

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091859.D
 Acq On : 22 Dec 2016 3:02
 Operator : UM/SJ
 Sample : H6156-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

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-BF122116.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	4.910	245	247	255	rVB	816375	1009544	2.28%	0.626%
2	5.344	283	285	288	rVB	3914106	3674233	8.30%	2.278%
3	5.904	332	334	336	rVB	1018012	1105354	2.50%	0.685%
4	6.202	357	360	362	rBV	516329	555639	1.25%	0.344%
5	6.270	363	366	367	rVV	5482116	5358069	12.10%	3.321%
6	6.293	367	368	371	rVV	2192029	2981536	6.73%	1.848%
7	6.339	371	372	374	rVV	1047872	1200104	2.71%	0.744%
8	6.384	374	376	378	rVV	1889759	2329066	5.26%	1.444%
9	6.430	378	380	382	rVV	1073901	1010248	2.28%	0.626%
10	6.522	385	388	389	rBV	5195513	7175291	16.21%	4.448%
11	6.579	389	393	396	rVB2	3805277	6168462	13.93%	3.824%
12	6.750	405	408	409	rBV	1263209	1658986	3.75%	1.028%
13	6.807	409	413	414	rVV	1769769	1984609	4.48%	1.230%
14	6.853	414	417	419	rVV	969567	1540734	3.48%	0.955%
15	6.899	419	421	426	rVB2	4569351	6989279	15.79%	4.333%
16	7.002	426	430	434	rBV	1108518	1277208	2.88%	0.792%
17	7.070	434	436	440	rVB	650350	653262	1.48%	0.405%
18	7.322	452	458	460	rVV2	3933678	7116057	16.07%	4.411%
19	7.710	489	492	494	rVB	796562	907060	2.05%	0.562%
20	7.790	495	499	500	rBV2	2980537	4883656	11.03%	3.027%
21	7.825	500	502	505	rVV	3487736	5610103	12.67%	3.478%
22	7.905	505	509	512	rVB	774722	929999	2.10%	0.577%
23	8.087	517	525	530	rBV	13107374	44275972	100.00%	27.447%
24	8.750	580	583	585	rVV	4917576	5428550	12.26%	3.365%
25	8.842	588	591	593	rVB	4570608	5564760	12.57%	3.450%
26	9.116	611	615	617	rBV	7657553	9733690	21.98%	6.034%
27	9.208	619	623	625	rBV	985053	949302	2.14%	0.588%
28	9.299	627	631	634	rVB	373087	472585	1.07%	0.293%
29	9.448	641	644	645	rBV	359974	506055	1.14%	0.314%
30	9.779	670	673	675	rBV	2435497	2965510	6.70%	1.838%
31	9.813	675	676	678	rVB	2869671	2310428	5.22%	1.432%
32	10.328	719	721	723	rVB	607185	539850	1.22%	0.335%
33	10.568	738	742	745	rBV2	3693064	5777107	13.05%	3.581%
34	11.265	800	803	804	rBV	2649092	2707255	6.11%	1.678%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.854	939	942	944	rBV	7097494	7734352	17.47%	4.795%
36	13.894	1030	1033	1035	rBV	2460354	2330879	5.26%	1.445%
37	15.288	1152	1155	1157	rBV	1385535	1780975	4.02%	1.104%
38	15.334	1157	1159	1167	rVB	325088	474605	1.07%	0.294%
39	15.723	1190	1193	1197	rBV	343789	509026	1.15%	0.316%
40	16.180	1230	1233	1239	rVB	365418	629298	1.42%	0.390%
41	16.717	1276	1280	1290	rVB	238459	506066	1.14%	0.314%

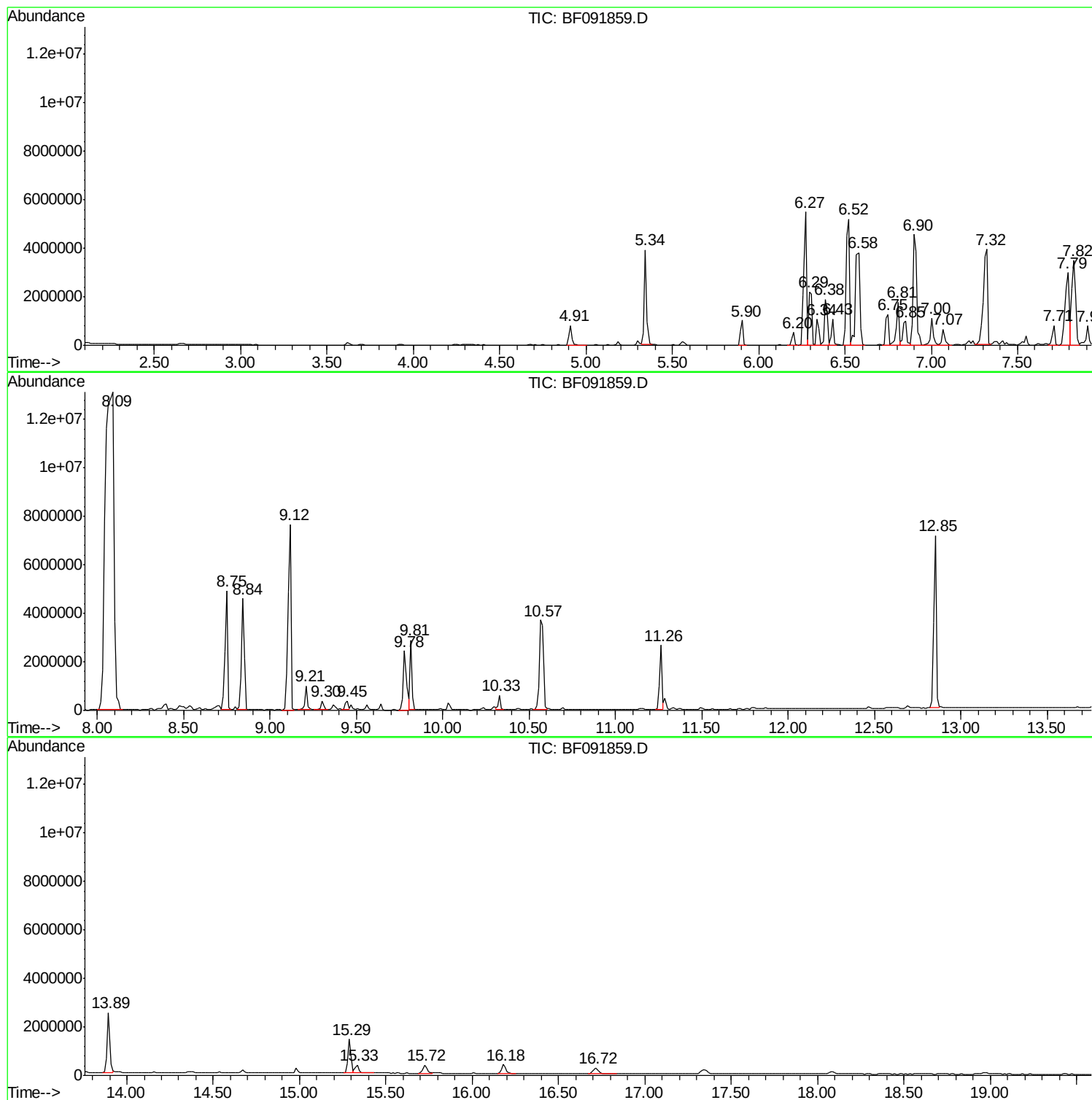
Sum of corrected areas: 161314764

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

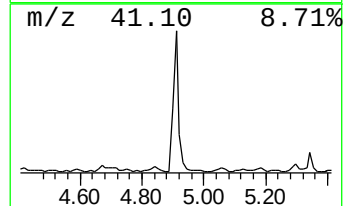
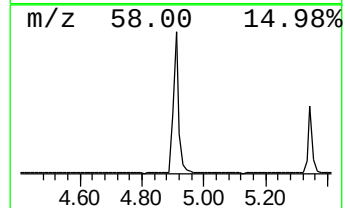
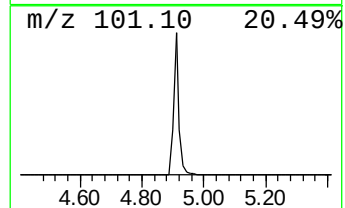
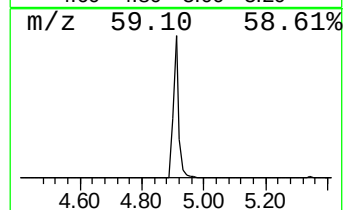
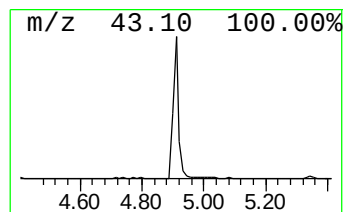
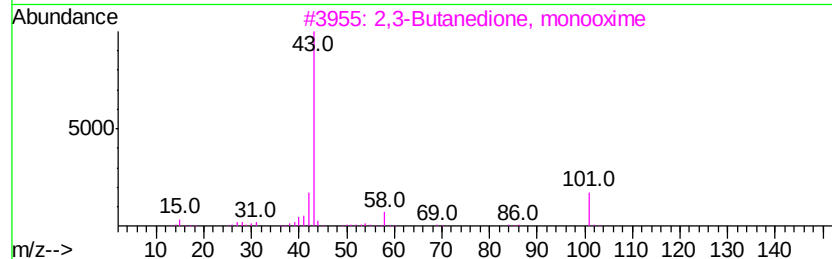
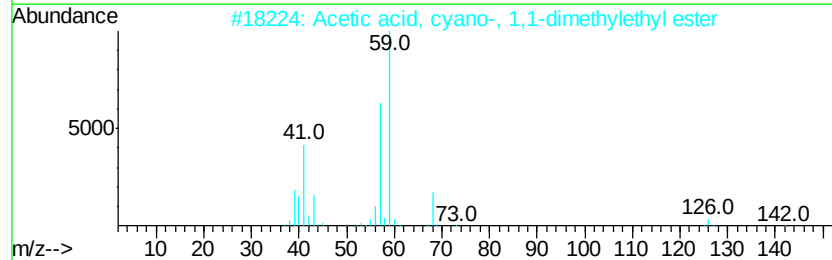
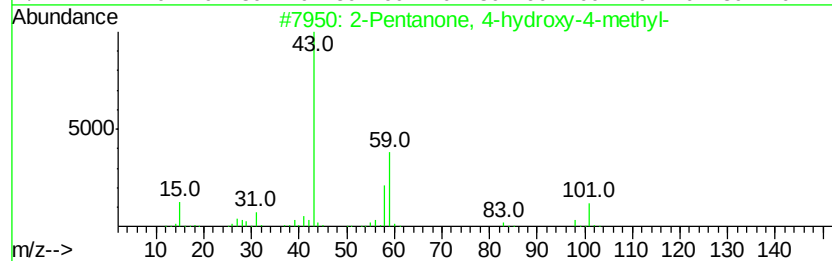
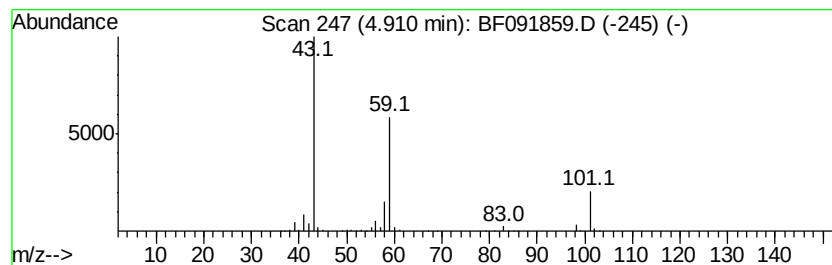
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	12.17 ng	1009540	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

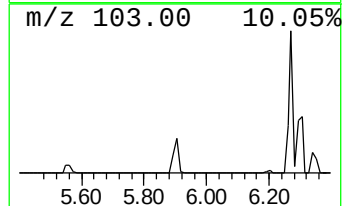
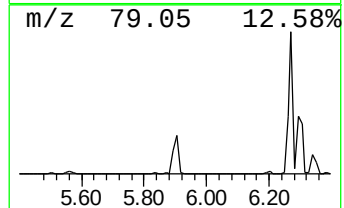
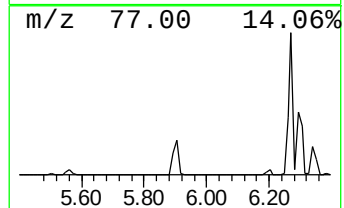
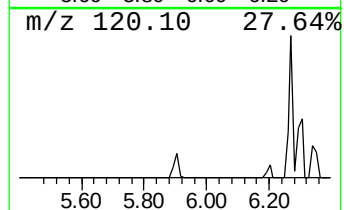
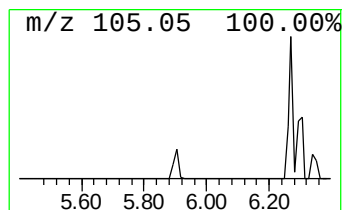
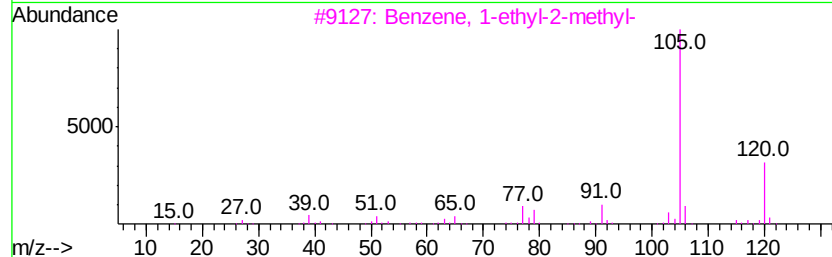
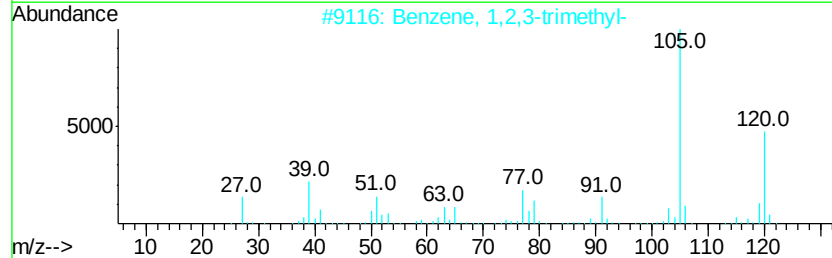
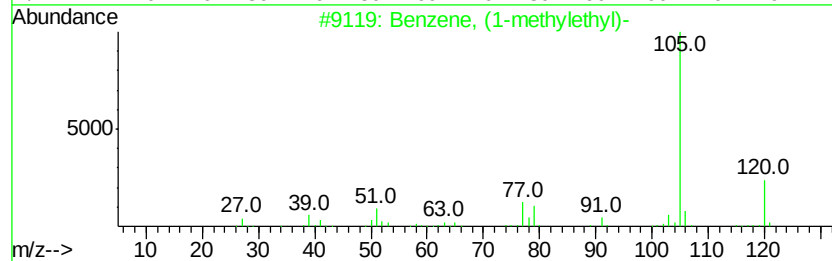
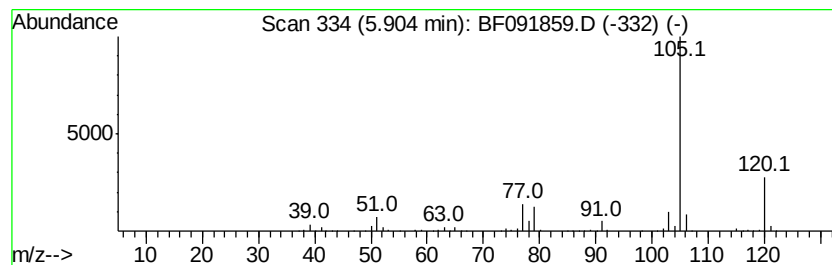
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	13.33 ng	1105350	1,4-Dichlorobenzene-d4	6.75

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	86
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

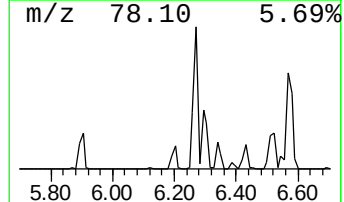
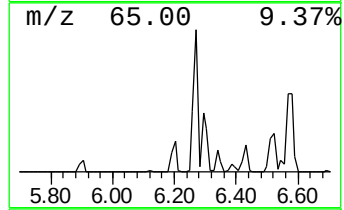
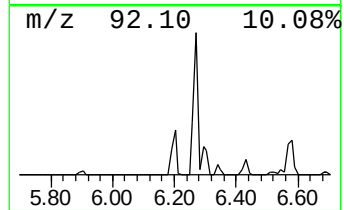
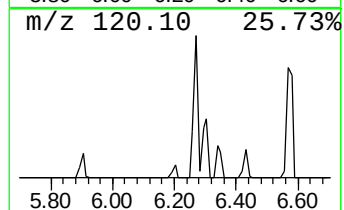
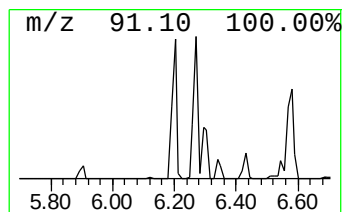
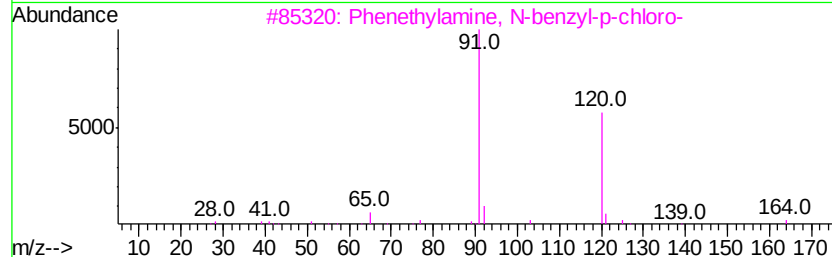
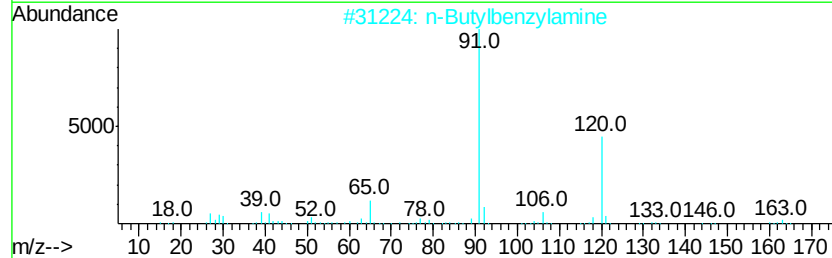
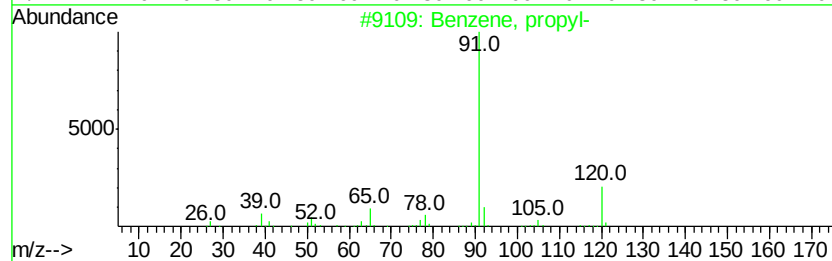
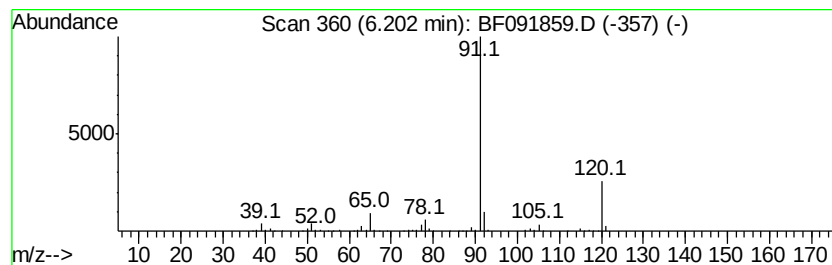
Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.70 ng	555639	1,4-Dichlorobenzene-d4	6.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		n-Butylbenzylamine	163 C11H17N	002403-22-7 72
3		Phenethylamine, N-benzyl-p-chloro-	245 C15H16ClN	013622-43-0 72
4		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 64
5		Propanenitrile, 3-[(phenylmethyl...]	160 C10H12N2	000706-03-6 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

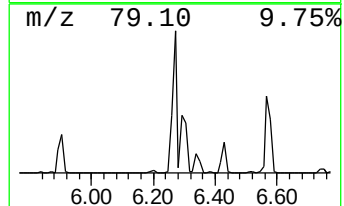
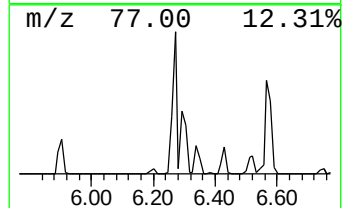
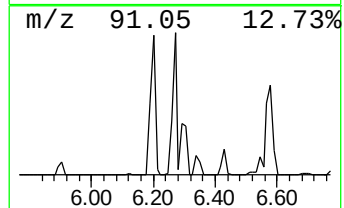
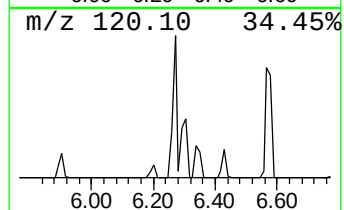
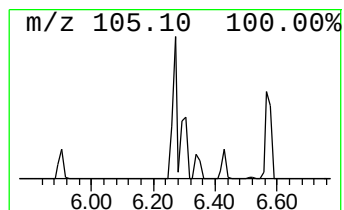
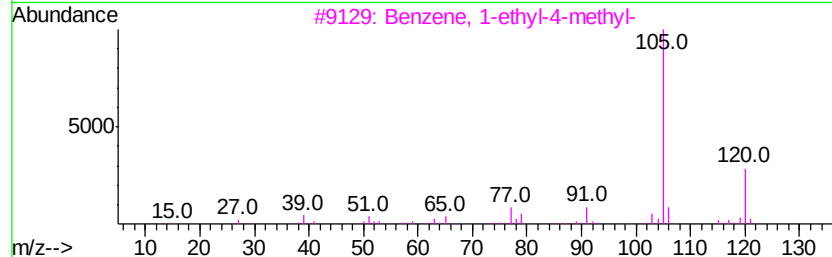
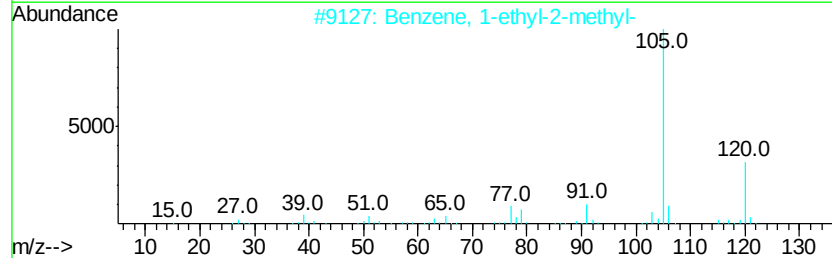
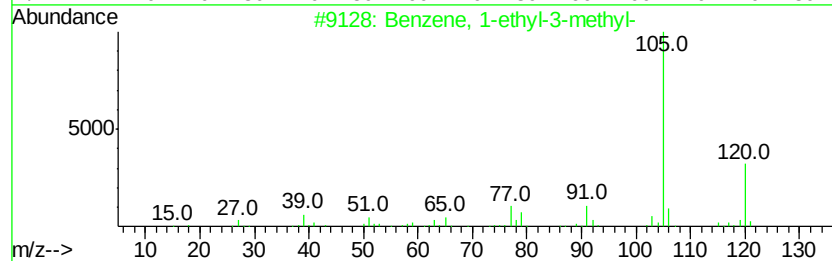
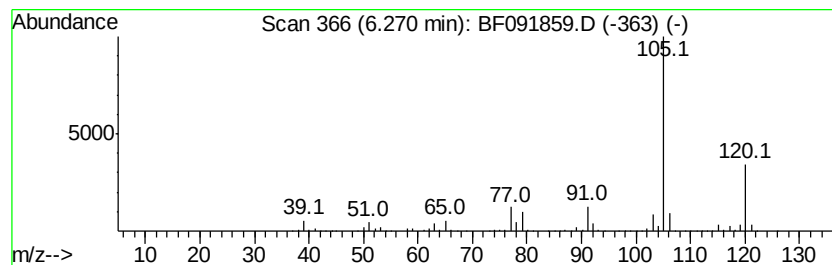
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	64.59 ng	5358070	1,4-Dichlorobenzene-d4	6.75

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

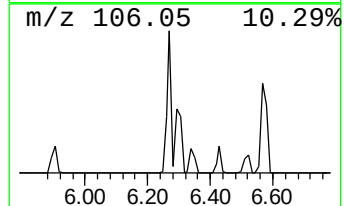
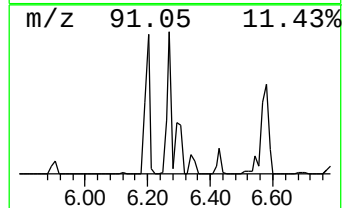
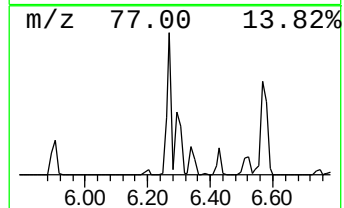
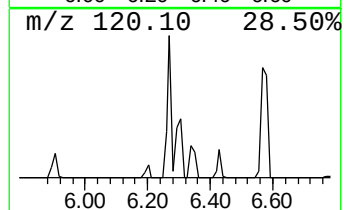
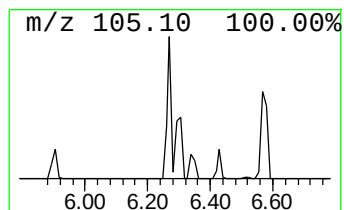
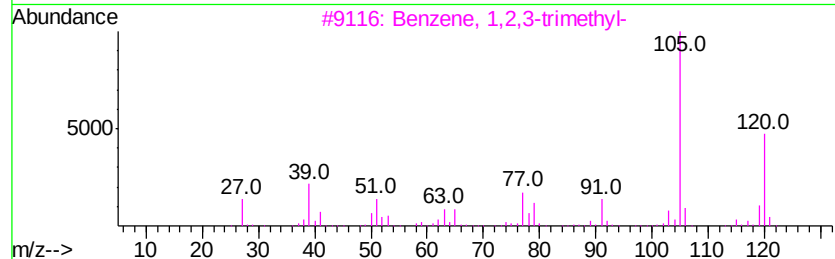
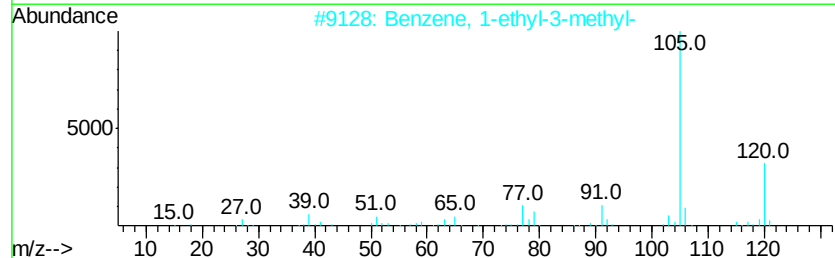
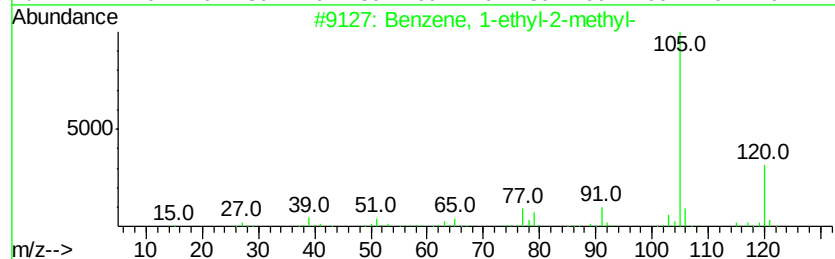
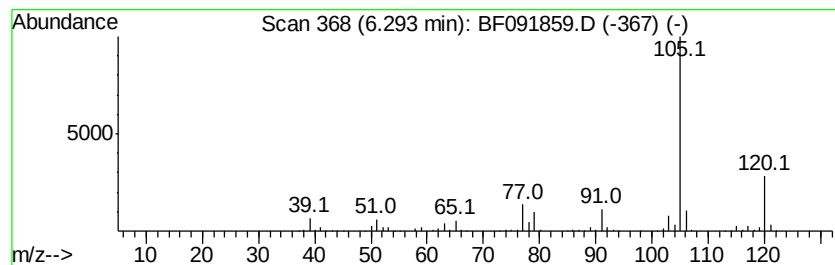
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	35.94 ng	2981540	1,4-Dichlorobenzene-d4	6.75

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

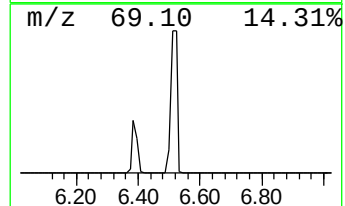
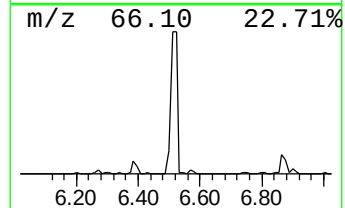
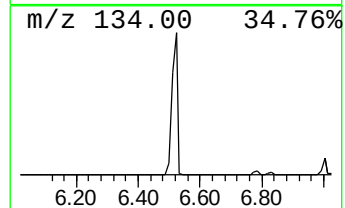
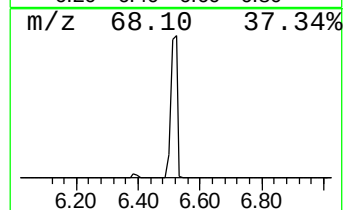
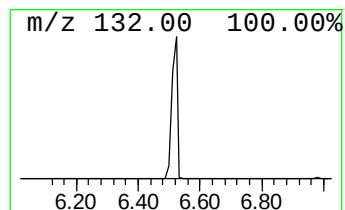
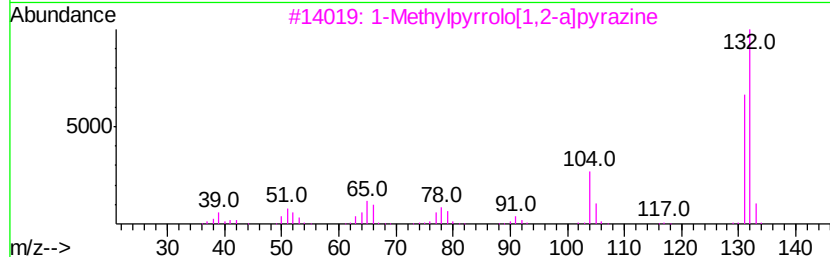
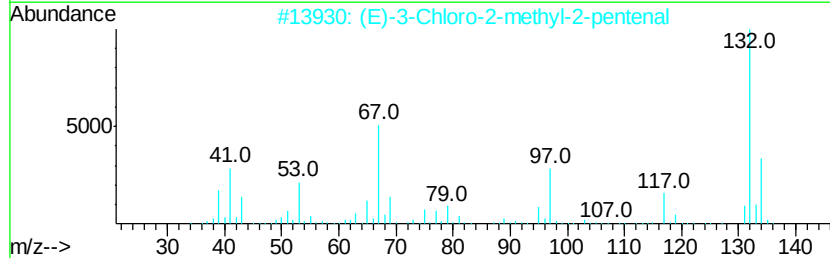
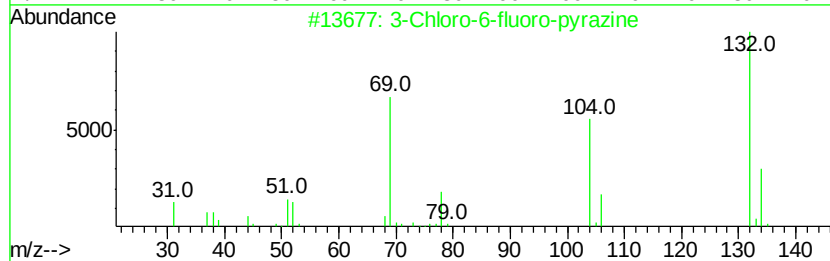
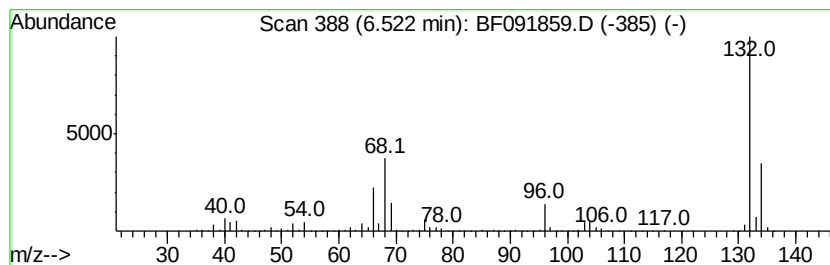
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	86.50 ng	7175290	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

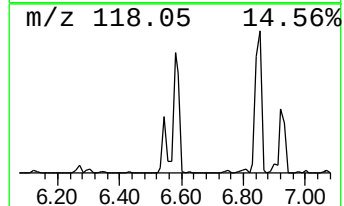
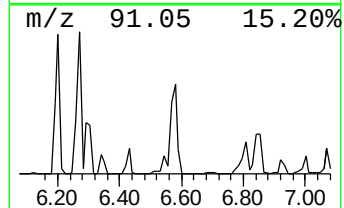
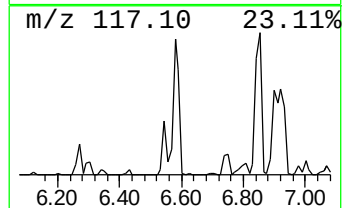
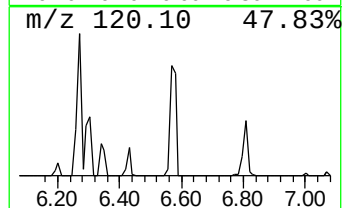
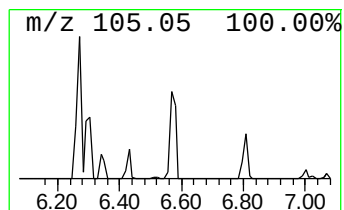
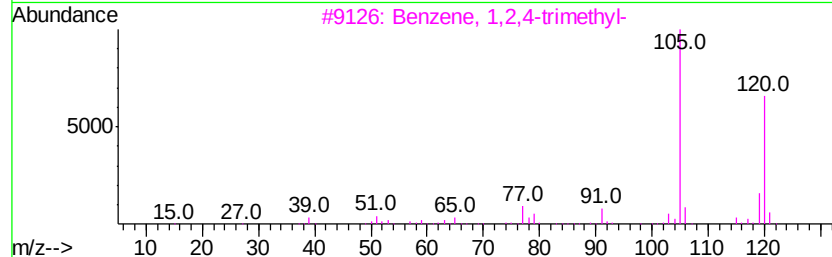
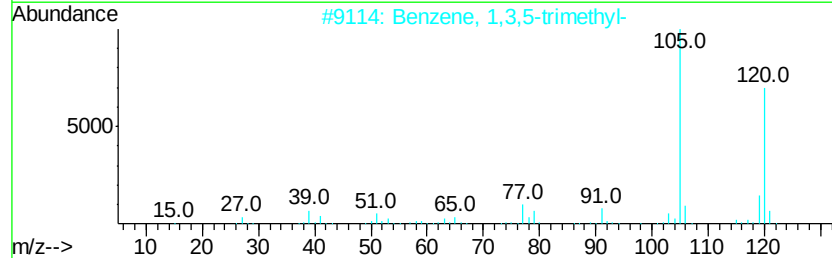
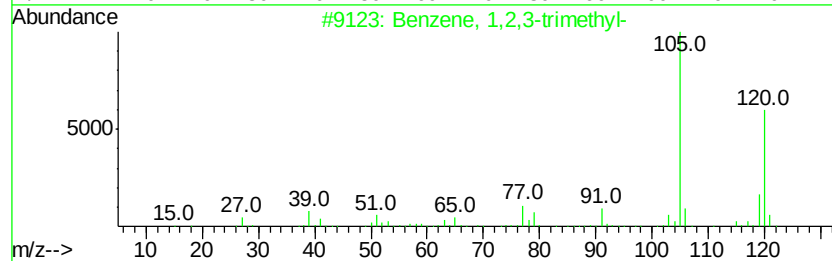
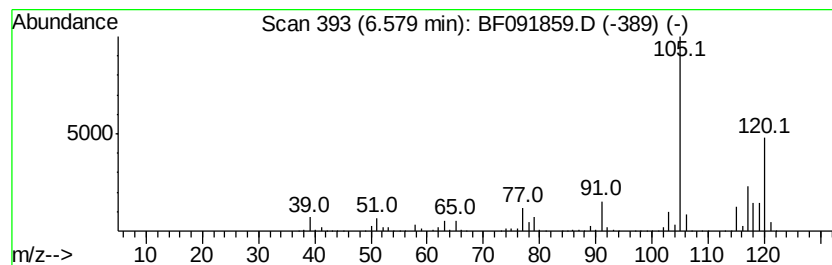
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	74.36 ng	6168460	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

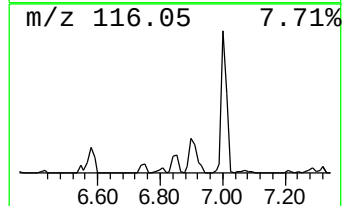
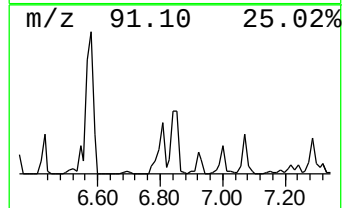
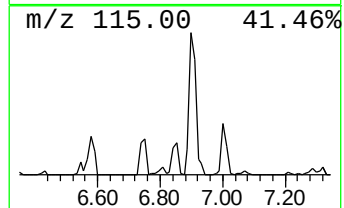
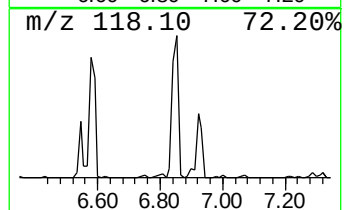
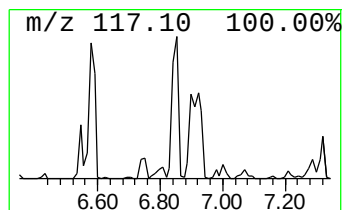
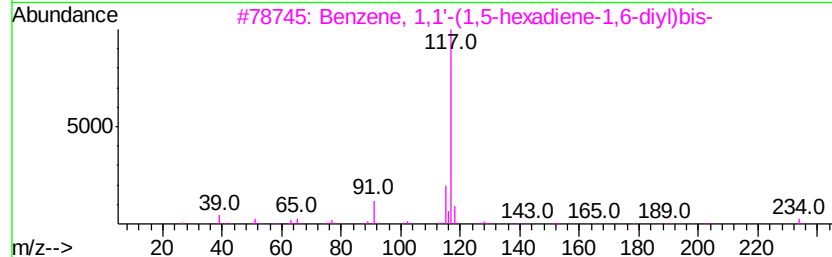
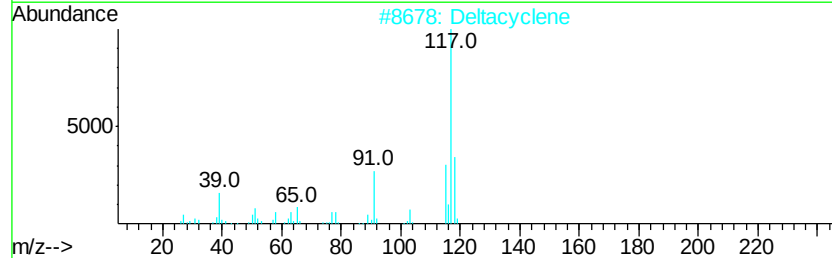
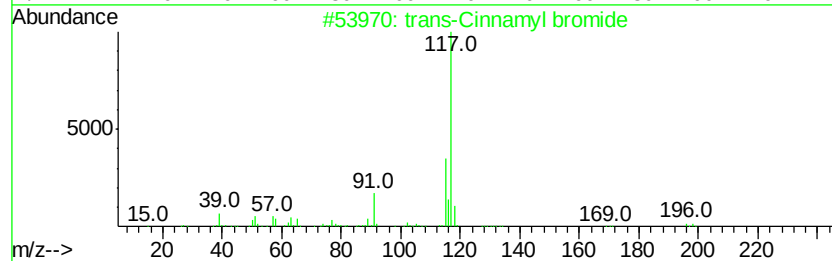
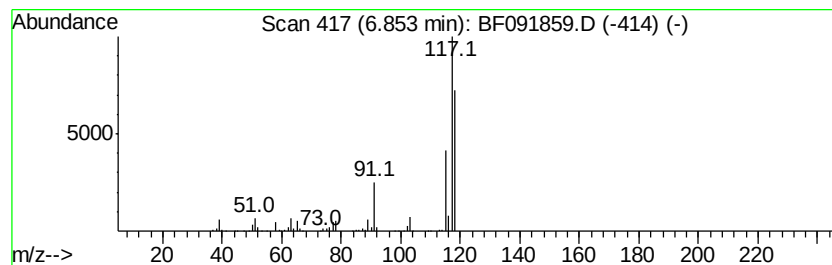
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 trans-Cinnamyl bromide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	18.57 ng	1540730	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
2	Deltacyclene	118	C9H10	007785-10-6	50
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

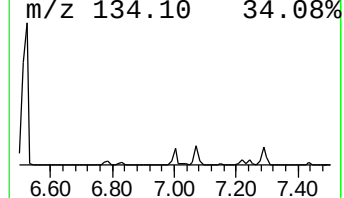
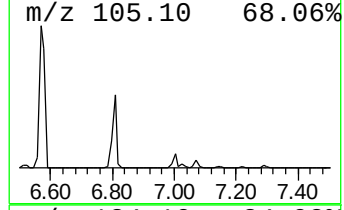
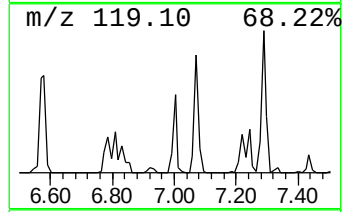
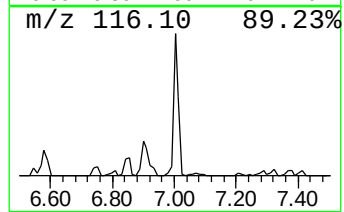
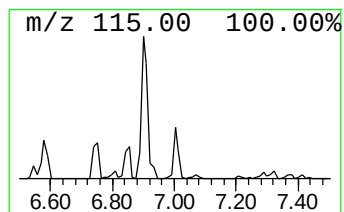
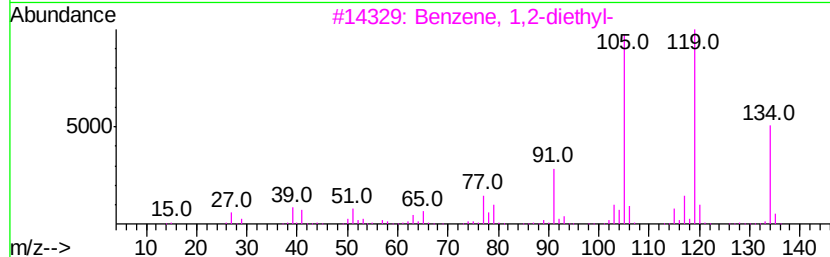
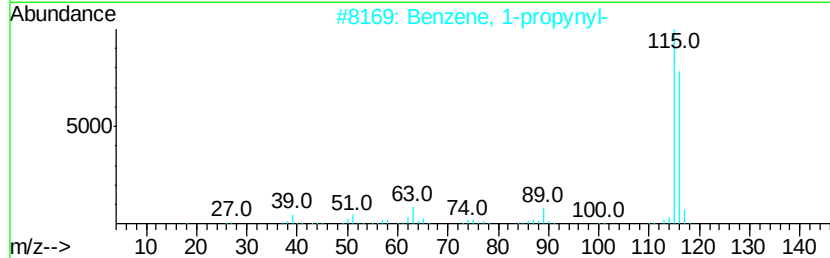
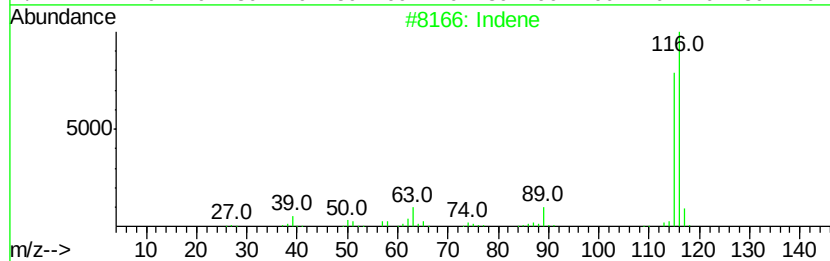
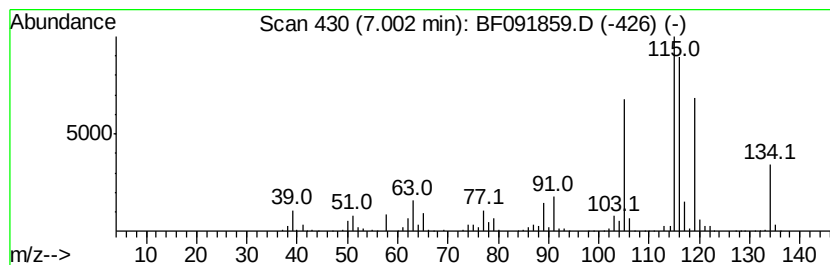
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	15.40 ng	1277210	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	92
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	78
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

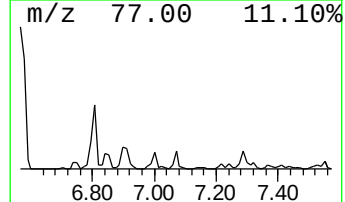
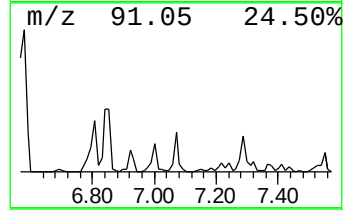
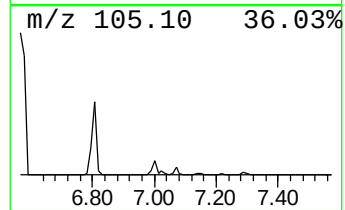
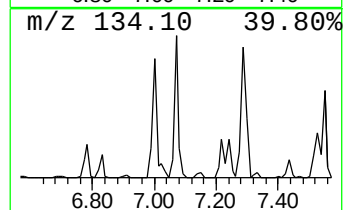
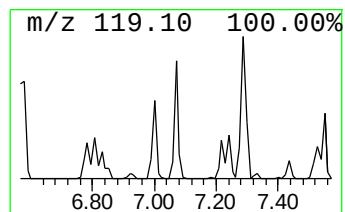
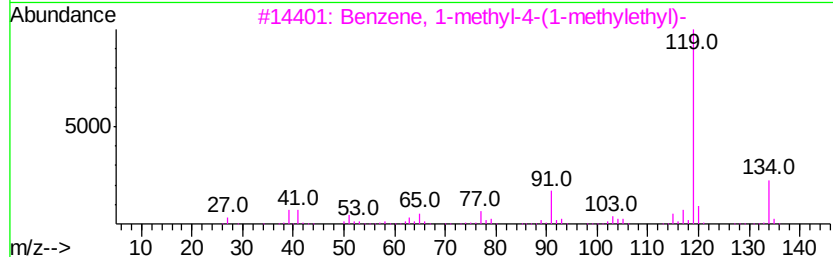
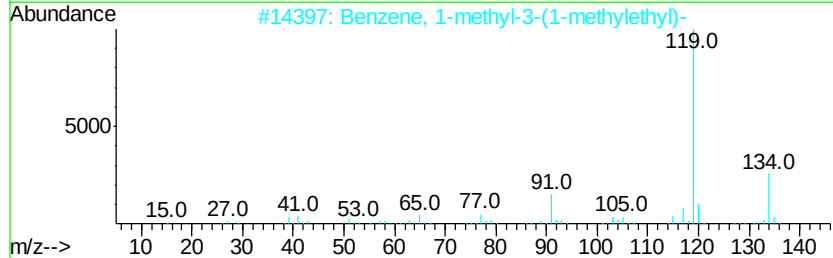
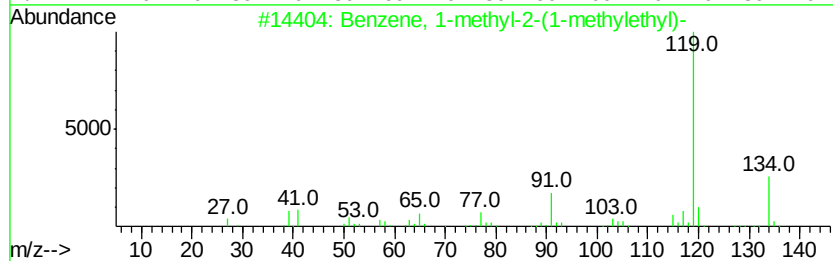
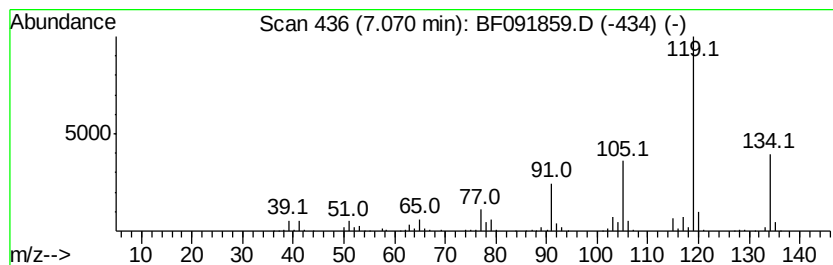
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	7.88 ng	653262	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8

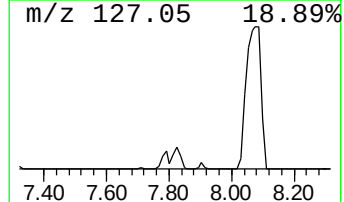
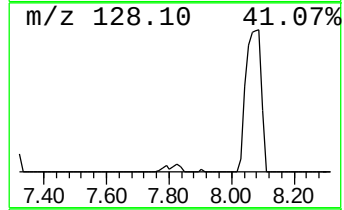
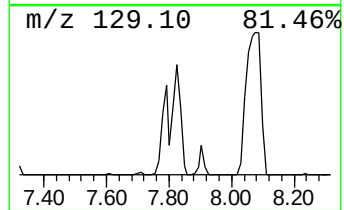
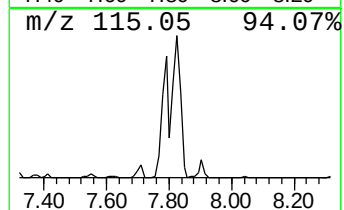
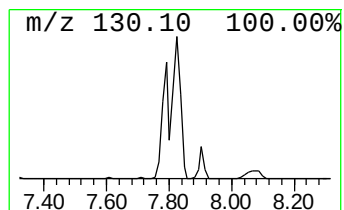
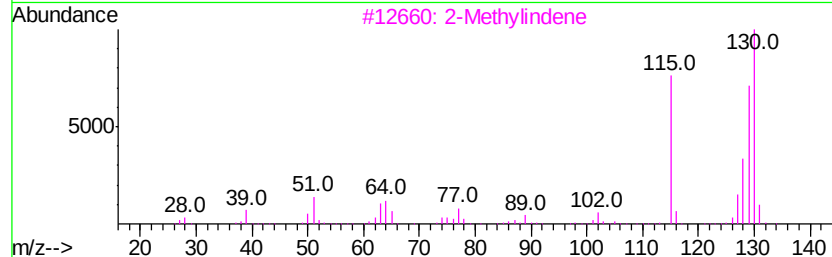
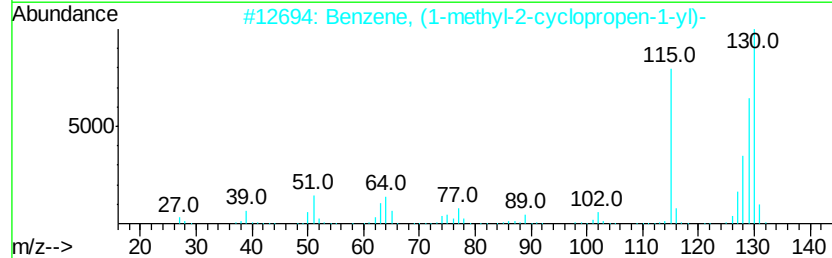
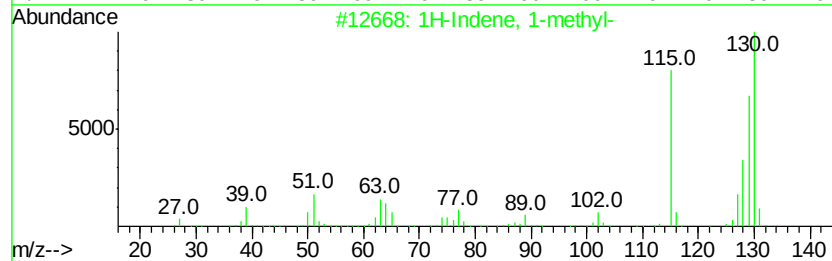
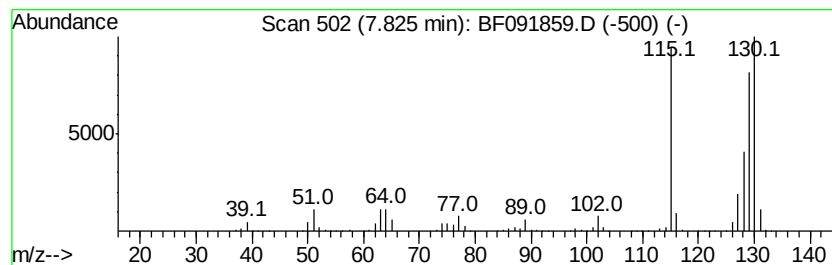
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.53 ng	5610100	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3		2-Methylindene	130	C10H10	002177-47-1	94
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

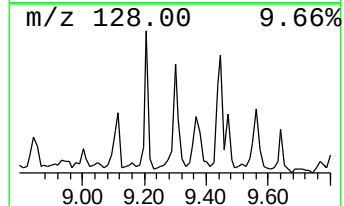
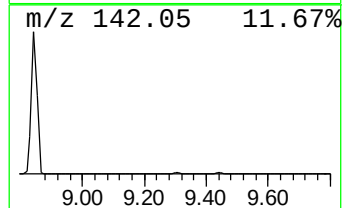
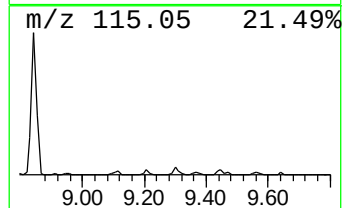
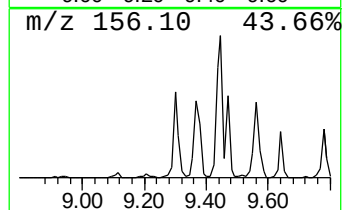
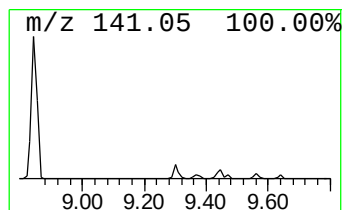
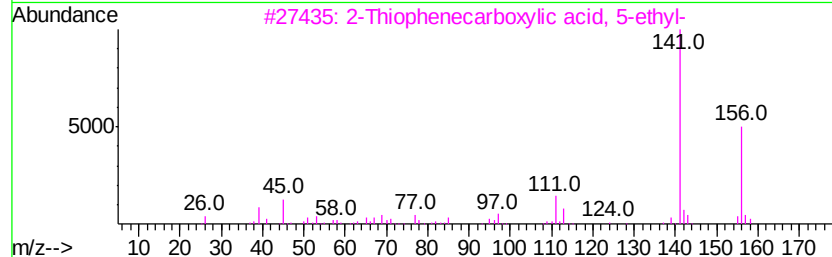
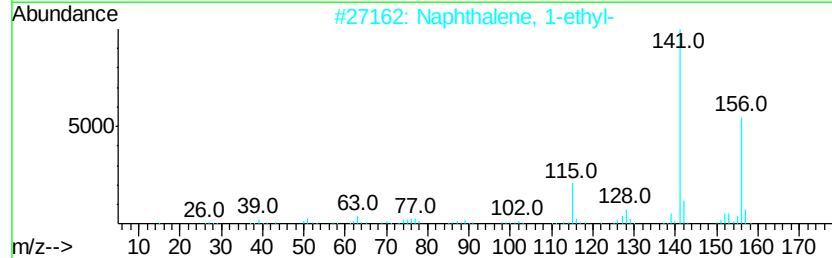
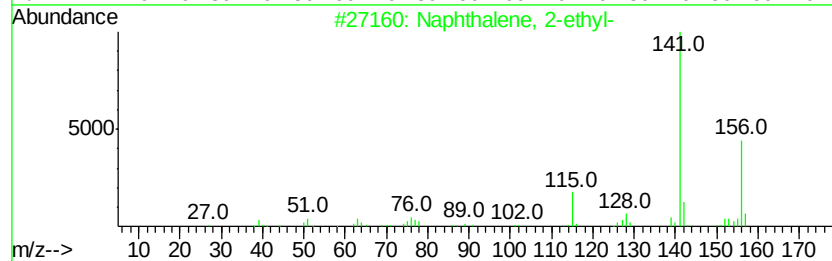
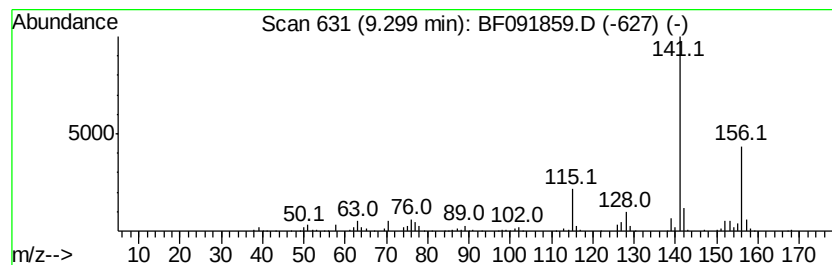
Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	3.19 ng	472585	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 43
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

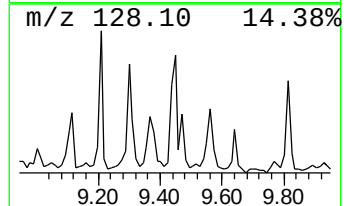
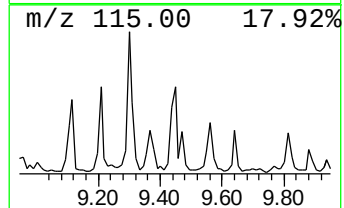
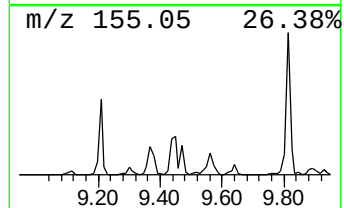
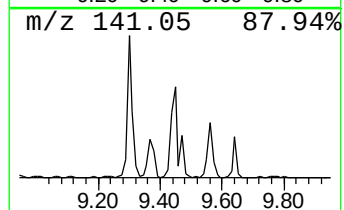
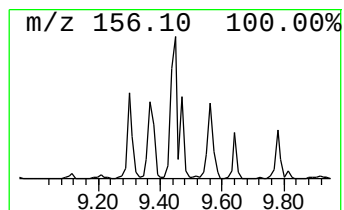
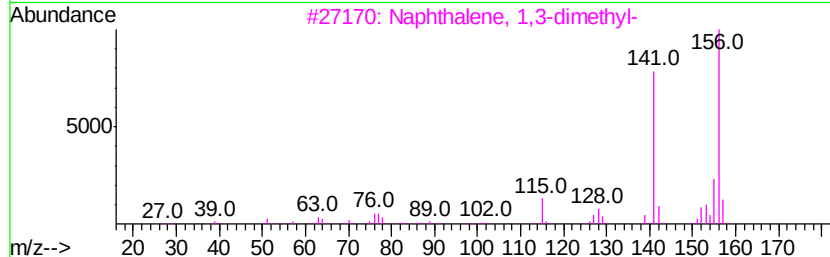
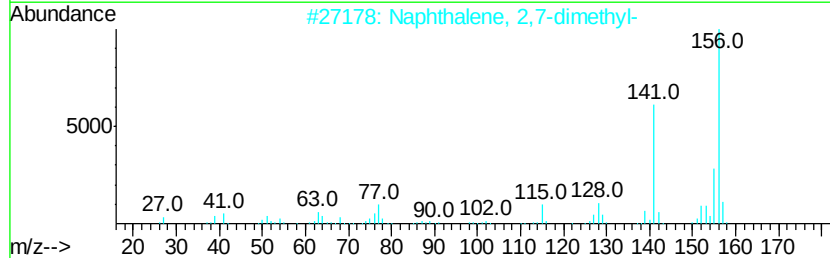
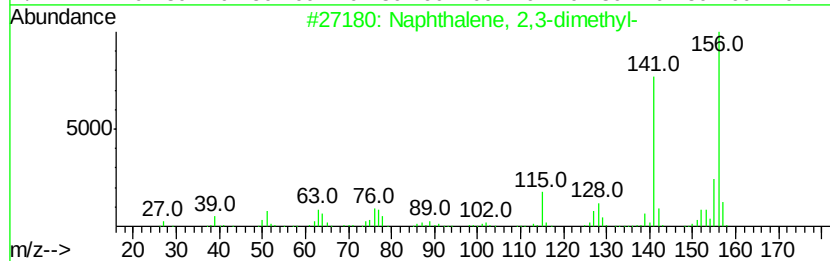
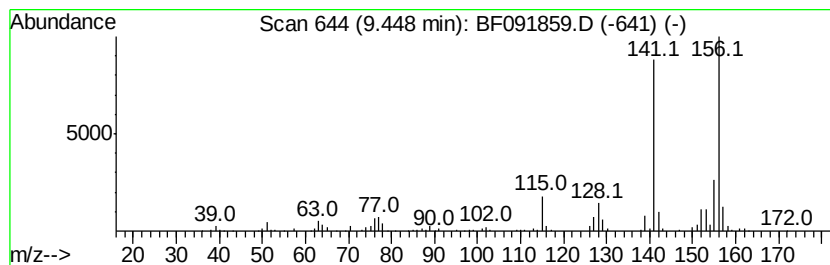
Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.45	3.41 ng	506055	Acenaphthene-d10	9.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

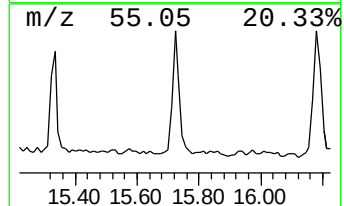
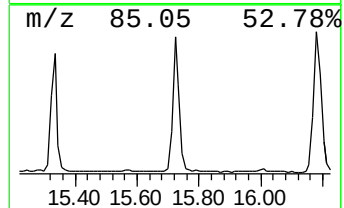
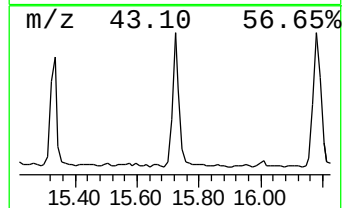
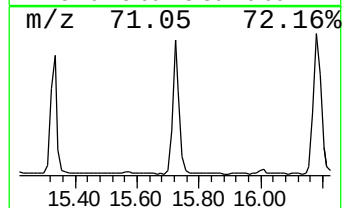
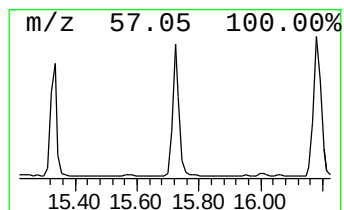
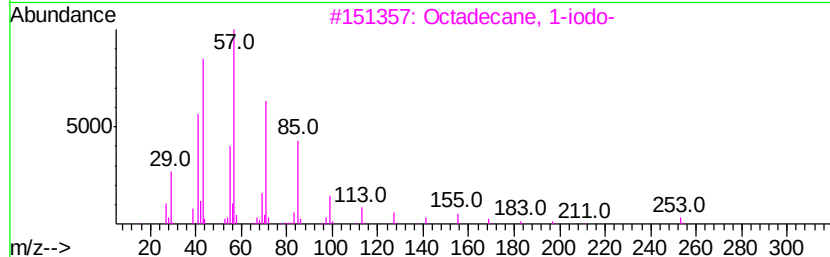
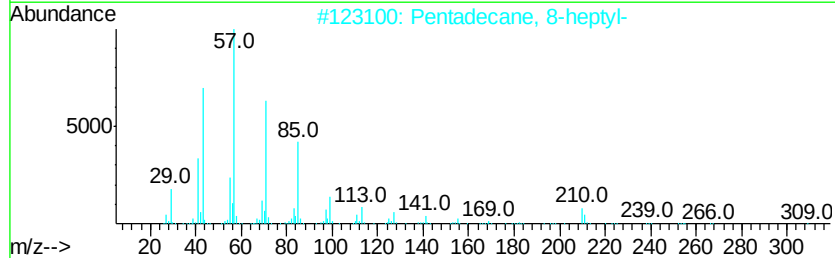
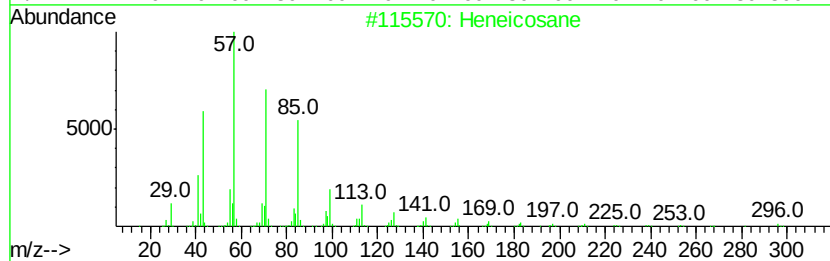
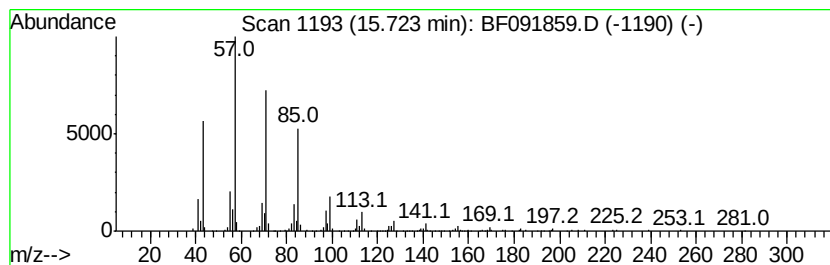
Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.72 ng	509026	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
3	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	86
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	83
5	Heptacosane	380 C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
Data File : BF091859.D
Acq On : 22 Dec 2016 3:02
Operator : UM/SJ
Sample : H6156-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

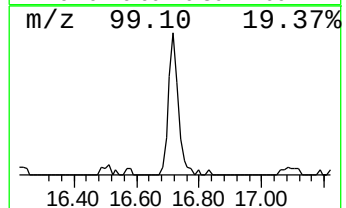
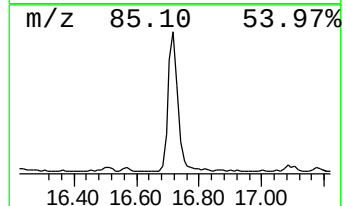
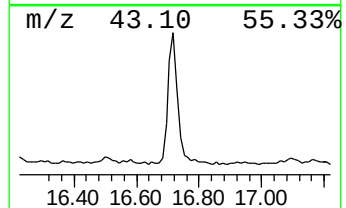
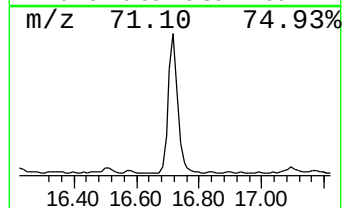
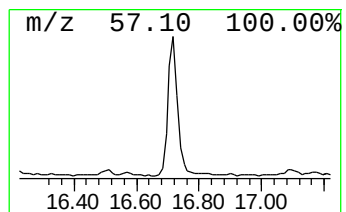
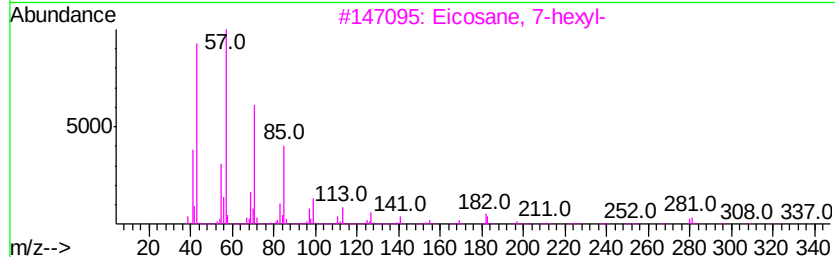
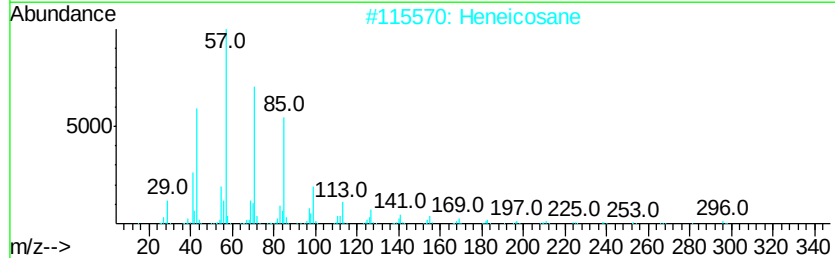
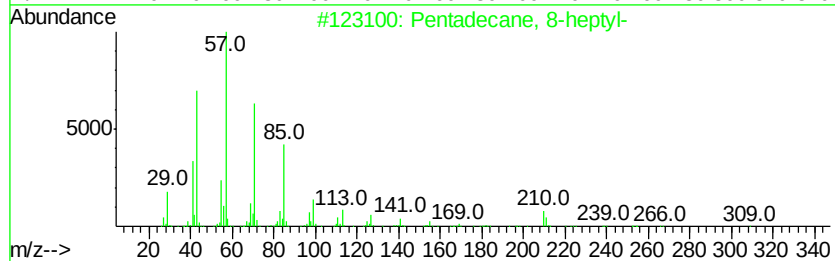
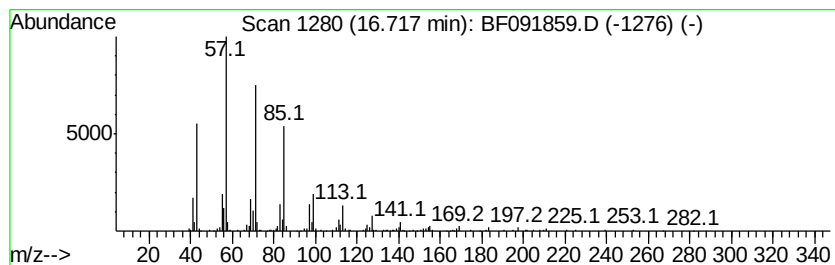
Instrument :
BNA_F
ClientSampleId :
MW-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.72	5.68 ng	506066	Perylene-d12	15.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091859.D
 Acq On : 22 Dec 2016 3:02
 Operator : UM/SJ
 Sample : H6156-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	12.2	ng	1009540	1	6.75	1658990	20.0
Benzene, (1-methy...	5.90	13.3	ng	1105350	1	6.75	1658990	20.0
Benzene, propyl-	6.20	6.7	ng	555639	1	6.75	1658990	20.0
Benzene, 1-ethyl-...	6.27	64.6	ng	5358070	1	6.75	1658990	20.0
Benzene, 1-ethyl-...	6.29	35.9	ng	2981540	1	6.75	1658990	20.0
unknown6.52	6.52	86.5	ng	7175290	1	6.75	1658990	20.0
Benzene, 1,2,3-tr...	6.58	74.4	ng	6168460	1	6.75	1658990	20.0
trans-Cinnamyl br...	6.85	18.6	ng	1540730	1	6.75	1658990	20.0
Indene	7.00	15.4	ng	1277210	1	6.75	1658990	20.0
Benzene, 1-methyl...	7.07	7.9	ng	653262	1	6.75	1658990	20.0
1H-Indene, 1-methyl-	7.82	2.5	ng	5610100	2	8.04	44276000	20.0
Naphthalene, 2-et...	9.30	3.2	ng	472585	3	9.78	2965510	20.0
Naphthalene, 2,3-...	9.45	3.4	ng	506055	3	9.78	2965510	20.0
Heneicosane	15.72	5.7	ng	509026	6	15.29	1780980	20.0
Pentadecane, 8-he...	16.72	5.7	ng	506066	6	15.29	1780980	20.0