

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088467.D
 Acq On : 27 Jun 2016 22:50
 Operator : UM/SJ
 Sample : H3630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

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-BF060716.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	1.690	7	9	50	rVB	962818	2231786	86.21%	3.215%
2	4.524	255	257	261	rVB	65467	102045	3.94%	0.147%
3	4.593	261	263	266	rBV	86489	103931	4.01%	0.150%
4	4.650	266	268	275	rBV	88107	177992	6.88%	0.256%
5	4.833	282	284	287	rBV2	67998	110985	4.29%	0.160%
6	5.050	302	303	306	rVB	73219	91793	3.55%	0.132%
7	5.119	307	309	317	rBV	1267368	1507228	58.22%	2.171%
8	5.233	317	319	321	rBV	88322	103096	3.98%	0.149%
9	5.279	321	323	325	rVB	108832	118114	4.56%	0.170%
10	5.324	325	327	332	rVB2	78701	133555	5.16%	0.192%
11	5.507	338	343	345	rBV3	156469	237986	9.19%	0.343%
12	5.576	345	349	353	rBV4	59725	172664	6.67%	0.249%
13	5.644	353	355	358	rVB2	173444	290536	11.22%	0.419%
14	5.713	358	361	363	rBV2	96723	175610	6.78%	0.253%
15	5.759	363	365	368	rVB3	414119	638921	24.68%	0.920%
16	5.816	368	370	374	rBV2	198238	389370	15.04%	0.561%
17	5.873	374	375	379	rVB3	82007	133229	5.15%	0.192%
18	5.964	379	383	386	rBV2	268859	457607	17.68%	0.659%
19	6.033	386	389	391	rBV2	358663	564405	21.80%	0.813%
20	6.079	391	393	395	rVB3	107705	185218	7.15%	0.267%
21	6.124	395	397	399	rBV	66640	116997	4.52%	0.169%
22	6.170	399	401	402	rBV2	123246	146661	5.67%	0.211%
23	6.216	402	405	408	rVB	1144123	1375170	53.12%	1.981%
24	6.273	408	410	411	rBV	262644	375333	14.50%	0.541%
25	6.319	411	414	416	rVB	1232791	1689472	65.26%	2.434%
26	6.387	418	420	422	rBV2	152489	229263	8.86%	0.330%
27	6.490	426	429	432	rBV5	137372	425320	16.43%	0.613%
28	6.536	432	433	434	rBV	294011	318045	12.29%	0.458%
29	6.570	434	436	437	rVB	534895	625305	24.15%	0.901%
30	6.605	437	439	443	rBV3	155059	404287	15.62%	0.582%
31	6.696	443	447	451	rVB3	1577667	2389160	92.29%	3.442%
32	6.799	451	456	457	rBV4	270006	669375	25.86%	0.964%
33	6.890	463	464	465	rBV	115253	135166	5.22%	0.195%
34	6.925	465	467	469	rVB2	354768	435757	16.83%	0.628%

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35	6.959	469	470	474	rBV3	170568	245883	9.50%	0.354%
36	7.085	474	481	483	rBV3	505913	1414856	54.65%	2.038%
37	7.119	483	484	488	rVB2	837258	1107715	42.79%	1.596%
38	7.199	488	491	493	rVB3	489261	854208	33.00%	1.231%
39	7.267	493	497	499	rBV2	432426	958311	37.02%	1.381%
40	7.325	499	502	503	rBV3	283684	513427	19.83%	0.740%
41	7.347	503	504	507	rVB	964394	888160	34.31%	1.280%
42	7.405	507	509	511	rBV2	186747	278732	10.77%	0.402%
43	7.462	511	514	516	rBV2	1027437	1731253	66.87%	2.494%
44	7.530	519	520	522	rVB2	173470	194958	7.53%	0.281%
45	7.576	522	524	526	rBV	270070	386023	14.91%	0.556%
46	7.667	529	532	533	rBV2	324880	526654	20.34%	0.759%
47	7.713	533	536	540	rBV3	328615	964444	37.25%	1.389%
48	7.827	540	546	548	rBV5	924641	2382157	92.02%	3.432%
49	7.885	548	551	552	rBV3	356908	834427	32.23%	1.202%
50	7.919	552	554	557	rVV2	1276439	1511666	58.39%	2.178%
51	8.045	559	565	567	rBV6	366897	1264523	48.84%	1.822%
52	8.136	569	573	575	rBV3	830730	1430615	55.26%	2.061%
53	8.170	575	576	577	rVB	208950	146630	5.66%	0.211%
54	8.285	583	586	589	rBV	1583431	2588865	100.00%	3.730%
55	8.342	589	591	592	rVV	187117	228797	8.84%	0.330%
56	8.376	592	594	595	rVV2	269041	269670	10.42%	0.389%
57	8.445	598	600	602	rVV2	458800	1060139	40.95%	1.527%
58	8.536	606	608	610	rVB3	675489	1104389	42.66%	1.591%
59	8.570	610	611	612	rBV	143135	182403	7.05%	0.263%
60	8.605	612	614	616	rVV2	232571	400649	15.48%	0.577%
61	8.650	616	618	622	rVV4	673593	1153855	44.57%	1.662%
62	8.753	623	627	628	rVV2	901000	1314840	50.79%	1.894%
63	8.788	628	630	631	rVV2	154793	204244	7.89%	0.294%
64	8.810	631	632	634	rVB2	286706	386110	14.91%	0.556%
65	8.879	634	638	639	rBV	1680707	2327421	89.90%	3.353%
66	8.913	639	641	645	rVB	1299705	1334102	51.53%	1.922%
67	9.016	646	650	652	rVV3	571131	1160976	44.84%	1.673%
68	9.050	652	653	655	rVV2	357231	476681	18.41%	0.687%
69	9.119	657	659	661	rVB3	354891	436040	16.84%	0.628%
70	9.176	661	664	666	rBV	639494	1157835	44.72%	1.668%
71	9.222	666	668	669	rBV2	309984	251774	9.73%	0.363%

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72	9.256	669	671	672	rBV	639187	996899	38.51%	1.436%
73	9.279	672	673	675	rVV2	665920	766440	29.61%	1.104%
74	9.325	675	677	680	rVB2	1457684	1814155	70.08%	2.614%
75	9.428	685	686	689	rVV3	428209	1020490	39.42%	1.470%
76	9.485	689	691	693	rVV3	493796	962647	37.18%	1.387%
77	9.531	693	695	696	rVV	644242	776220	29.98%	1.118%
78	9.576	696	699	701	rVV3	682569	1633598	63.10%	2.353%
79	9.622	701	703	707	rVV4	372030	1091133	42.15%	1.572%
80	9.691	707	709	711	rVV2	436856	696575	26.91%	1.004%
81	9.736	711	713	716	rVV3	212396	613332	23.69%	0.884%
82	9.782	716	717	720	rVV2	463983	789928	30.51%	1.138%
83	9.851	720	723	725	rVV2	488654	825561	31.89%	1.189%
84	9.896	725	727	729	rVV3	271872	372351	14.38%	0.536%
85	9.931	729	730	733	rVV3	182394	246031	9.50%	0.354%
86	9.976	733	734	736	rVV2	218134	303455	11.72%	0.437%
87	10.022	736	738	741	rVV2	222421	316506	12.23%	0.456%
88	10.068	741	742	745	rVB3	159751	262590	10.14%	0.378%
89	10.148	745	749	751	rBV4	123804	322432	12.45%	0.465%
90	10.239	755	757	759	rVB	472214	503404	19.44%	0.725%
91	10.285	759	761	763	rVB2	98016	153547	5.93%	0.221%
92	10.365	766	768	771	rBV2	572092	709699	27.41%	1.022%
93	10.502	777	780	783	rVB	477283	678306	26.20%	0.977%
94	10.971	817	821	823	rVB	217087	313553	12.11%	0.452%
95	11.051	827	828	833	rBV	290106	416150	16.07%	0.600%
96	11.314	849	851	853	rBV	105577	109575	4.23%	0.158%
97	12.045	913	915	918	rBV	131130	202422	7.82%	0.292%
98	12.262	932	934	935	rBV	107192	133796	5.17%	0.193%
99	12.297	935	937	940	rVV2	139731	199455	7.70%	0.287%
100	12.639	965	967	970	rBV	1044636	1247244	48.18%	1.797%

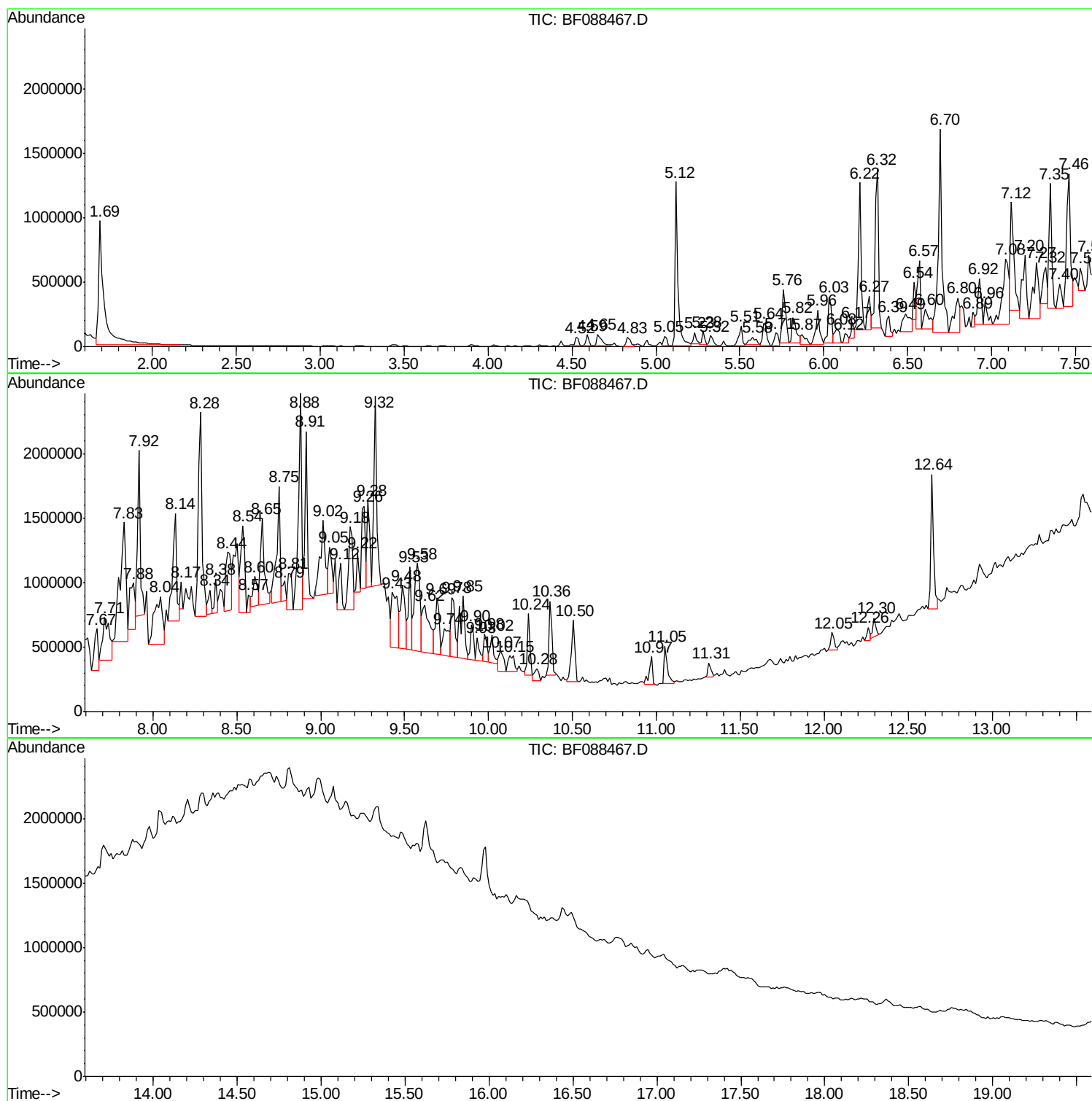
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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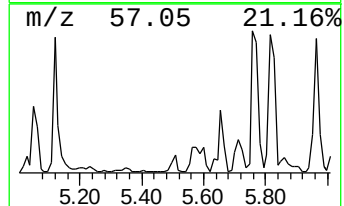
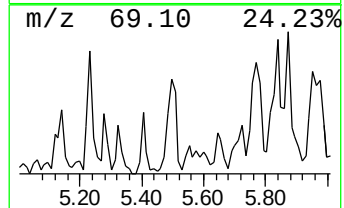
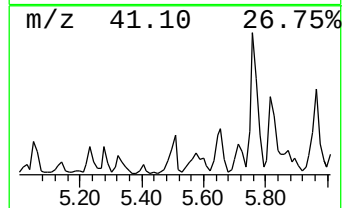
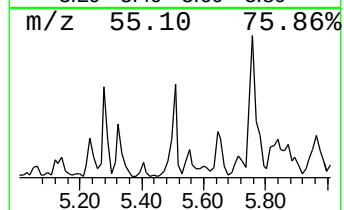
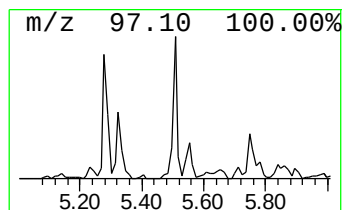
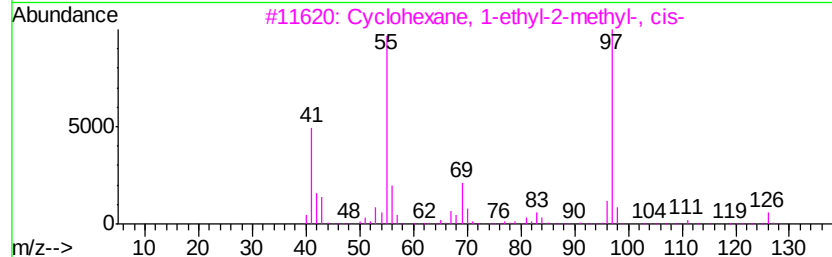
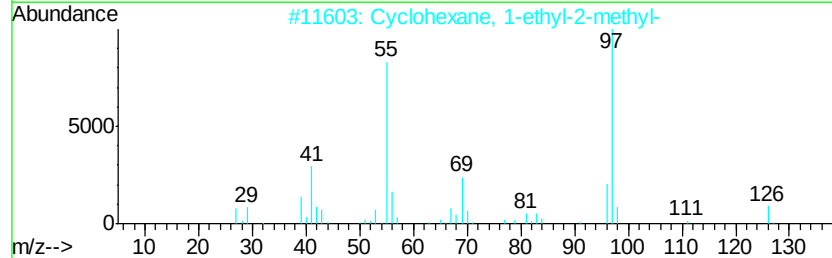
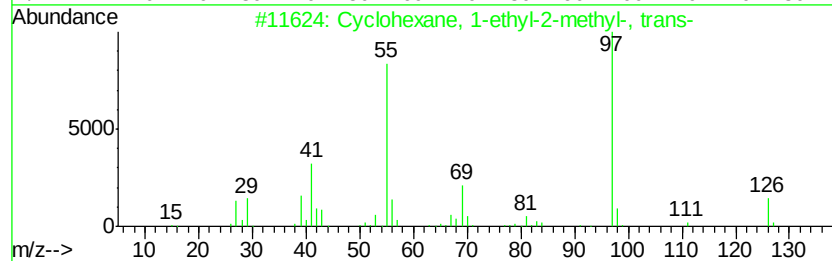
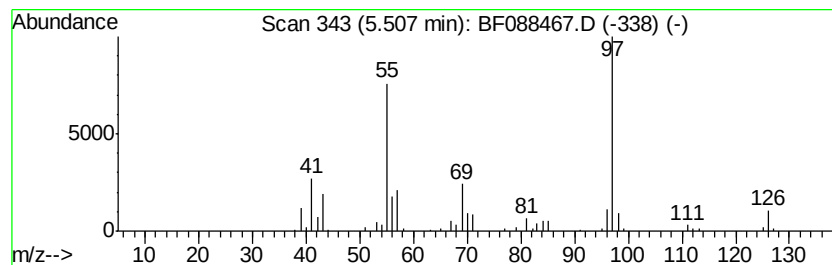
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	14.97 ng	237986	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	86
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	74
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64



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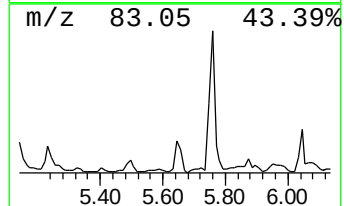
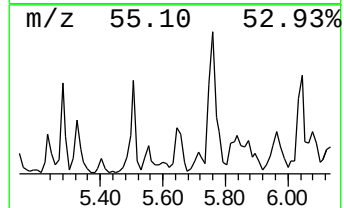
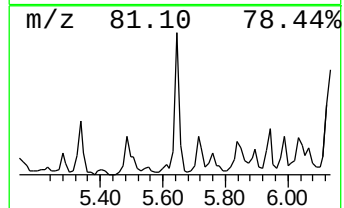
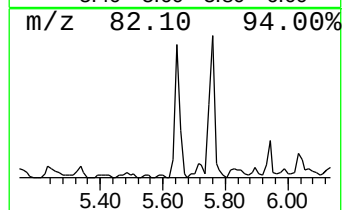
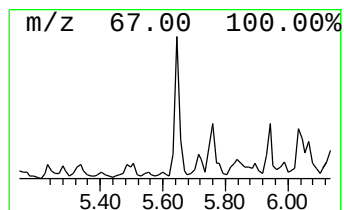
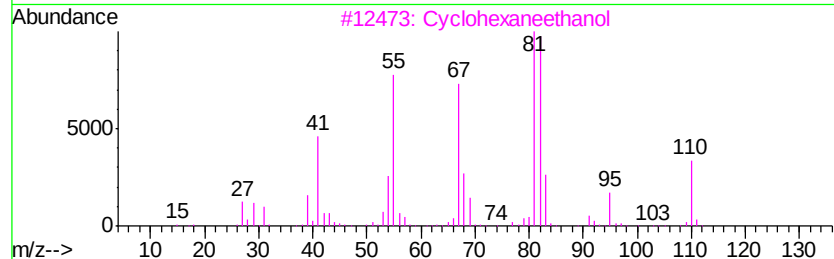
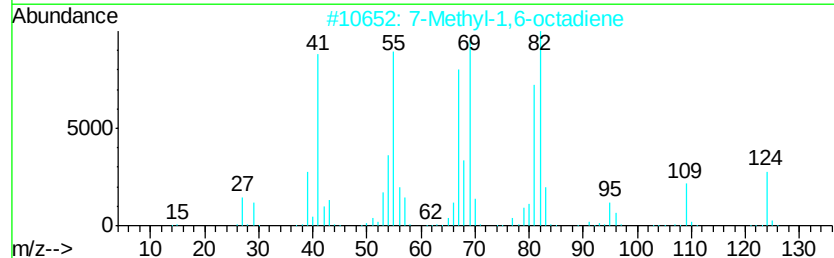
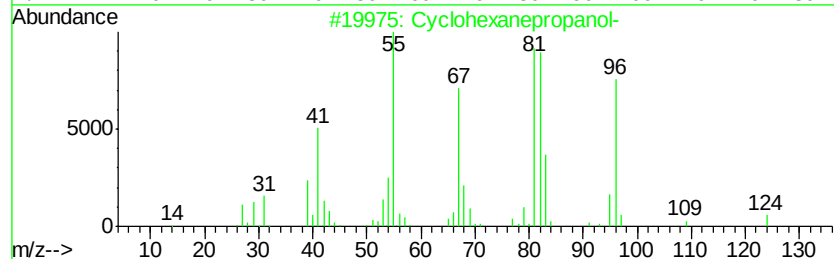
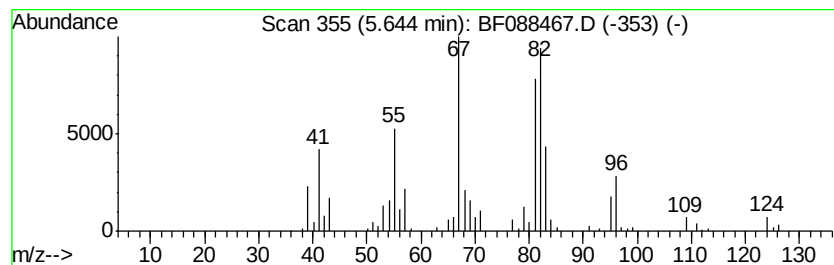
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanepropanol- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	18.27 ng	290536	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	64
2		7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	58
3		Cyclohexaneethanol	128	C8H16O	004442-79-9	53
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
5		Cyclohexylmethyl formate	142	C8H14O2	002888-49-5	43



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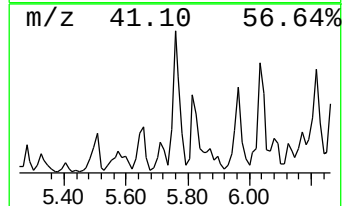
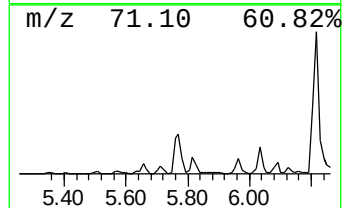
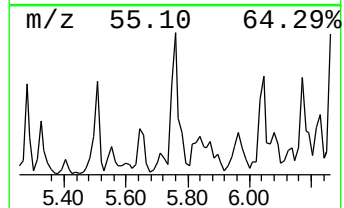
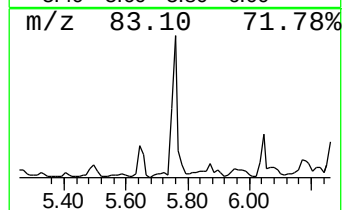
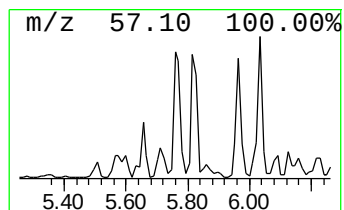
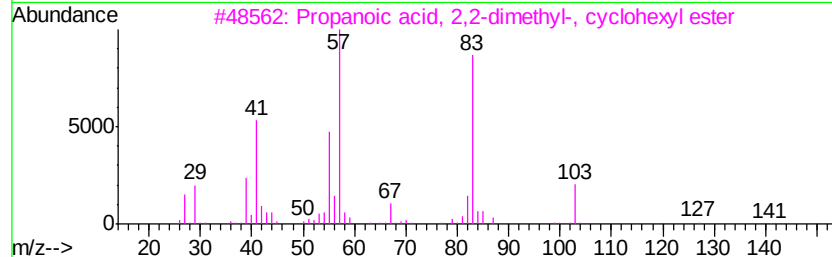
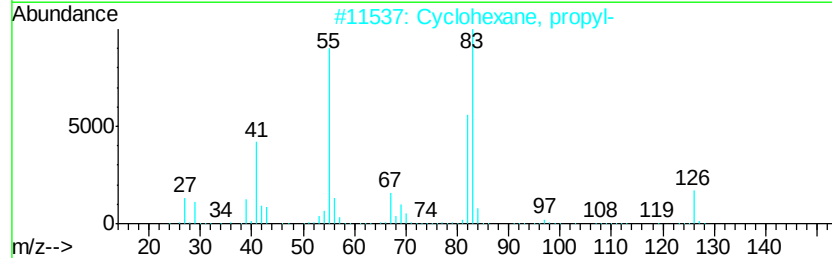
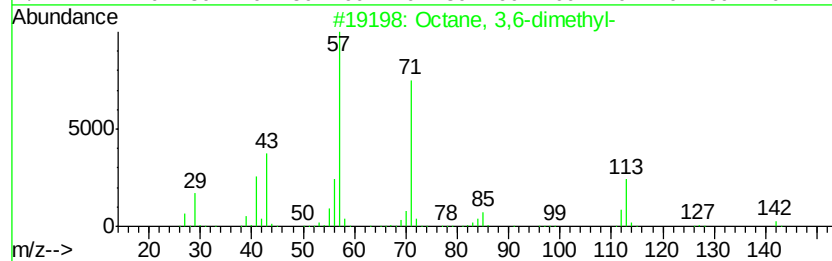
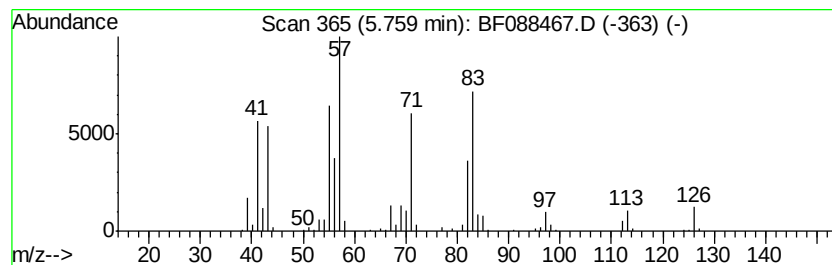
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown5.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	40.18 ng	638921	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	42
3		Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	35
4		3-Ethylcyclopentanone	112	C7H12O	010264-55-8	30
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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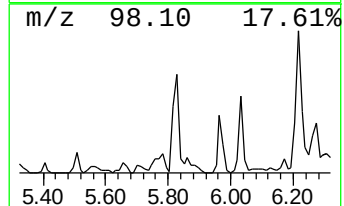
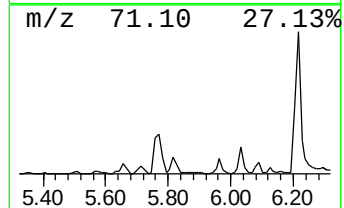
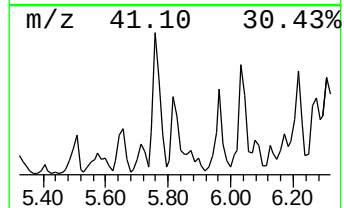
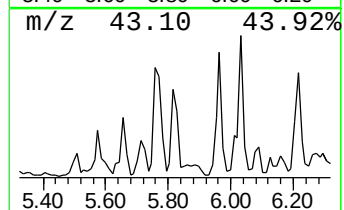
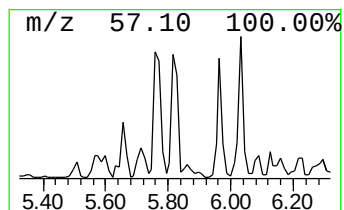
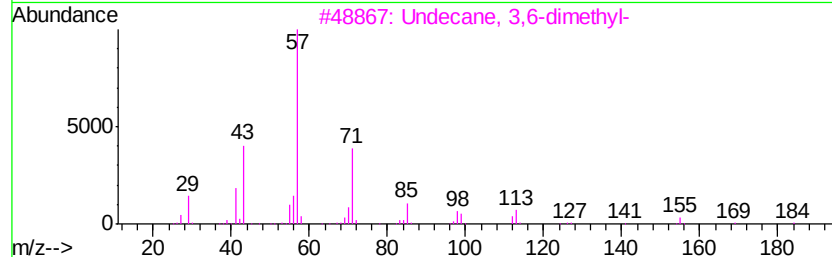
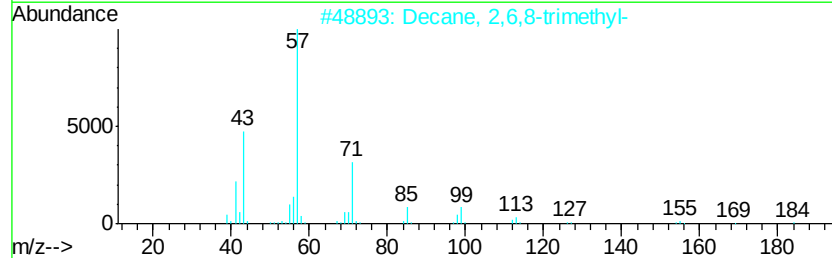
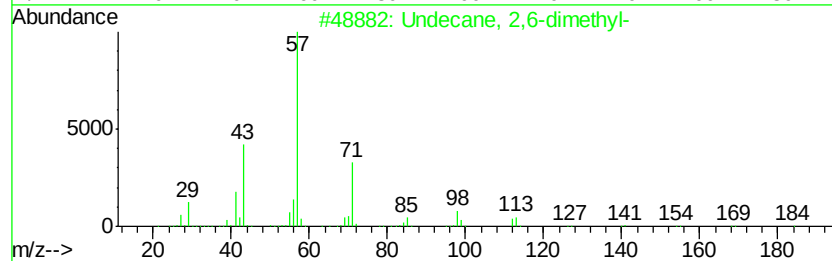
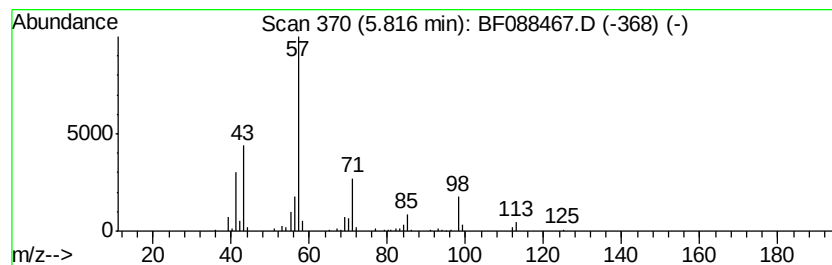
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	24.49 ng	389370	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
Operator : UM/SJ
Sample : H3630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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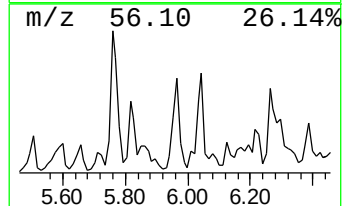
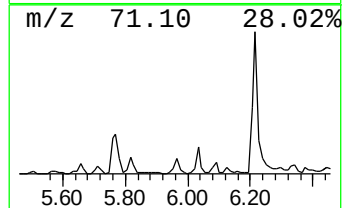
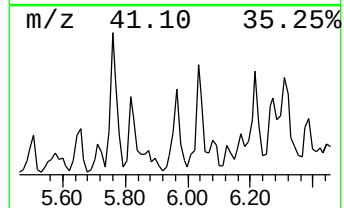
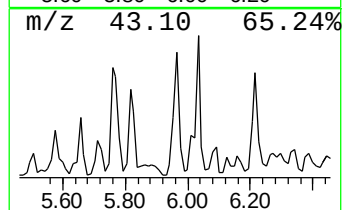
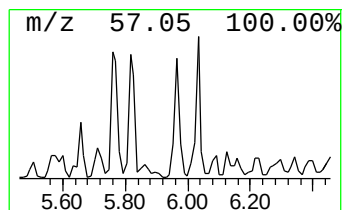
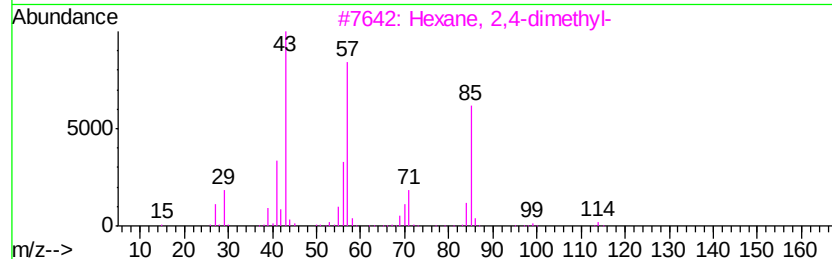
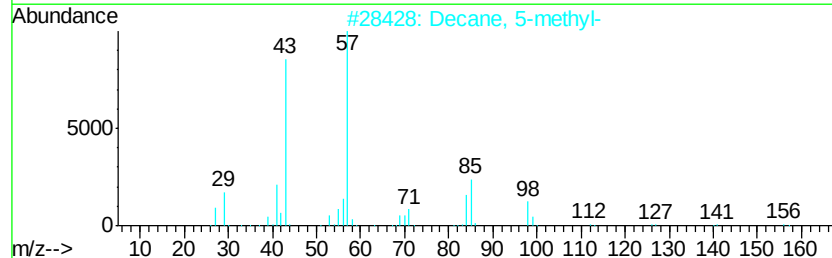
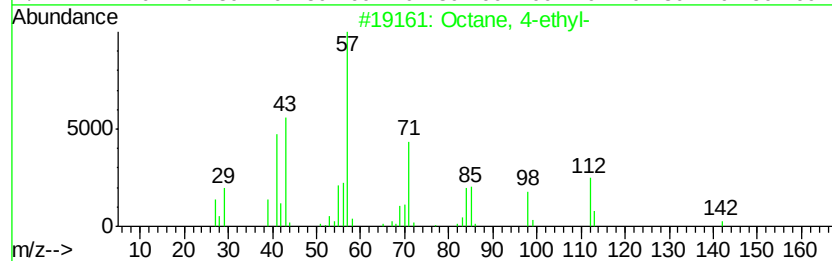
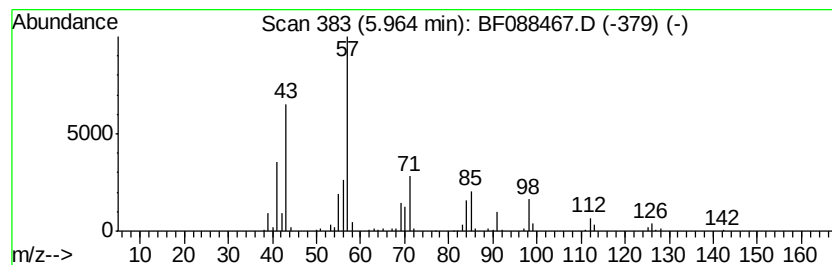
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	28.78 ng	457607	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
2		Decane, 5-methyl-	156	C11H24	013151-35-4	50
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
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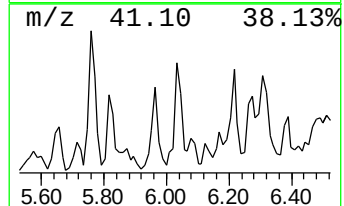
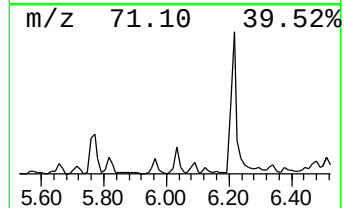
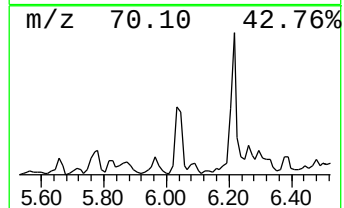
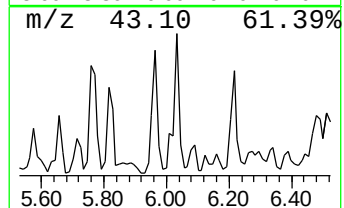
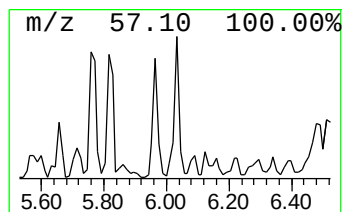
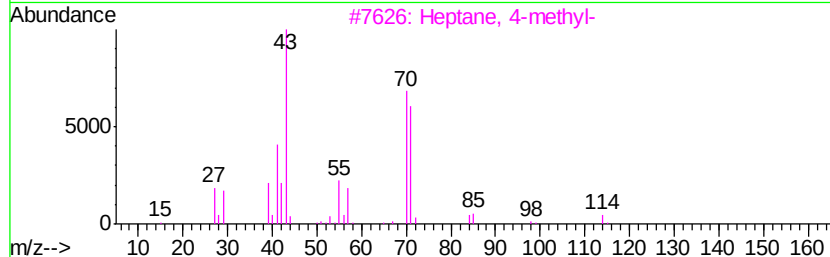
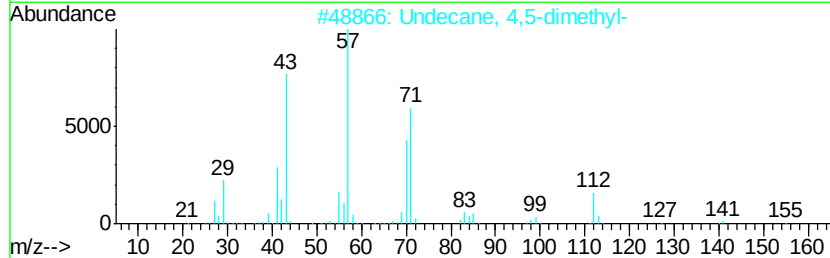
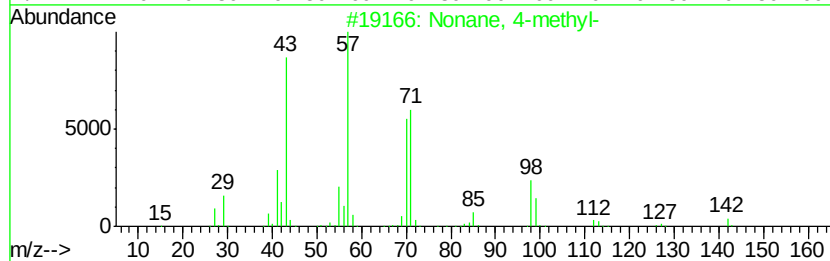
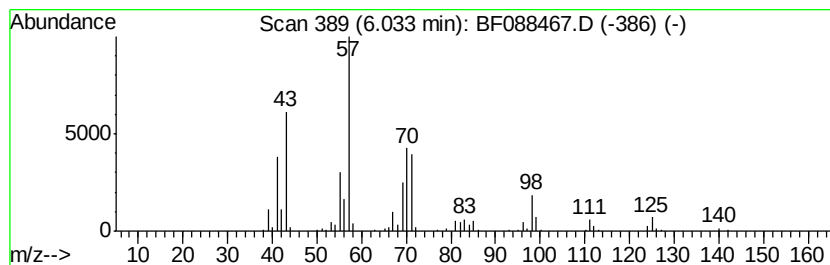
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	35.49 ng	564405	1,4-Dichlorobenzene-d4	6.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	59	
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59	
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	50	
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47	
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
Operator : UM/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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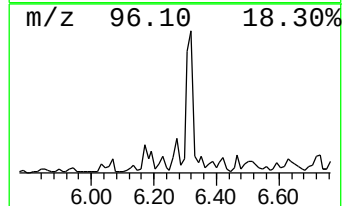
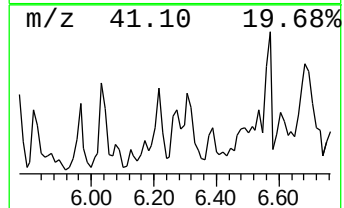
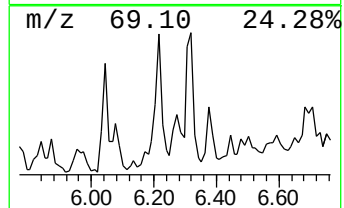
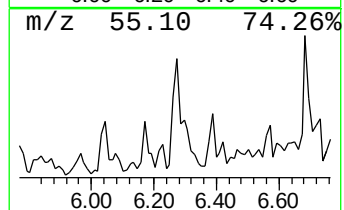
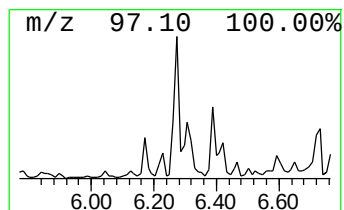
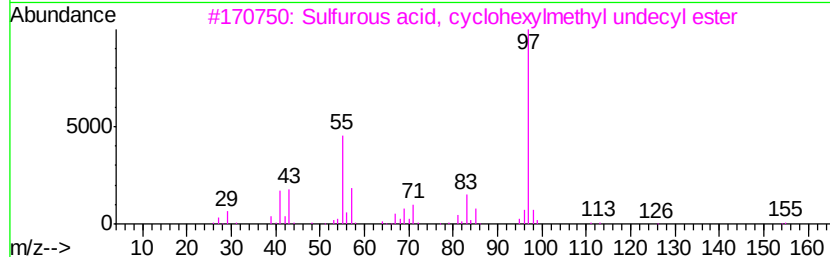
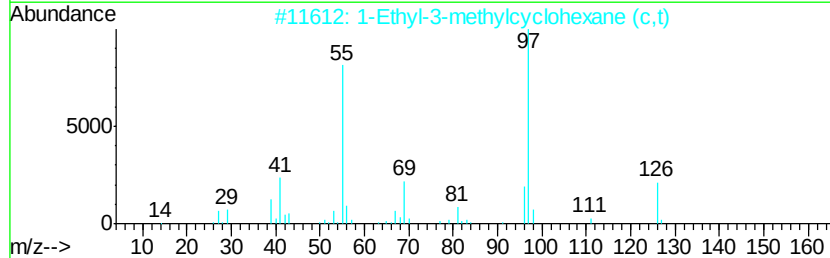
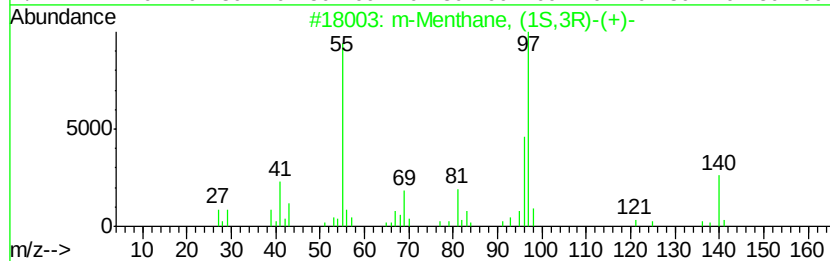
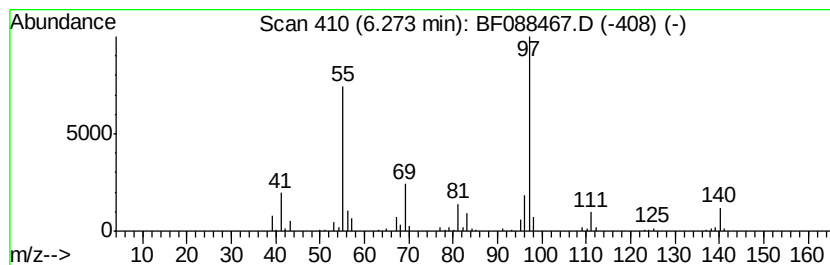
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 m-Menthane, (1S,3R)-(+)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	23.60 ng	375333	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
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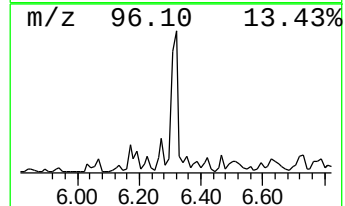
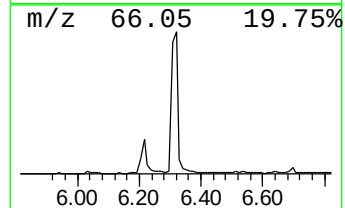
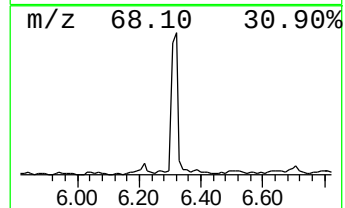
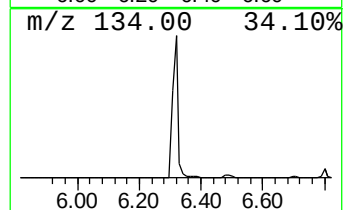
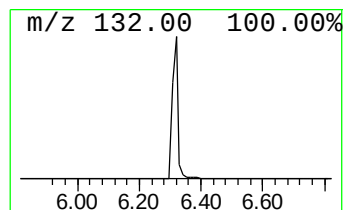
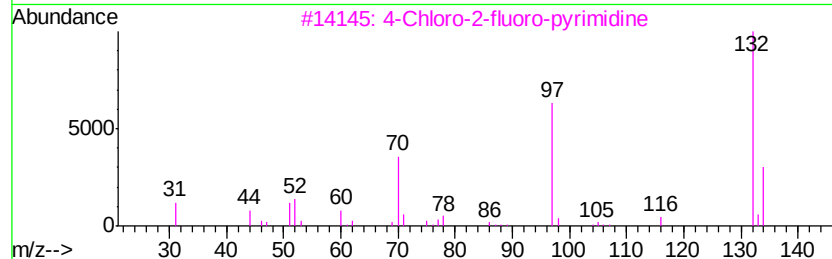
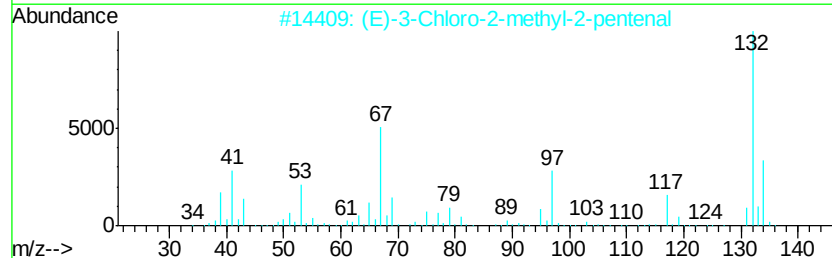
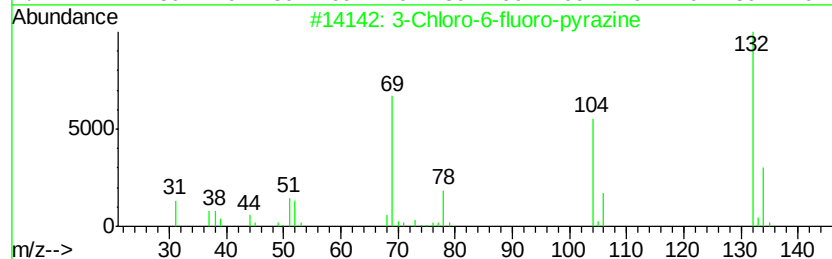
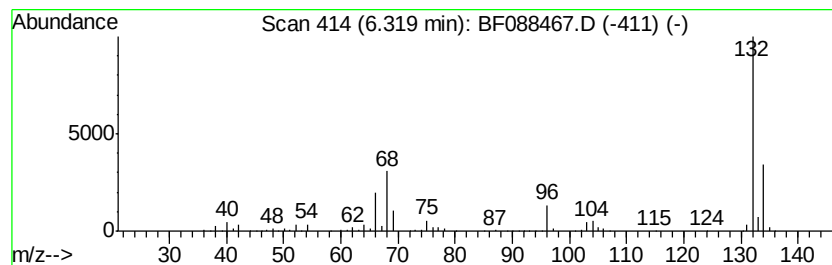
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	106.24 ng	1689470	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
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Acq On : 27 Jun 2016 22:50
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Misc :
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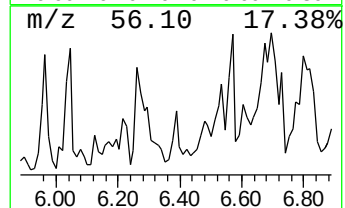
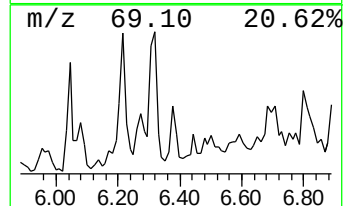
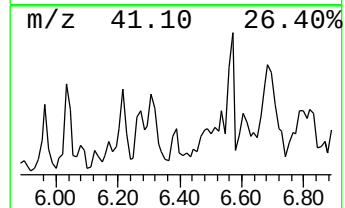
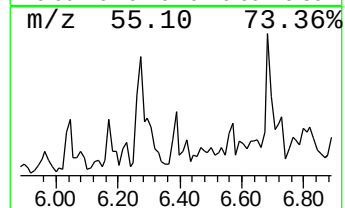
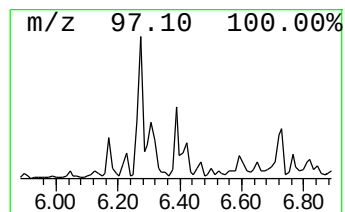
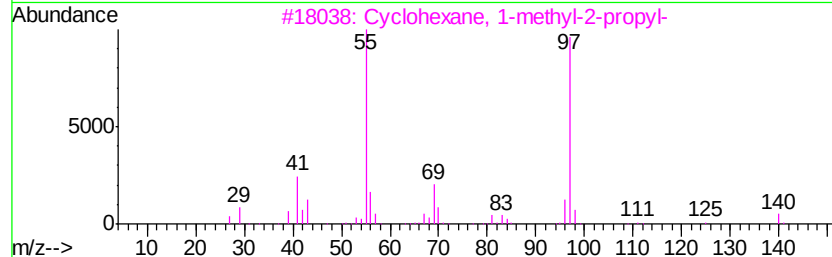
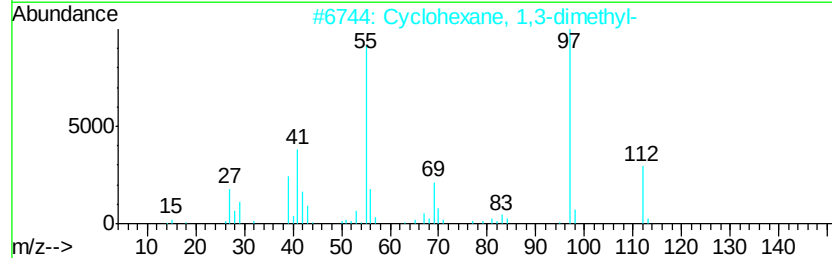
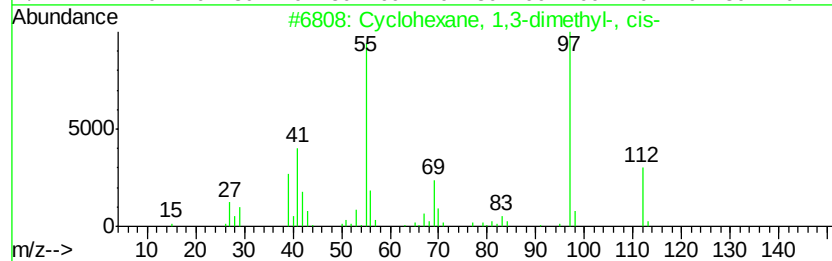
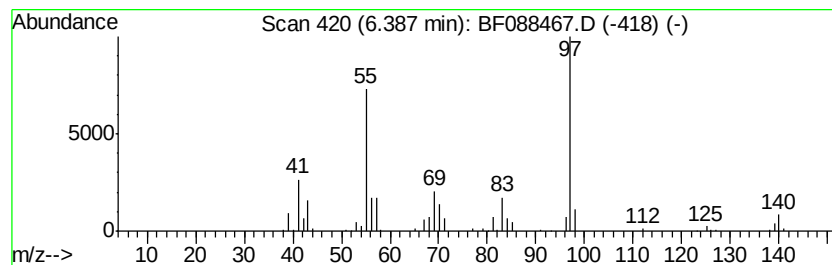
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	14.42 ng	229263	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	62
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59
5		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
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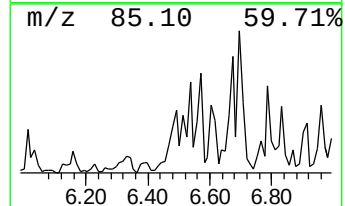
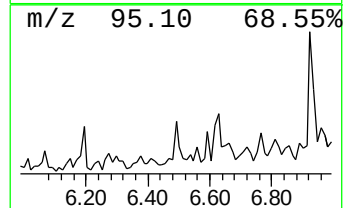
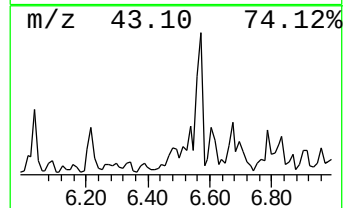
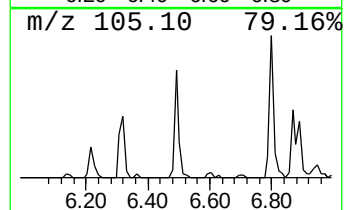
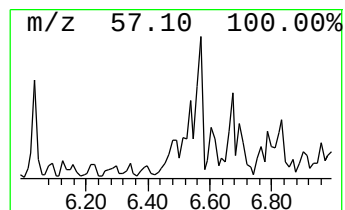
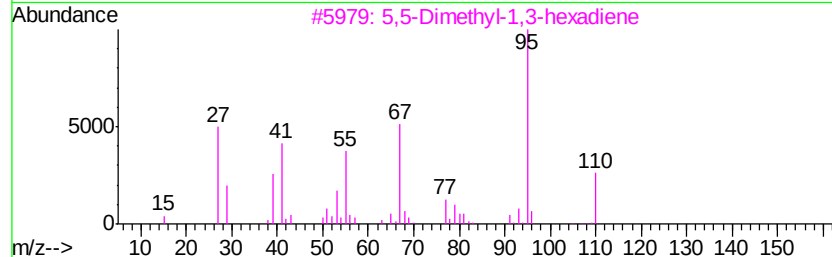
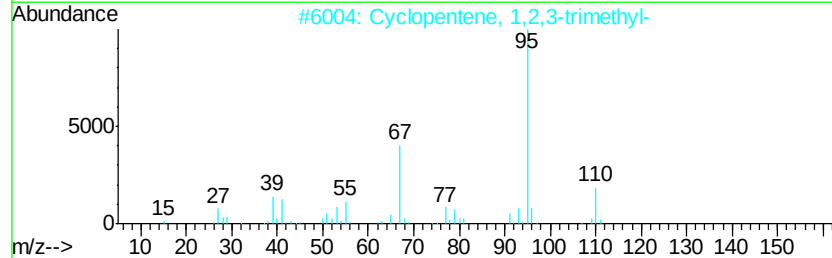
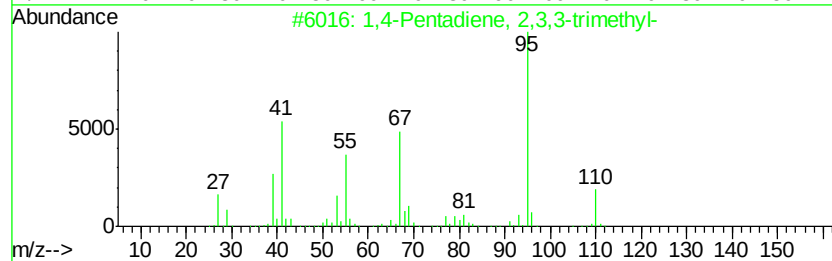
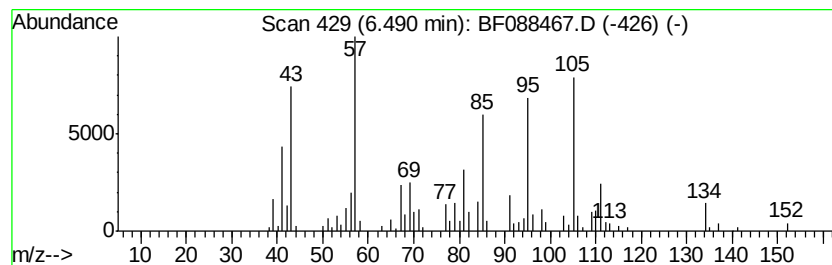
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown6.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	26.75 ng	425320	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
2			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	25
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	25
4			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
5			Tetrahydrofuran, 2-ethyl-5-methyl-	114	C7H14O	000931-39-5	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
Operator : UM/SJ
Sample : H3630-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B1409-TP01E-1224

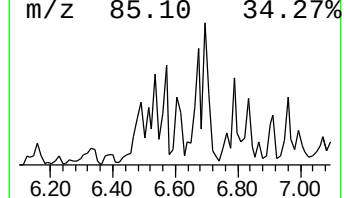
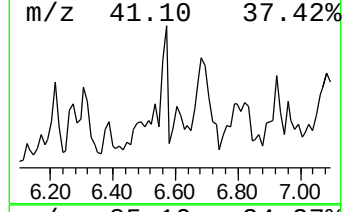
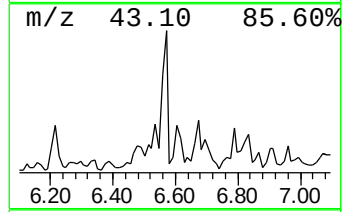
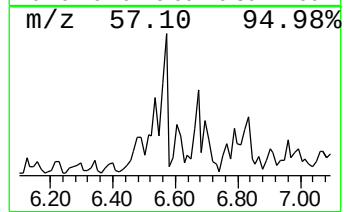
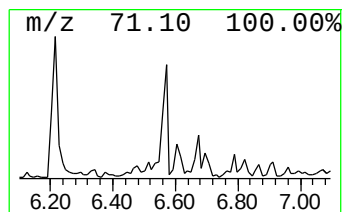
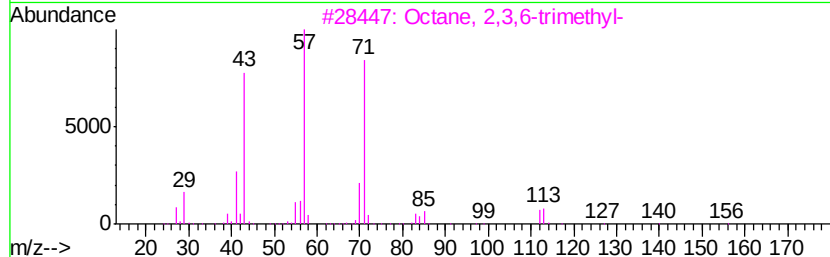
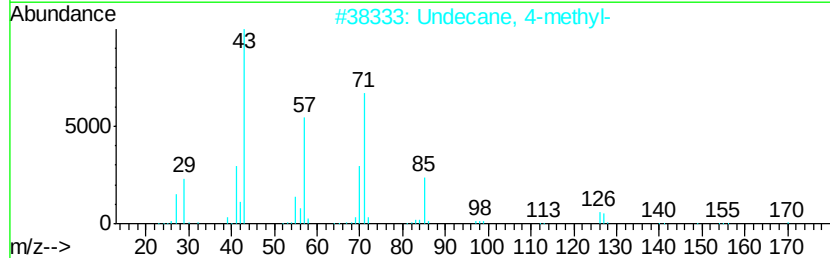
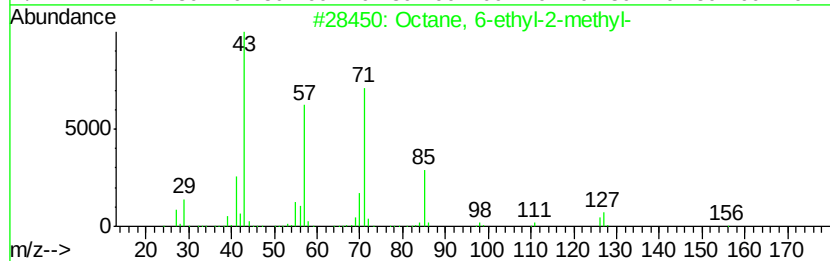
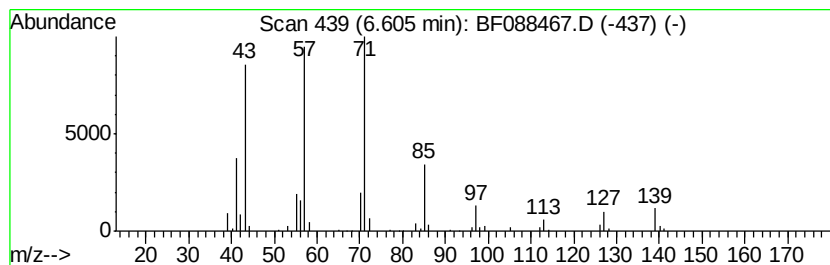
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 6-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	25.42 ng	404287	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	59
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
4		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	50
5		Octane, 2-iodo-	240	C8H17I	000557-36-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
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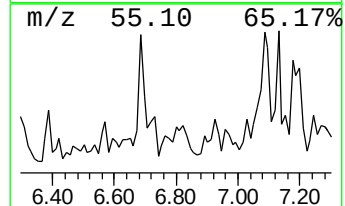
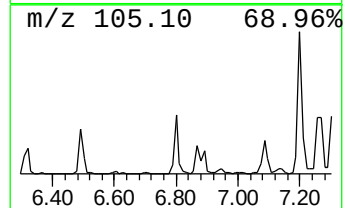
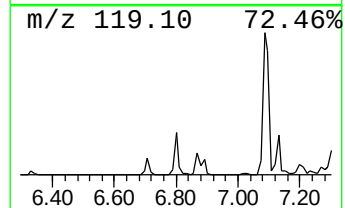
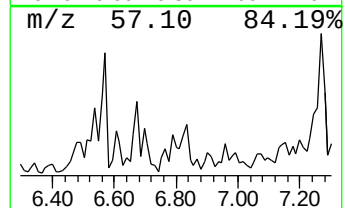
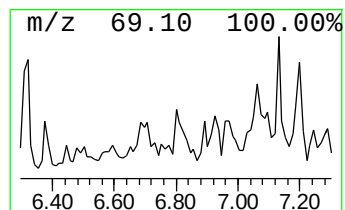
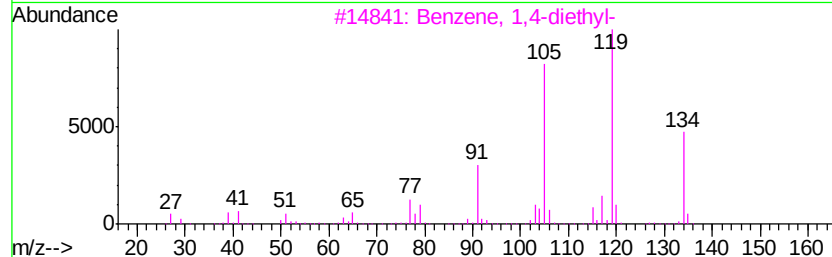
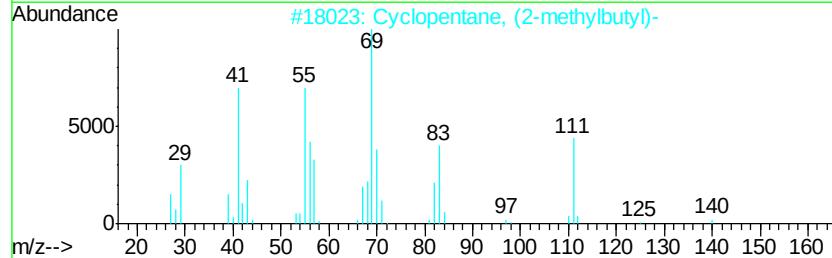
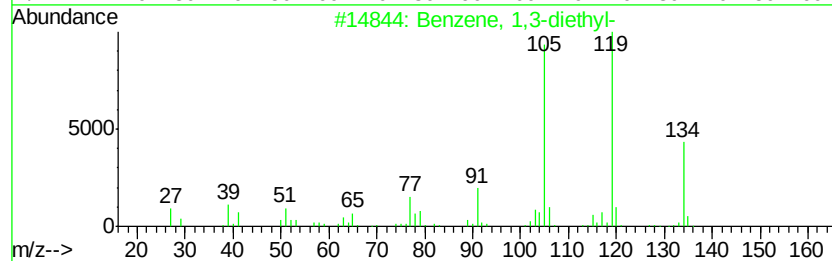
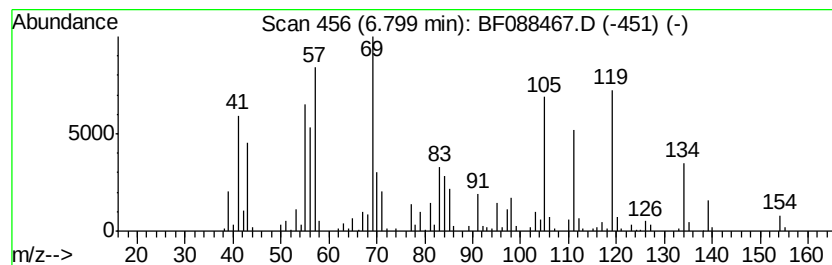
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	42.09 ng	669375	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	59
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	45
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	45
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	45
5		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
Operator : UM/SJ
Sample : H3630-04
Misc :
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ClientSampleId :
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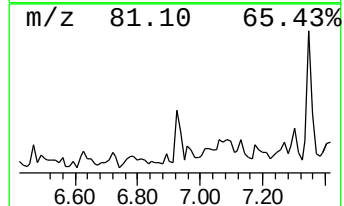
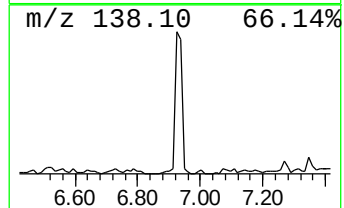
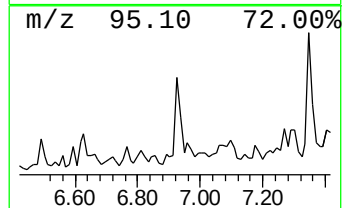
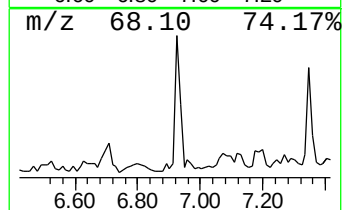
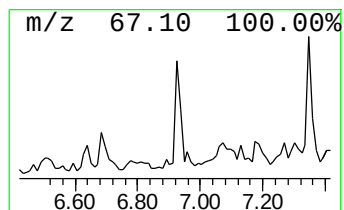
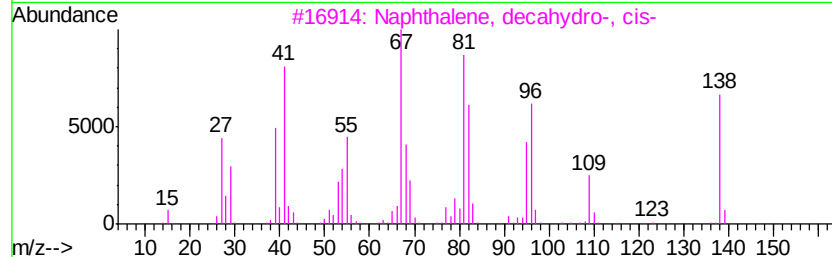
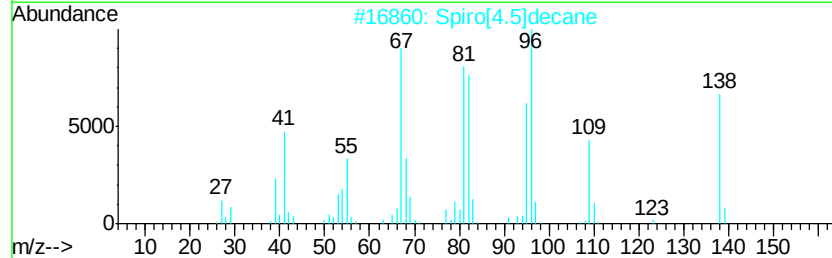
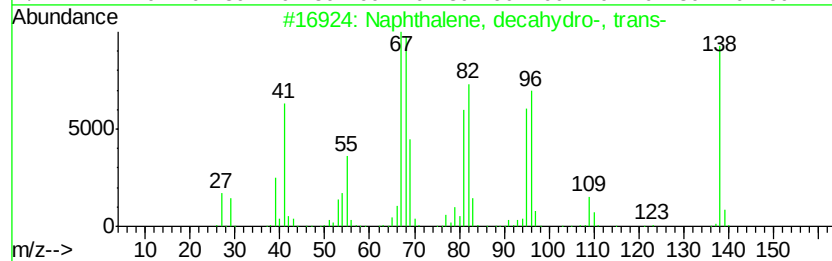
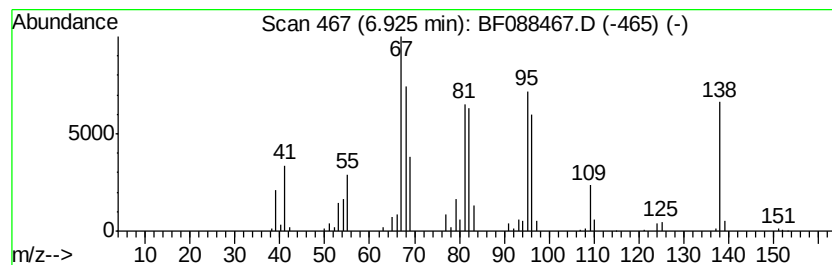
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	27.40 ng	435757	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Spiro[4.5]decane	138	C10H18	000176-63-6	70
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
4		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	53
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088467.D
Acq On : 27 Jun 2016 22:50
Operator : UM/SJ
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Misc :
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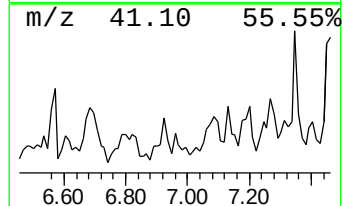
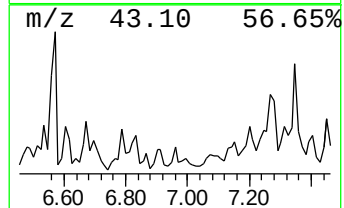
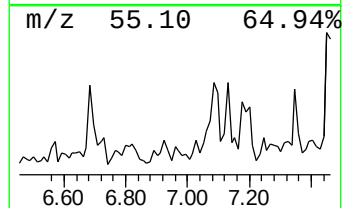
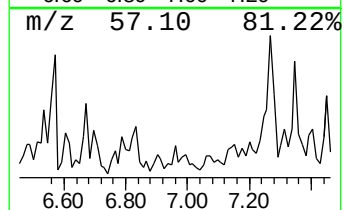
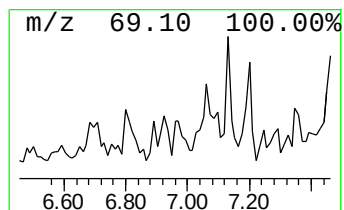
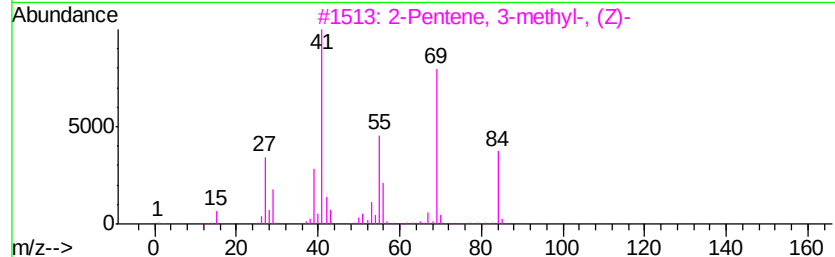
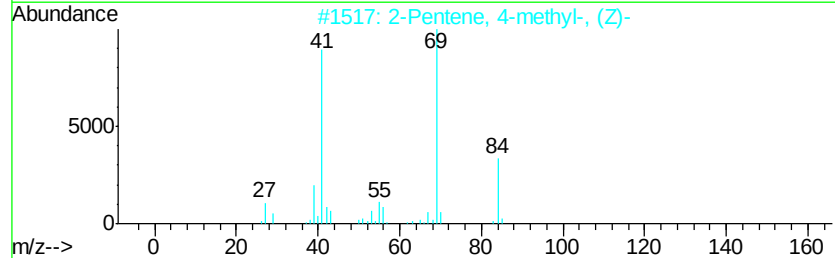
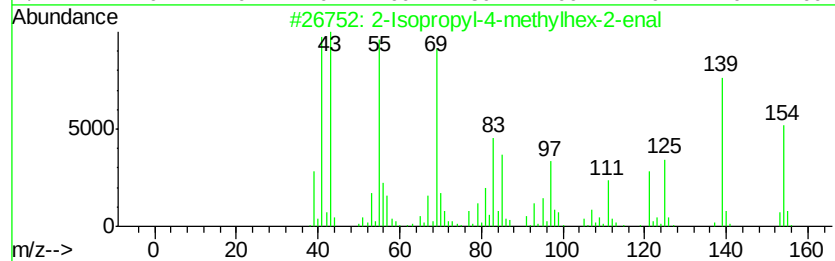
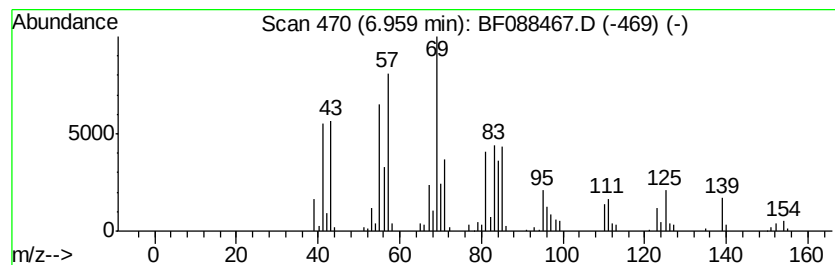
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Isopropyl-4-methylhex-2-enal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	15.46 ng	245883	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Isopropyl-4-methylhex-2-enal	154	C10H18O	072668-37-2	64
2			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	30
3			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30
4			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	30
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
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Instrument :
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ClientSampleId :
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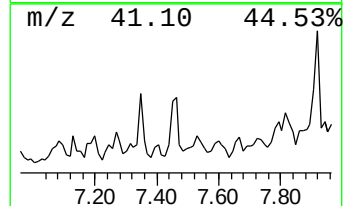
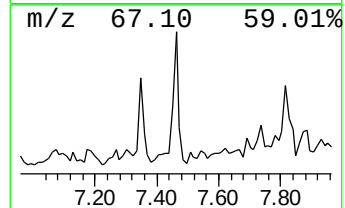
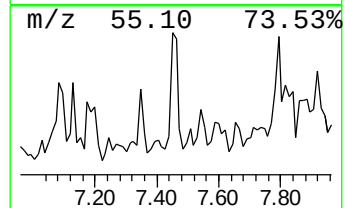
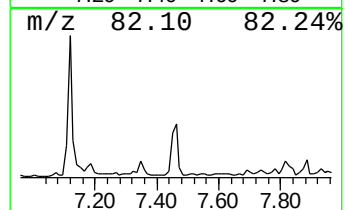
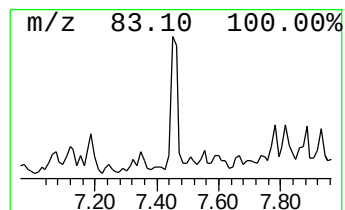
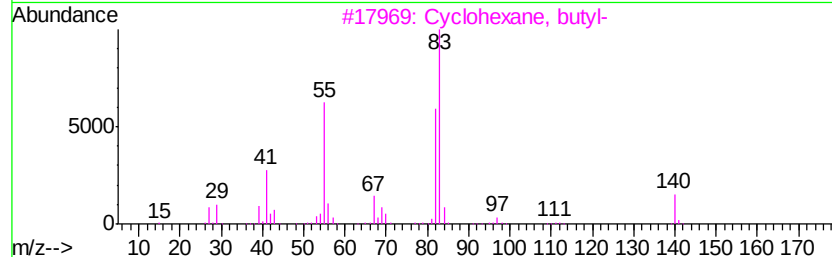
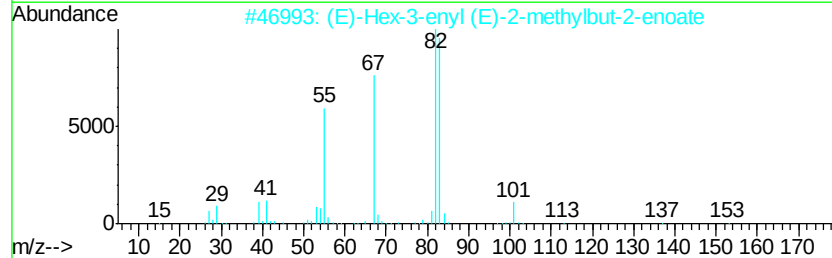
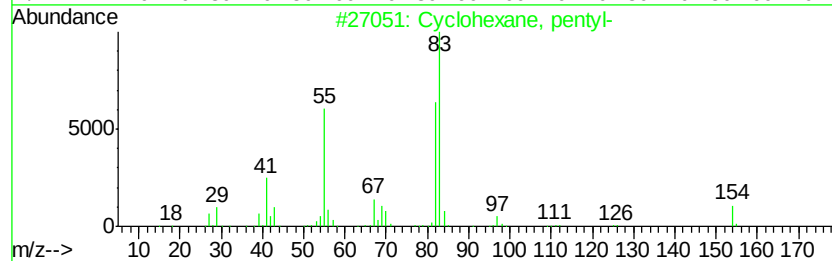
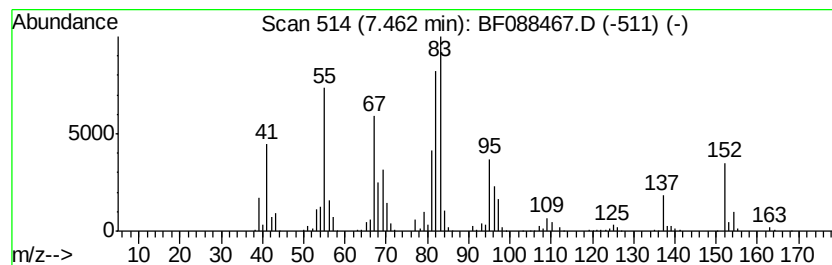
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	14.54 ng	1731250	Napthalene-d8	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	50
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
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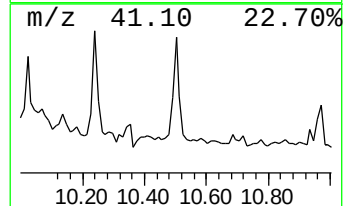
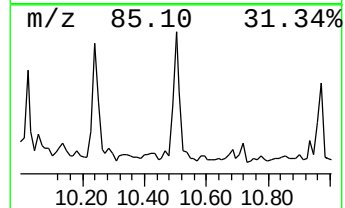
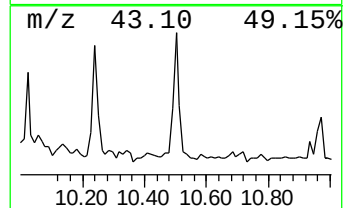
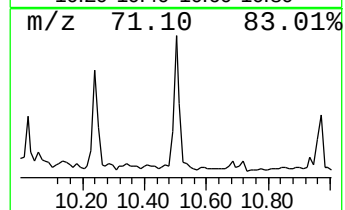
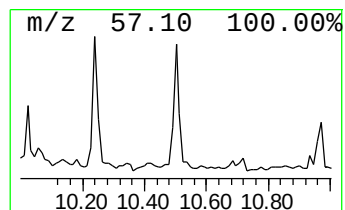
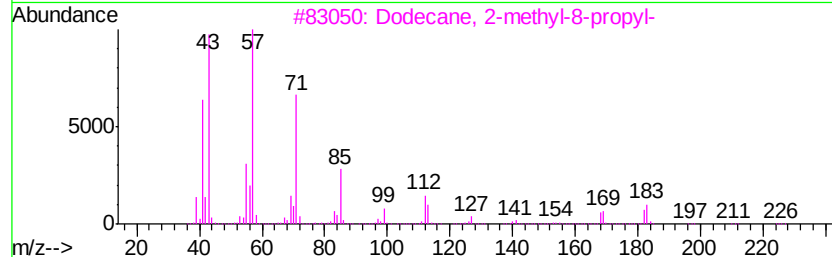
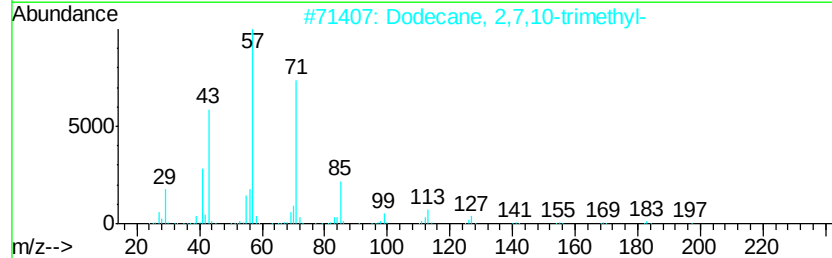
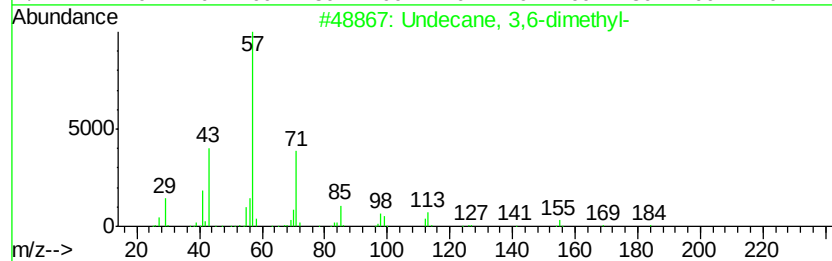
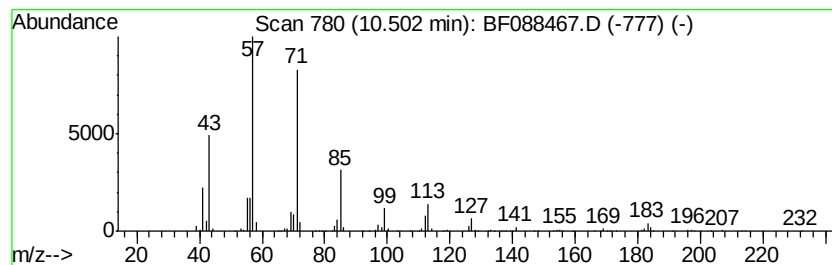
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	32.60 ng	678306	Phenanthrene-d10	11.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	81
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	80
3	Dodecane, 2-methyl-8-propyl-	226 C16H34	055045-07-3	78
4	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	72
5	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
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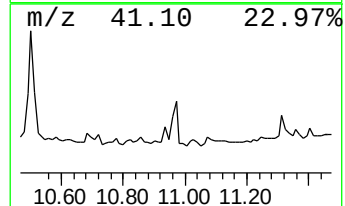
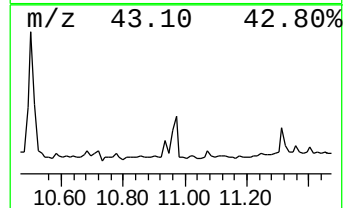
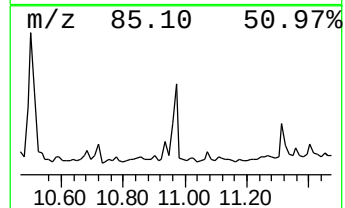
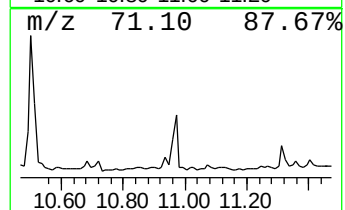
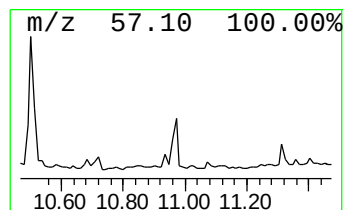
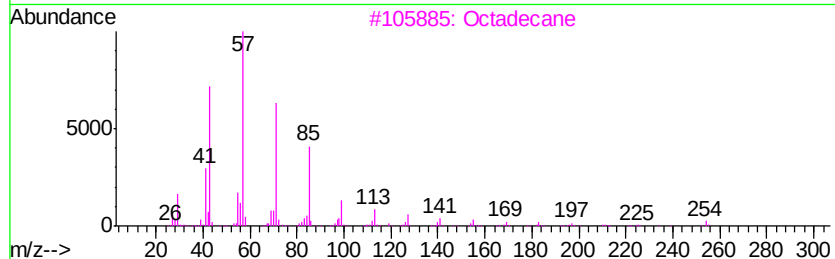
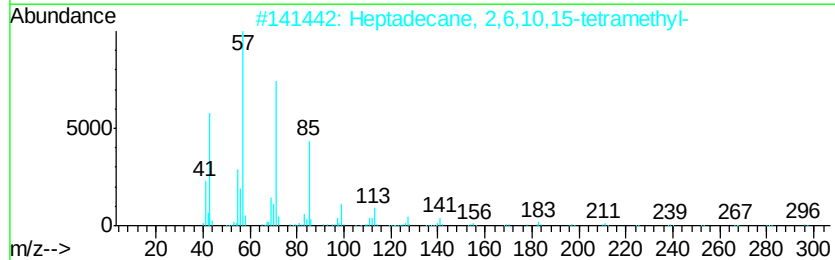
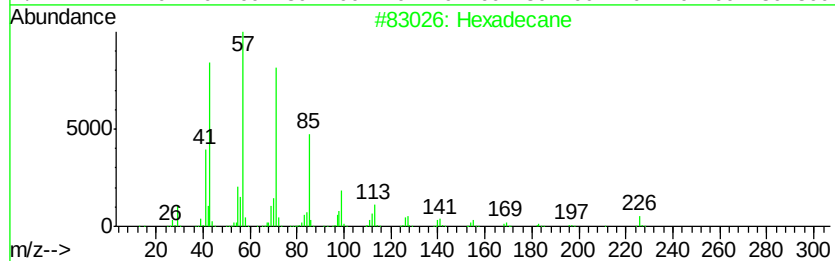
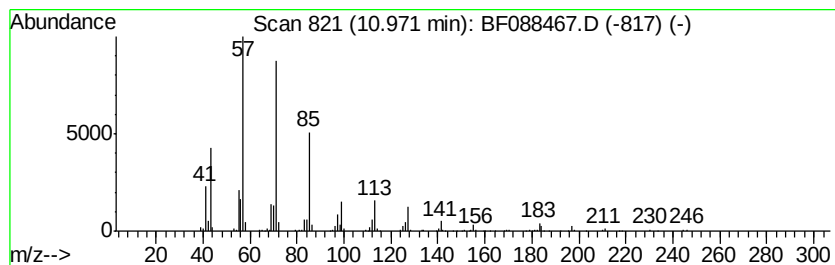
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	15.07 ng	313553	Phenanthrene-d10	11.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octadecane	254	C18H38	000593-45-3	83
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
 Data File : BF088467.D
 Acq On : 27 Jun 2016 22:50
 Operator : UM/SJ
 Sample : H3630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01E-1224

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-et...	5.51	15.0	ng	237986	1	6.55	318045	20.0
Cyclohexanepropanol-	5.64	18.3	ng	290536	1	6.55	318045	20.0
unknown5.76	5.76	40.2	ng	638921	1	6.55	318045	20.0
Undecane, 2,6-dim...	5.82	24.5	ng	389370	1	6.55	318045	20.0
Octane, 4-ethyl-	5.96	28.8	ng	457607	1	6.55	318045	20.0
Nonane, 4-methyl-	6.03	35.5	ng	564405	1	6.55	318045	20.0
m-Menthane, (1S,3...	6.27	23.6	ng	375333	1	6.55	318045	20.0
unknown6.32	6.32	106.2	ng	1689470	1	6.55	318045	20.0
Cyclohexane, 1,3-...	6.39	14.4	ng	229263	1	6.55	318045	20.0
unknown6.49	6.49	26.8	ng	425320	1	6.55	318045	20.0
Octane, 6-ethyl-2...	6.60	25.4	ng	404287	1	6.55	318045	20.0
Benzene, 1,3-diet...	6.80	42.1	ng	669375	1	6.55	318045	20.0
Naphthalene, deca...	6.92	27.4	ng	435757	1	6.55	318045	20.0
2-Isopropyl-4-met...	6.96	15.5	ng	245883	1	6.55	318045	20.0
Cyclohexane, pentyl-	7.46	14.5	ng	1731250	2	7.83	2382160	20.0
Undecane, 3,6-dim...	10.50	32.6	ng	678306	4	11.05	416150	20.0
Hexadecane	10.97	15.1	ng	313553	4	11.05	416150	20.0