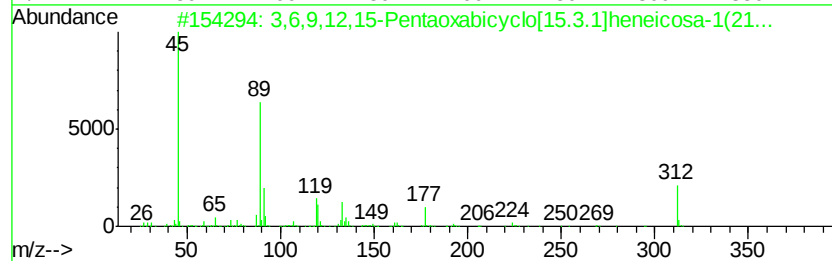
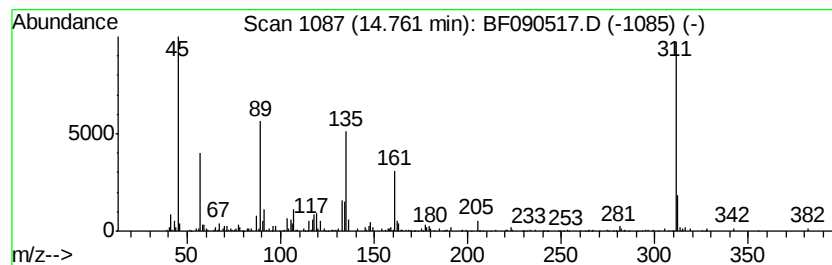
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown14.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	17.75 ng	1193550	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	43		
2	Ethanol, 2-[2-[2-[2-[p-(1,1,3,3-...	382	C22H38O5	002315-63-1	30		
3	15-Crown-5, [2-(diethylborvl)phe...	364	C20H33BO5	1000162-41-9	27		
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	27		
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	27		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090517.D
 Acq On : 11 Oct 2016 22:13
 Operator : UM/SJ
 Sample : H5146-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0620

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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
3-Pentanone, 2,2-...	4.53	11.7	ng	1070430	1	6.95	1834560	20.0
Benzene, 1-ethyl-...	6.47	17.9	ng	1637100	1	6.95	1834560	20.0
unknown6.73	6.73	52.5	ng	4818750	1	6.95	1834560	20.0
Benzene, 1,2,4-tr...	6.78	23.0	ng	2106130	1	6.95	1834560	20.0
Cyclohexane, 1,2,...	7.29	17.7	ng	1620080	1	6.95	1834560	20.0
unknown7.69	7.69	41.4	ng	15201000	2	8.25	7347600	20.0
Benzene, 1,2,3,5-...	7.75	13.5	ng	4961390	2	8.25	7347600	20.0
2,3,4-Trimethylpe...	7.79	14.6	ng	5364290	2	8.25	7347600	20.0
unknown8.01	8.01	36.7	ng	13494700	2	8.25	7347600	20.0
unknown8.62	8.62	19.9	ng	7295930	2	8.25	7347600	20.0
unknown8.81	8.81	106.0	ng	38948400	2	8.25	7347600	20.0
2(1H)-Naphthaleno...	9.03	35.5	ng	13036300	2	8.25	7347600	20.0
1(2H)-Naphthaleno...	9.42	12.2	ng	2698100	3	10.01	4429520	20.0
unknown9.69	9.69	12.5	ng	2767390	3	10.01	4429520	20.0
2,5-Cyclohexadien...	9.82	11.1	ng	2446840	3	10.01	4429520	20.0
unknown10.35	10.35	11.5	ng	2545480	3	10.01	4429520	20.0
unknown10.39	10.39	12.9	ng	2858630	3	10.01	4429520	20.0
unknown10.87	10.87	17.0	ng	1642790	4	11.50	1937700	20.0
unknown14.76	14.76	17.8	ng	1193550	5	14.13	1345120	20.0