

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
 Data File : BF081076.D
 Acq On : 19 Aug 2015 10:05
 Operator : UM/IZ
 Sample : G3254-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-9003

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-BF081715.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	3.976	172	174	179	rBV	46465	73376	2.99%	0.172%
2	4.639	228	232	236	rBV	16065	26271	1.07%	0.062%
3	4.730	236	240	250	rVV	921522	1781434	72.71%	4.181%
4	4.936	255	258	260	rBV2	23734	34780	1.42%	0.082%
5	4.993	260	263	265	rVB2	13324	24621	1.00%	0.058%
6	5.187	276	280	282	rBV	1703822	2185854	89.21%	5.130%
7	5.233	282	284	288	rVB	26047	38547	1.57%	0.090%
8	5.324	290	292	295	rVB	41286	44708	1.82%	0.105%
9	5.439	298	302	305	rVB2	15962	36073	1.47%	0.085%
10	5.496	305	307	309	rBV	28626	33462	1.37%	0.079%
11	5.599	312	316	318	rVB2	107447	142798	5.83%	0.335%
12	5.656	318	321	323	rBV3	35171	73903	3.02%	0.173%
13	5.736	325	328	330	rVB	59380	89746	3.66%	0.211%
14	5.793	330	333	335	rBV2	47321	82443	3.36%	0.193%
15	5.850	335	338	341	rVB2	114053	184560	7.53%	0.433%
16	5.907	341	343	344	rBV	86584	134238	5.48%	0.315%
17	6.044	351	355	358	rBV	71648	133977	5.47%	0.314%
18	6.102	358	360	361	rBV	99725	175094	7.15%	0.411%
19	6.124	361	362	364	rVV	164984	154117	6.29%	0.362%
20	6.159	364	365	367	rVB	35410	32331	1.32%	0.076%
21	6.204	367	369	370	rBV	60473	76932	3.14%	0.181%
22	6.262	370	374	376	rVB	1755582	2450105	100.00%	5.750%
23	6.296	376	377	379	rVB	60974	68804	2.81%	0.161%
24	6.376	381	384	386	rVV	2124773	2231640	91.08%	5.237%
25	6.456	389	391	393	rVB2	86673	112909	4.61%	0.265%
26	6.513	393	396	397	rBV3	27992	53205	2.17%	0.125%
27	6.547	397	399	400	rBV	67949	76462	3.12%	0.179%
28	6.604	402	404	406	rVV	533440	510617	20.84%	1.198%
29	6.639	406	407	408	rVB	353610	242576	9.90%	0.569%
30	6.673	408	410	411	rBV2	69296	97722	3.99%	0.229%
31	6.707	411	413	414	rVV2	48494	69141	2.82%	0.162%
32	6.765	414	418	420	rVV2	1738957	1870336	76.34%	4.389%
33	6.799	420	421	422	rVB	67962	46622	1.90%	0.109%
34	6.890	422	429	432	rBV2	194930	589901	24.08%	1.384%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.936	432	433	434	rVB	98403	67504	2.76%	0.158%
36	6.970	434	436	437	rBV	119980	162524	6.63%	0.381%
37	7.005	437	439	440	rVV	119953	124721	5.09%	0.293%
38	7.039	440	442	443	rVB2	75328	93339	3.81%	0.219%
39	7.142	448	451	452	rBV2	106381	190981	7.79%	0.448%
40	7.176	452	454	456	rVB	1257539	1165977	47.59%	2.736%
41	7.222	456	458	459	rVB2	49932	40905	1.67%	0.096%
42	7.267	460	462	464	rVB2	147044	183739	7.50%	0.431%
43	7.313	464	466	467	rBV2	85098	120391	4.91%	0.283%
44	7.336	467	468	470	rVB	162112	158268	6.46%	0.371%
45	7.382	470	472	473	rBV2	98338	135300	5.52%	0.318%
46	7.416	473	475	478	rVB2	420566	417797	17.05%	0.981%
47	7.485	478	481	482	rBV3	81061	158686	6.48%	0.372%
48	7.530	482	485	489	rBV4	367736	534825	21.83%	1.255%
49	7.599	489	491	492	rBV	92641	116687	4.76%	0.274%
50	7.633	492	494	495	rBV2	89336	74021	3.02%	0.174%
51	7.667	495	497	499	rVB	199750	233558	9.53%	0.548%
52	7.725	499	502	504	rBV3	134880	243375	9.93%	0.571%
53	7.793	504	508	511	rBV3	188403	390306	15.93%	0.916%
54	7.896	514	517	519	rVB	994337	999610	40.80%	2.346%
55	7.930	519	520	523	rVB3	61309	85952	3.51%	0.202%
56	7.976	523	524	526	rBV	813303	721620	29.45%	1.694%
57	8.067	530	532	534	rBV2	218496	314705	12.84%	0.739%
58	8.113	534	536	538	rVB2	138470	209803	8.56%	0.492%
59	8.182	540	542	544	rVB3	169579	249835	10.20%	0.586%
60	8.227	544	546	547	rBV	203162	295455	12.06%	0.693%
61	8.262	547	549	550	rVB2	196470	187642	7.66%	0.440%
62	8.296	550	552	553	rVB	249474	279468	11.41%	0.656%
63	8.342	553	556	560	rBV	1394052	1858410	75.85%	4.361%
64	8.399	560	561	562	rVB	164815	112981	4.61%	0.265%
65	8.445	562	565	568	rBV3	256031	375565	15.33%	0.881%
66	8.502	568	570	572	rBV	493684	697867	28.48%	1.638%
67	8.605	572	579	580	rVB2	369345	1107235	45.19%	2.599%
68	8.639	580	582	583	rBV	200545	205722	8.40%	0.483%
69	8.788	593	595	596	rBV2	229503	243814	9.95%	0.572%
70	8.879	601	603	605	rBV2	177014	289691	11.82%	0.680%
71	8.936	605	608	609	rVB	1172157	1072438	43.77%	2.517%

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72	8.970	609	611	614	rVB	1627536	1990347	81.24%	4.671%
73	9.073	614	620	622	rBV4	500439	1231404	50.26%	2.890%
74	9.382	643	647	651	rVB3	698672	1913324	78.09%	4.490%
75	9.508	656	658	661	rVV4	168047	401661	16.39%	0.943%
76	9.553	661	662	664	rVB2	417130	386172	15.76%	0.906%
77	9.588	664	665	667	rBV	305852	436718	17.82%	1.025%
78	9.633	667	669	672	rVB2	521332	878288	35.85%	2.061%
79	9.691	672	674	676	rVB2	105859	175315	7.16%	0.411%
80	9.828	683	686	687	rBV3	103593	223732	9.13%	0.525%
81	9.908	692	693	695	rVB	151652	206596	8.43%	0.485%
82	9.976	695	699	700	rVB4	98696	174919	7.14%	0.411%
83	10.011	700	702	703	rBV2	80285	92143	3.76%	0.216%
84	10.045	703	705	706	rBV2	162959	146451	5.98%	0.344%
85	10.091	707	709	711	rBV	254115	225111	9.19%	0.528%
86	10.308	726	728	731	rBV	268613	282612	11.53%	0.663%
87	10.422	736	738	740	rBV	1198642	1164332	47.52%	2.733%
88	10.571	748	751	754	rVB	434395	570578	23.29%	1.339%
89	11.039	787	792	793	rBV2	324461	533649	21.78%	1.252%
90	11.108	796	798	800	rVB	555248	469566	19.17%	1.102%
91	12.537	922	923	925	rVB	174051	129133	5.27%	0.303%
92	12.697	934	937	940	rBV	1534477	1635438	66.75%	3.838%
93	13.588	1013	1015	1016	rBV	146573	198602	8.11%	0.466%
94	13.725	1025	1027	1029	rBV2	338101	469595	19.17%	1.102%
95	14.091	1057	1059	1062	rBV	180728	311845	12.73%	0.732%
96	16.034	1227	1229	1237	rVB2	177146	462528	18.88%	1.085%

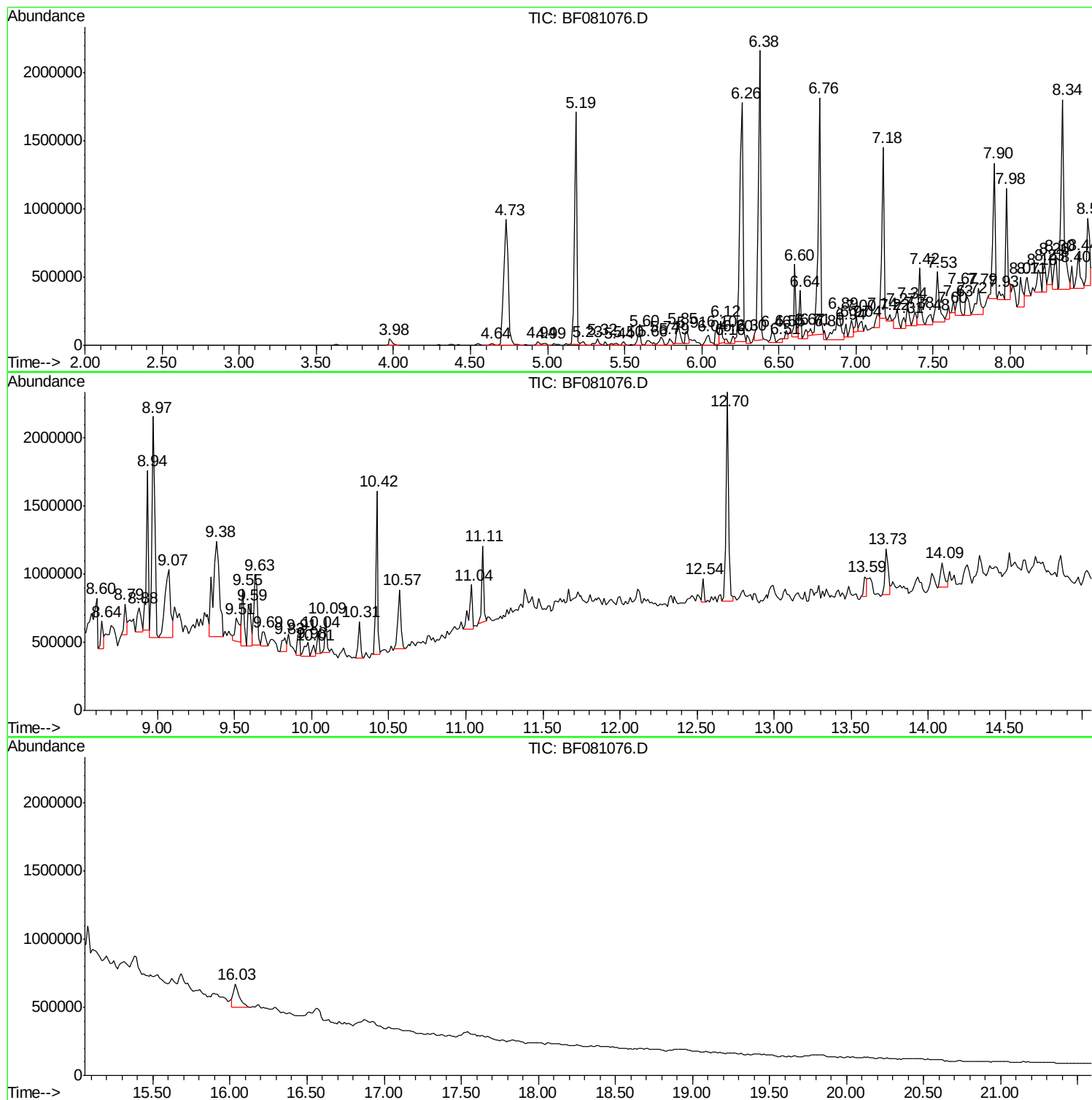
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Instrument :
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ClientSampled :
S8-9003

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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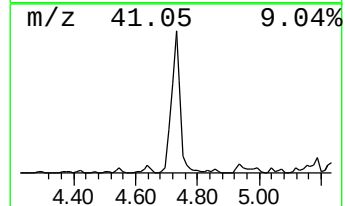
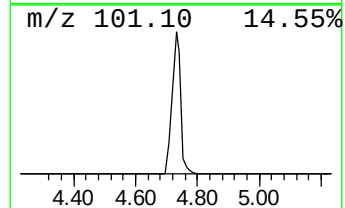
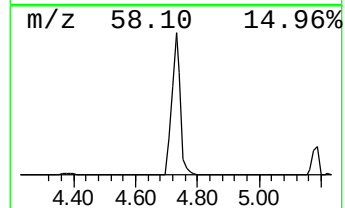
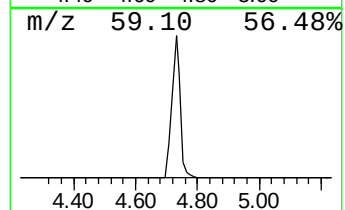
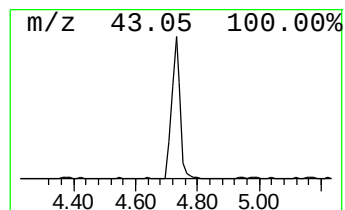
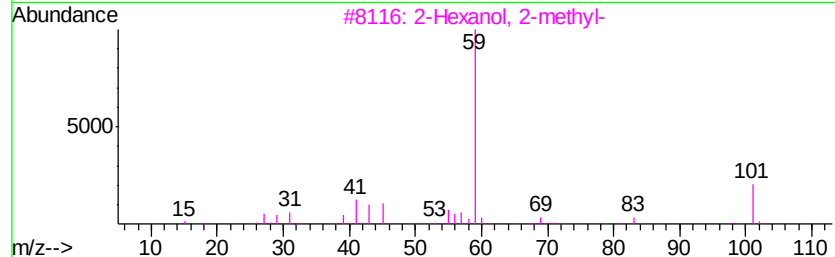
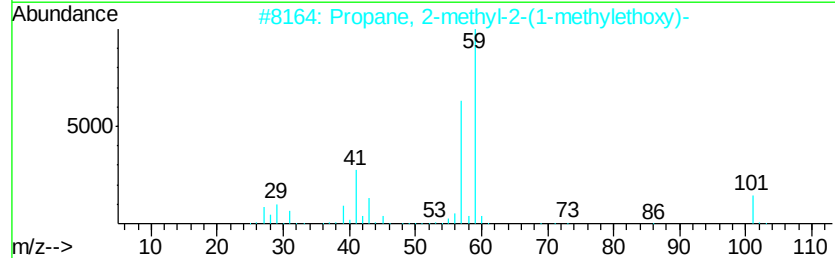
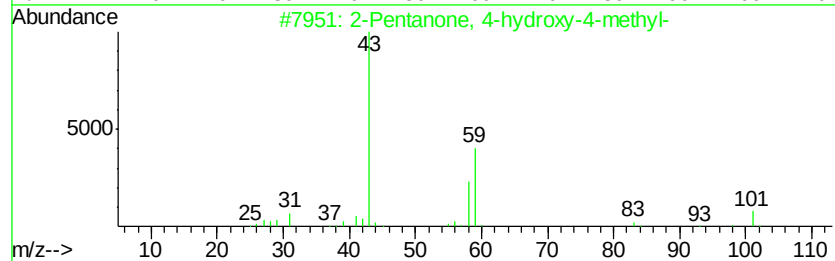
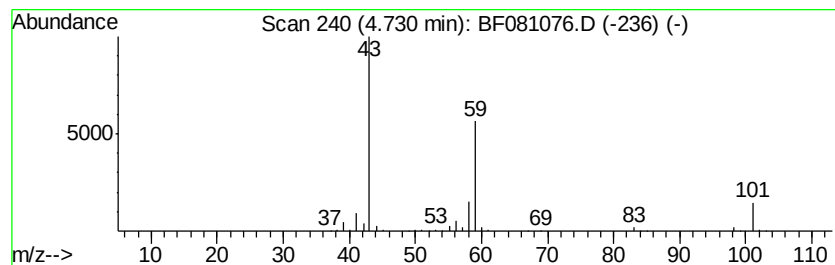
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.73	69.78 ng	1781430	1,4-Dichlorobenzene-d4	6.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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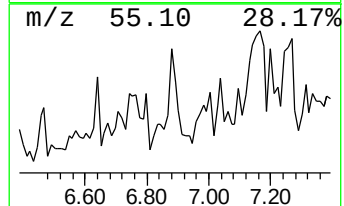
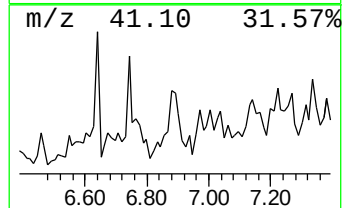
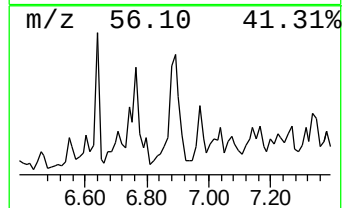
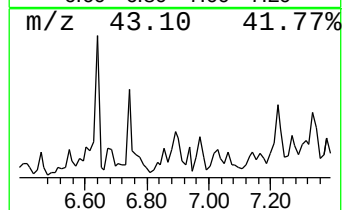
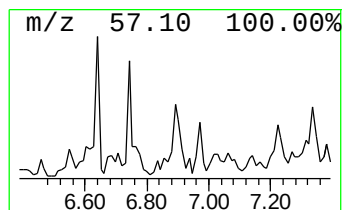
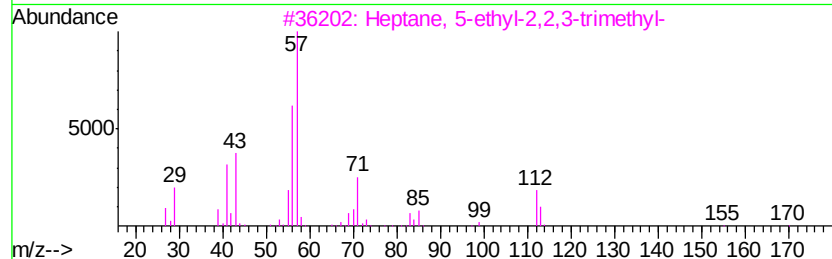
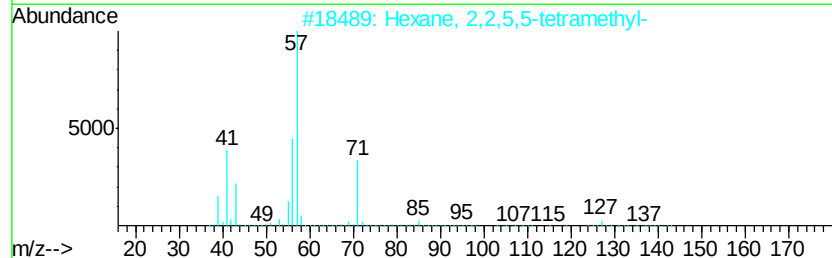
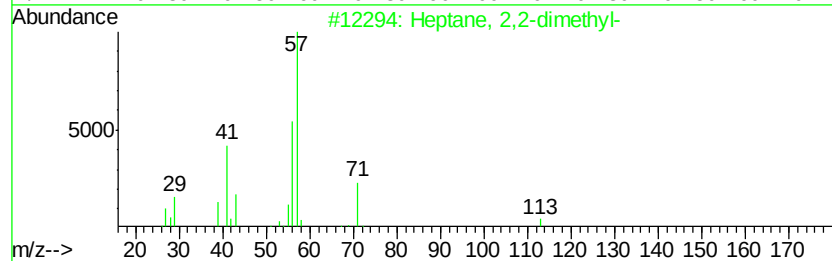
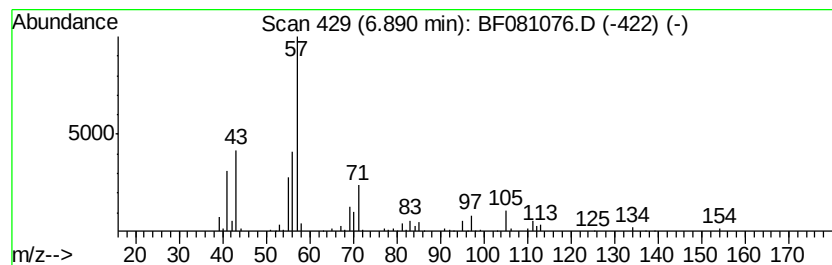
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	23.11 ng	589901	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	50
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37



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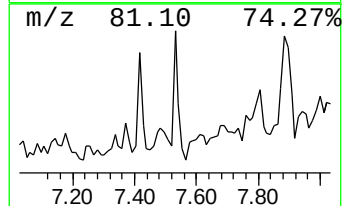
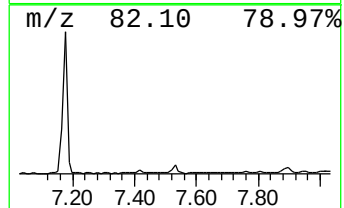
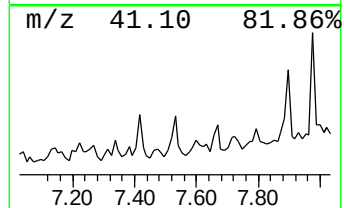
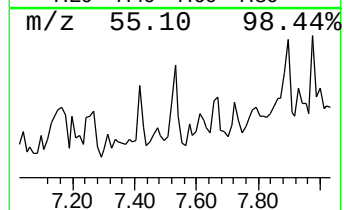
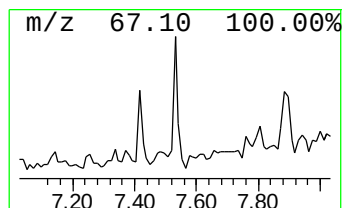
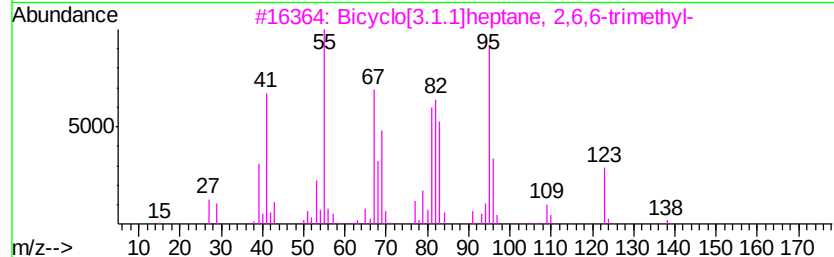
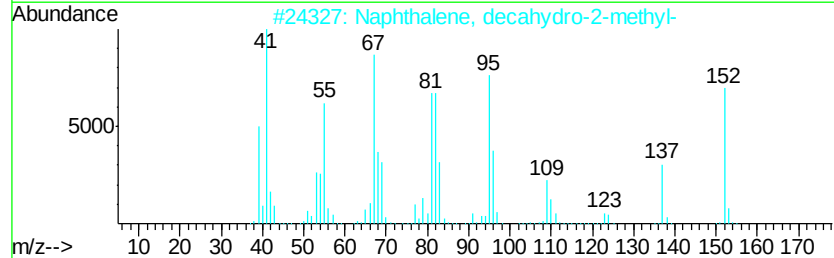
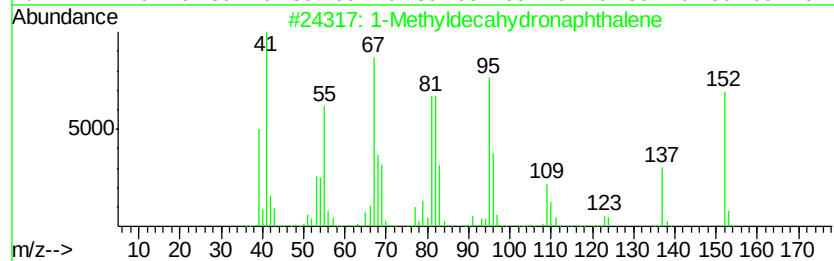
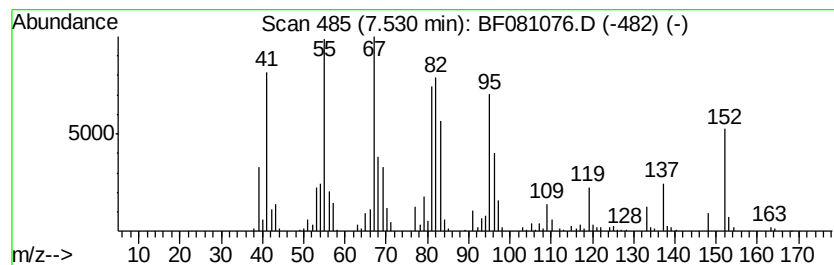
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	10.70 ng	534825	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	70
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	68
5		5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	55



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S8-9003

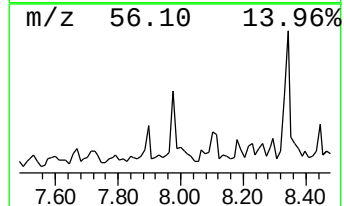
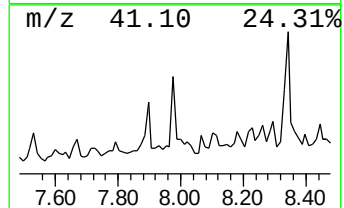
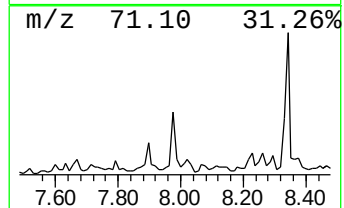
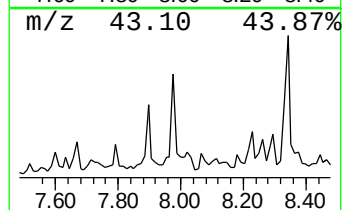
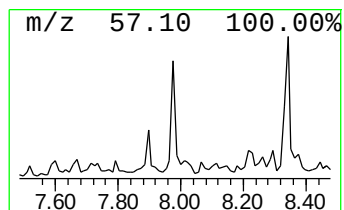
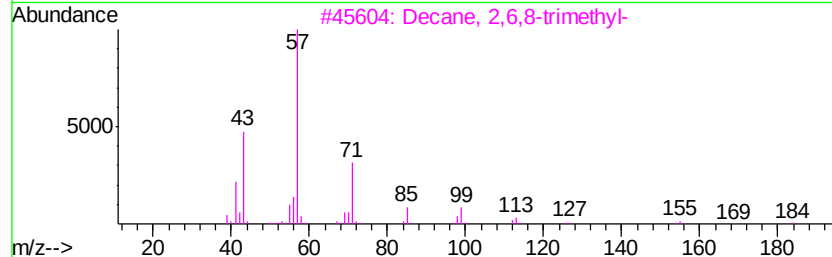
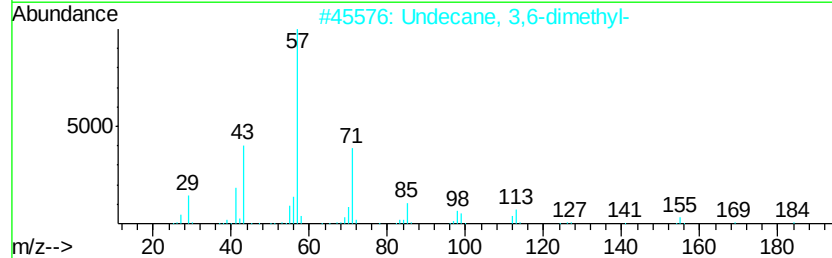
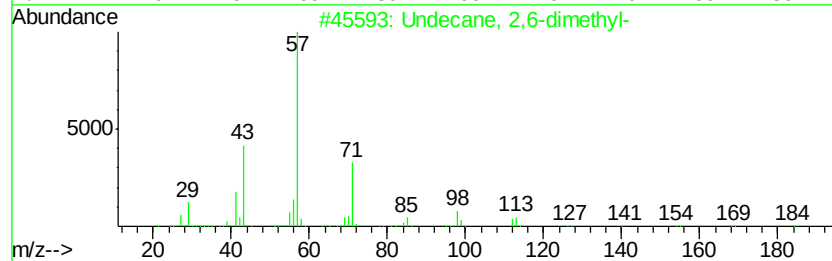
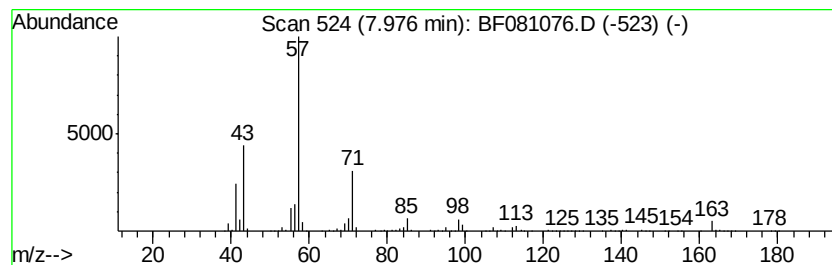
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	14.44 ng	721620	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-9003

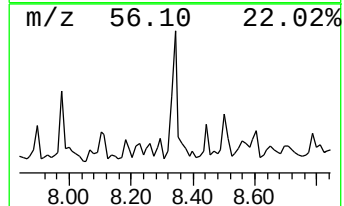
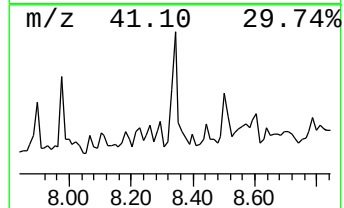
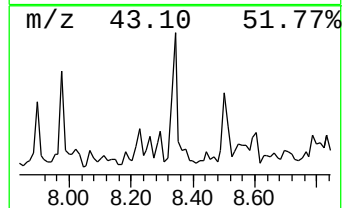
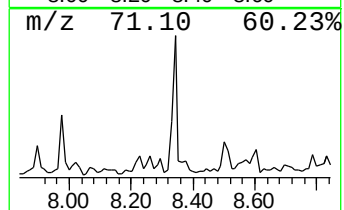
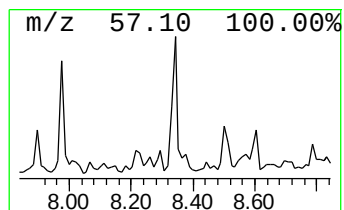
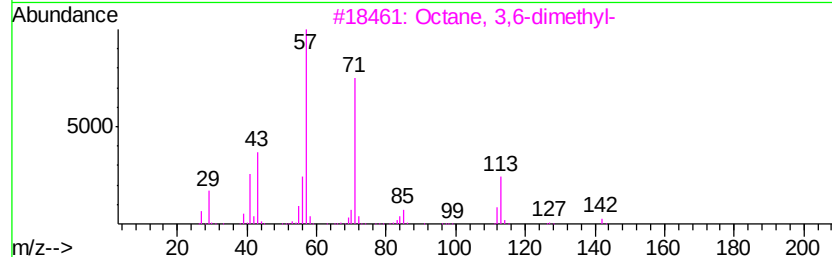
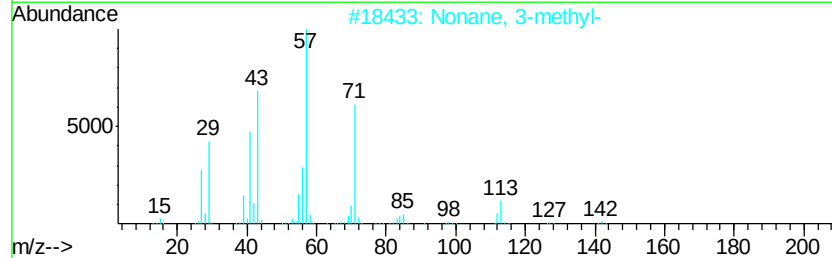
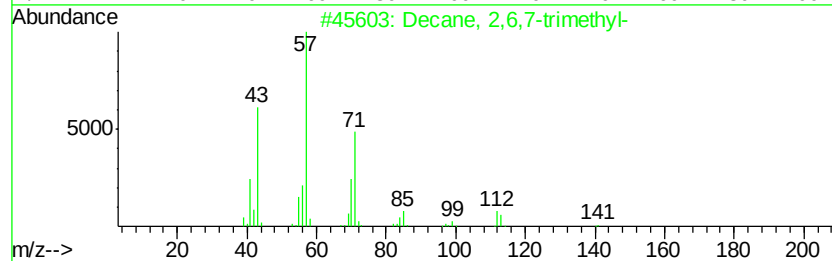
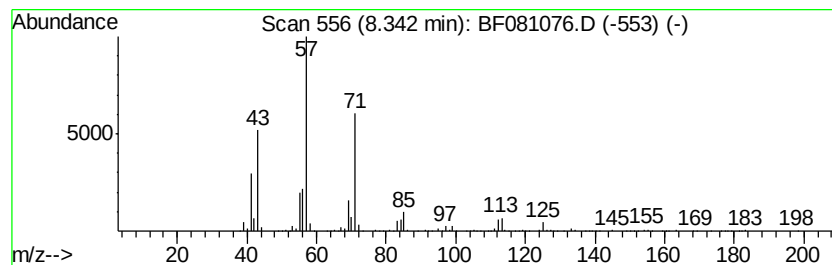
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	37.18 ng	1858410	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
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Sample : G3254-01
Misc :
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ClientSampleId :
S8-9003

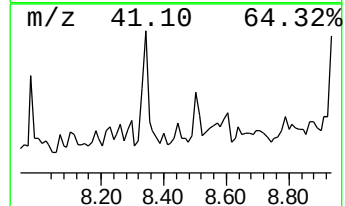
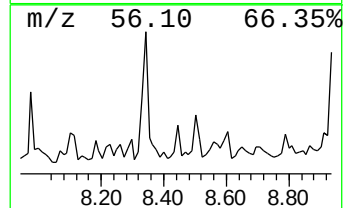
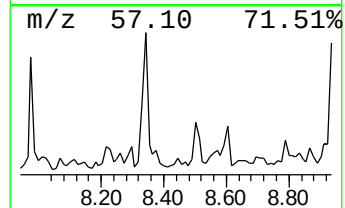
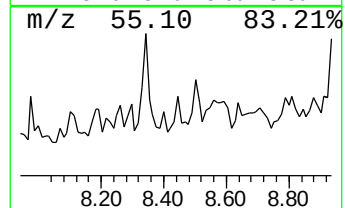
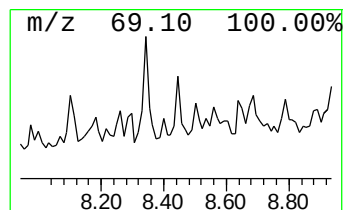
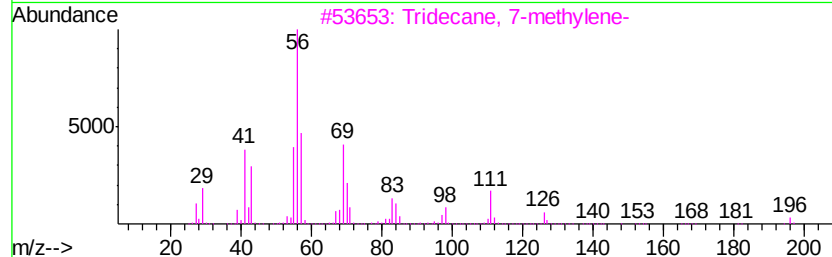
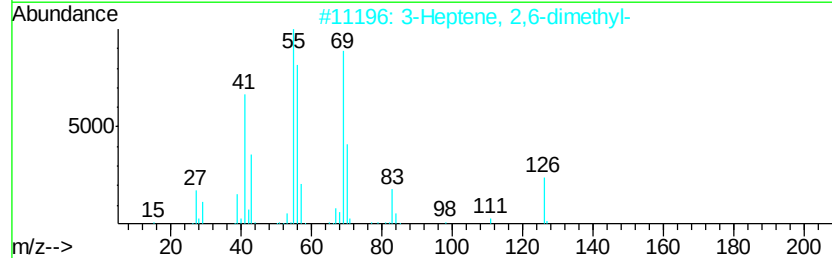
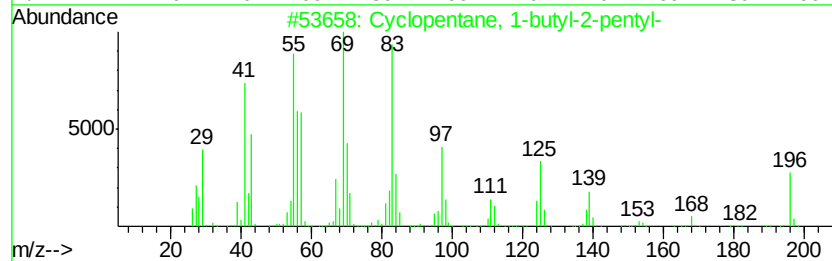
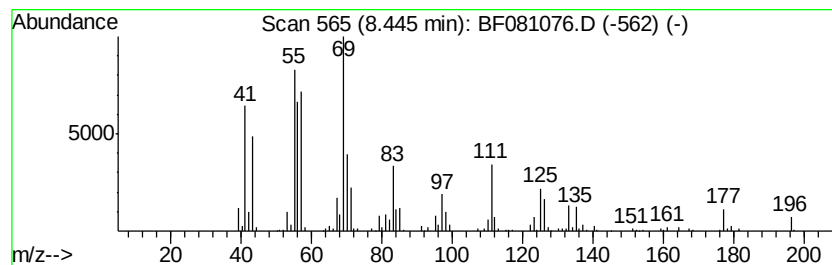
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentane, 1-butyl-2-pen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	7.51 ng	375565	Naphthalene-d8	7.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	62
2			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	62
3			Tridecane, 7-methylene-	196	C14H28	019780-80-4	60
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
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ClientSampleId :
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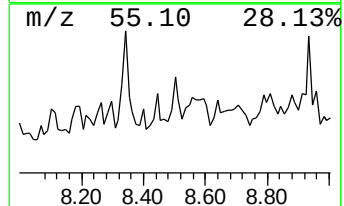
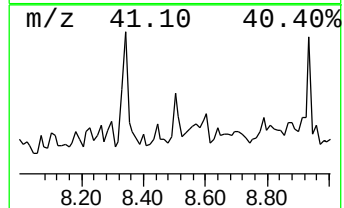
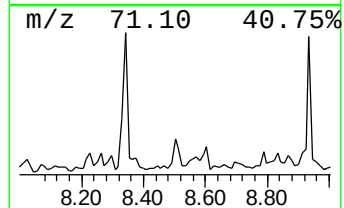
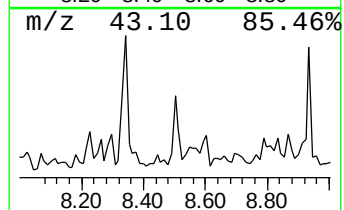
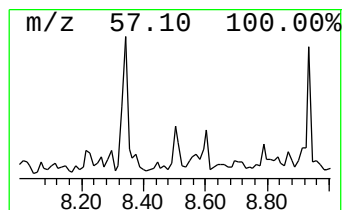
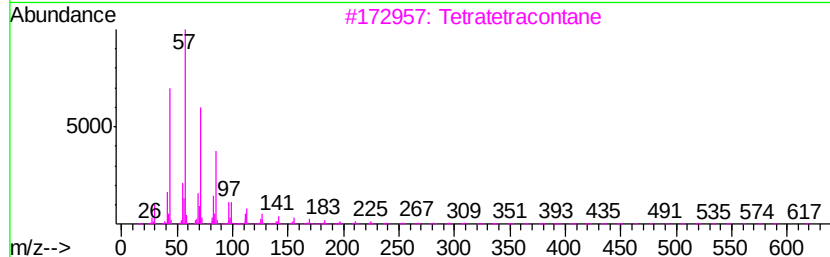
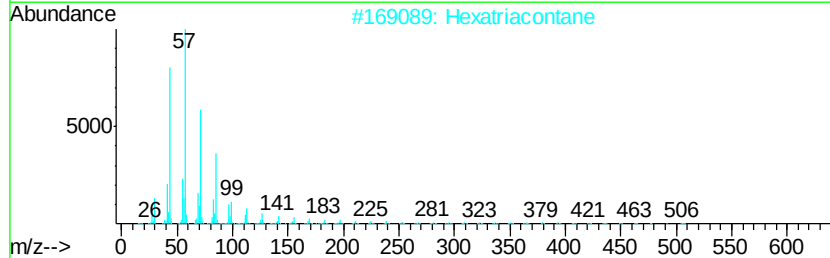
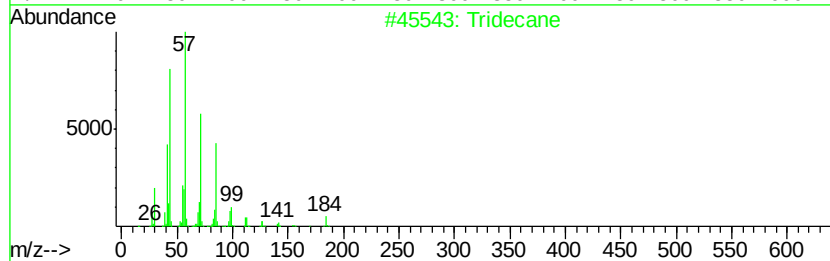
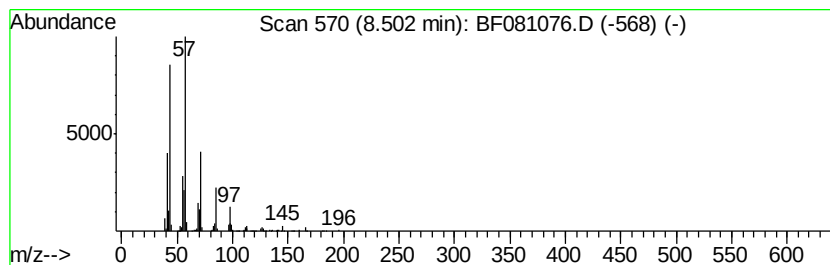
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	13.96 ng	697867	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	68
2		Hexatriacontane	507	C36H74	000630-06-8	64
3		Tetratetracontane	619	C44H90	007098-22-8	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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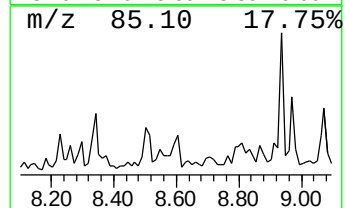
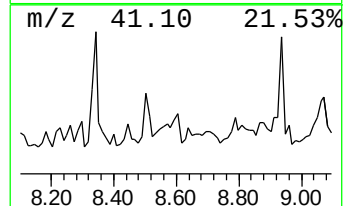
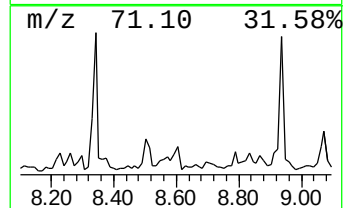
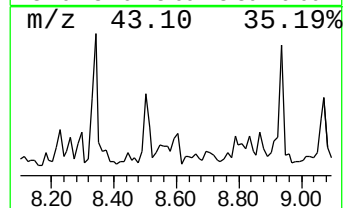
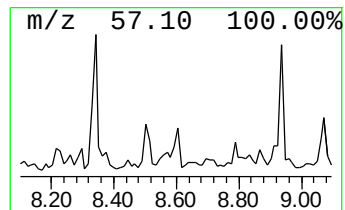
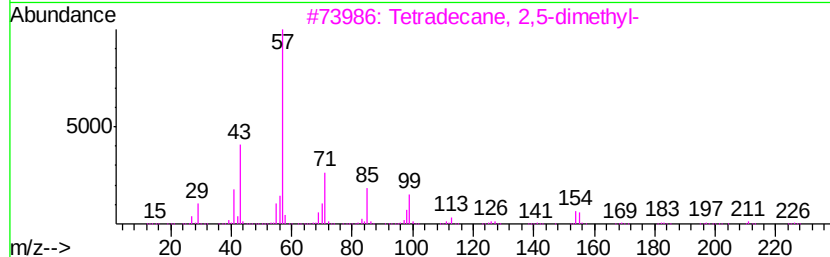
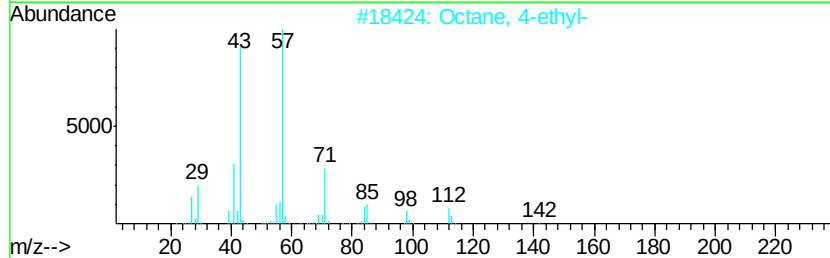
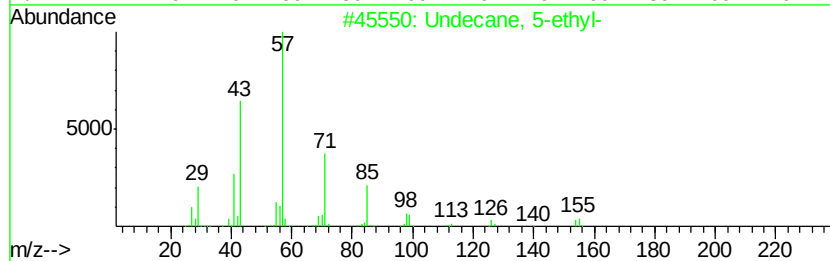
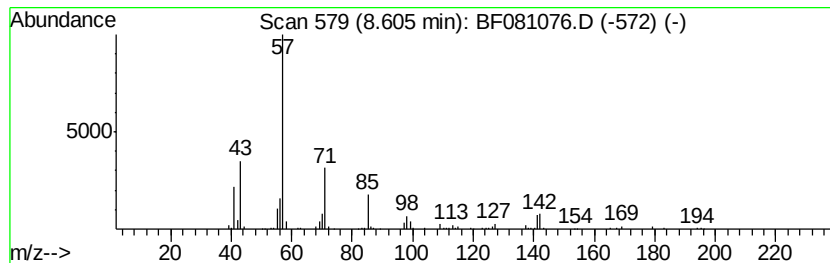
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 5-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	22.15 ng	1107240	Napthalene-d8	7.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-ethyl-	184 C13H28	017453-94-0	64
2	Octane, 4-ethyl-	142 C10H22	015869-86-0	64
3	Tetradecane, 2,5-dimethyl-	226 C16H34	056292-69-4	59
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	53
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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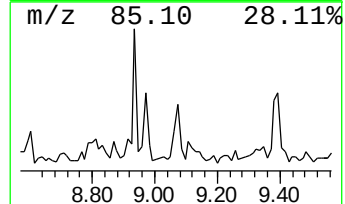
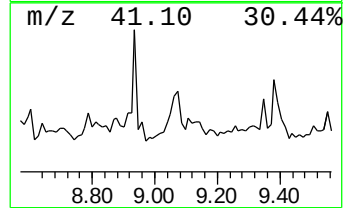
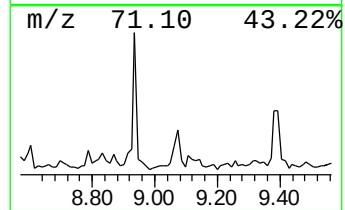
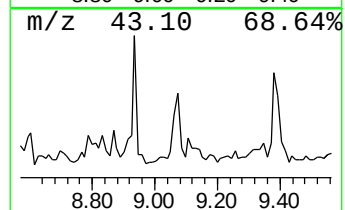
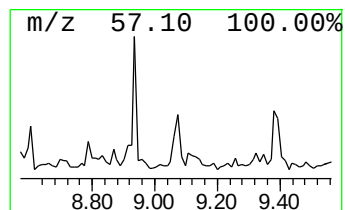
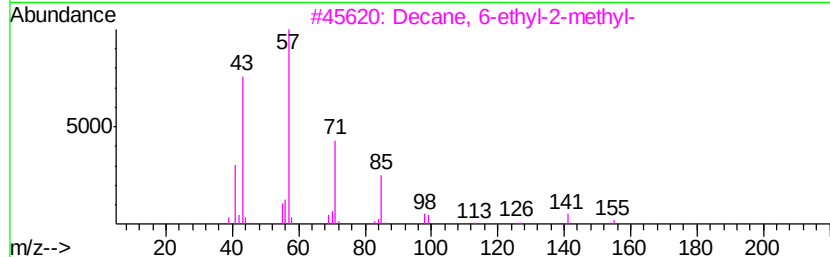
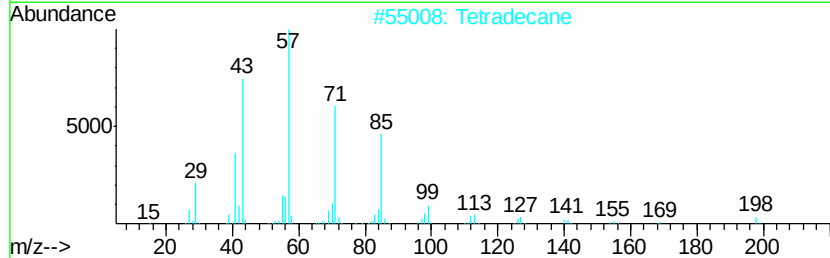
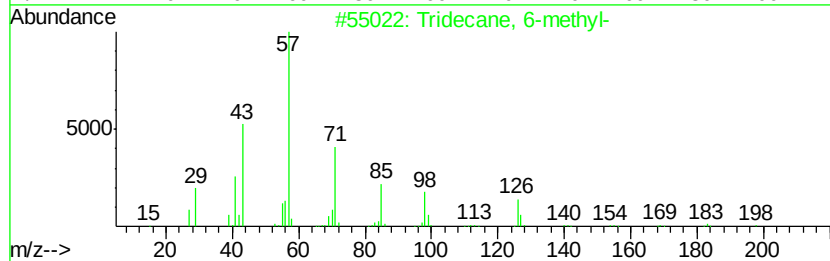
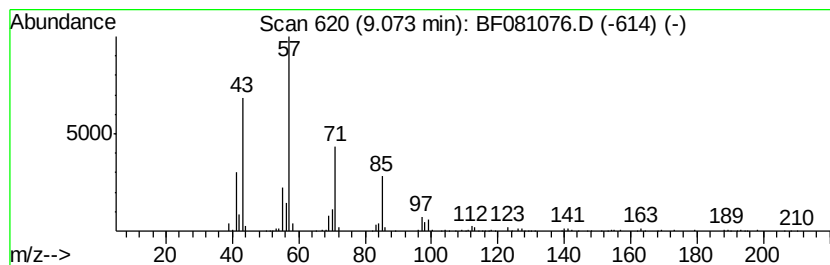
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	28.04 ng	1231400	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane	184	C13H28	000629-50-5	80



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Acq On : 19 Aug 2015 10:05
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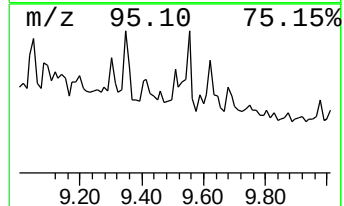
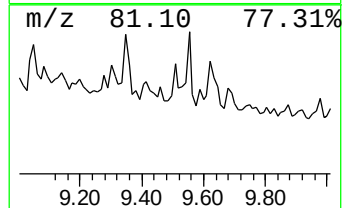
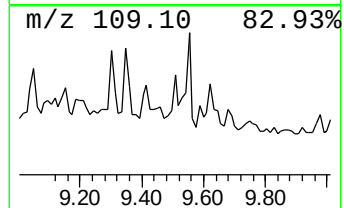
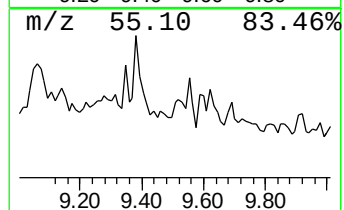
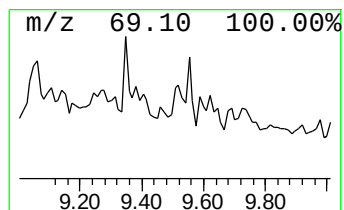
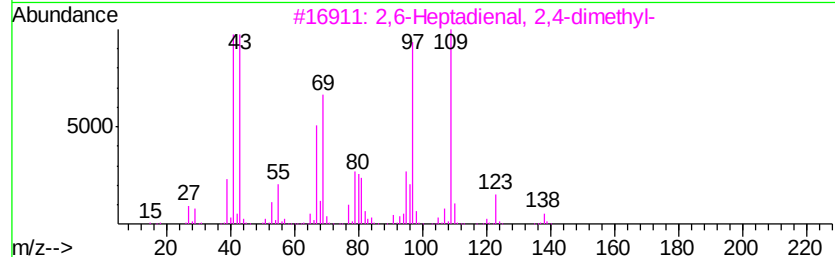
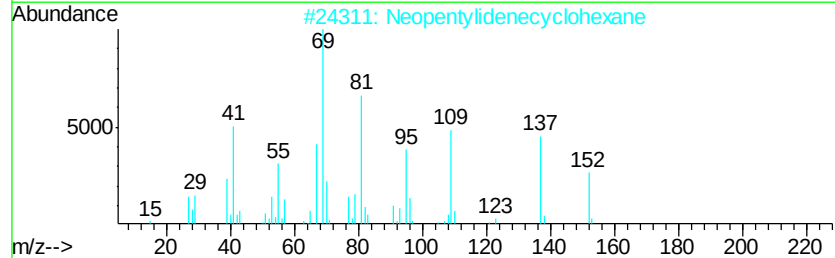
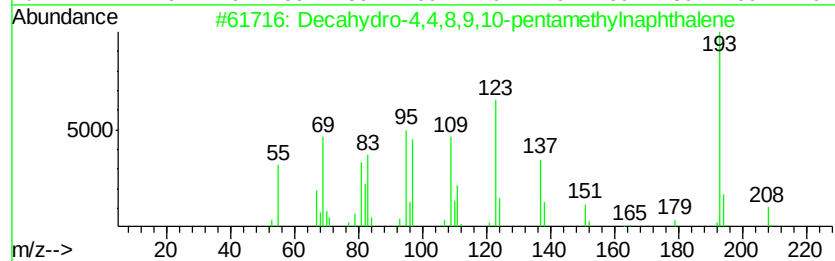
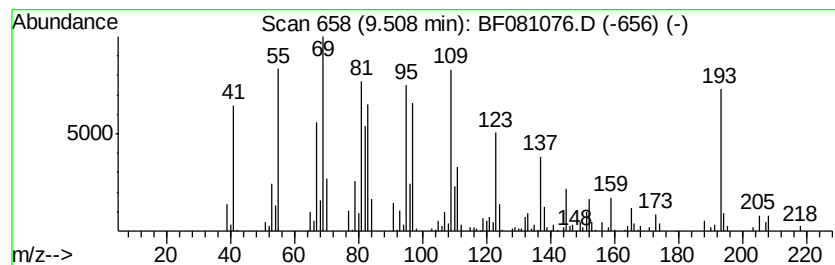
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decahydro-4,4,8,9,10-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	9.15 ng	401661	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	70
2		Neopentylidenecyclohexane	152	C11H20	039546-80-0	64
3		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	42
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	35
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-9003

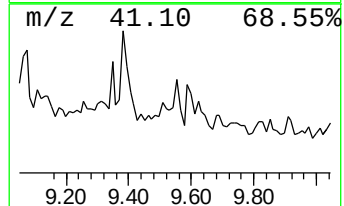
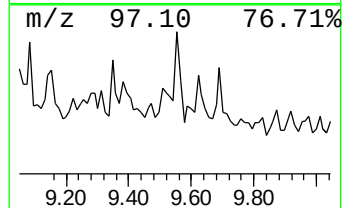
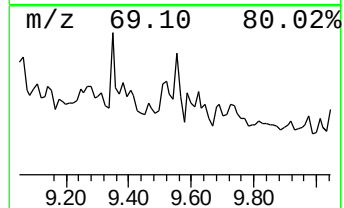
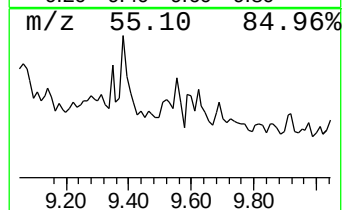
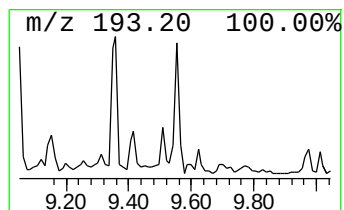
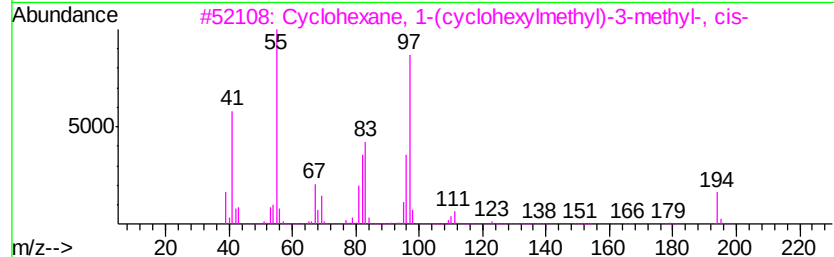
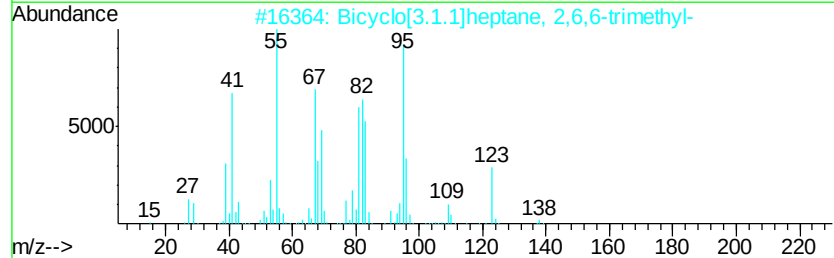
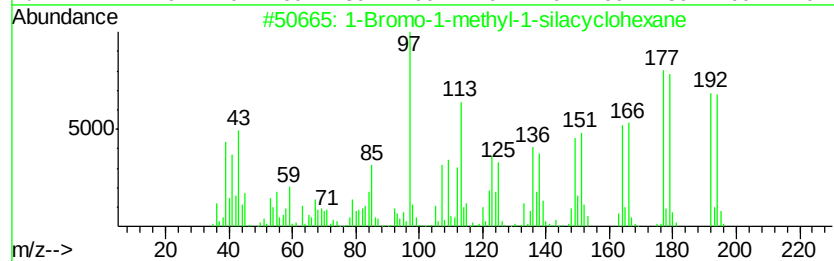
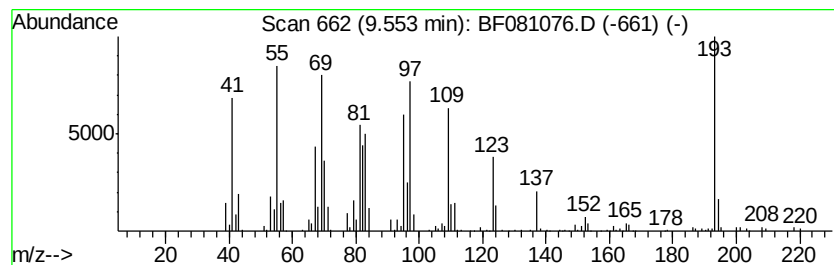
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Bromo-1-methyl-1-silacycl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	8.79 ng	386172	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	60
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
3		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-96-0	25
4		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
5		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-98-2	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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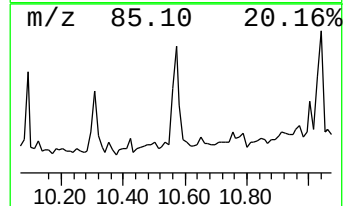
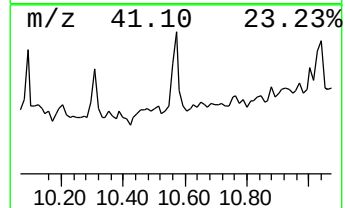
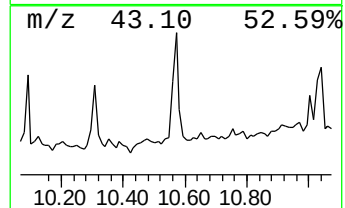
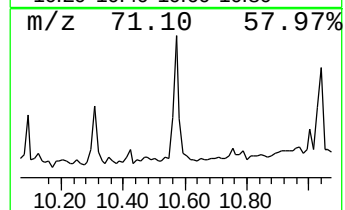
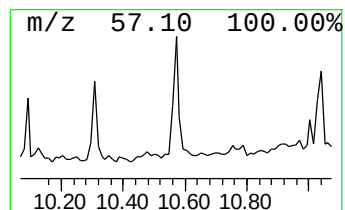
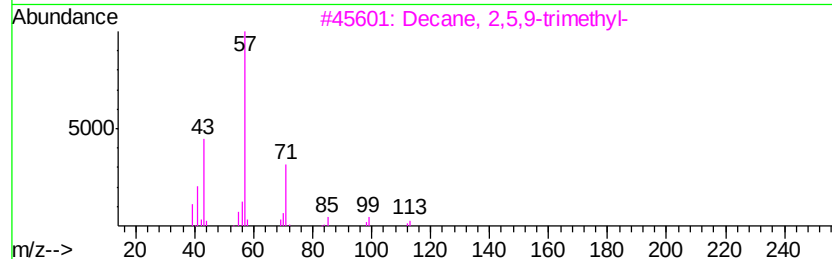
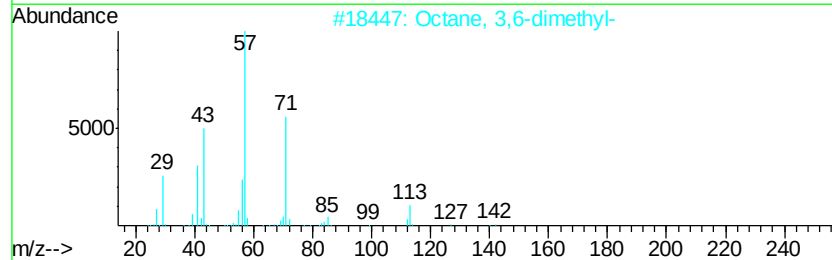
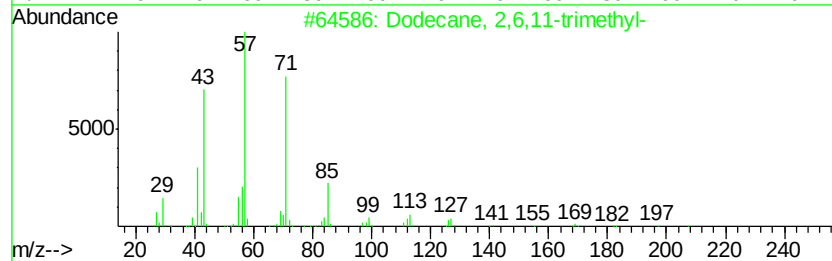
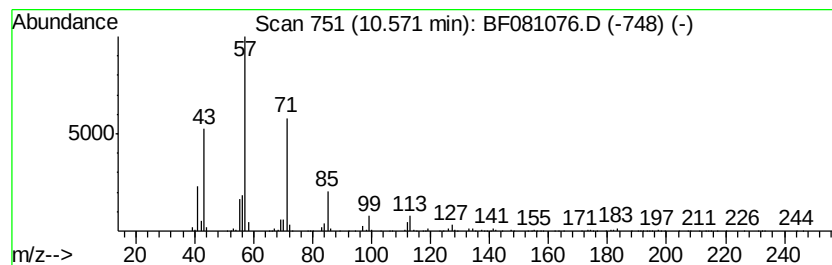
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	24.30 ng	570578	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
4		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	52
5		Tetradecane	198	C14H30	000629-59-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

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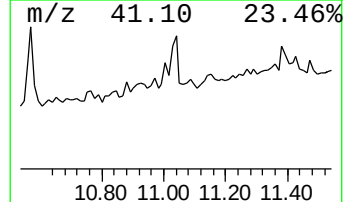
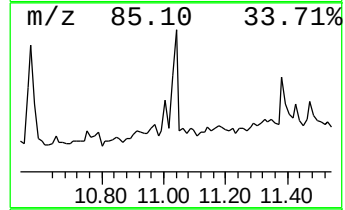
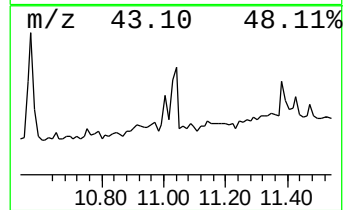
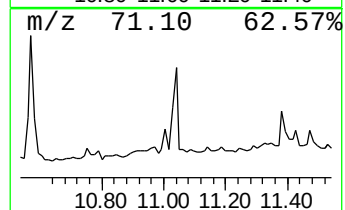
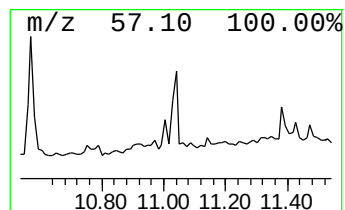
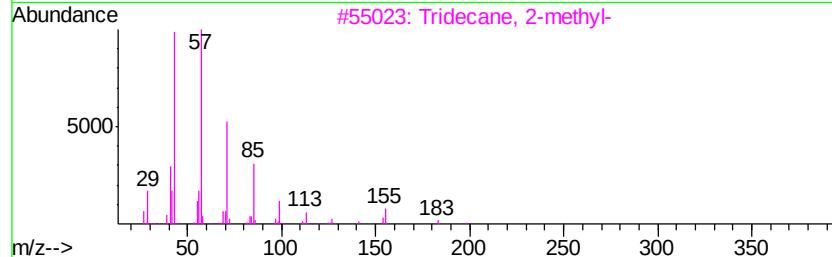
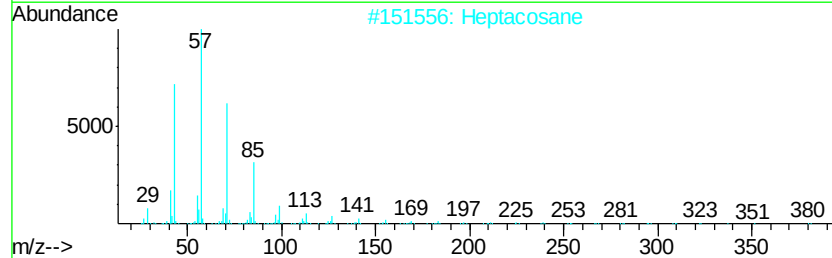
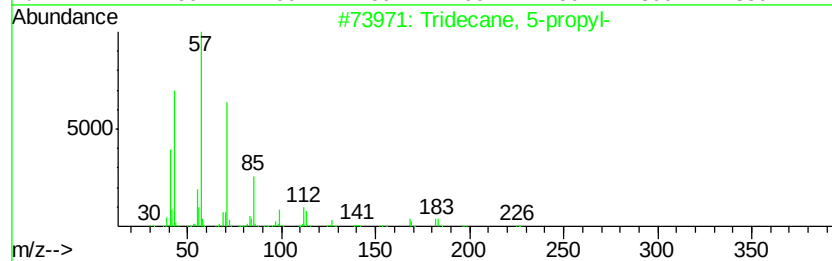
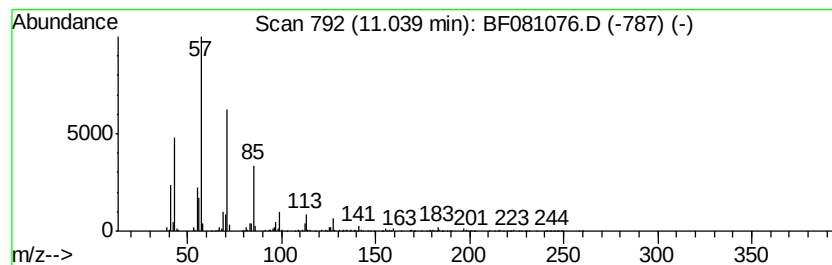
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	22.73 ng	533649	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
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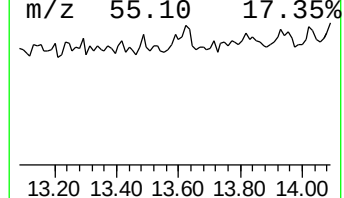
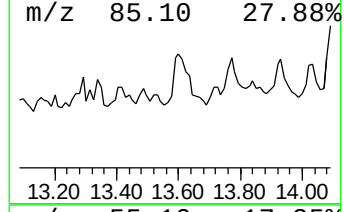
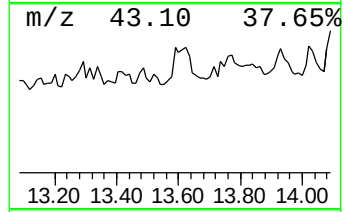
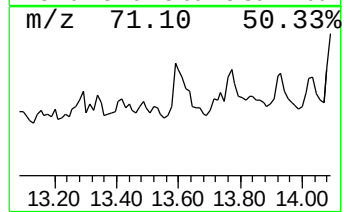
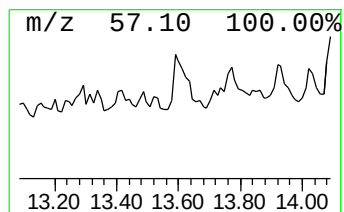
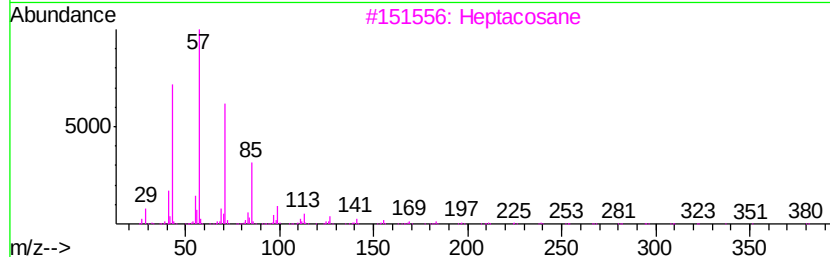
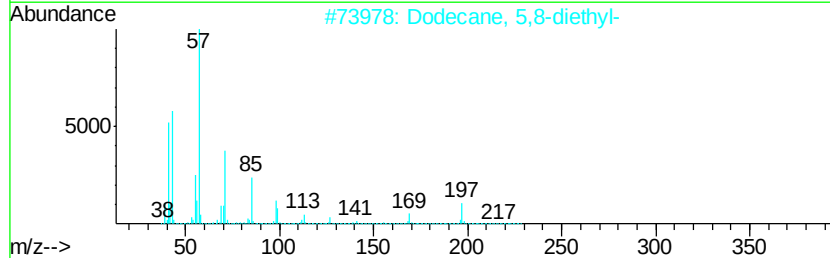
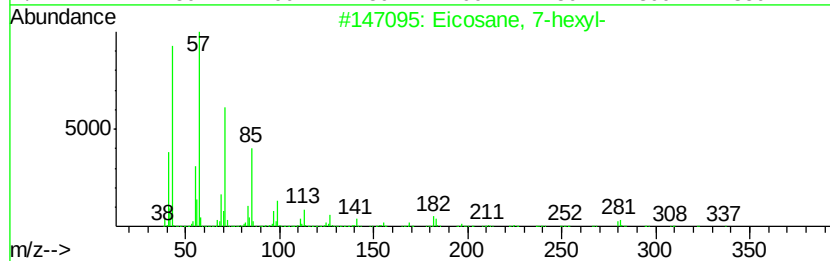
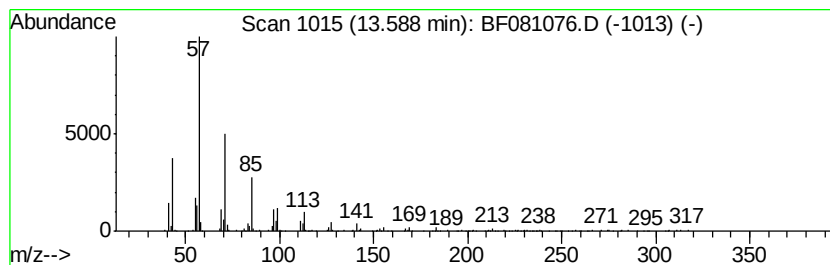
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane, 7-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.59	8.46 ng	198602	Chrysene-d12	13.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
2	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081076.D
Acq On : 19 Aug 2015 10:05
Operator : UM/IZ
Sample : G3254-01
Misc :
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Instrument :
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ClientSampleId :
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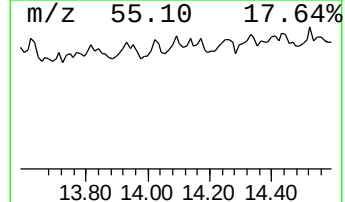
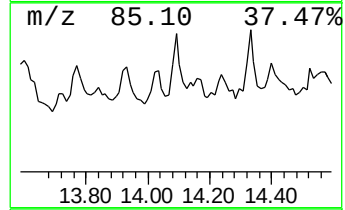
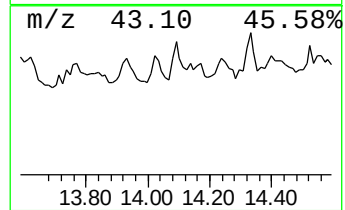
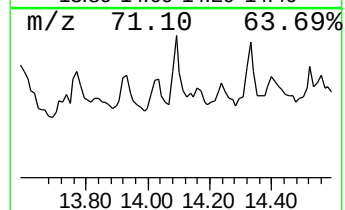
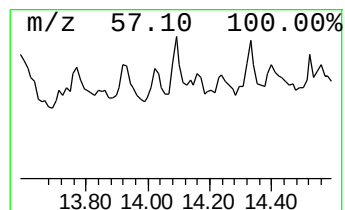
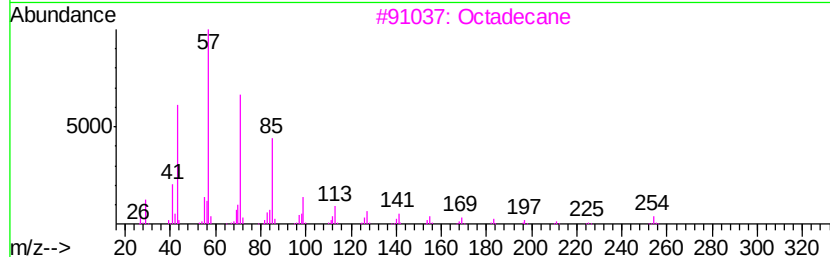
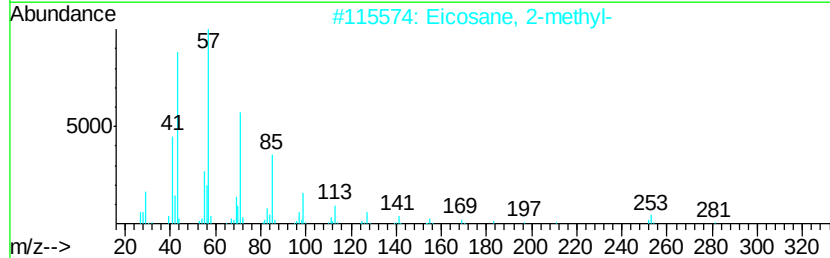
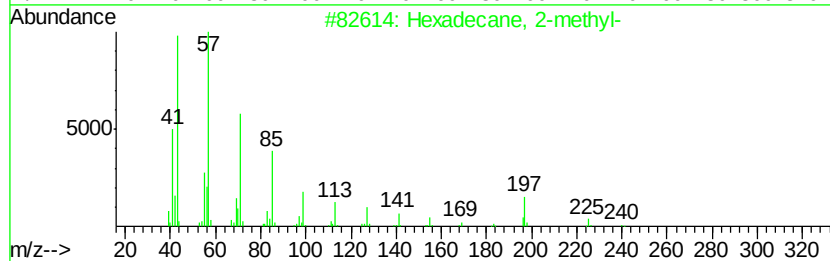
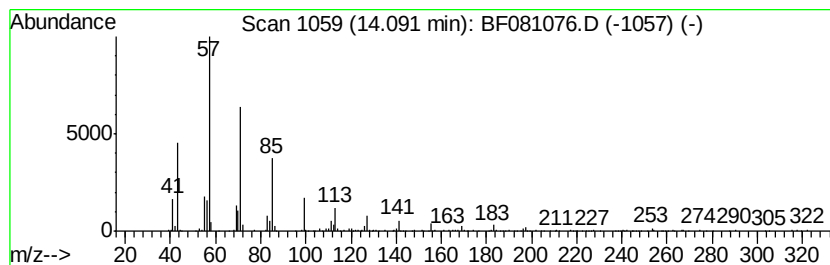
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	13.28 ng	311845	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	94
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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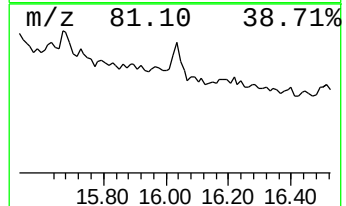
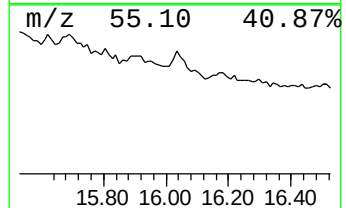
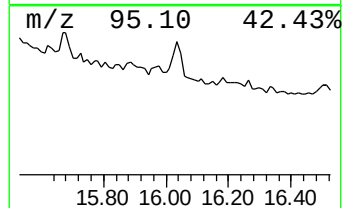
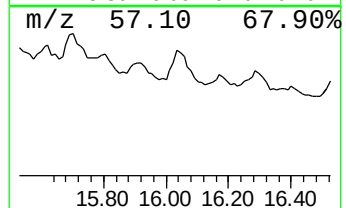
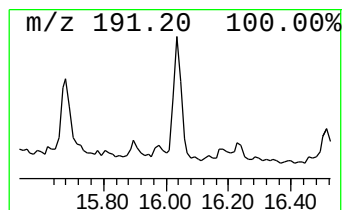
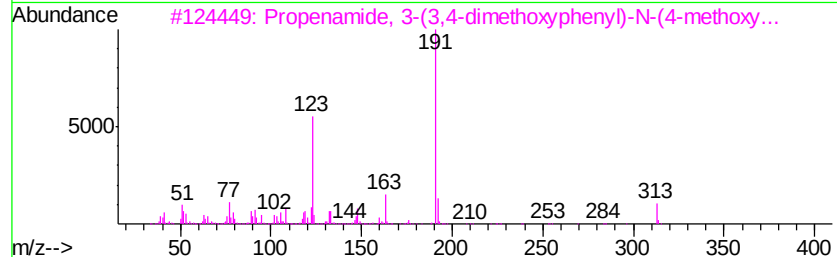
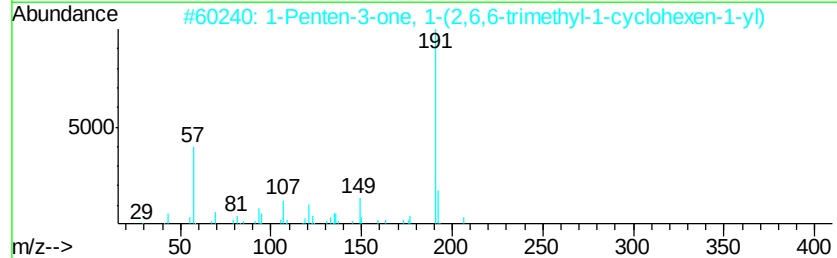
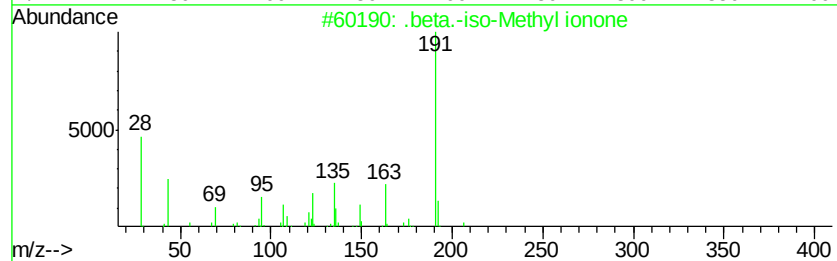
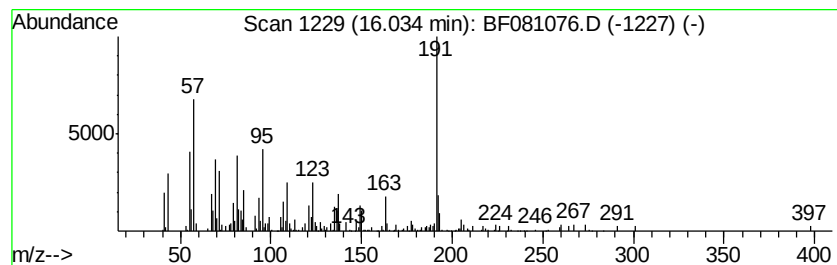
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	20.00 ng	462528	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 50
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5 42
3		Propenamide, 3-(3,4-dimethoxyphe...	313 C18H19NO4	339165-72-9 38
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 37
5		5H-Benzo[def]carbazole	191 C14H9N	000203-65-6 30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
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 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
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Heptane, 2,2-dime...	6.89	23.1	ng	589901	1	6.60	510617	20.0
1-Methyldecahydro...	7.53	10.7	ng	534825	2	7.90	999610	20.0
Undecane, 2,6-dim...	7.98	14.4	ng	721620	2	7.90	999610	20.0
Decane, 2,6,7-tri...	8.34	37.2	ng	1858410	2	7.90	999610	20.0
Cyclopentane, 1-b...	8.44	7.5	ng	375565	2	7.90	999610	20.0
Tridecane	8.50	14.0	ng	697867	2	7.90	999610	20.0
Undecane, 5-ethyl-	8.60	22.1	ng	1107240	2	7.90	999610	20.0
Tridecane, 6-methyl-	9.07	28.0	ng	1231400	3	9.63	878288	20.0
Decahydro-4,4,8,9...	9.51	9.2	ng	401661	3	9.63	878288	20.0
1-Bromo-1-methyl-...	9.55	8.8	ng	386172	3	9.63	878288	20.0
Dodecane, 2,6,11-...	10.57	24.3	ng	570578	4	11.11	469566	20.0
Tridecane, 5-propyl-	11.04	22.7	ng	533649	4	11.11	469566	20.0
Eicosane, 7-hexyl-	13.59	8.5	ng	198602	5	13.73	469595	20.0
Hexadecane, 2-met...	14.09	13.3	ng	311845	5	13.73	469595	20.0
.beta.-iso-Methyl...	16.03	20.0	ng	462528	6	15.09	462528	20.0