

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082685.D
 Acq On : 4 Nov 2015 5:47
 Operator : UM/IZ
 Sample : G4240-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

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-BF103015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.241	98	101	112	rBV	18024	76157	1.15%	0.107%
2	5.059	257	260	263	rBV	1628821	2902282	43.71%	4.080%
3	5.481	294	297	299	rBV	5084515	5190054	78.17%	7.295%
4	6.510	384	387	389	rBV	5535249	6071555	91.44%	8.535%
5	6.647	396	399	401	rBV	6084105	6213829	93.59%	8.735%
6	6.876	417	419	421	rBV	1560590	1267472	19.09%	1.782%
7	7.036	430	433	435	rVB	5023230	4533844	68.28%	6.373%
8	7.436	465	468	470	rBV	3260595	3500779	52.73%	4.921%
9	7.527	474	476	479	rVB3	84248	123650	1.86%	0.174%
10	7.607	479	483	484	rBV2	30468	67057	1.01%	0.094%
11	7.687	484	490	492	rVB5	64449	155043	2.34%	0.218%
12	7.790	495	499	500	rBV2	71169	98114	1.48%	0.138%
13	8.122	525	528	529	rBV2	47522	88978	1.34%	0.125%
14	8.167	529	532	534	rVV	1407200	1733877	26.11%	2.437%
15	8.236	536	538	540	rVV	138491	184309	2.78%	0.259%
16	8.270	540	541	544	rVB2	67516	104677	1.58%	0.147%
17	8.339	544	547	550	rBV4	30246	87521	1.32%	0.123%
18	8.465	555	558	562	rBV3	104119	229681	3.46%	0.323%
19	8.602	568	570	572	rBV	271824	288126	4.34%	0.405%
20	8.728	578	581	583	rBV4	55823	98225	1.48%	0.138%
21	8.865	591	593	595	rVB	137436	167034	2.52%	0.235%
22	8.933	595	599	600	rBV3	47246	105392	1.59%	0.148%
23	8.990	600	604	606	rBV4	70533	128902	1.94%	0.181%
24	9.082	606	612	619	rBV4	191855	619443	9.33%	0.871%
25	9.208	619	623	624	rBV	250750	380045	5.72%	0.534%
26	9.242	624	626	629	rVB	5278365	6122689	92.21%	8.606%
27	9.345	629	635	637	rBV2	179481	469447	7.07%	0.660%
28	9.448	642	644	646	rVB2	76067	130253	1.96%	0.183%
29	9.505	646	649	650	rBV	118873	218862	3.30%	0.308%
30	9.573	652	655	658	rVV4	131783	409095	6.16%	0.575%
31	9.642	658	661	664	rVV2	1405028	2475470	37.28%	3.480%
32	9.745	668	670	673	rBV3	99545	167926	2.53%	0.236%
33	9.836	676	678	679	rVV	143288	156185	2.35%	0.220%
34	9.916	683	685	687	rVV2	1562169	2076688	31.28%	2.919%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082685.D
 Acq On : 4 Nov 2015 5:47
 Operator : UM/IZ
 Sample : G4240-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

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-BF103015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.973	687	690	691	rVV3	111706	201224	3.03%	0.283%
36	10.042	694	696	697	rVB2	116493	124021	1.87%	0.174%
37	10.088	698	700	702	rBV3	97398	175987	2.65%	0.247%
38	10.122	702	703	705	rVV	187693	265797	4.00%	0.374%
39	10.191	708	709	712	rVB	373644	327378	4.93%	0.460%
40	10.236	712	713	714	rBV	65793	79843	1.20%	0.112%
41	10.316	717	720	721	rBV2	115353	212922	3.21%	0.299%
42	10.339	721	722	724	rVV2	180076	217234	3.27%	0.305%
43	10.419	728	729	732	rVV	194882	194978	2.94%	0.274%
44	10.488	732	735	737	rVV3	161000	281992	4.25%	0.396%
45	10.533	737	739	740	rVB	97208	129534	1.95%	0.182%
46	10.591	741	744	745	rBV	879314	914611	13.78%	1.286%
47	10.636	745	748	750	rVB4	111341	241140	3.63%	0.339%
48	10.705	751	754	756	rBV2	3700157	4128401	62.18%	5.803%
49	10.751	756	758	761	rVB3	58937	122673	1.85%	0.172%
50	10.853	764	767	771	rVB	1350529	1440043	21.69%	2.024%
51	10.991	777	779	780	rBV2	71650	119064	1.79%	0.167%
52	11.036	781	783	785	rVV3	128333	210224	3.17%	0.296%
53	11.071	785	786	787	rVB	138480	94928	1.43%	0.133%
54	11.173	793	795	798	rBV2	128891	260105	3.92%	0.366%
55	11.288	803	805	806	rBV2	86473	102269	1.54%	0.144%
56	11.322	806	808	811	rVB	726167	820210	12.35%	1.153%
57	11.368	811	812	813	rBV	116873	124148	1.87%	0.175%
58	11.402	813	815	817	rBV	1946714	1666021	25.09%	2.342%
59	11.631	834	835	837	rBV2	73374	88546	1.33%	0.124%
60	11.665	837	838	841	rVB	196144	241802	3.64%	0.340%
61	11.871	854	856	857	rBV	75341	97131	1.46%	0.137%
62	11.939	860	862	864	rBV	602572	582722	8.78%	0.819%
63	12.408	900	903	905	rBV2	108957	182509	2.75%	0.257%
64	12.454	905	907	909	rBV3	83848	112531	1.69%	0.158%
65	12.625	920	922	927	rBV3	63475	157538	2.37%	0.221%
66	12.728	929	931	936	rBV	348530	423972	6.39%	0.596%
67	13.002	952	955	957	rVB	5193187	6639626	100.00%	9.333%
68	13.905	1031	1034	1042	rVB	314964	610965	9.20%	0.859%
69	14.042	1044	1046	1048	rBV	1831481	1617828	24.37%	2.274%
70	14.922	1121	1123	1126	rVB	88117	101030	1.52%	0.142%
71	15.494	1170	1173	1176	rBV	964389	1187400	17.88%	1.669%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

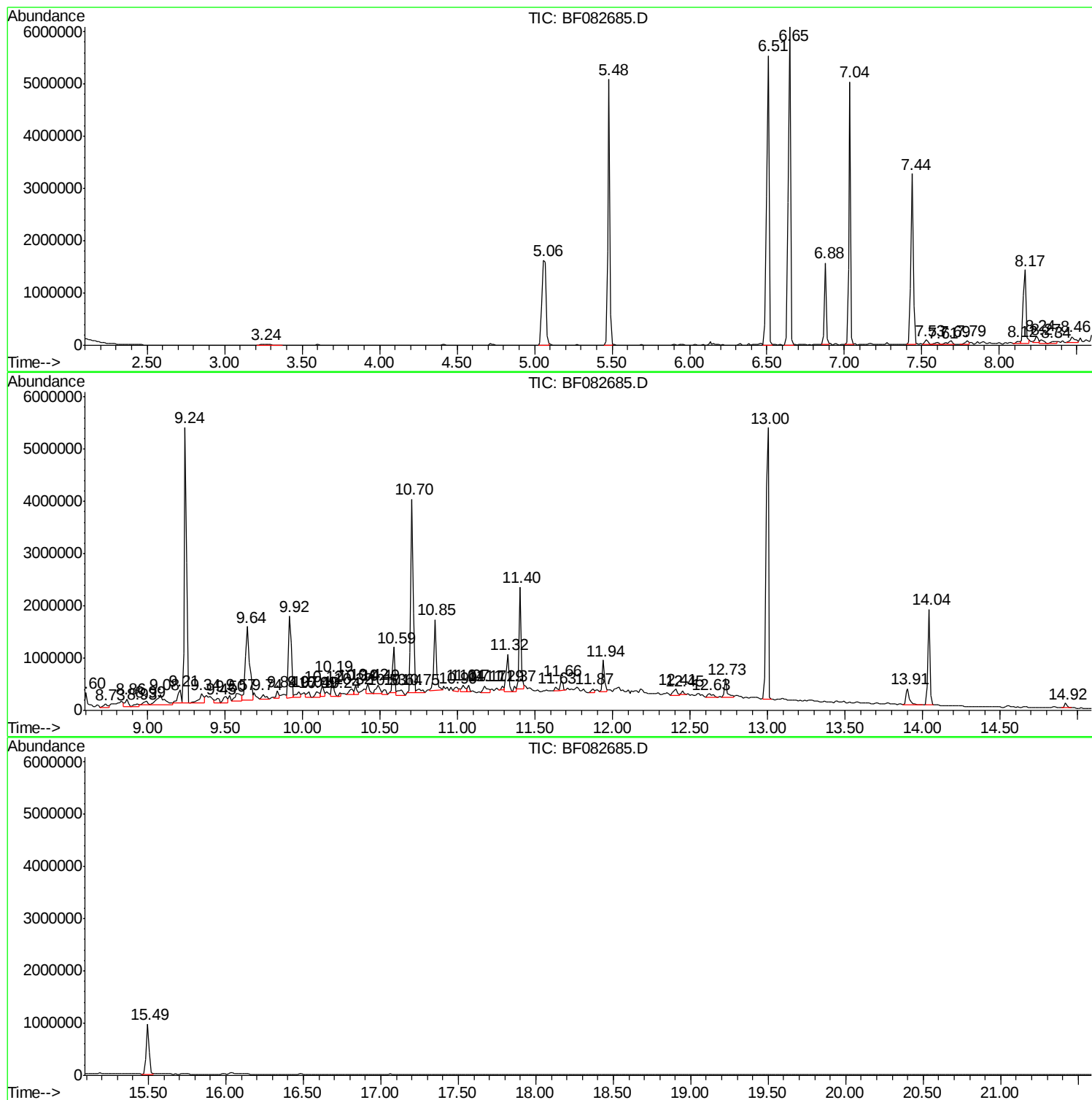
Sum of corrected areas: 71141008

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

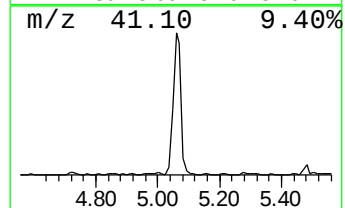
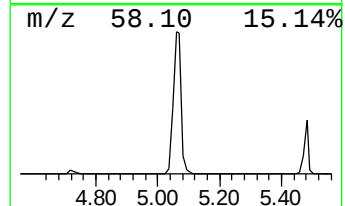
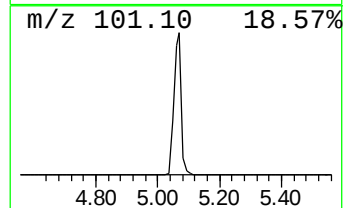
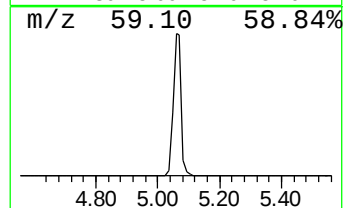
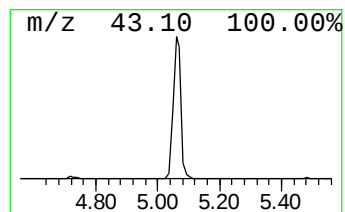
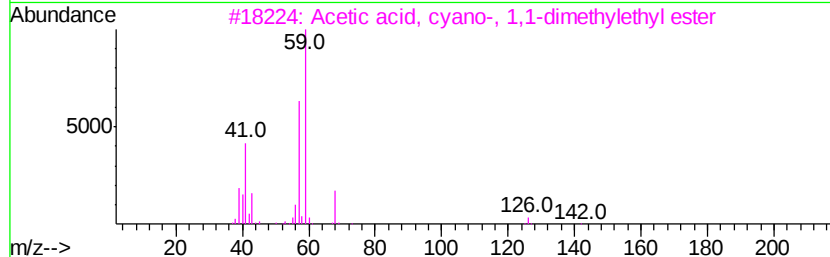
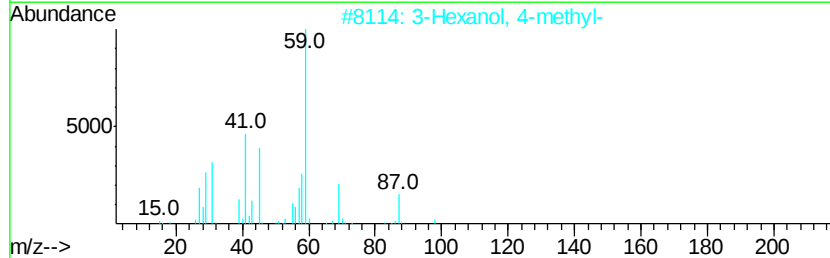
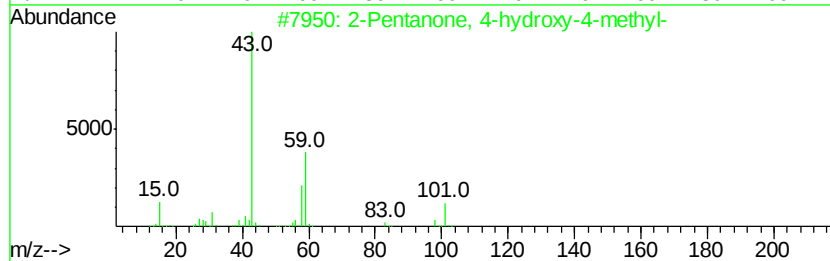
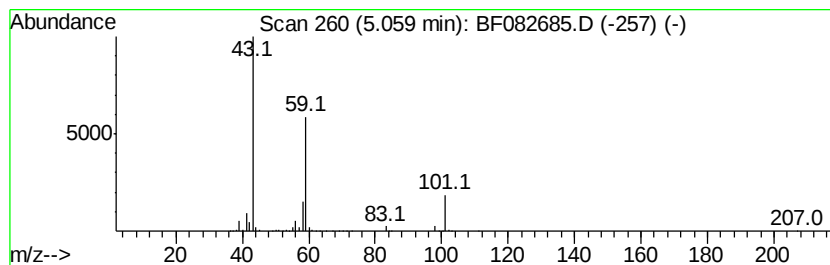
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	45.80 ng	2902280	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

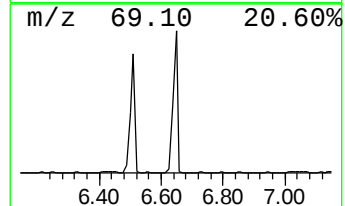
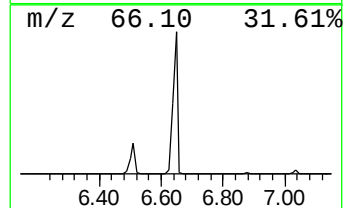
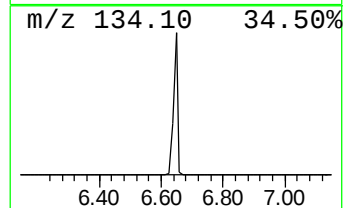
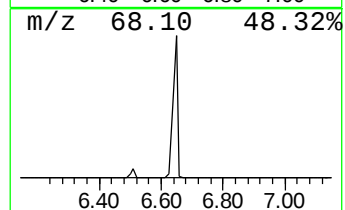
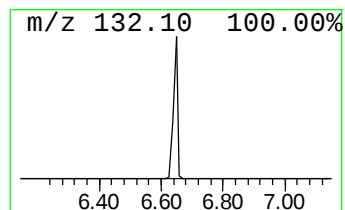
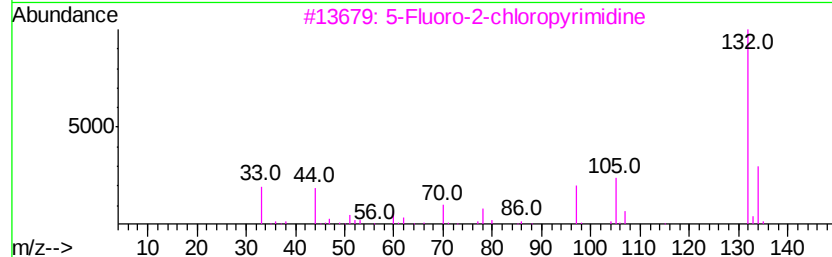
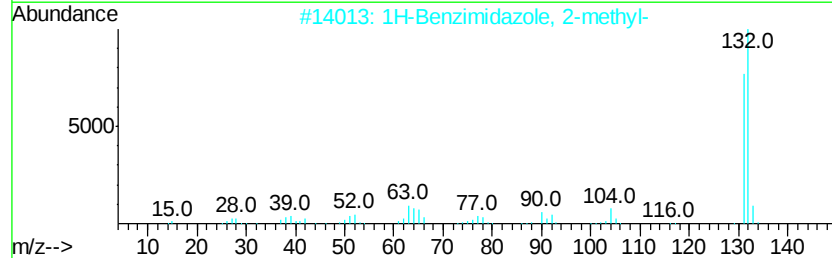
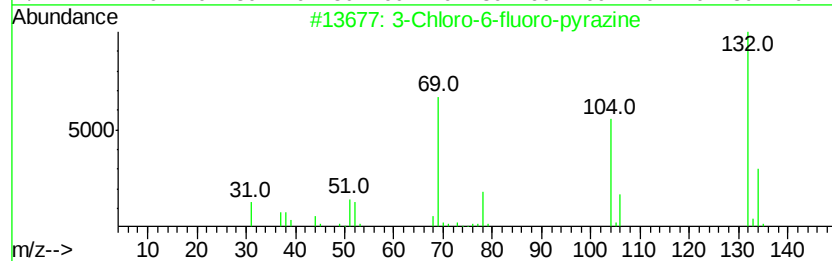
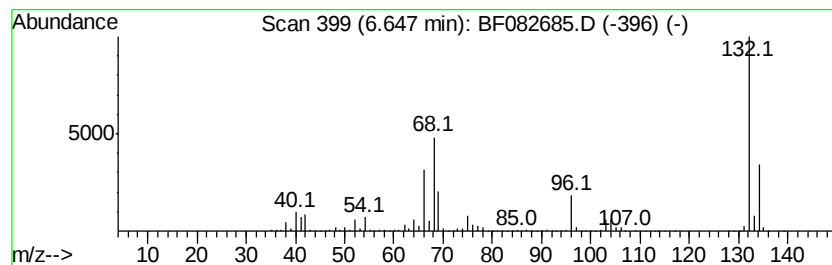
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	98.05 ng	6213830	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H	Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5	Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE		132	C8H8N2	1000241-93-9	10
5	Tranlylcypromine-propionyl		189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

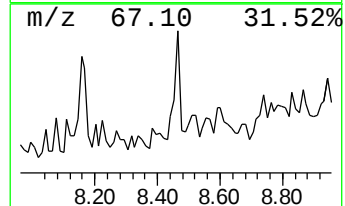
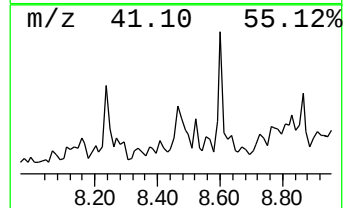
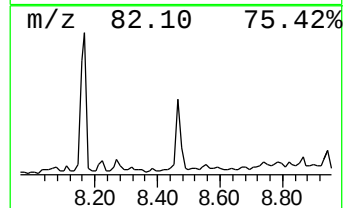
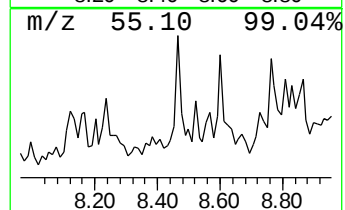
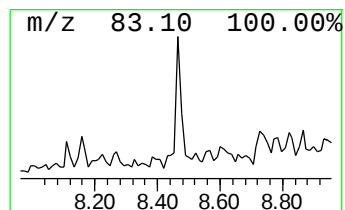
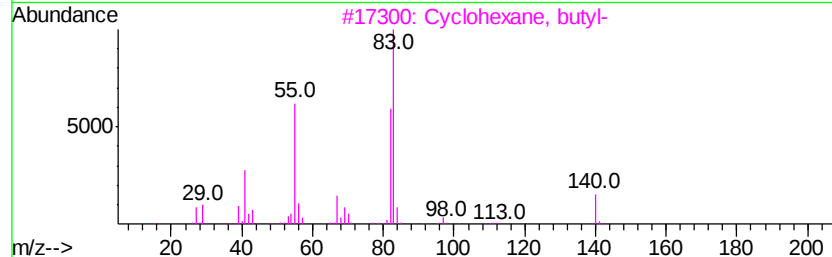
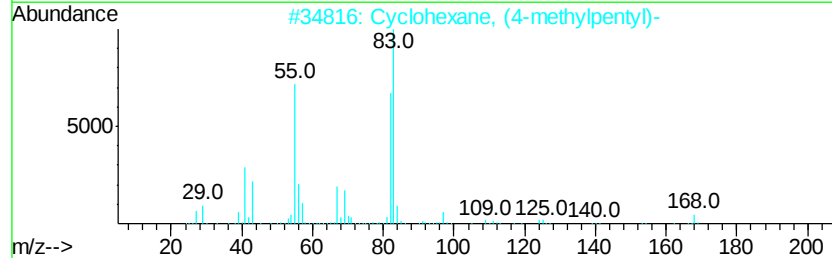
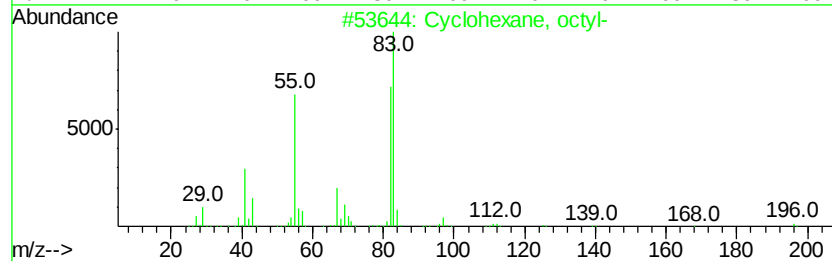
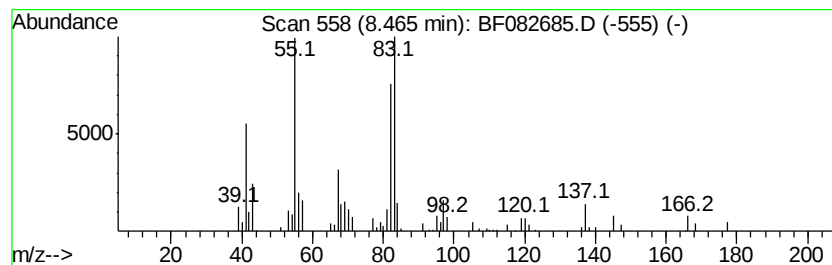
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, octyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	2.65 ng	229681	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

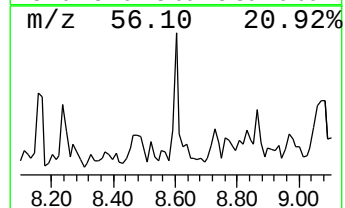
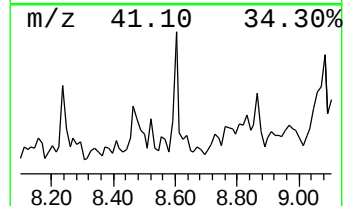
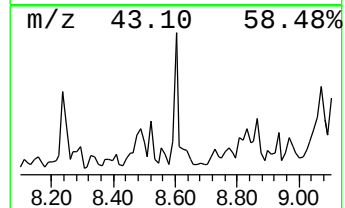
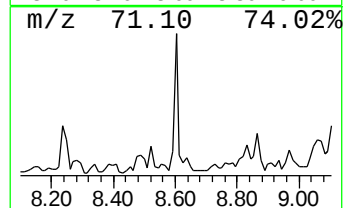
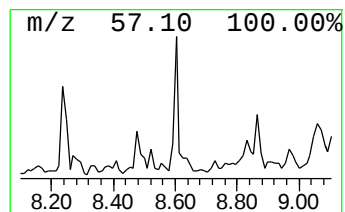
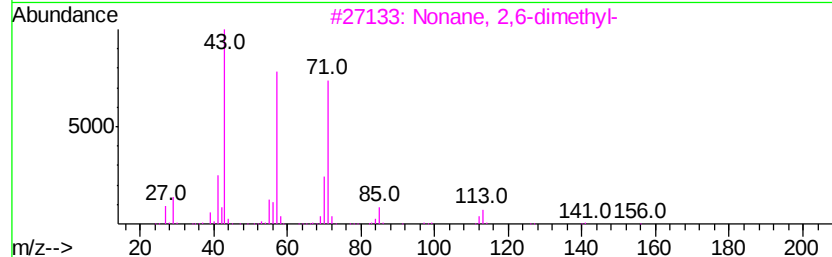
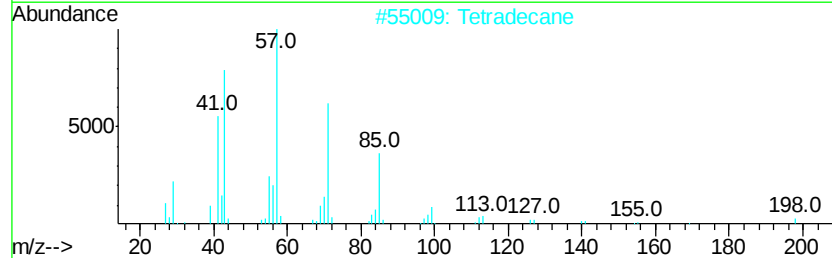
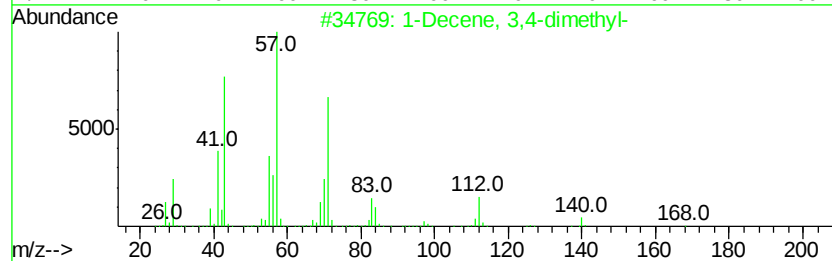
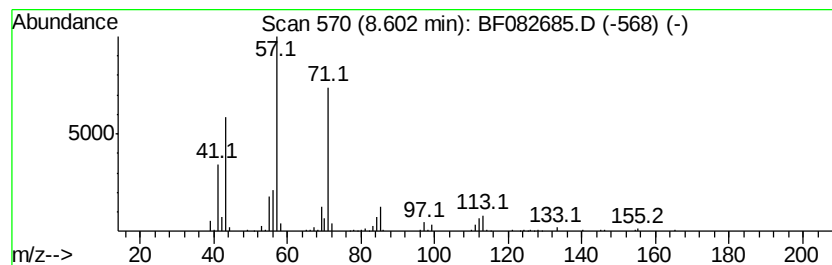
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Decene, 3,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.32 ng	288126	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4		Heptane, 3-[(ethenyl)oxy]methyl-	156	C10H20O	000103-44-6	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

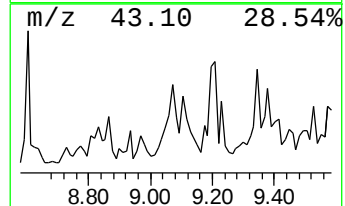
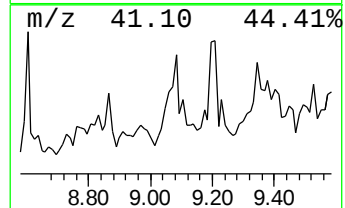
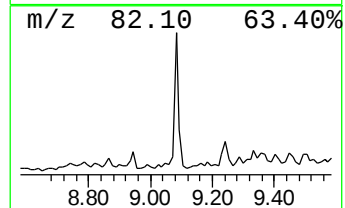
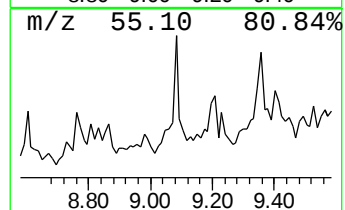
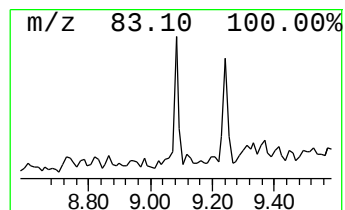
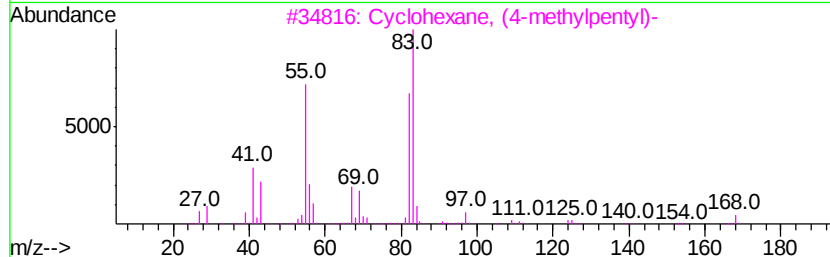
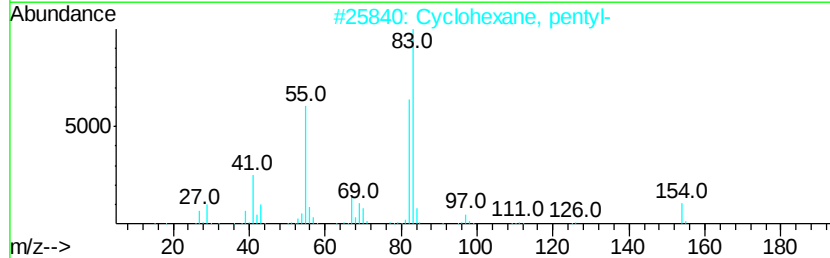
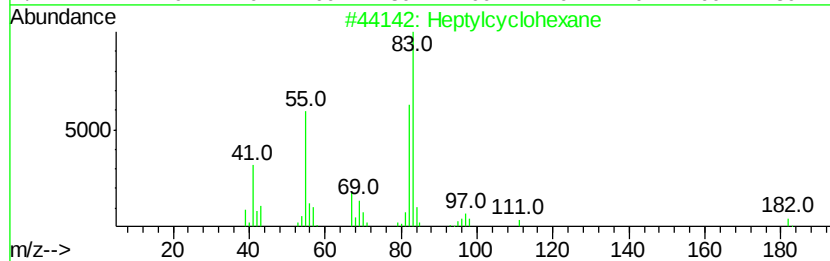
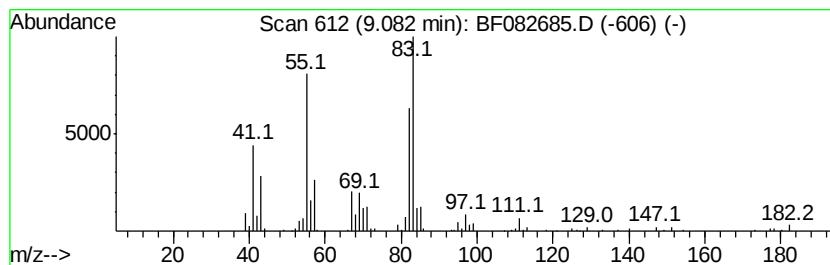
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	5.97 ng	619443	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	90
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

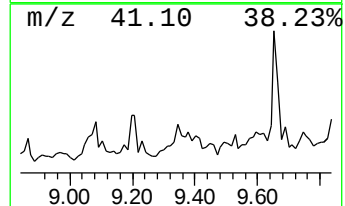
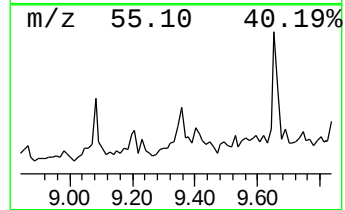
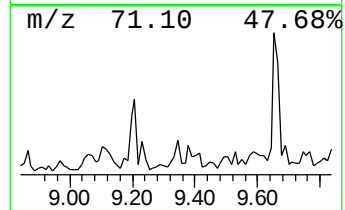
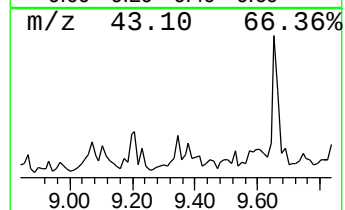
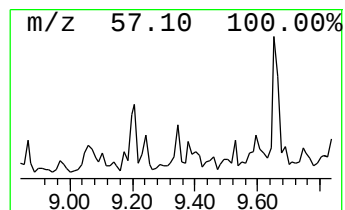
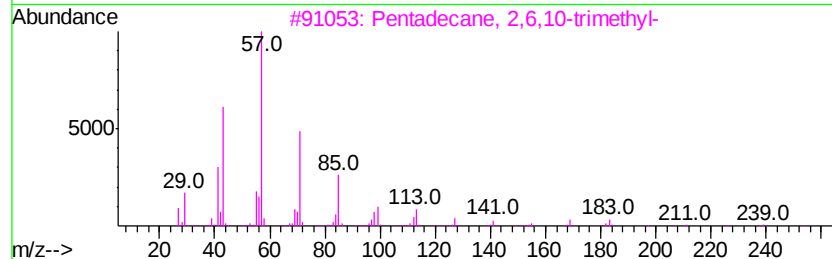
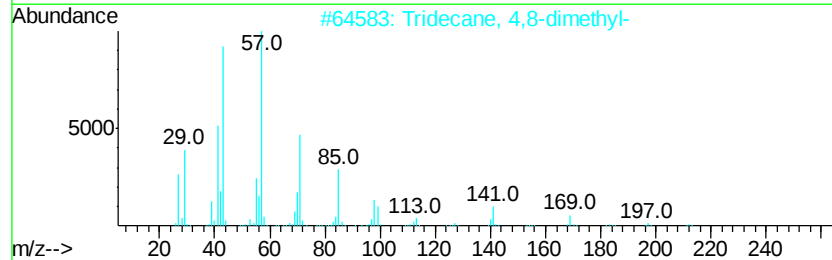
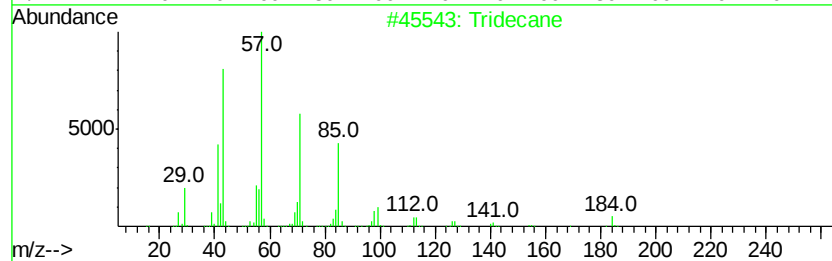
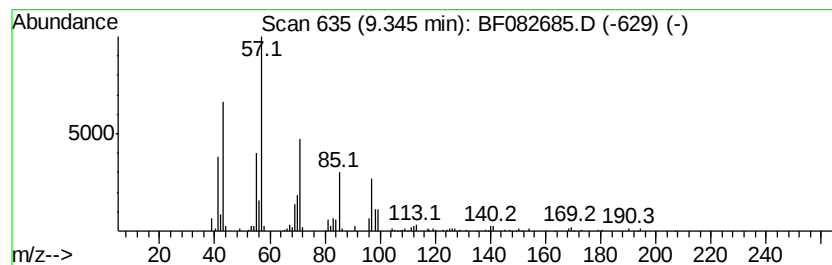
Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.34	4.52 ng	469447	Acenaphthene-d10		9.92		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	64
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
4			Nonadecane	268	C19H40	000629-92-5	58
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

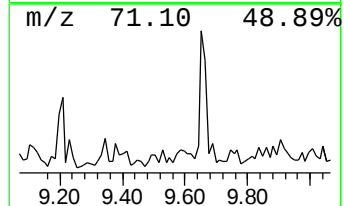
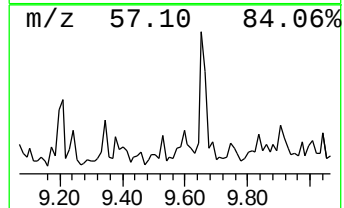
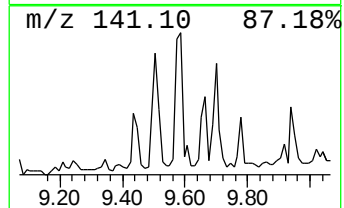
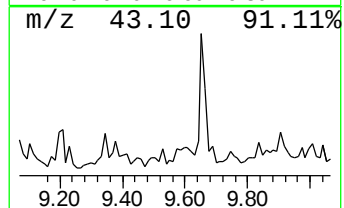
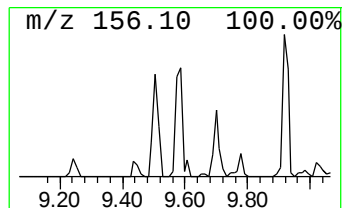
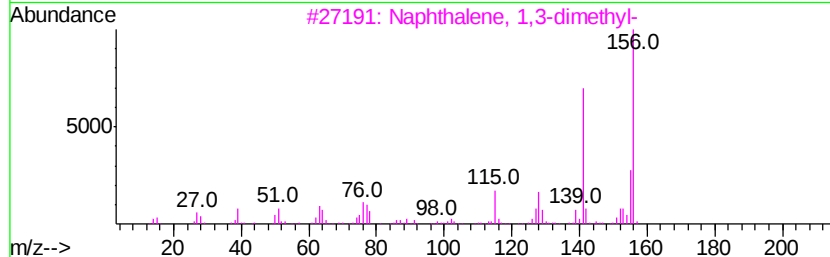
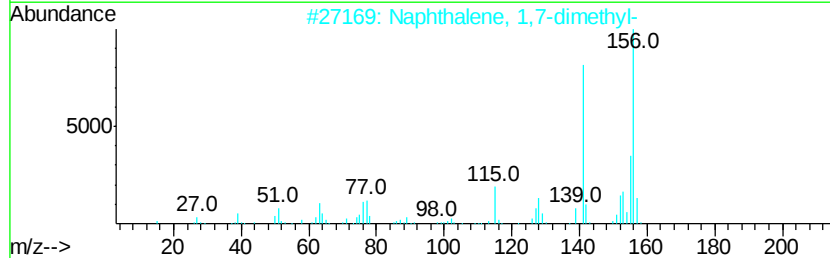
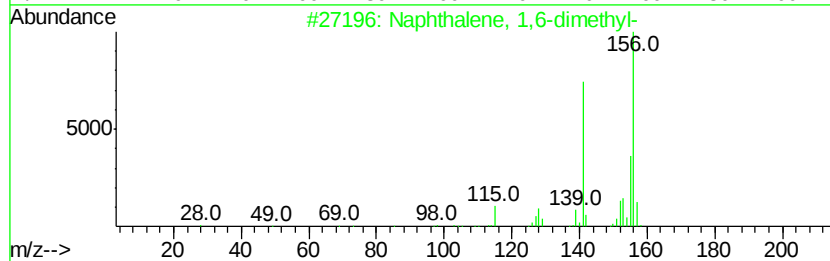
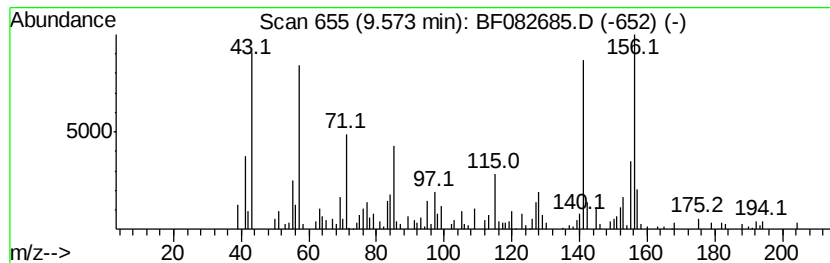
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.94 ng	409095	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

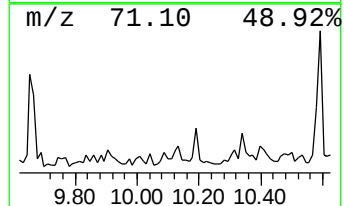
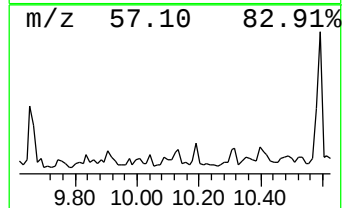
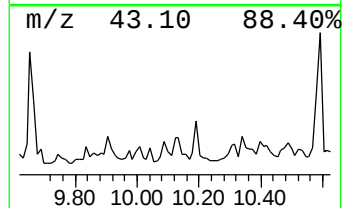
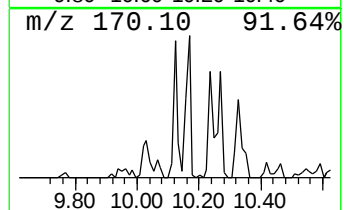
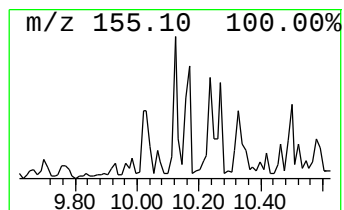
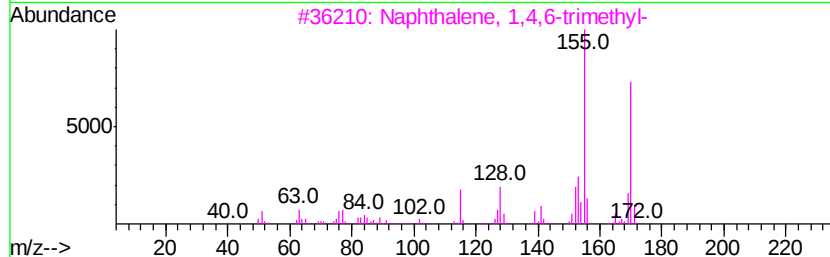
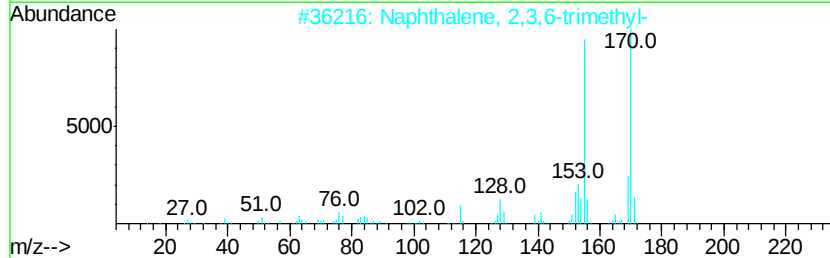
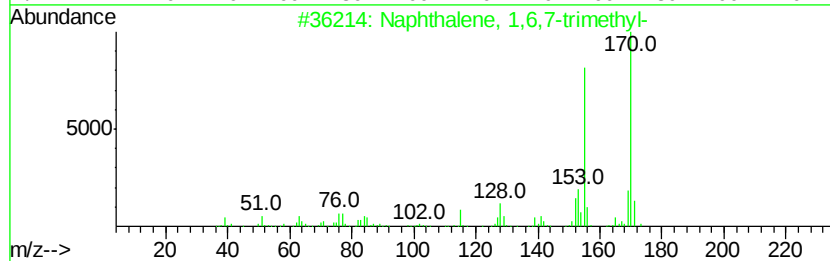
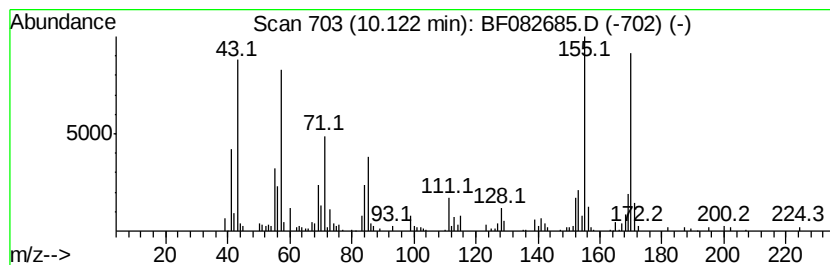
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.56 ng	265797	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	62
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

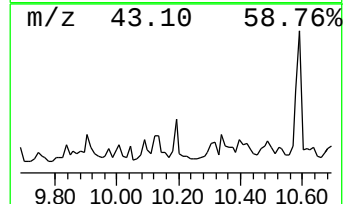
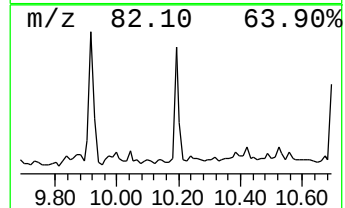
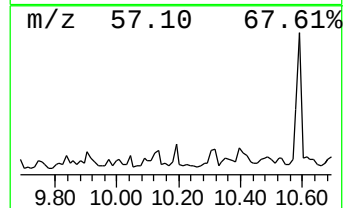
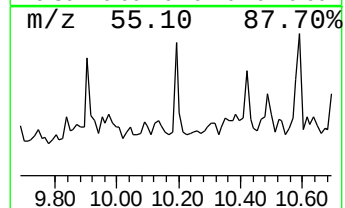
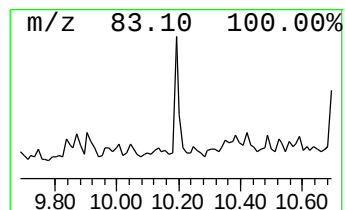
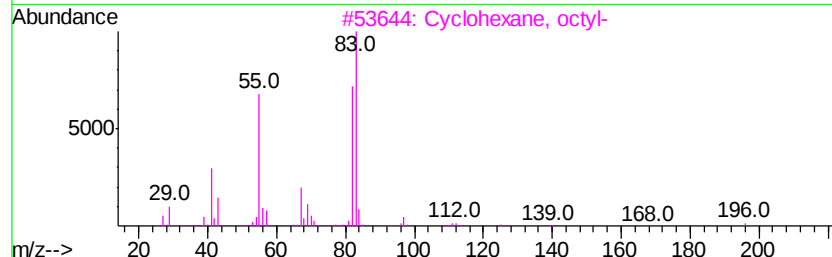
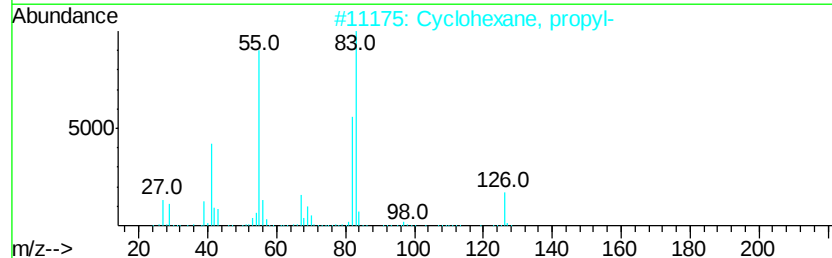
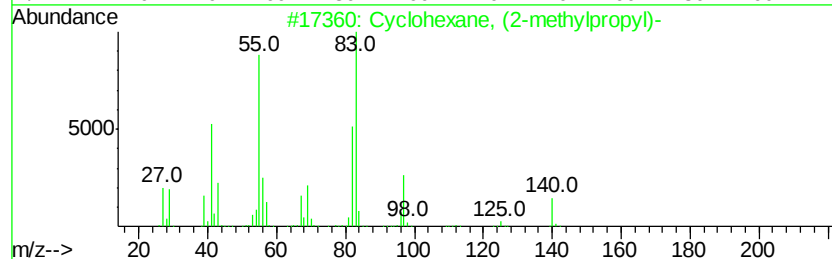
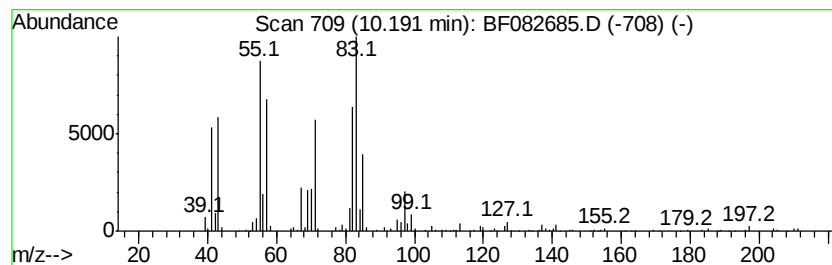
Instrument :
BNA_F
ClientSampled :
SB-05(8-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.19 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.19	3.15 ng	327378	Acenaphthene-d10		9.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2		Cvclohexane, propyl-	126	C9H18	001678-92-8	47
3		Cvclohexane, octyl-	196	C14H28	001795-15-9	47
4		Cvclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5		Cvclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

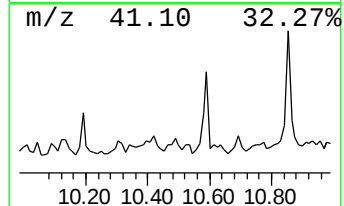
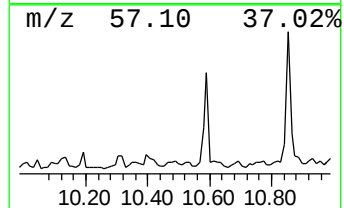
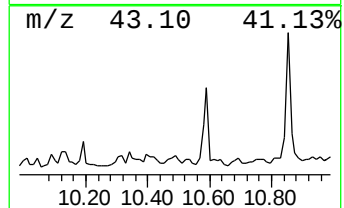
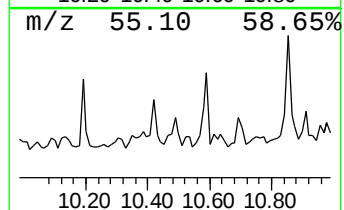
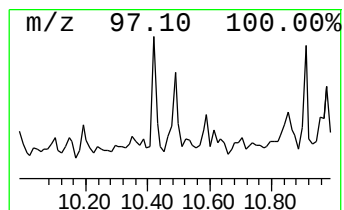
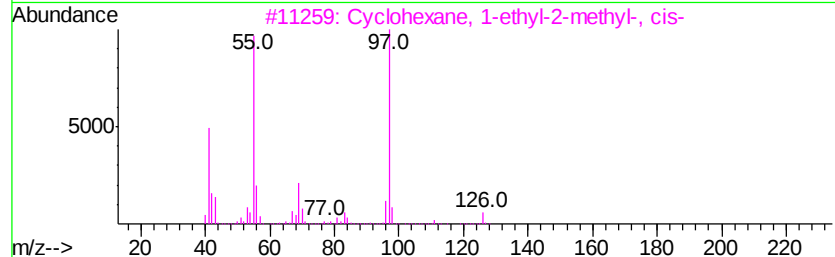
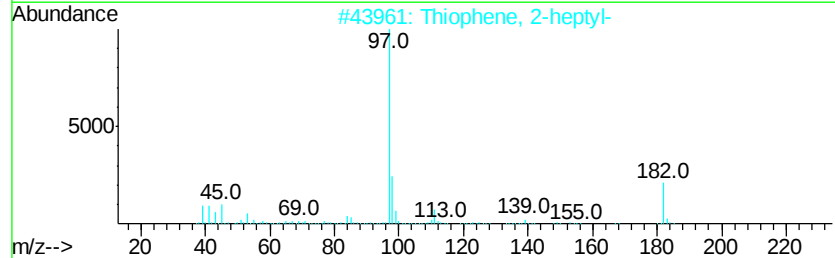
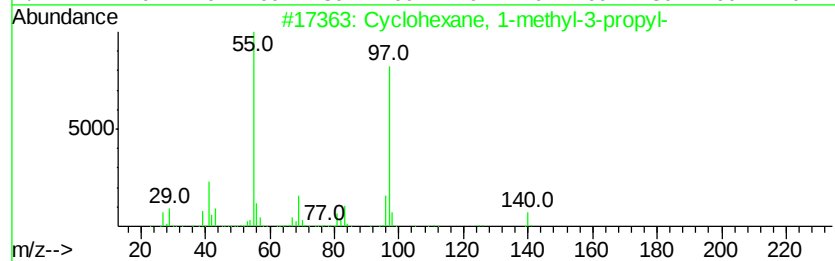
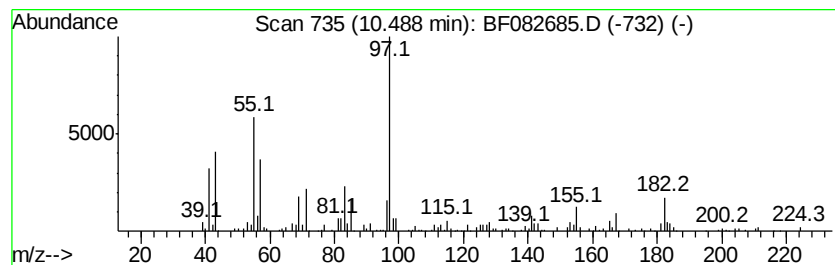
Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.49 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	2.72 ng	281992	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43
2	Thiophene, 2-heptyl-	182	C11H18S	018794-78-0	43
3	Cvclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
4	1H-Pyrazole, 4,5-dihvdro-3-methv...	126	C7H14N2	026964-49-8	38
5	3-Pentenoic acid, 2,2,4-trimethyl-	142	C8H14O2	004177-03-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

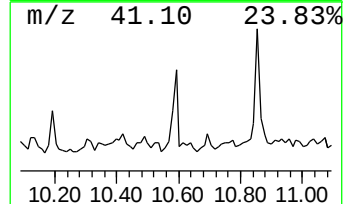
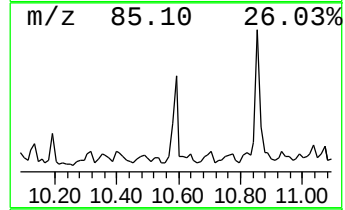
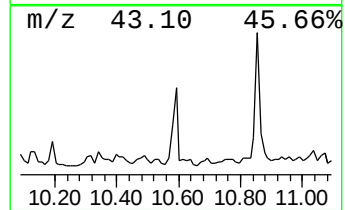
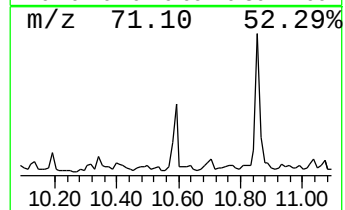
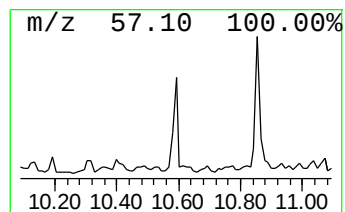
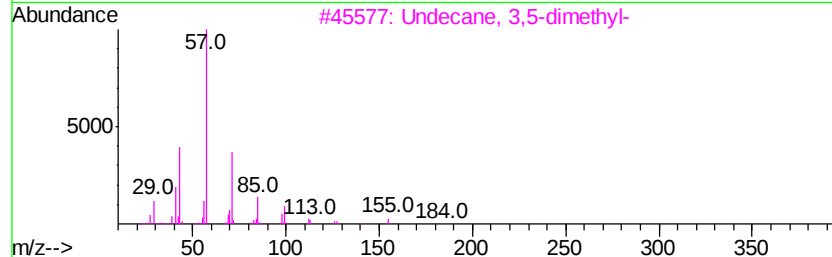
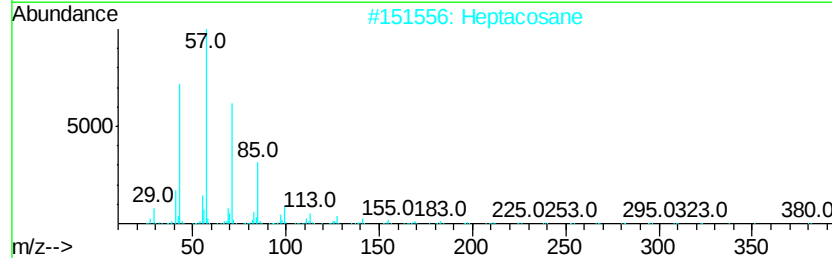
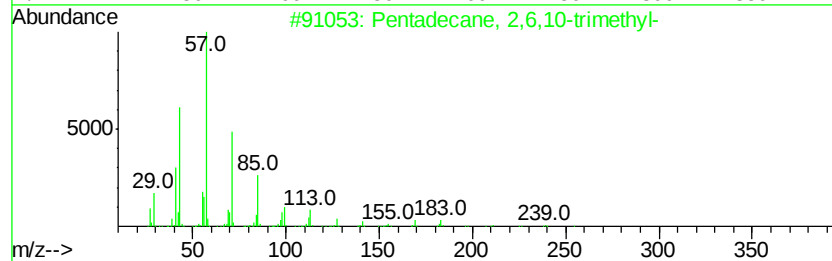
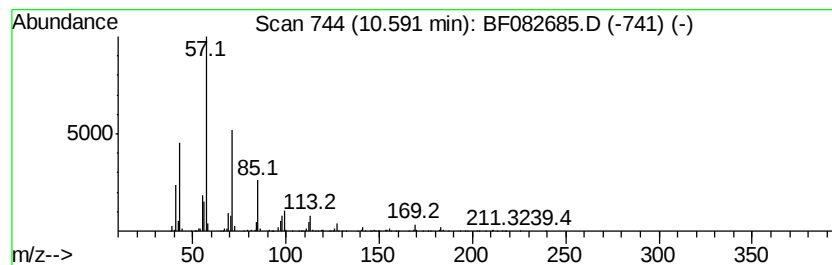
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	8.81 ng	914611	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

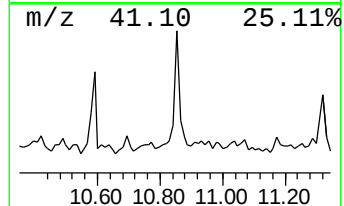
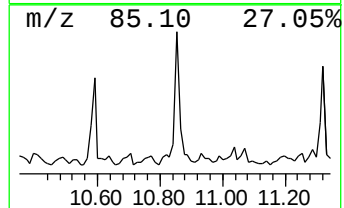
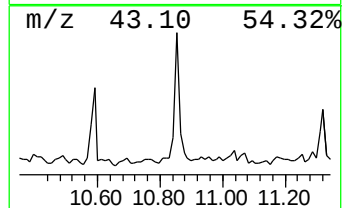
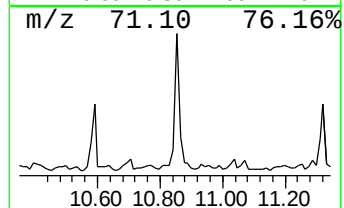
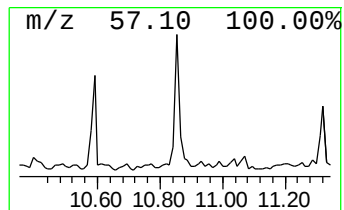
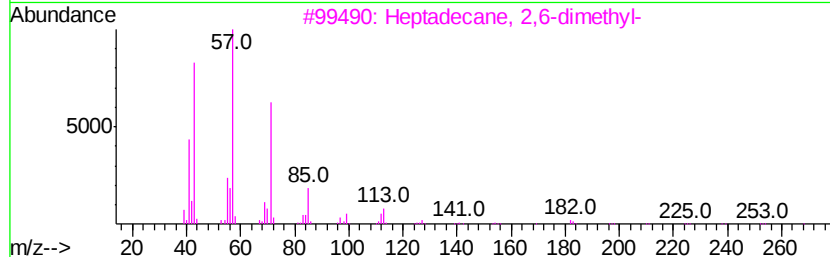
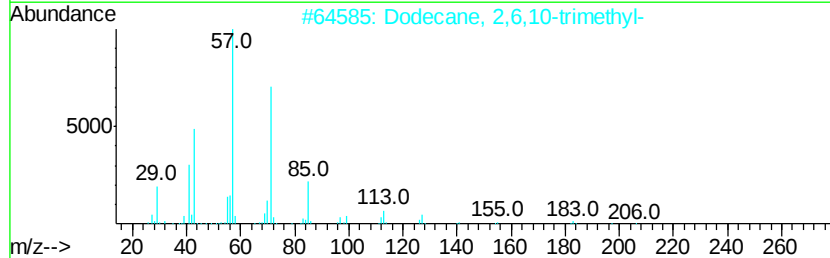
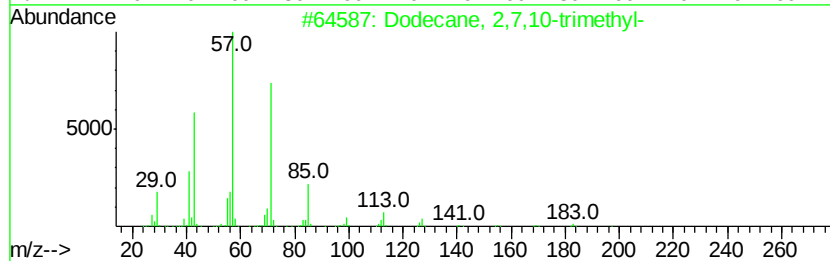
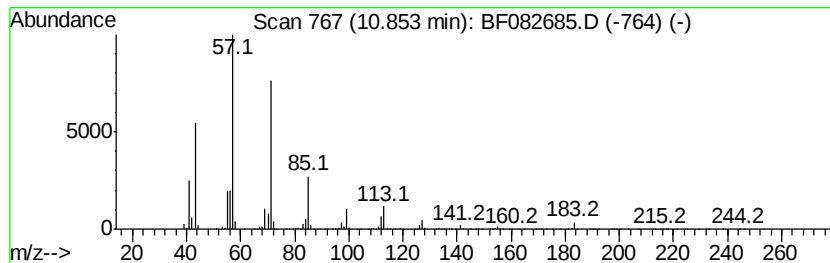
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	17.29 ng	1440040	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

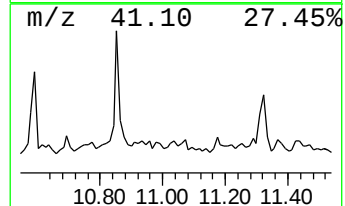
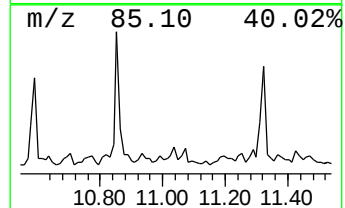
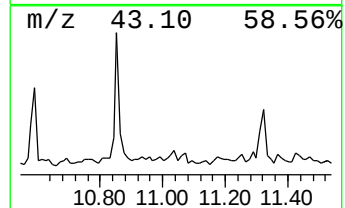
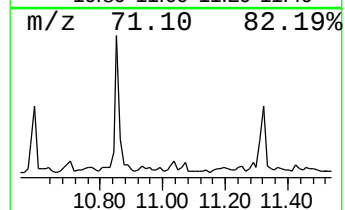
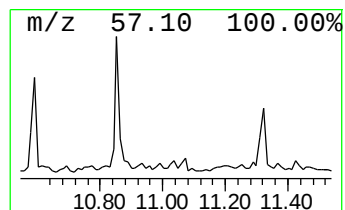
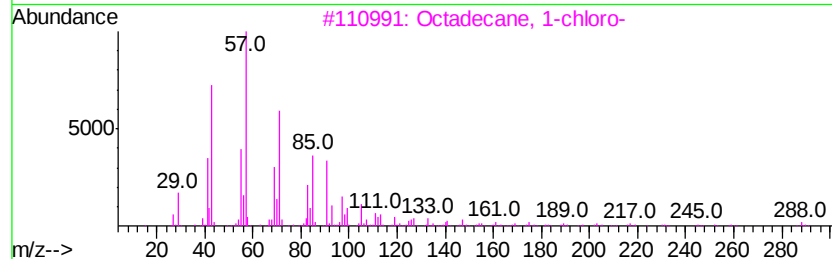
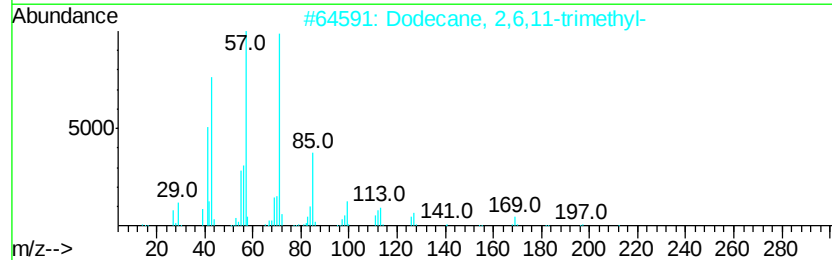
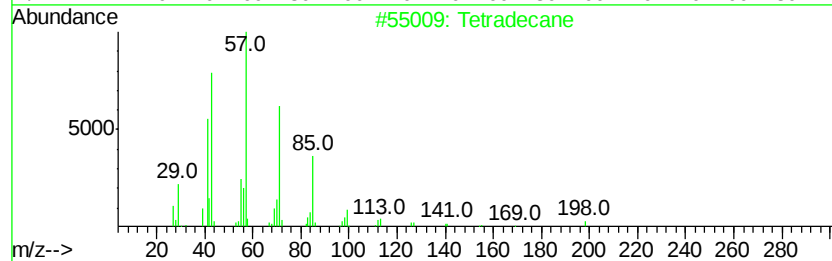
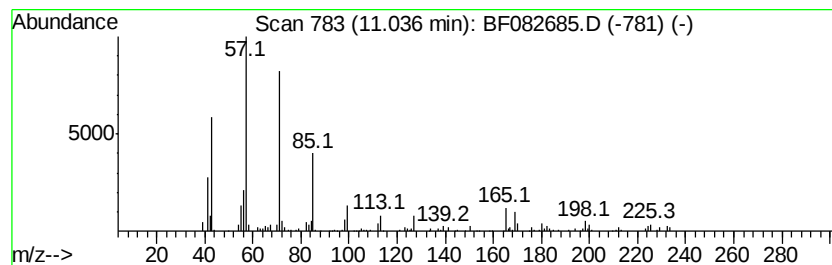
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.52 ng	210224	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	80
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

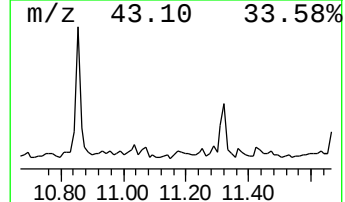
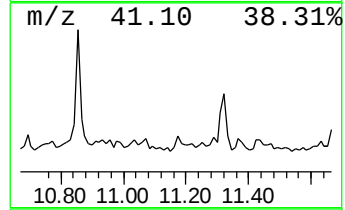
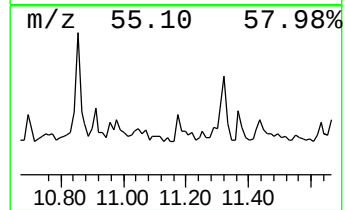
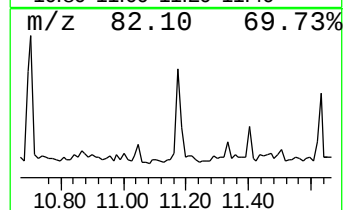
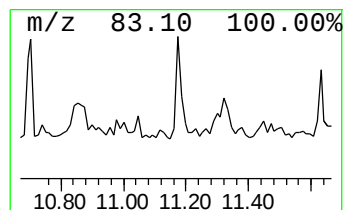
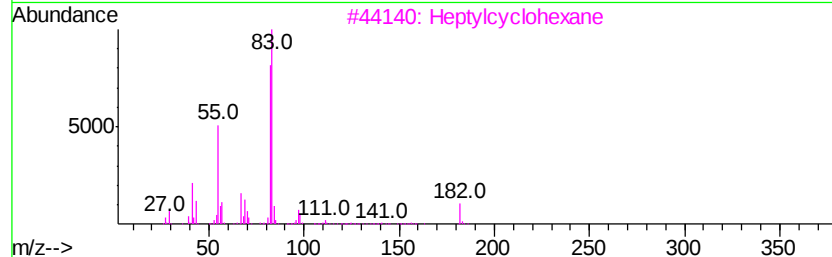
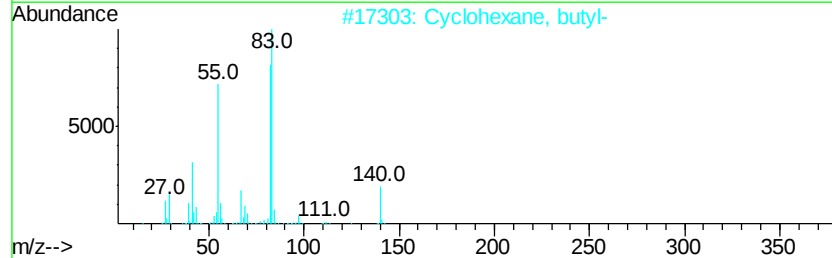
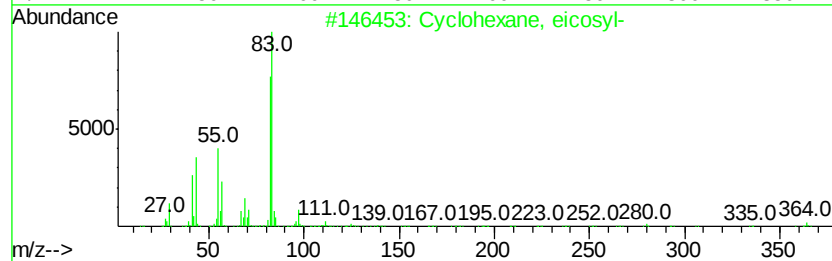
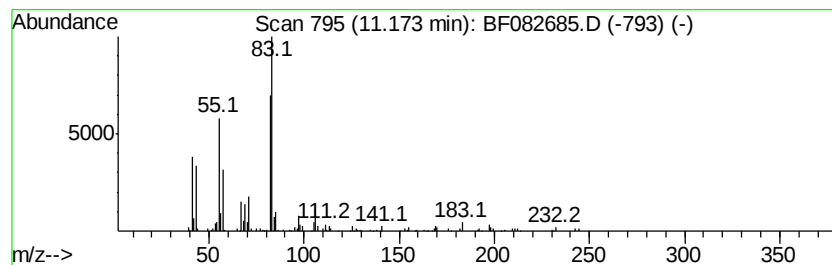
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, eicosyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.12 ng	260105	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	68
3		Heptylcyclohexane	182	C13H26	005617-41-4	64
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

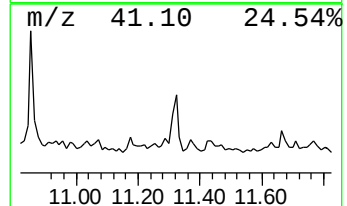
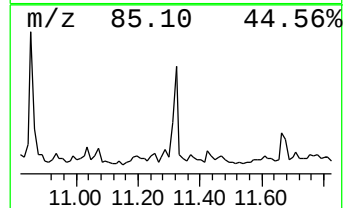
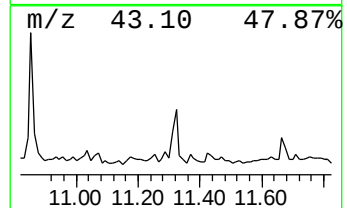
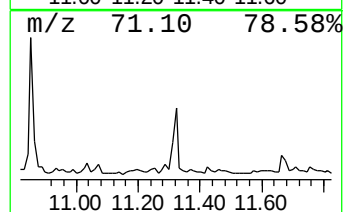
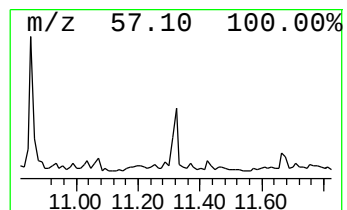
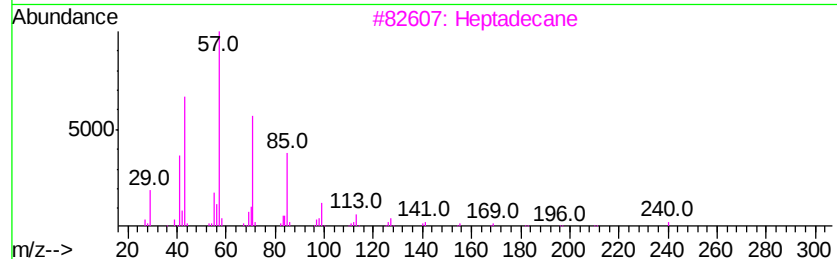
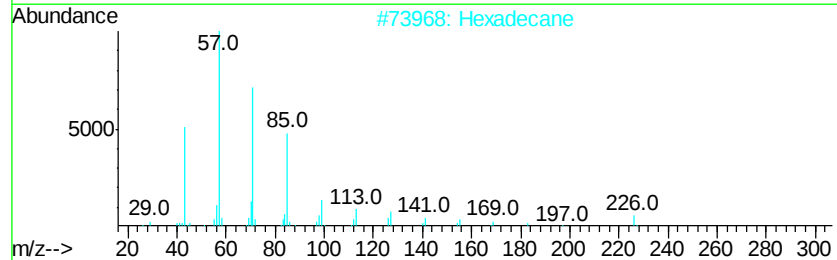
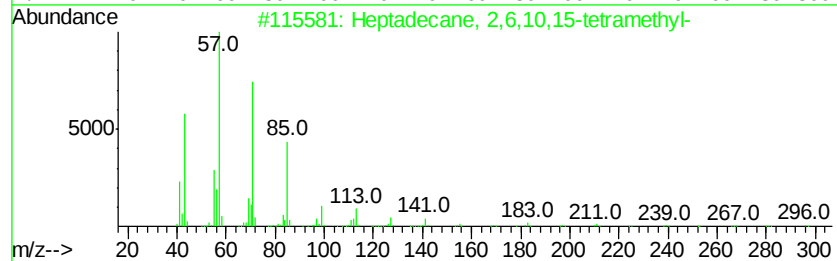
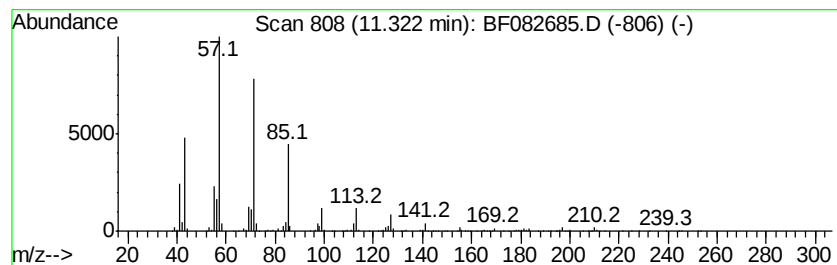
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	9.85 ng	820210	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

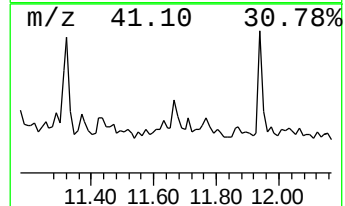
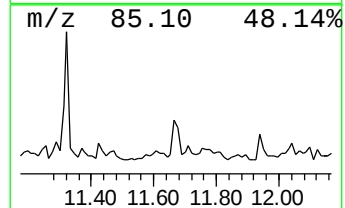
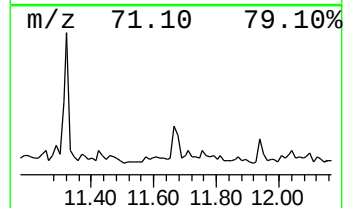
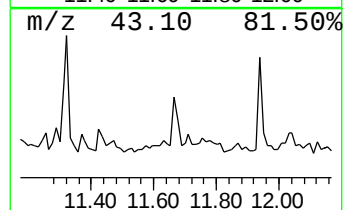
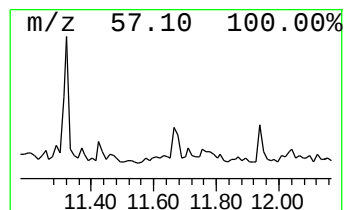
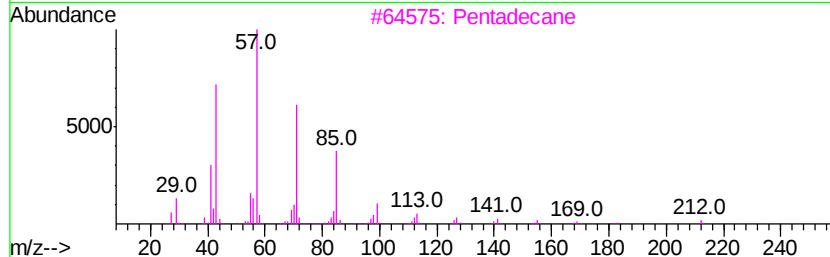
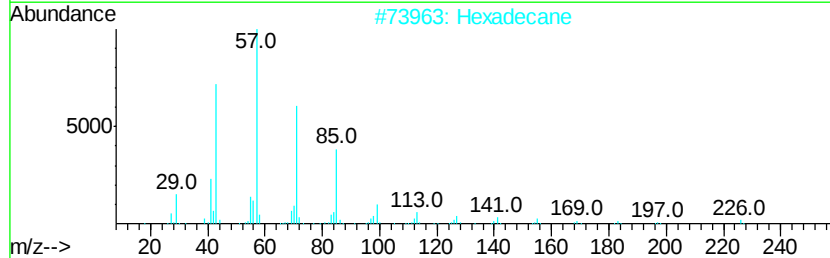
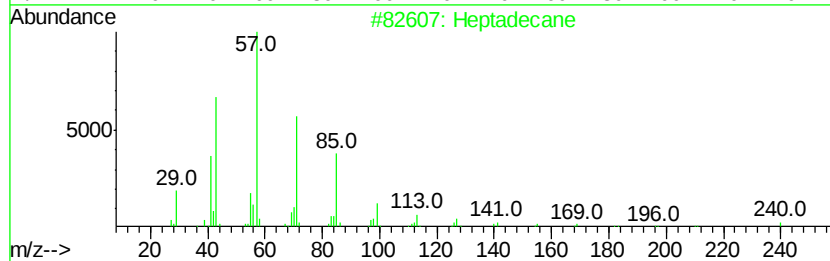
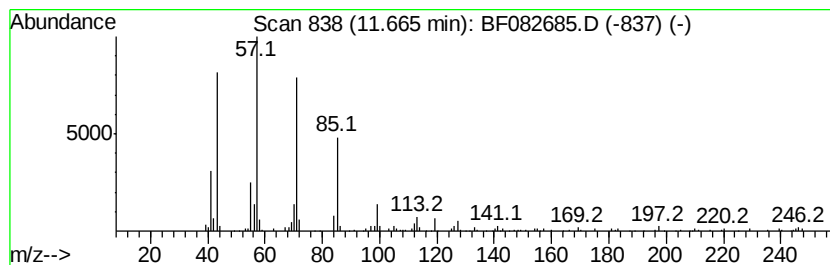
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.90 ng	241802	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Decane, 2-methyl-	156	C11H24	006975-98-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

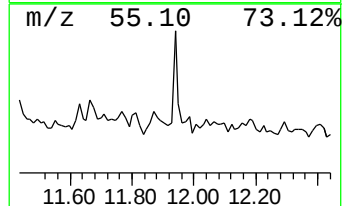
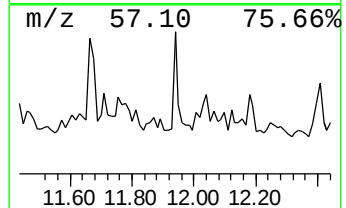
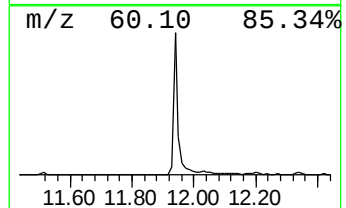
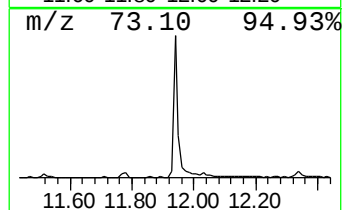
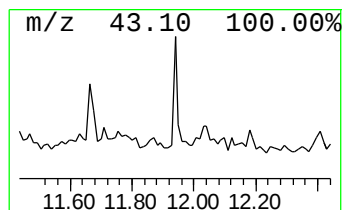
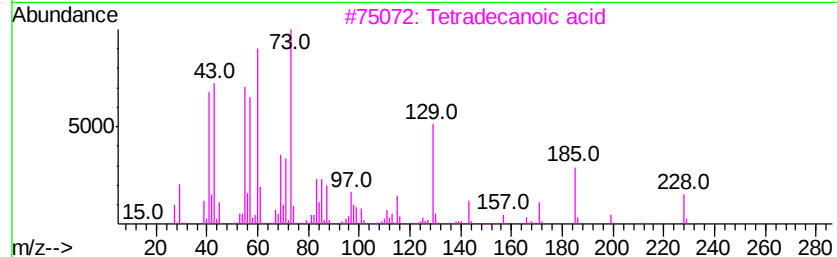
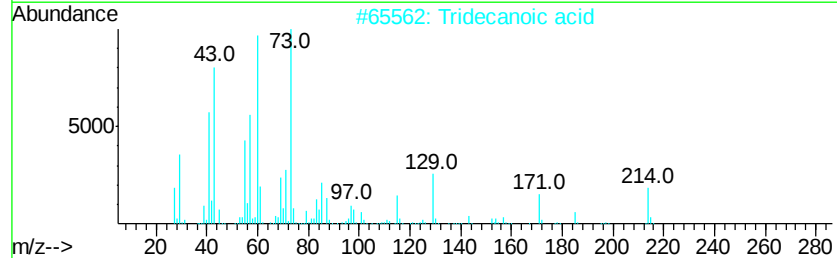
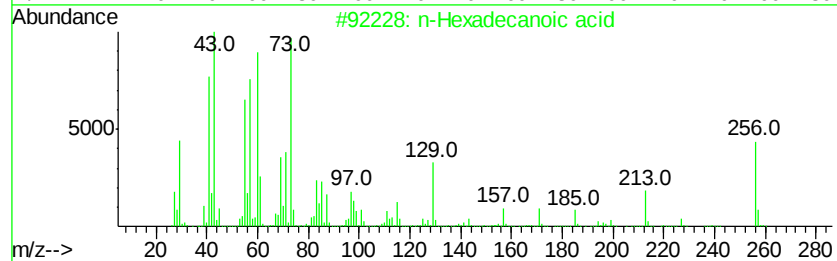
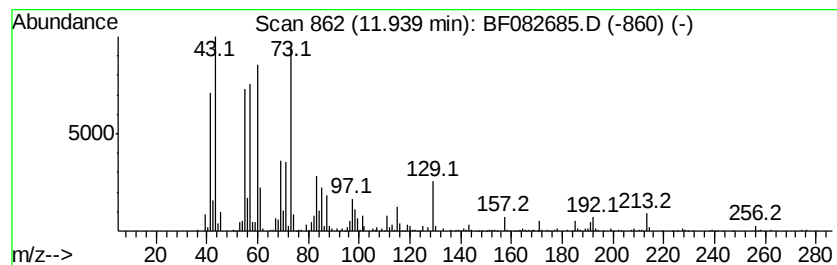
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.00 ng	582722	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			Undecanoic acid	186	C11H22O2	000112-37-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

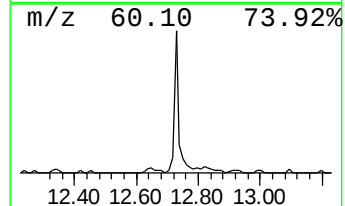
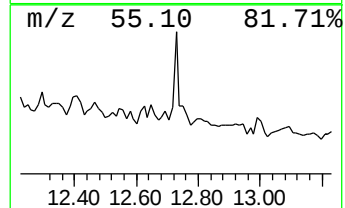
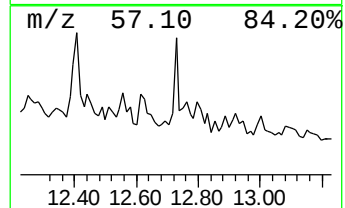
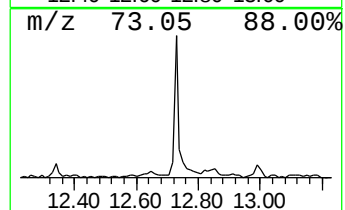
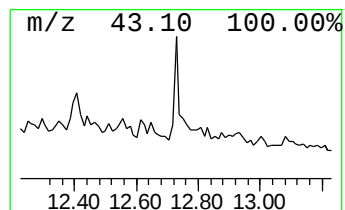
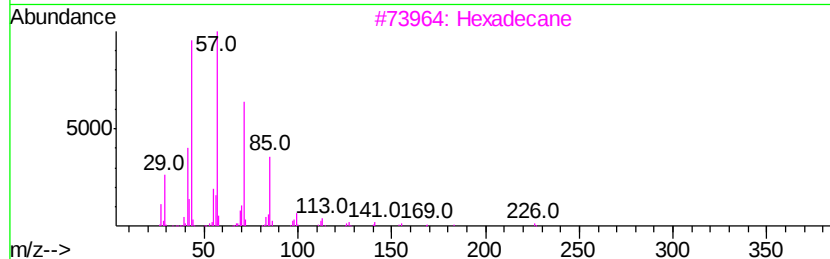
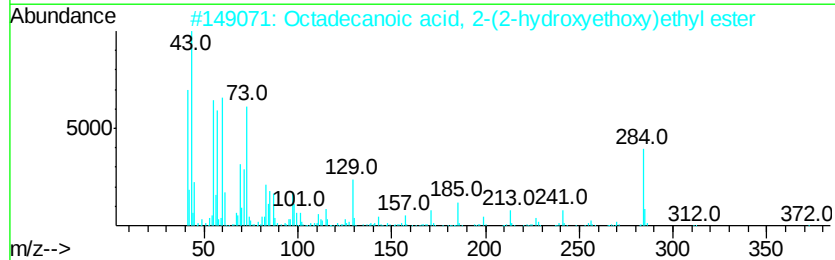
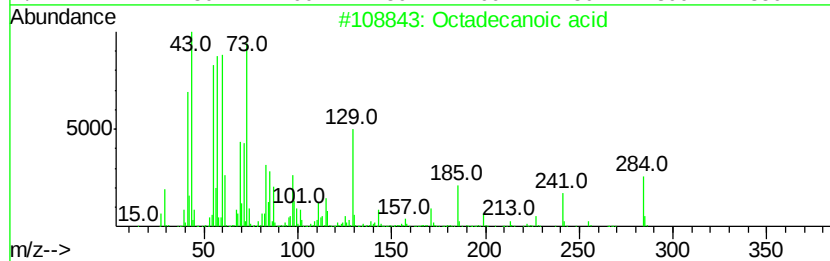
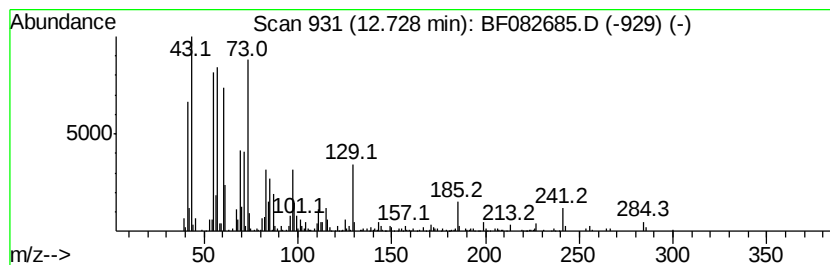
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	5.24 ng	423972	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
3			Hexadecane	226	C16H34	000544-76-3	53
4			n-Decanoic acid	172	C10H20O2	000334-48-5	43
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082685.D
Acq On : 4 Nov 2015 5:47
Operator : UM/IZ
Sample : G4240-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(8-10)

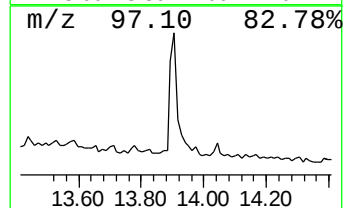
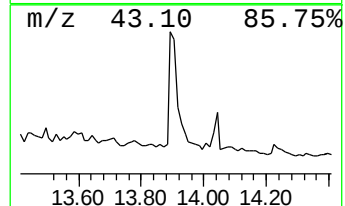
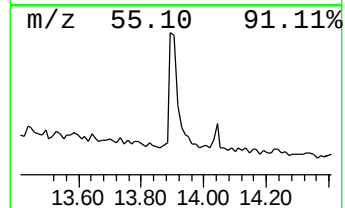
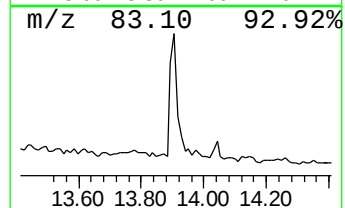
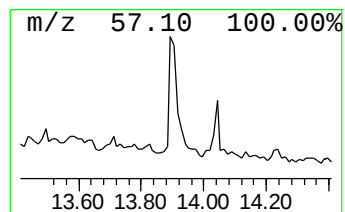
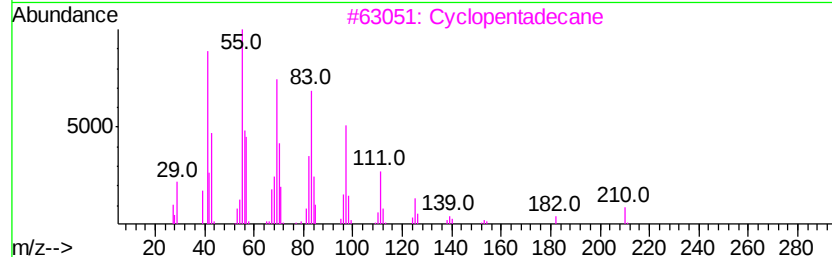
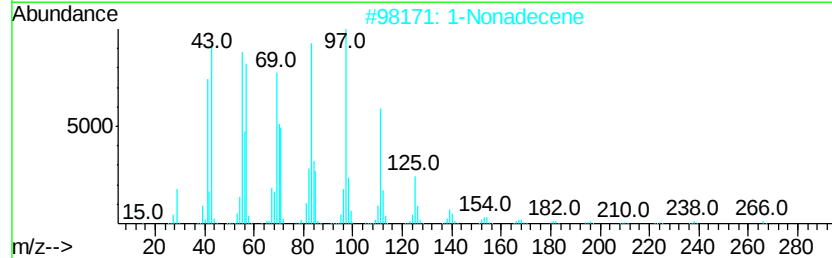
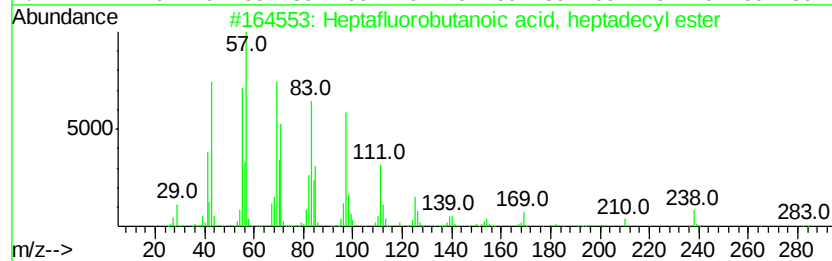
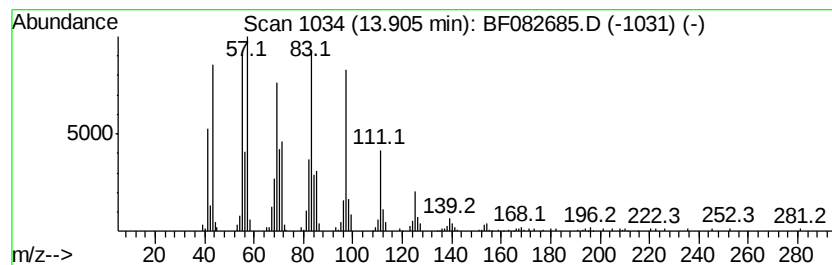
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptafluorobutanoic acid, h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	7.55 ng	610965	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Cyclopentadecane	210	C15H30	000295-48-7	90
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		1-Nonadecanol	284	C19H40O	001454-84-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
 Data File : BF082685.D
 Acq On : 4 Nov 2015 5:47
 Operator : UM/IZ
 Sample : G4240-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(8-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.06	45.8	ng	2902280	1	6.88	1267470	20.0
unknown6.65	6.65	98.0	ng	6213830	1	6.88	1267470	20.0
Cyclohexane, octyl-	8.46	2.6	ng	229681	2	8.17	1733880	20.0
1-Decene, 3,4-dim...	8.60	3.3	ng	288126	2	8.17	1733880	20.0
Heptylcyclohexane	9.08	6.0	ng	619443	3	9.92	2076690	20.0
Tridecane	9.34	4.5	ng	469447	3	9.92	2076690	20.0
Naphthalene, 1,6-...	9.57	3.9	ng	409095	3	9.92	2076690	20.0
Naphthalene, 1,6,...	10.12	2.6	ng	265797	3	9.92	2076690	20.0
unknown10.19	10.19	3.1	ng	327378	3	9.92	2076690	20.0
unknown10.49	10.49	2.7	ng	281992	3	9.92	2076690	20.0
Pentadecane, 2,6,...	10.59	8.8	ng	914611	3	9.92	2076690	20.0
Dodecane, 2,7,10-...	10.85	17.3	ng	1440040	4	11.40	1666020	20.0
Tetradecane	11.04	2.5	ng	210224	4	11.40	1666020	20.0
Cyclohexane, eico...	11.17	3.1	ng	260105	4	11.40	1666020	20.0
Heptadecane, 2,6,...	11.32	9.8	ng	820210	4	11.40	1666020	20.0
Heptadecane	11.67	2.9	ng	241802	4	11.40	1666020	20.0
n-Hexadecanoic acid	11.94	7.0	ng	582722	4	11.40	1666020	20.0
Octadecanoic acid	12.73	5.2	ng	423972	5	14.04	1617830	20.0
Heptafluorobutano...	13.91	7.5	ng	610965	5	14.04	1617830	20.0