

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081371.D
 Acq On : 3 Sep 2015 2:56
 Operator : UM/IZ
 Sample : G3490-02 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TPA(3.5-4)

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-BF090115.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	3.553	169	172	176	rBV	67859	128188	7.01%	0.386%
2	4.421	246	248	257	rVB	281374	365925	20.00%	1.103%
3	4.936	291	293	297	rBV	459058	498440	27.25%	1.502%
4	5.610	349	352	355	rVB2	36346	58477	3.20%	0.176%
5	5.884	373	376	378	rBV2	58136	87564	4.79%	0.264%
6	5.919	378	379	382	rVB2	46609	60234	3.29%	0.182%
7	5.976	382	384	386	rBV	70192	75332	4.12%	0.227%
8	6.056	389	391	395	rVB	646589	584120	31.93%	1.760%
9	6.147	398	399	402	rVB	381781	502284	27.46%	1.514%
10	6.239	405	407	409	rVB	107407	104670	5.72%	0.315%
11	6.342	411	416	418	rBV3	19941	42864	2.34%	0.129%
12	6.387	418	420	422	rBV	439281	411574	22.50%	1.240%
13	6.422	422	423	426	rBV3	77894	114620	6.27%	0.345%
14	6.536	431	433	439	rVB2	334152	489189	26.74%	1.474%
15	6.650	441	443	444	rBV	52279	48821	2.67%	0.147%
16	6.696	444	447	448	rVB2	57986	83954	4.59%	0.253%
17	6.730	448	450	451	rBV	106531	115660	6.32%	0.349%
18	6.765	451	453	455	rBV2	64216	113389	6.20%	0.342%
19	6.810	455	457	459	rVB2	97560	128827	7.04%	0.388%
20	6.890	459	464	465	rBV4	25394	67091	3.67%	0.202%
21	6.959	466	470	472	rBV	404606	442675	24.20%	1.334%
22	7.027	474	476	477	rBV	155411	196005	10.71%	0.591%
23	7.062	477	479	480	rVB	76303	75327	4.12%	0.227%
24	7.130	483	485	487	rVB2	66619	85489	4.67%	0.258%
25	7.176	487	489	490	rBV2	59049	61996	3.39%	0.187%
26	7.210	490	492	494	rVB2	158555	223965	12.24%	0.675%
27	7.267	494	497	498	rVB2	44196	62712	3.43%	0.189%
28	7.313	498	501	503	rBV3	224478	315974	17.27%	0.952%
29	7.359	503	505	506	rVB	74383	75755	4.14%	0.228%
30	7.393	506	508	509	rBV2	135123	167238	9.14%	0.504%
31	7.427	509	511	512	rVB2	223057	222950	12.19%	0.672%
32	7.462	512	514	516	rVB	211896	219007	11.97%	0.660%
33	7.507	516	518	522	rBV2	226933	333700	18.24%	1.006%
34	7.588	522	525	528	rVB3	72107	142298	7.78%	0.429%

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35	7.679	528	533	536	rBV2	810614	1336786	73.07%	4.028%
36	7.770	539	541	544	rVV	342750	388292	21.23%	1.170%
37	7.816	544	545	547	rVB	44773	58786	3.21%	0.177%
38	7.873	548	550	554	rBV4	120533	192333	10.51%	0.580%
39	7.953	556	557	559	rVV2	73354	133424	7.29%	0.402%
40	7.988	559	560	561	rVV	200998	167711	9.17%	0.505%
41	8.022	561	563	564	rVV	160235	216044	11.81%	0.651%
42	8.056	564	566	567	rVV2	228662	244947	13.39%	0.738%
43	8.090	567	569	571	rVV3	119328	141828	7.75%	0.427%
44	8.136	571	573	576	rVV	705092	826097	45.16%	2.489%
45	8.182	576	577	579	rVV	136334	132983	7.27%	0.401%
46	8.228	579	581	583	rVV3	108526	169854	9.28%	0.512%
47	8.308	585	588	589	rVV2	396080	613268	33.52%	1.848%
48	8.342	589	591	592	rVV2	196704	295475	16.15%	0.890%
49	8.399	592	596	597	rVB3	203498	462666	25.29%	1.394%
50	8.502	603	605	609	rVB4	251006	394136	21.54%	1.188%
51	8.605	609	614	615	rBV3	263107	573987	31.38%	1.730%
52	8.628	615	616	618	rVB2	158287	173887	9.51%	0.524%
53	8.662	618	619	621	rVB	168288	147466	8.06%	0.444%
54	8.730	621	625	626	rBV	789775	940680	51.42%	2.835%
55	8.753	626	627	631	rVB	360532	404285	22.10%	1.218%
56	8.822	631	633	634	rBV	129989	153555	8.39%	0.463%
57	8.868	634	637	639	rBV	464851	511186	27.94%	1.540%
58	8.902	639	640	642	rBV2	185021	188711	10.32%	0.569%
59	8.936	642	643	645	rVB2	117379	84370	4.61%	0.254%
60	9.016	648	650	652	rBV2	202119	370967	20.28%	1.118%
61	9.085	654	656	657	rBV2	225552	197605	10.80%	0.595%
62	9.188	662	665	672	rVB3	612264	1275362	69.72%	3.843%
63	9.279	672	673	675	rBV2	121215	132155	7.22%	0.398%
64	9.336	675	678	679	rVB2	107837	186062	10.17%	0.561%
65	9.393	681	683	684	rBV	476971	494962	27.06%	1.491%
66	9.416	684	685	687	rBV2	539542	533379	29.16%	1.607%
67	9.531	693	695	697	rVB	199234	256379	14.01%	0.773%
68	9.622	700	703	706	rBV2	232303	615454	33.64%	1.855%
69	9.702	709	710	712	rVB2	285939	320326	17.51%	0.965%
70	9.736	712	713	717	rVB3	195014	441347	24.13%	1.330%
71	9.828	717	721	723	rBV2	288451	499128	27.28%	1.504%

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72	9.885	725	726	728	rVV	478294	363670	19.88%	1.096%
73	9.919	728	729	731	rVB2	124346	165805	9.06%	0.500%
74	9.988	734	735	737	rBV2	158734	233244	12.75%	0.703%
75	10.102	742	745	751	rVB	797763	1060479	57.97%	3.196%
76	10.205	751	754	756	rVB2	465947	637611	34.85%	1.921%
77	10.239	756	757	761	rBV3	111982	252829	13.82%	0.762%
78	10.365	764	768	770	rBV	1083645	1829384	100.00%	5.512%
79	10.411	770	772	774	rVB2	104700	130859	7.15%	0.394%
80	10.536	782	783	785	rBV2	139643	204645	11.19%	0.617%
81	10.582	785	787	788	rVB	162198	187976	10.28%	0.566%
82	10.639	788	792	794	rBV4	138230	265369	14.51%	0.800%
83	10.799	804	806	807	rBV	395852	320066	17.50%	0.964%
84	10.834	807	809	811	rVB	776372	905077	49.47%	2.727%
85	10.891	811	814	815	rBV	385666	497252	27.18%	1.498%
86	10.936	817	818	820	rBV	144580	156940	8.58%	0.473%
87	11.176	837	839	841	rBV	292697	299402	16.37%	0.902%
88	11.222	841	843	845	rVV2	332645	398390	21.78%	1.200%
89	11.268	845	847	848	rVB	159189	147174	8.05%	0.443%
90	11.405	854	859	862	rBV4	172060	615675	33.65%	1.855%
91	11.485	864	866	867	rBV	115337	125122	6.84%	0.377%
92	11.634	877	879	880	rBV	163605	218719	11.96%	0.659%
93	11.908	902	903	906	rBV2	224264	278393	15.22%	0.839%
94	12.125	920	922	923	rBV	185348	298262	16.30%	0.899%
95	12.388	943	945	946	rBV2	211919	214403	11.72%	0.646%
96	12.468	950	952	953	rVV2	326902	371905	20.33%	1.121%
97	12.502	953	955	958	rVB	338293	467509	25.56%	1.409%
98	13.508	1041	1043	1046	rBV3	277858	608316	33.25%	1.833%
99	13.885	1074	1076	1079	rBV	277561	532256	29.09%	1.604%
100	14.125	1095	1097	1099	rBV2	286707	417585	22.83%	1.258%

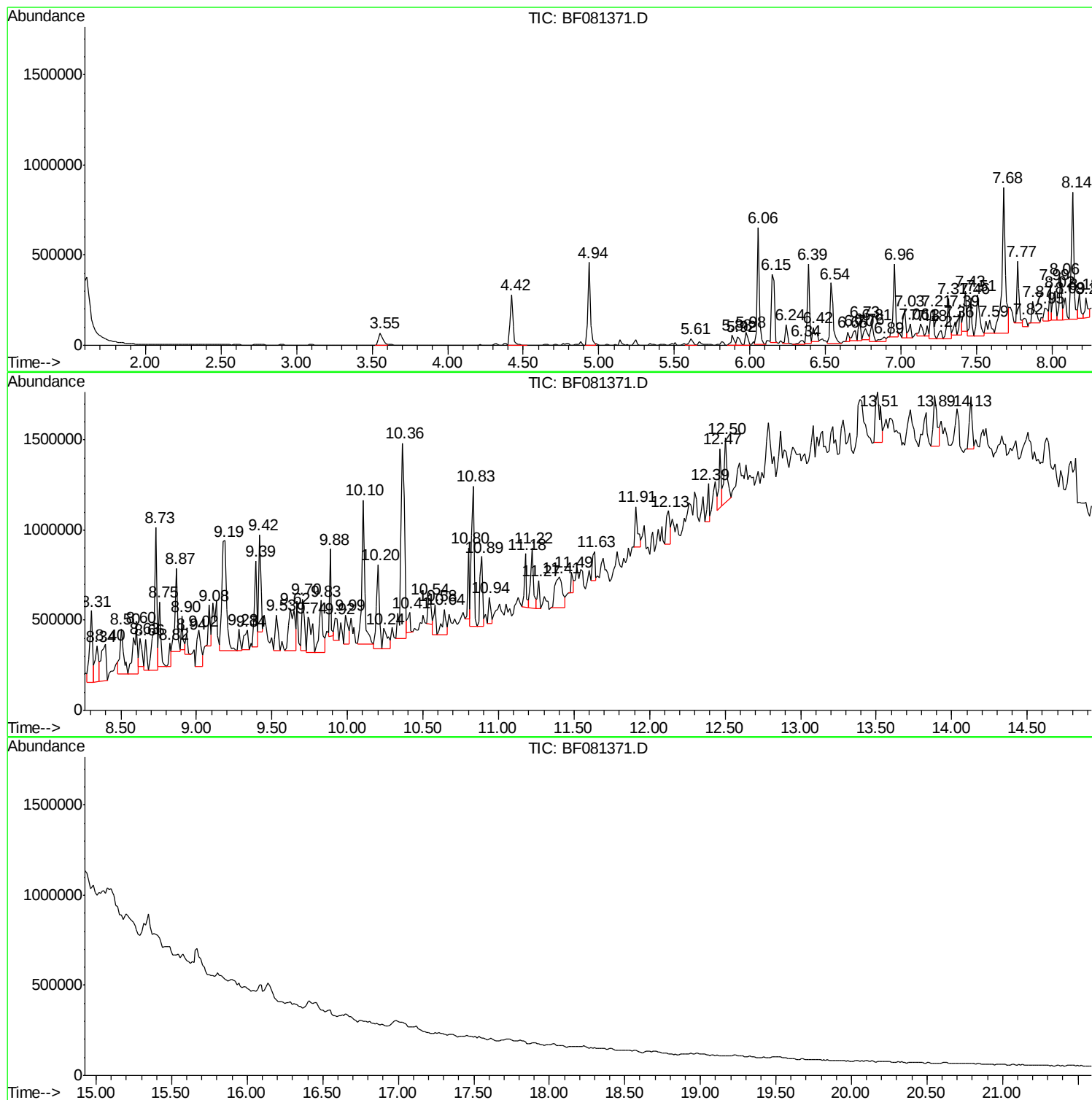
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TIC Library : C:\DATABASE\NIST02.L
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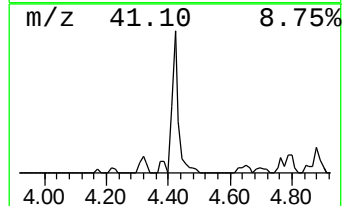
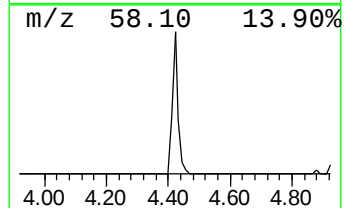
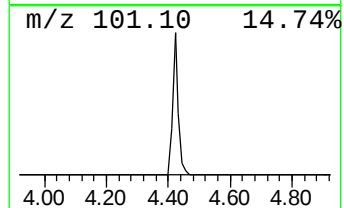
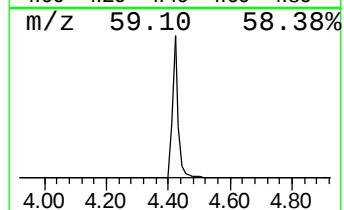
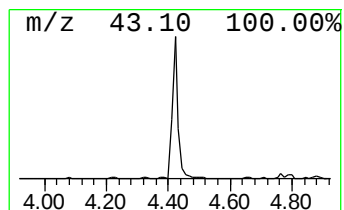
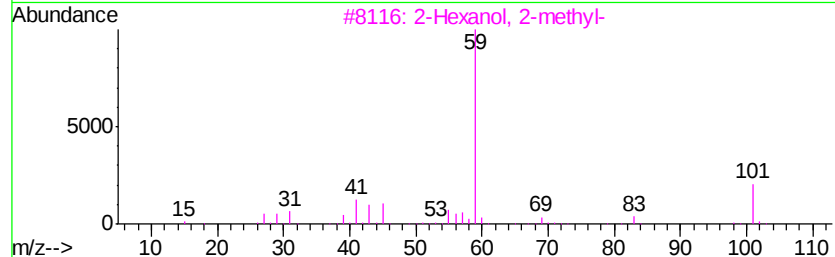
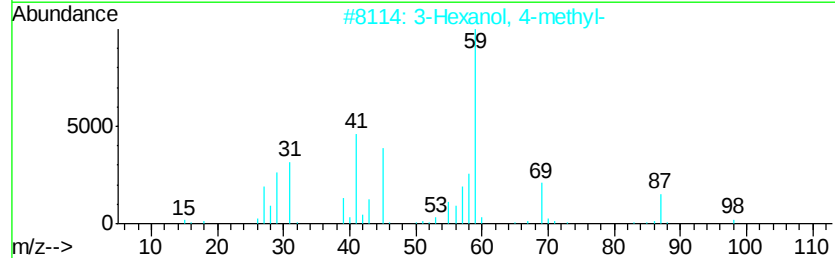
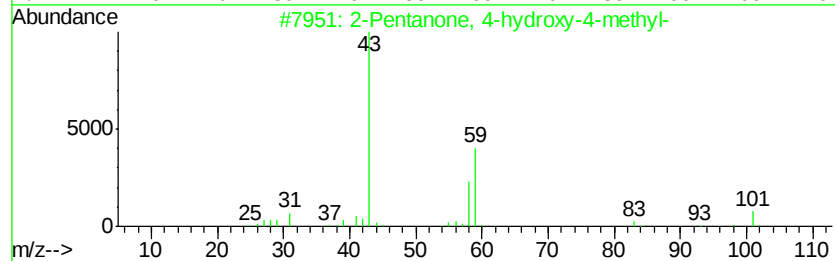
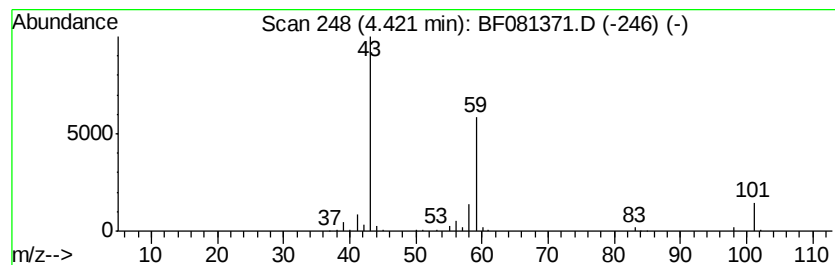
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	17.78 ng	365925	1,4-Dichlorobenzene-d4	6.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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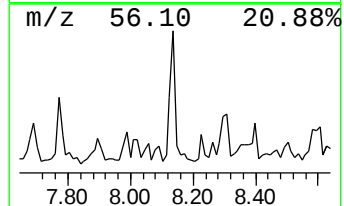
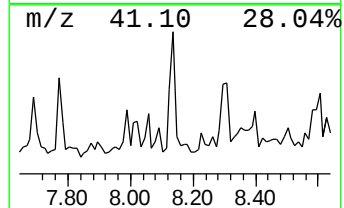
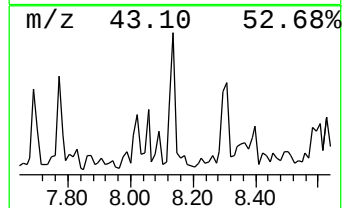
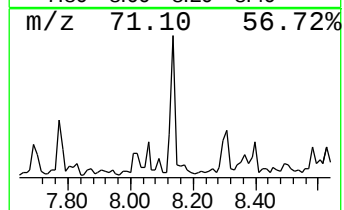
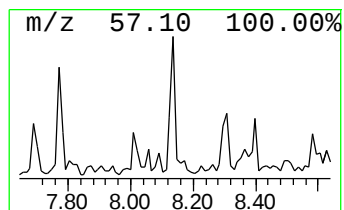
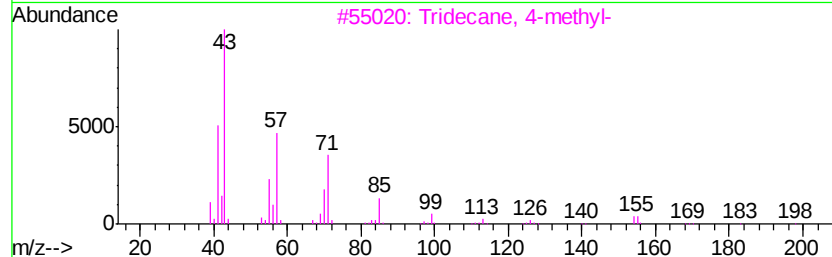
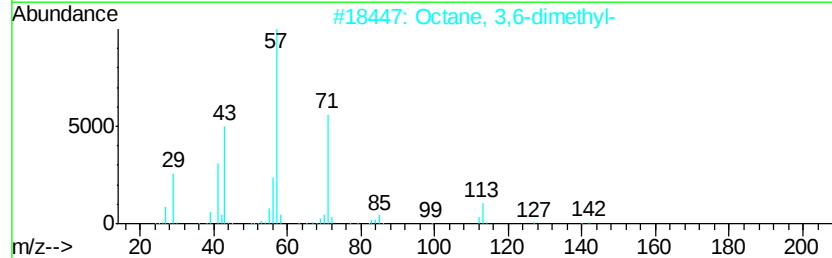
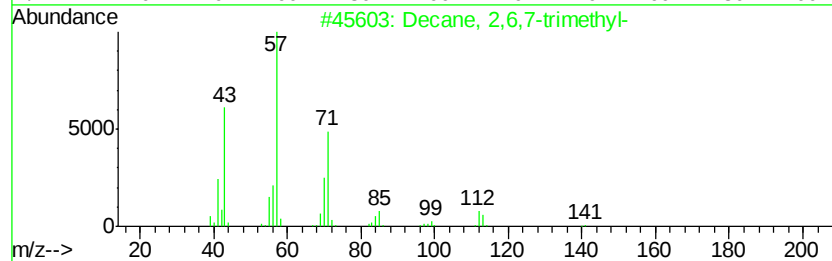
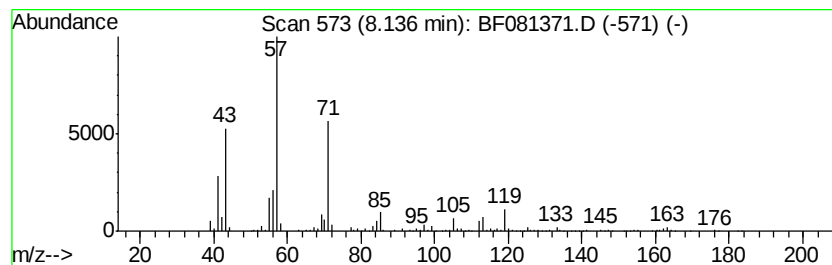
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.36 ng	826097	Naphthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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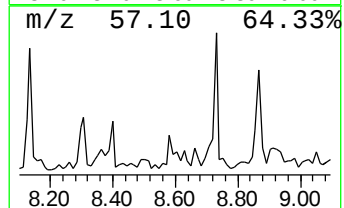
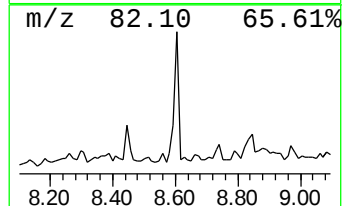
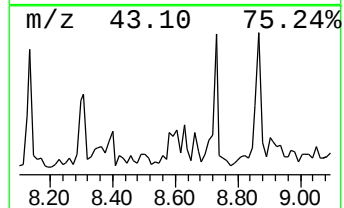
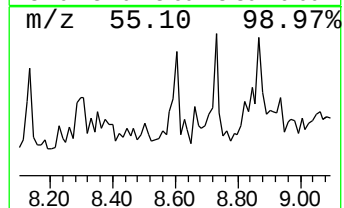
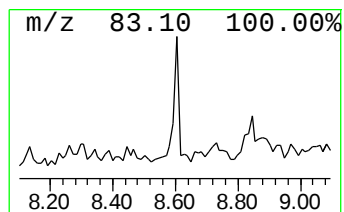
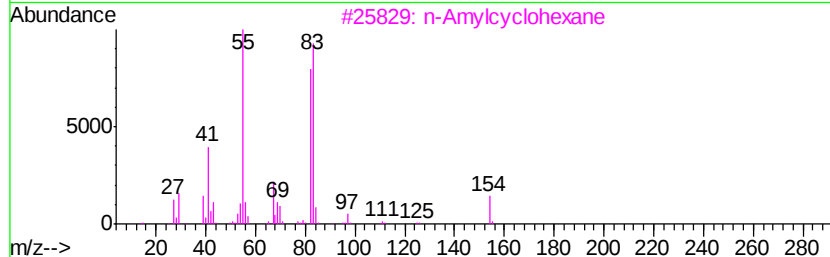
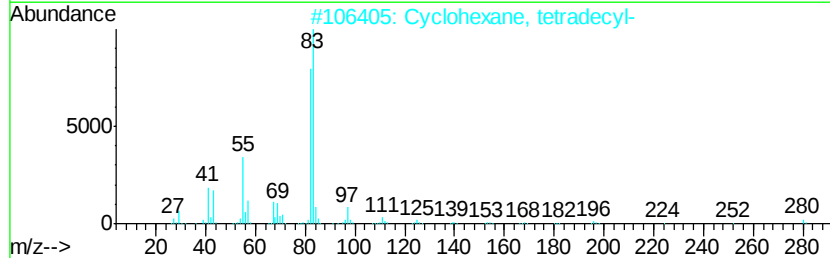
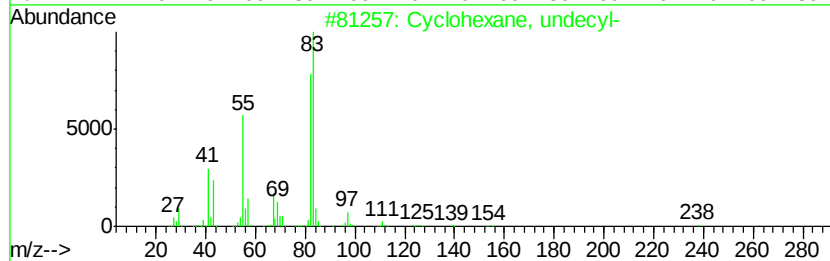
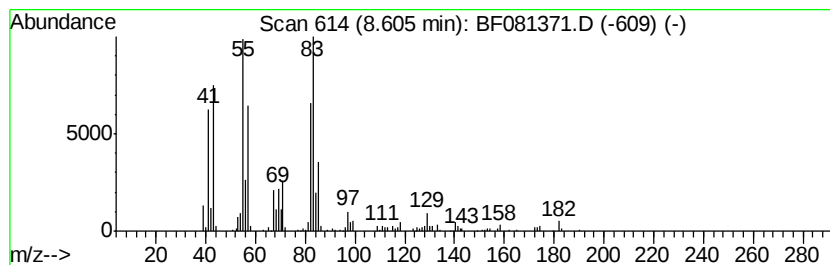
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, undecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	21.52 ng	573987	Acenaphthene-d10	9.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
2		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	53
3		n-Amylcyclohexane	154	C11H22	029949-27-7	50
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

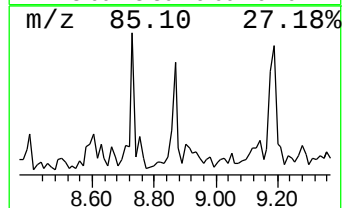
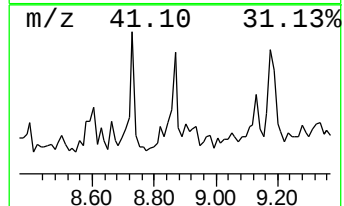
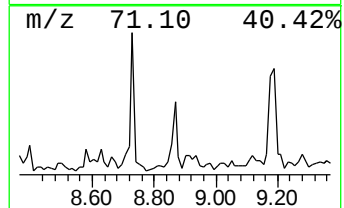
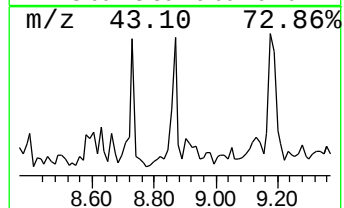
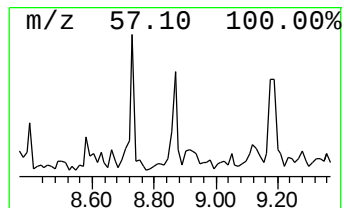
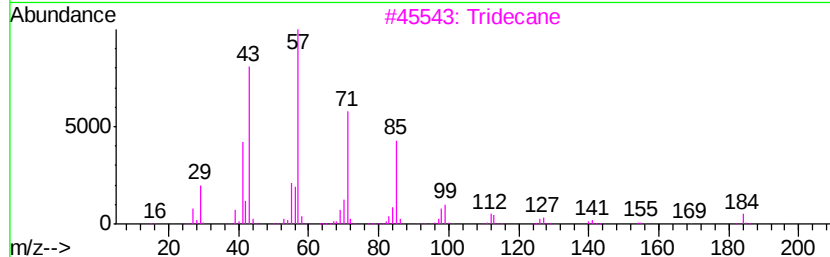
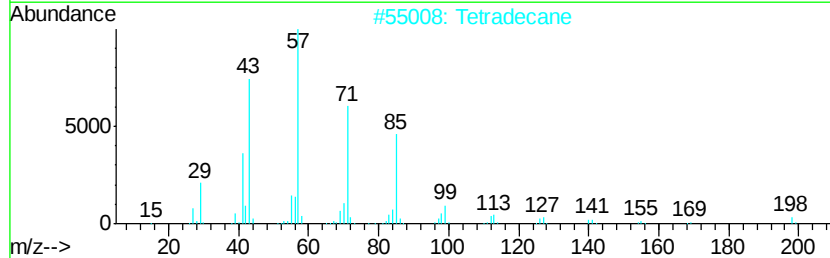
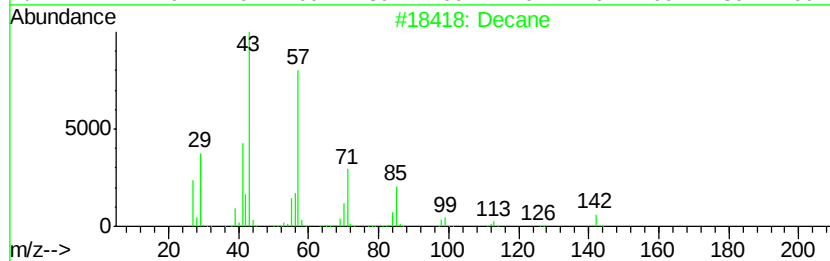
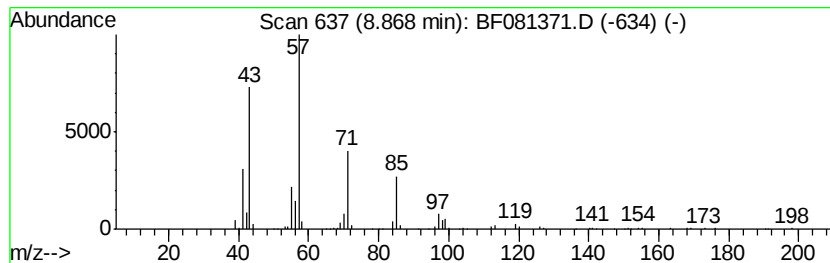
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	19.17 ng	511186	Acenaphthene-d10	9.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	87
2	Tetradecane		198	C14H30	000629-59-4	86
3	Tridecane		184	C13H28	000629-50-5	80
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72
5	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

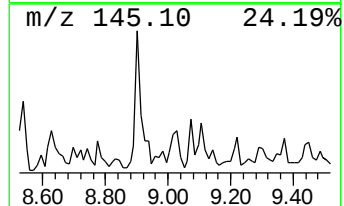
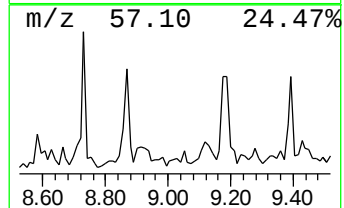
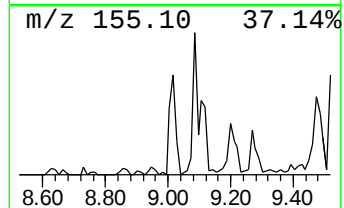
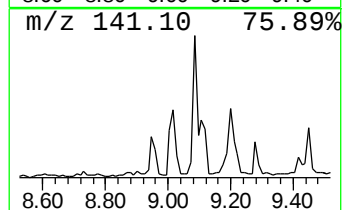
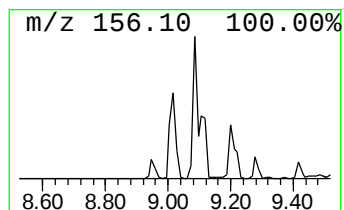
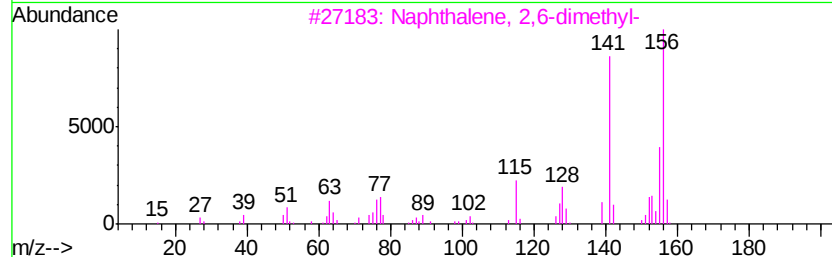
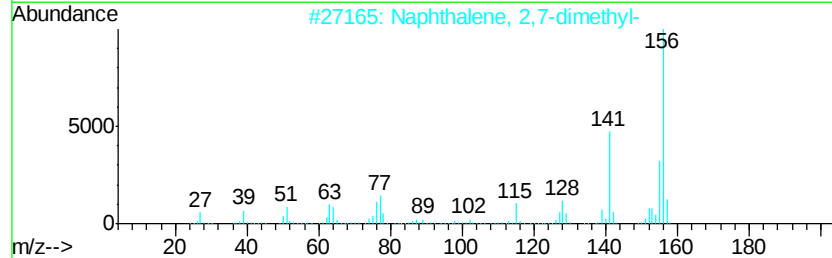
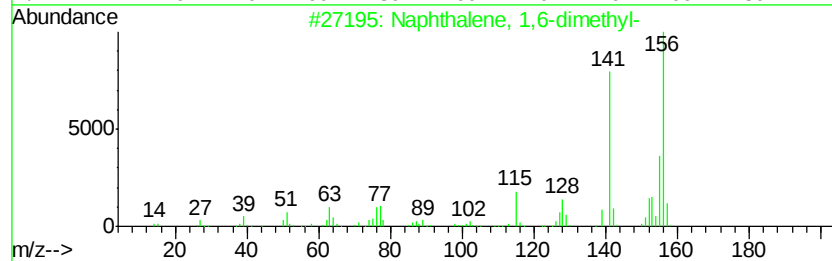
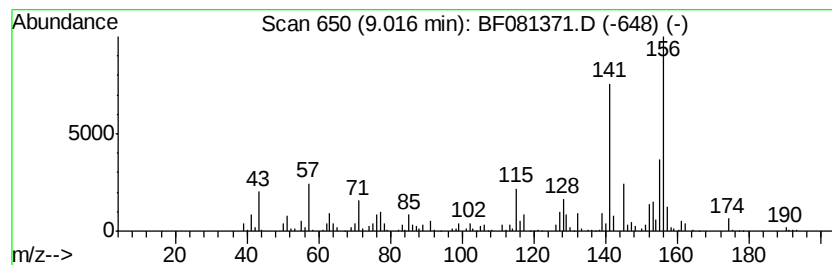
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ClientSampleId :
6TPA(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	13.91 ng	370967	Acenaphthene-d10	9.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
6TPA(3.5-4)

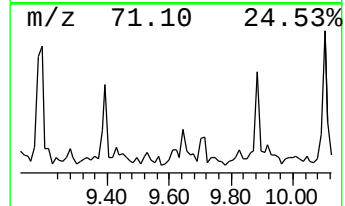
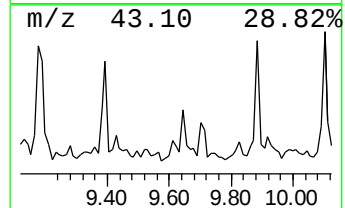
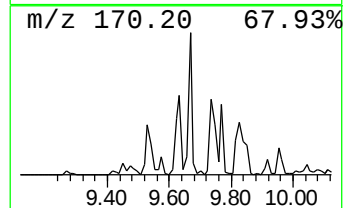
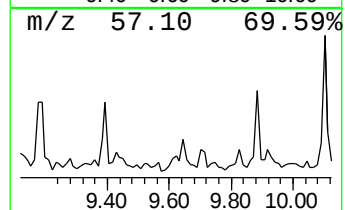
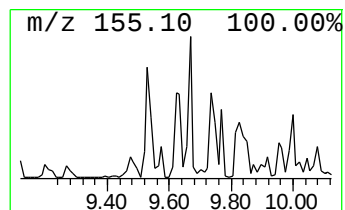
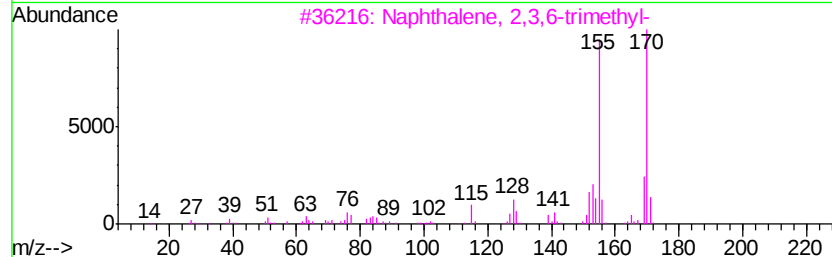
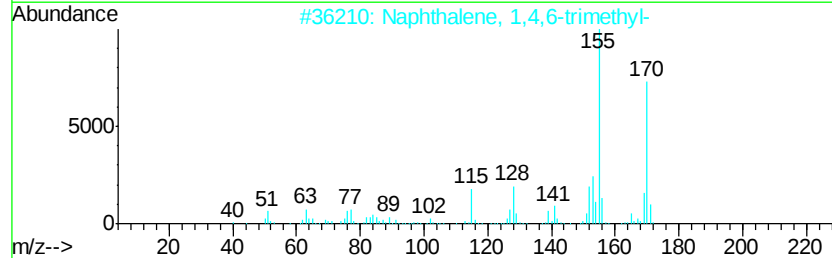
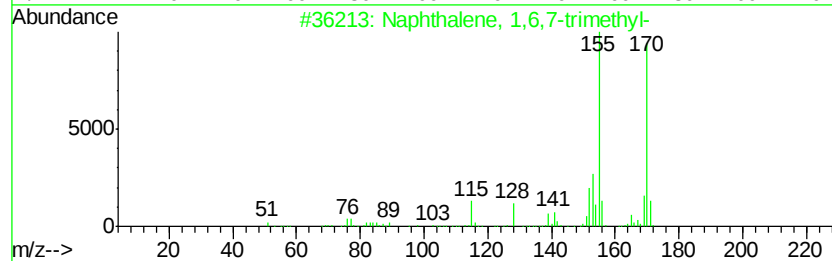
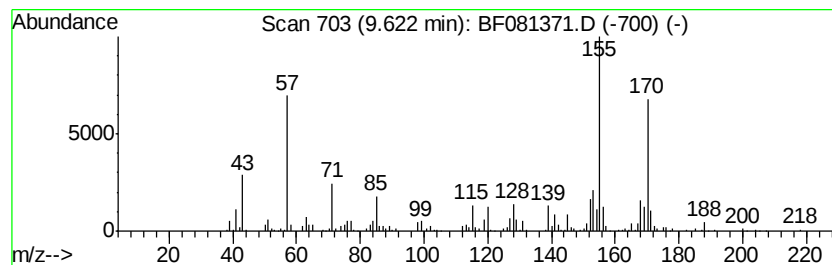
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	23.08 ng	615454	Acenaphthene-d10	9.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

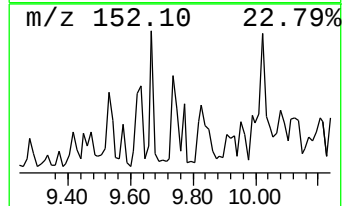
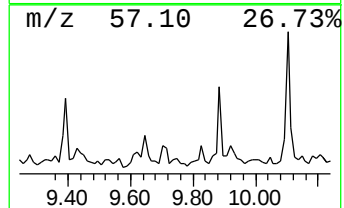
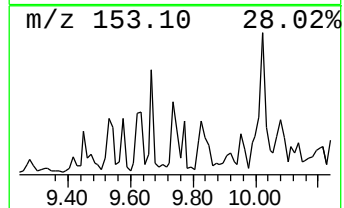
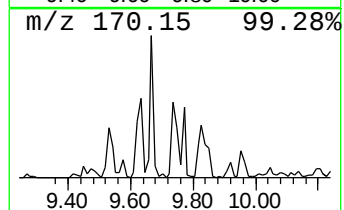
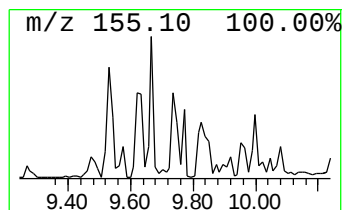
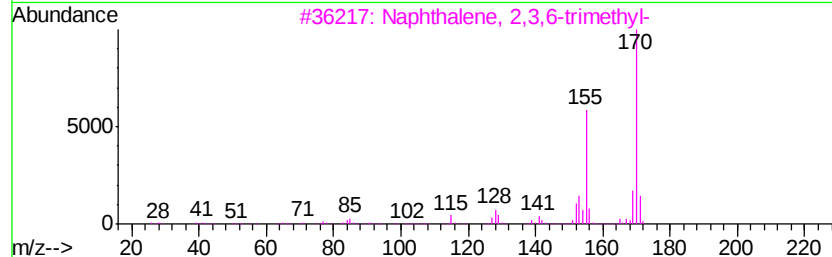
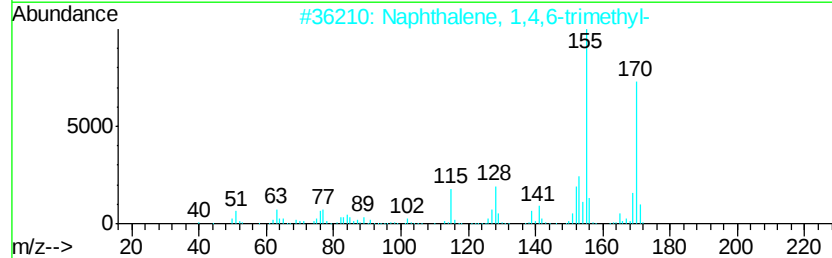
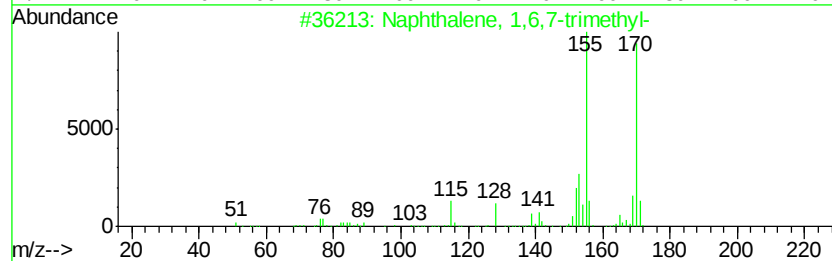
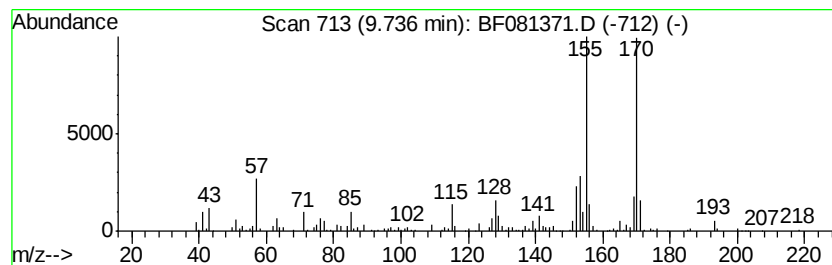
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	16.55 ng	441347	Acenaphthene-d10	9.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
6TPA(3.5-4)

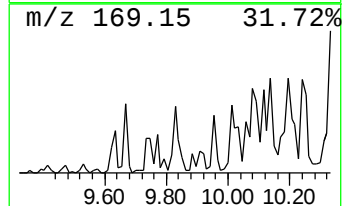
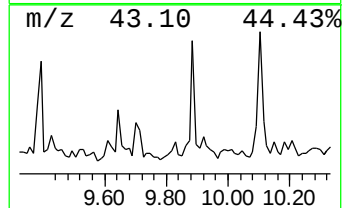
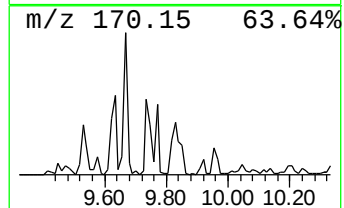
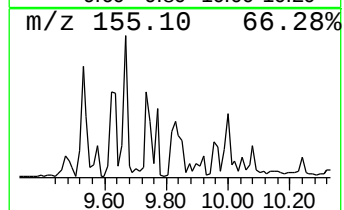
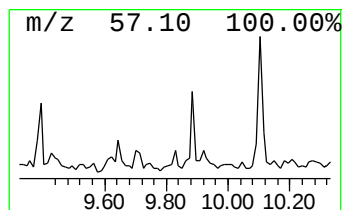
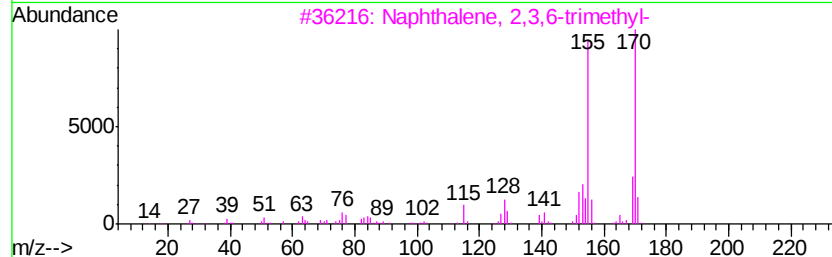
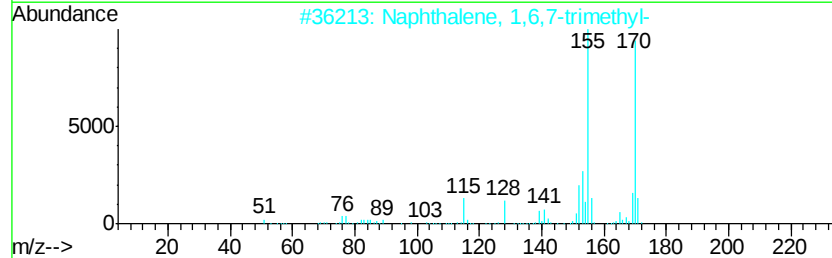
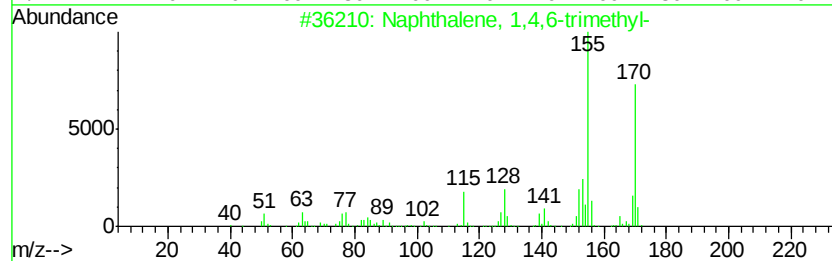
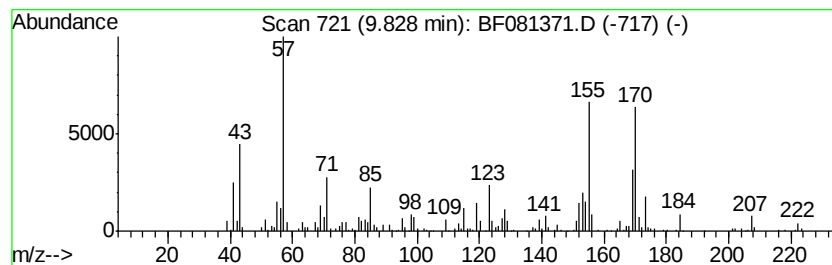
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	18.72 ng	499128	Acenaphthene-d10	9.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	78
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

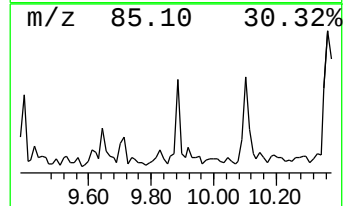
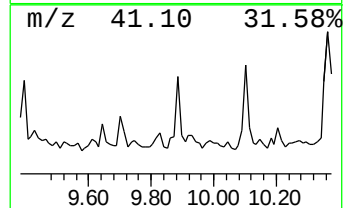
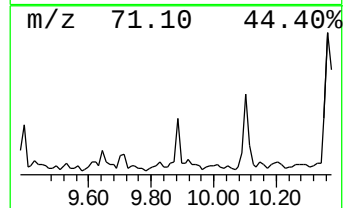
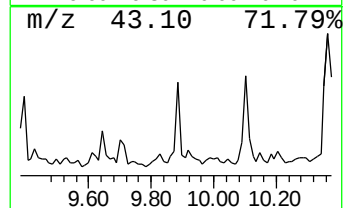
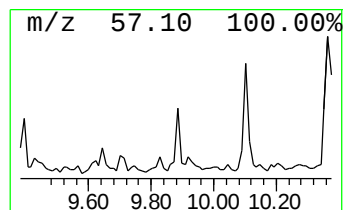
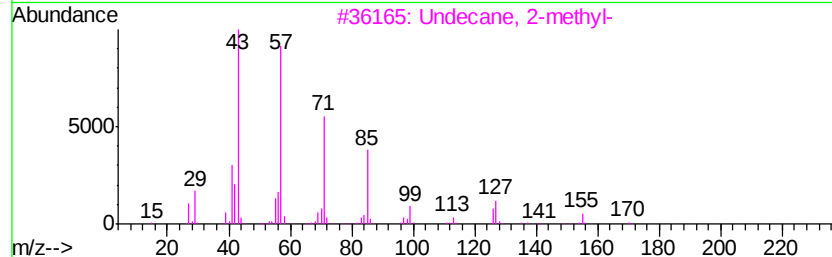
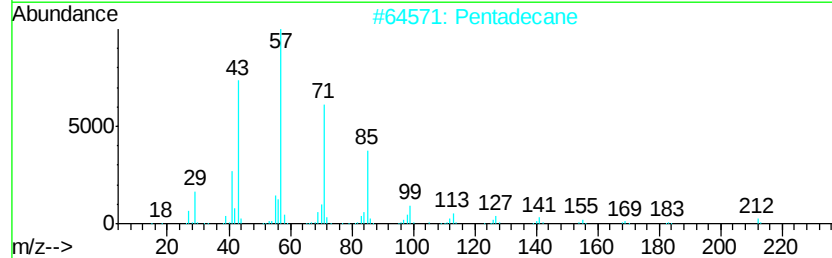
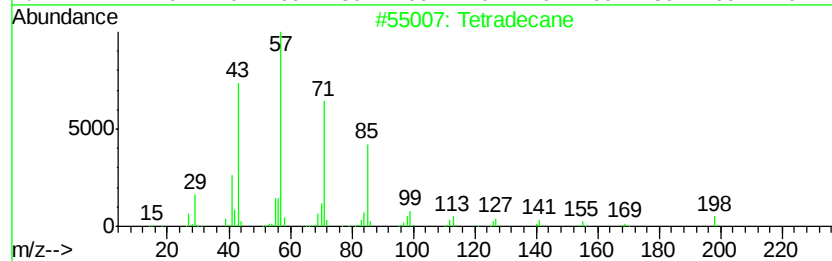
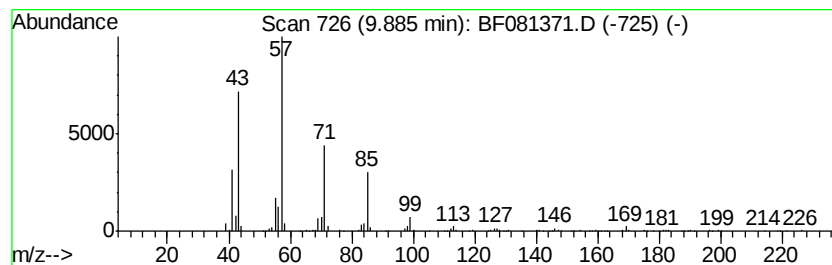
Instrument :
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ClientSampleId :
6TPA(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.88	13.64 ng	363670	Acenaphthene-d10		9.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Pentadecane	212	C15H32	000629-62-9	86
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
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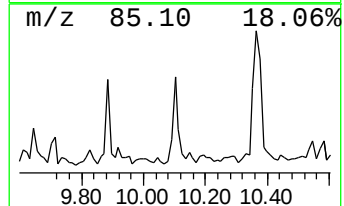
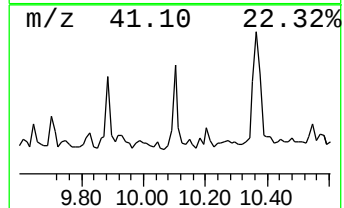
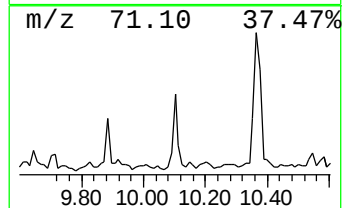
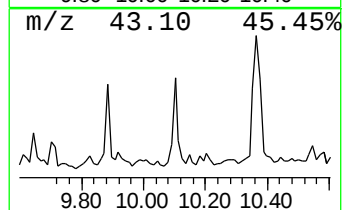
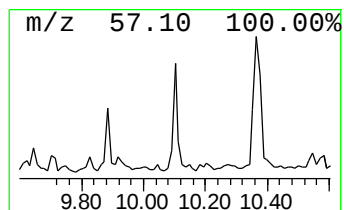
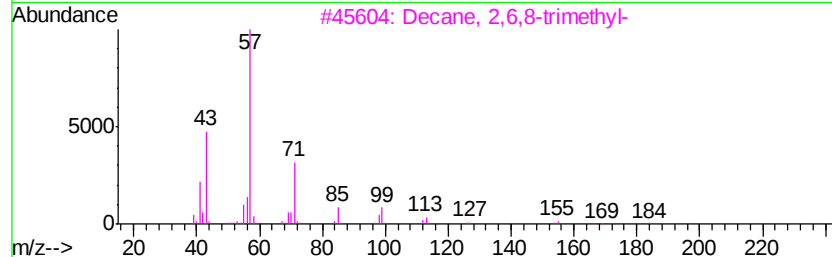
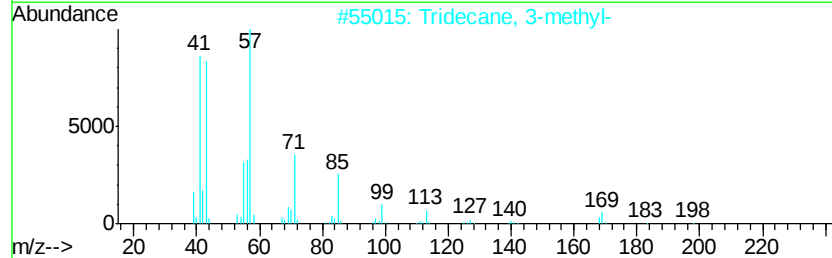
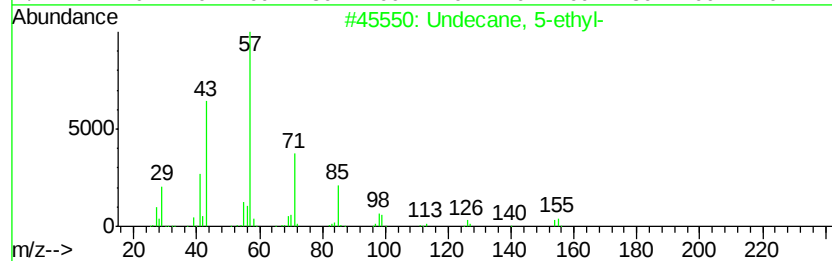
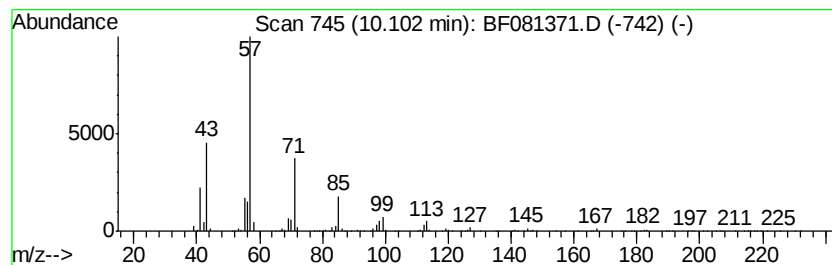
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ClientSampleId :
6TPA(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.10	39.76 ng	1060480	Acenaphthene-d10		9.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-		184	C13H28	017453-94-0	72
2	Tridecane, 3-methyl-		198	C14H30	006418-41-3	64
3	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	64
4	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
6TPA(3.5-4)

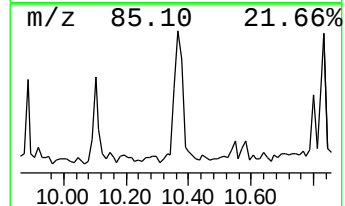
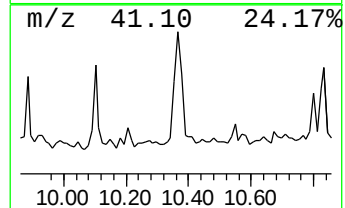
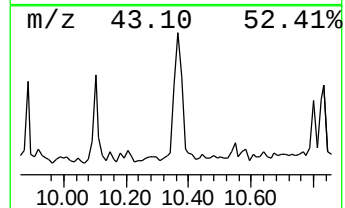
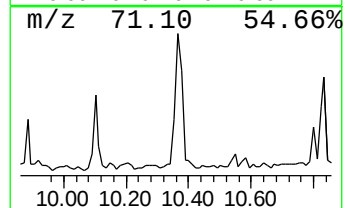
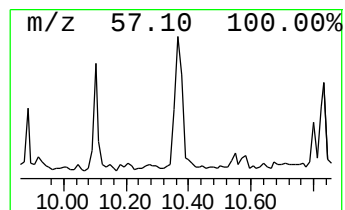
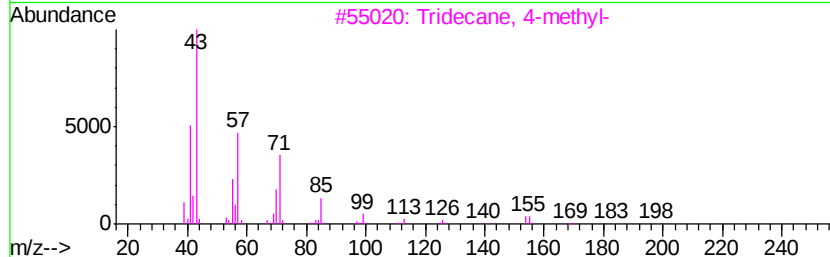
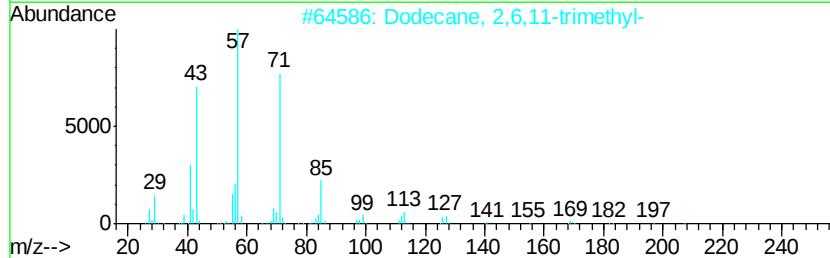
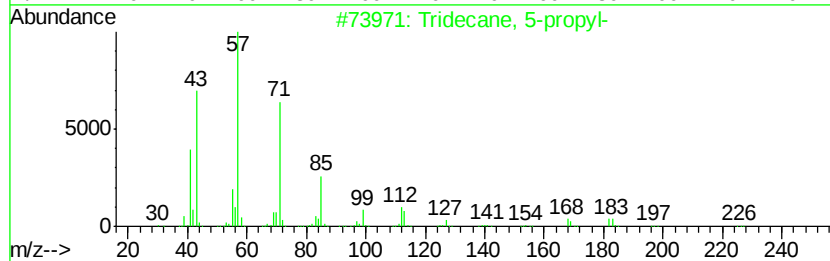
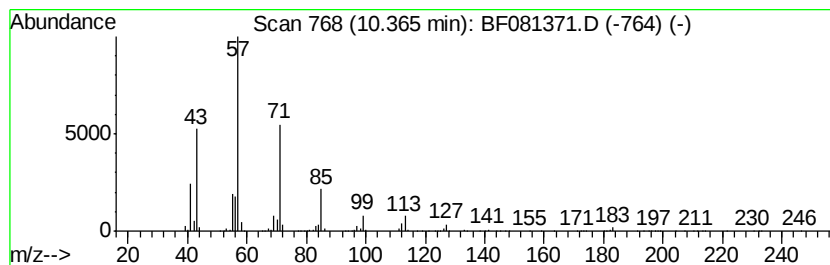
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	73.58 ng	1829380	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	78
4		Triacontane	422	C30H62	000638-68-6	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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Instrument :
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ClientSampleId :
6TPA(3.5-4)

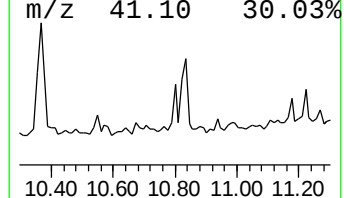
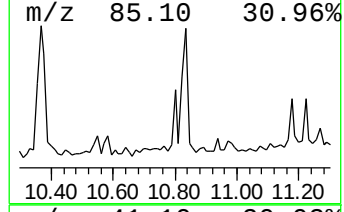
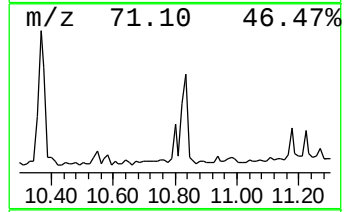
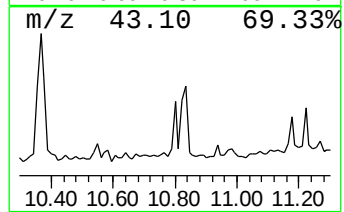
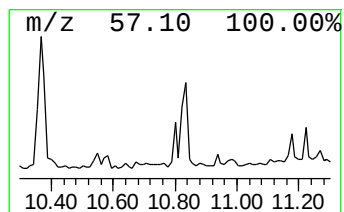
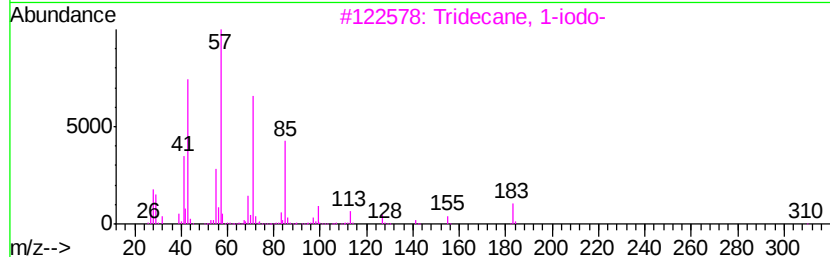
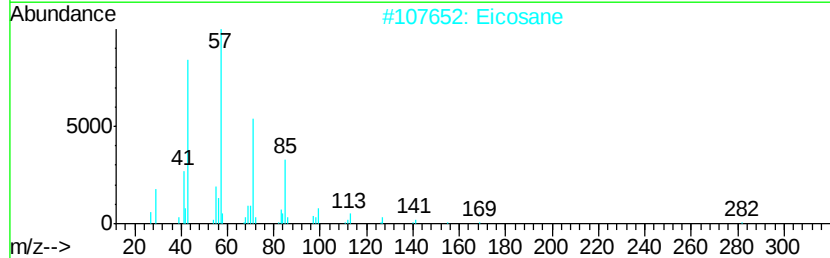
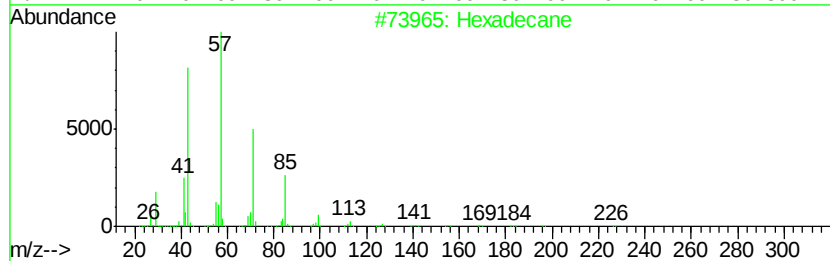
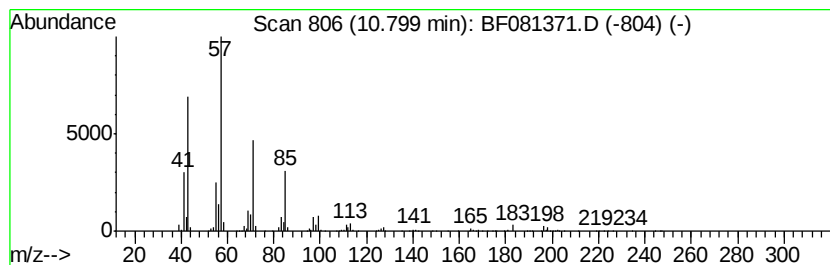
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	12.87 ng	320066	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Eicosane	282	C20H42	000112-95-8	87
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
6TPA(3.5-4)

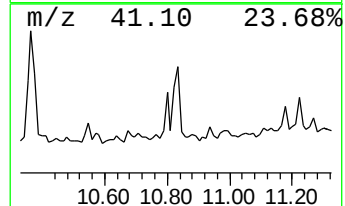
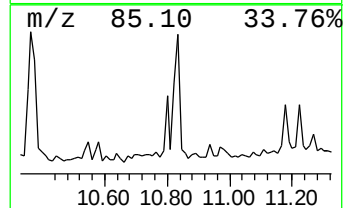
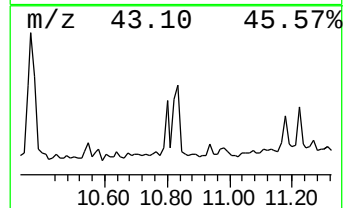
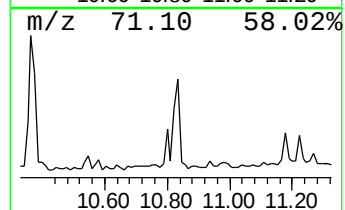
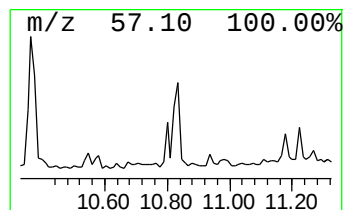
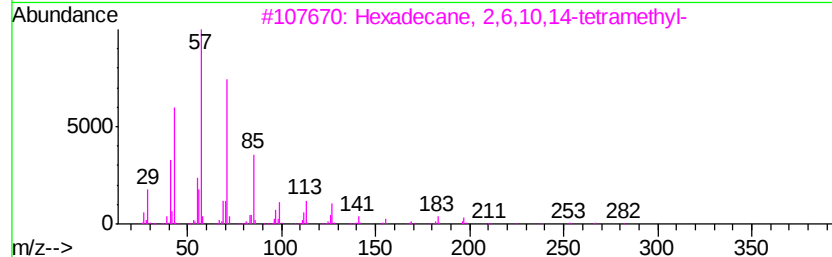
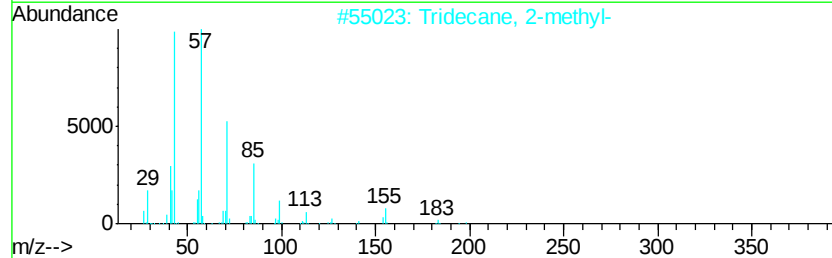
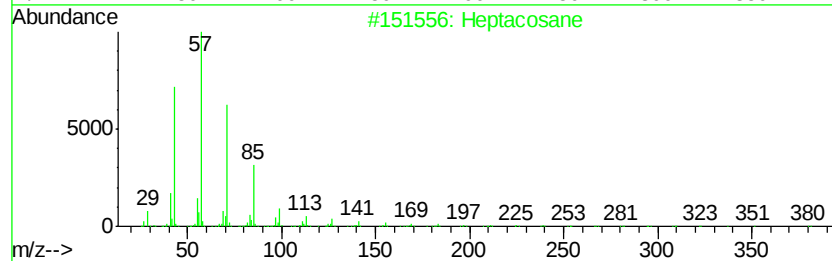
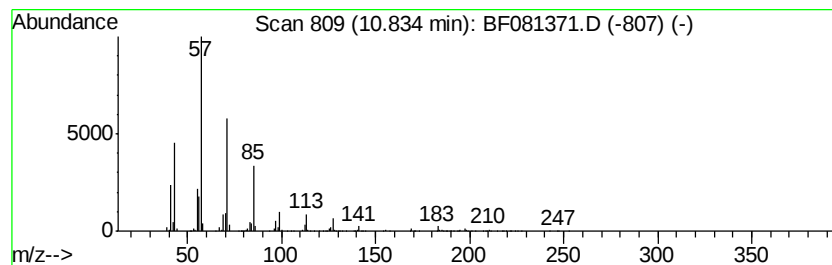
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	36.40 ng	905077	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
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Instrument :
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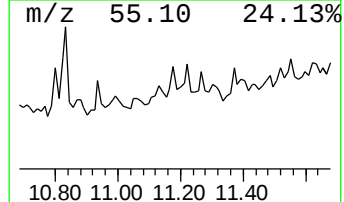
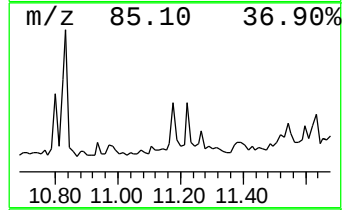
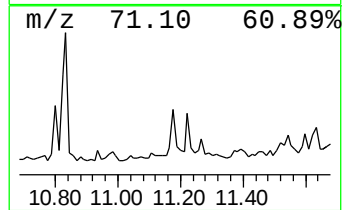
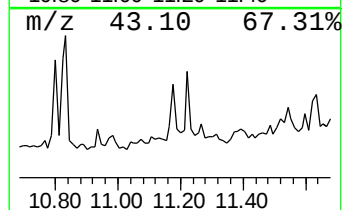
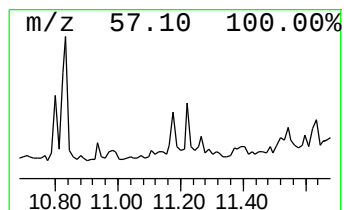
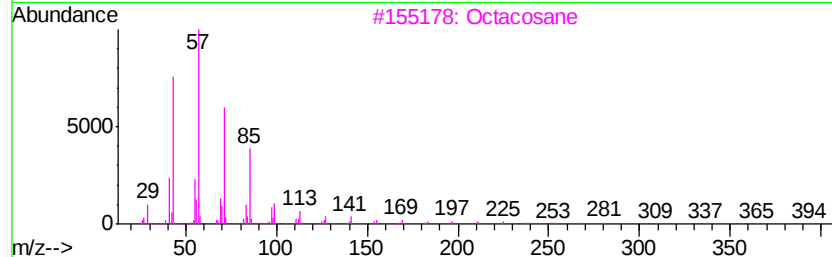
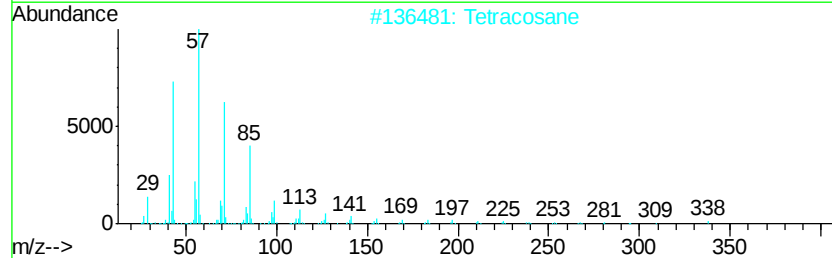
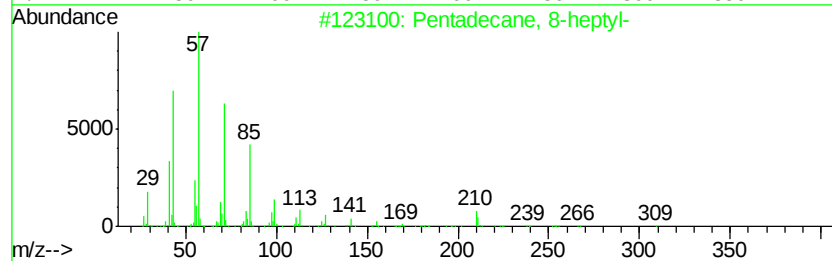
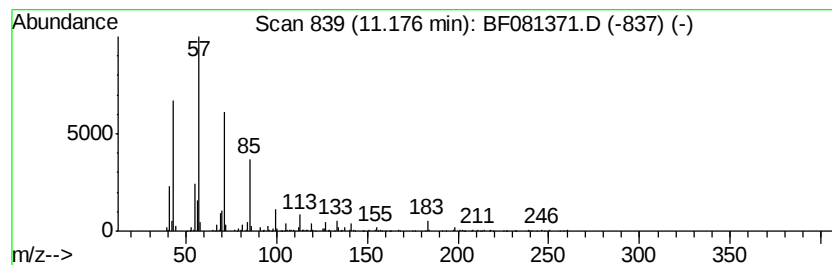
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane, 8-heptyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	12.04 ng	299402	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Octacosane	394	C28H58	000630-02-4	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
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ClientSampleId :
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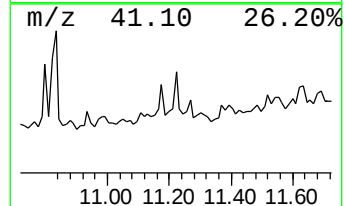
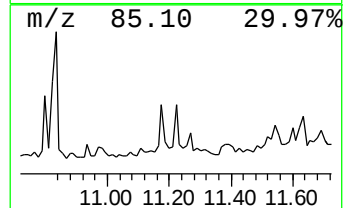
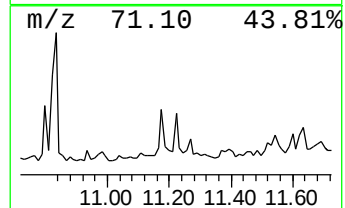
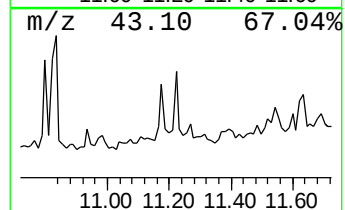
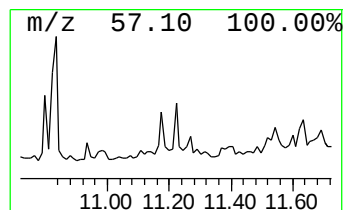
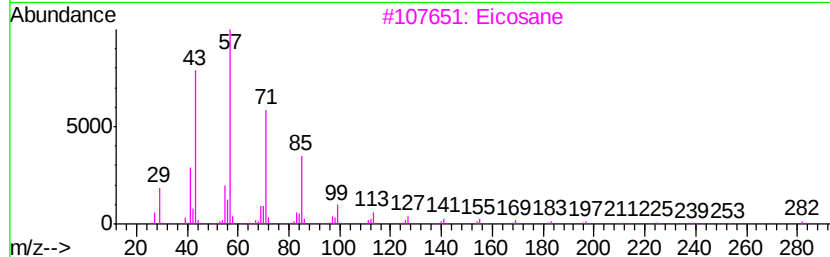
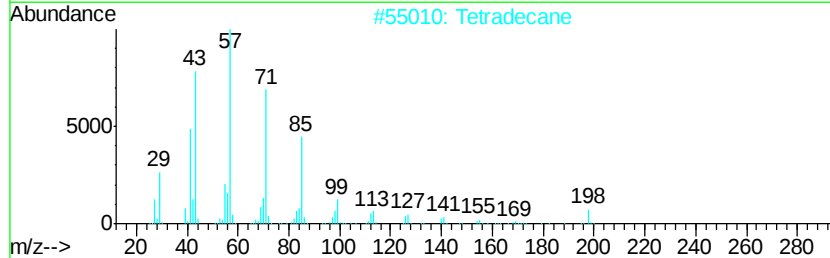
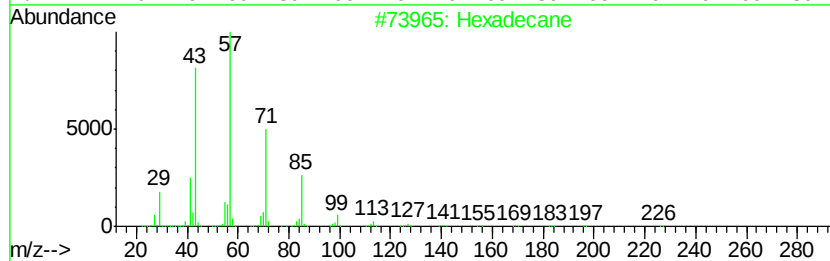
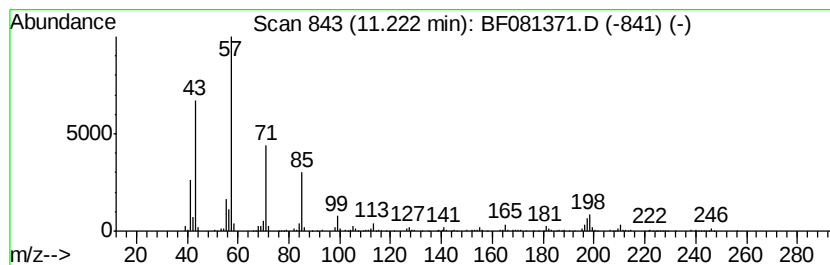
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	16.02 ng	398390	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	74
3		Eicosane	282	C20H42	000112-95-8	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Tetratriacontane	479	C34H70	014167-59-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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ClientSampleId :
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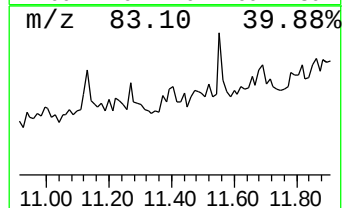
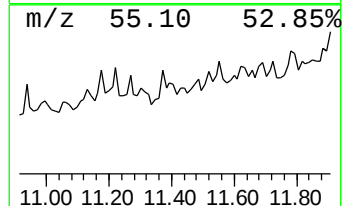
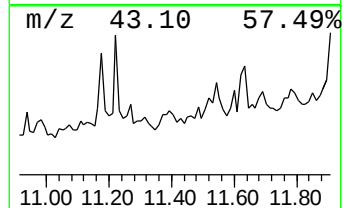
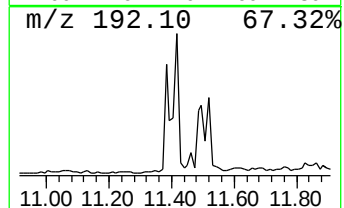
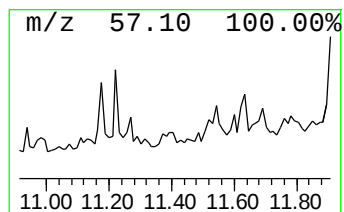
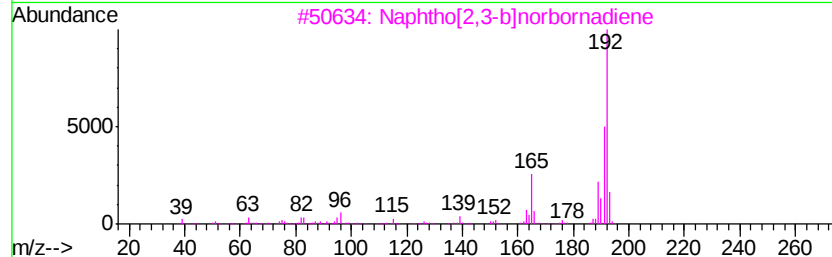
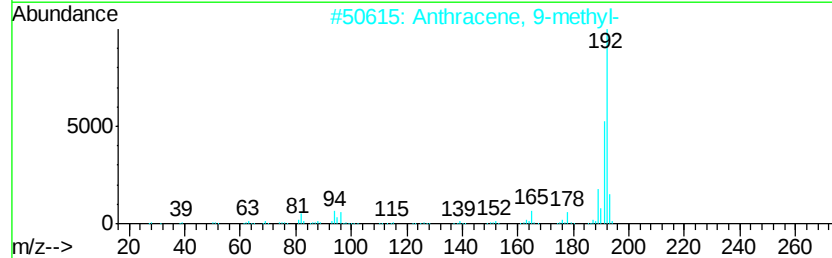
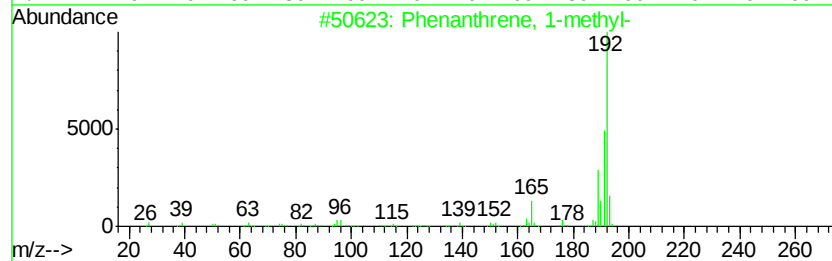
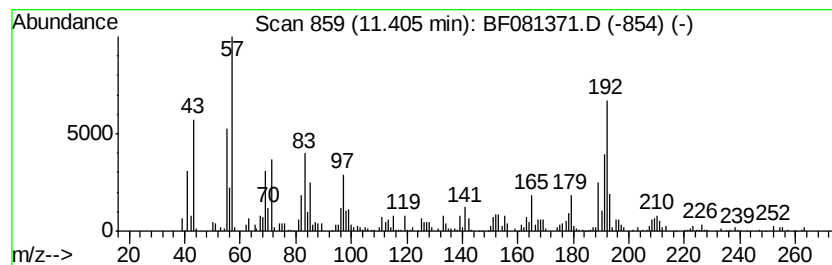
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	24.76 ng	615675	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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Sample : G3490-02 5X
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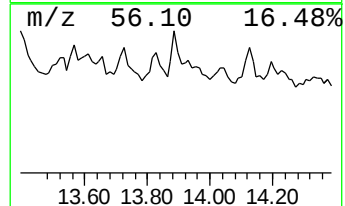
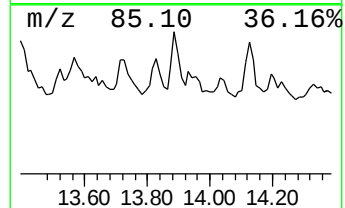
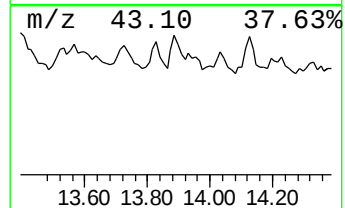
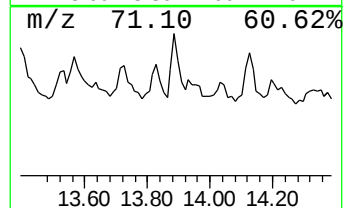
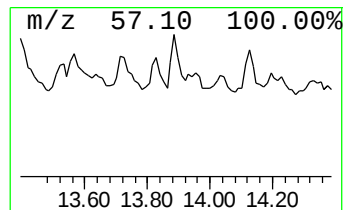
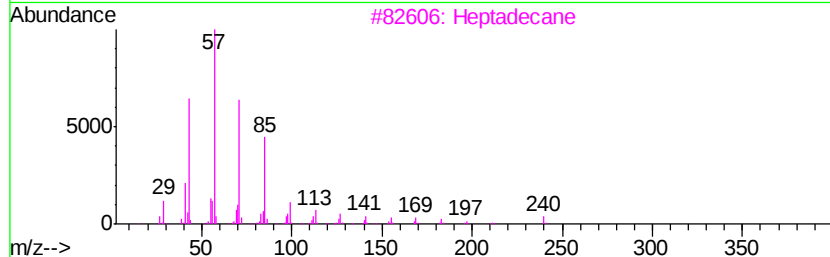
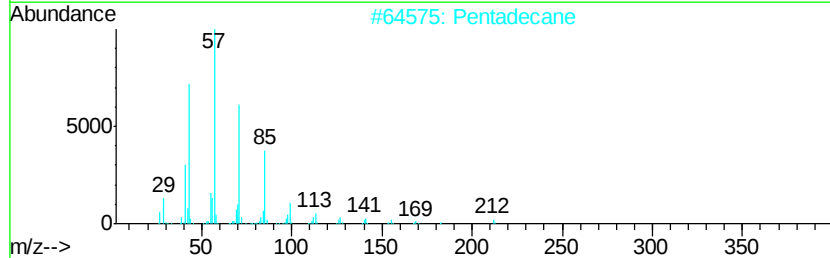
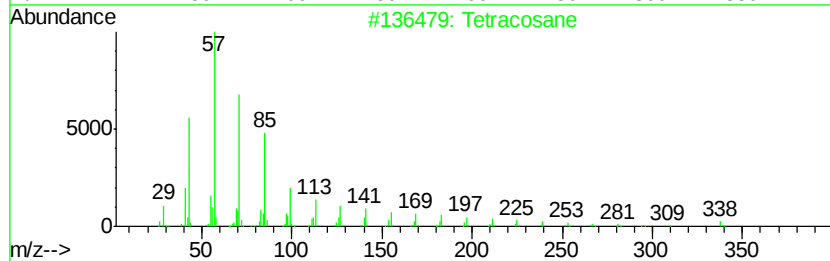
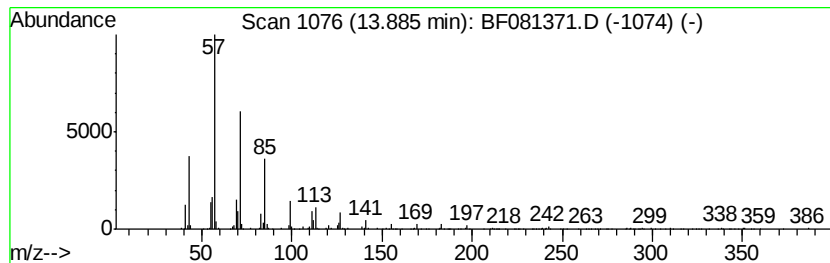
Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	17.50 ng	532256	Chrysene-d12	13.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 90
2		Pentadecane	212 C15H32	000629-62-9 90
3		Heptadecane	240 C17H36	000629-78-7 90
4		Eicosane, 2-methyl-	296 C21H44	001560-84-5 86
5		Heptacosane	380 C27H56	000593-49-7 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081371.D
Acq On : 3 Sep 2015 2:56
Operator : UM/IZ
Sample : G3490-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6TPA(3.5-4)

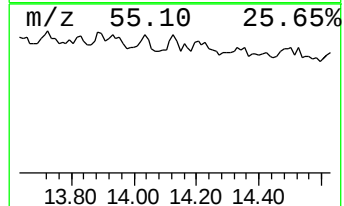
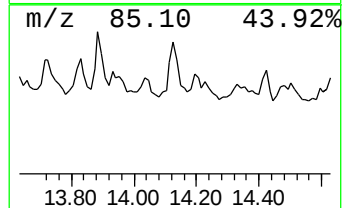
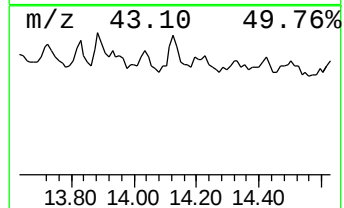
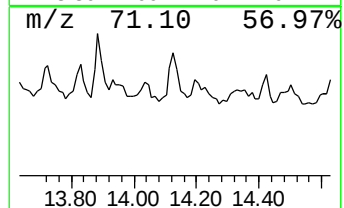
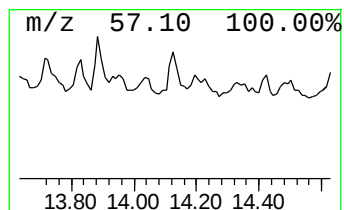
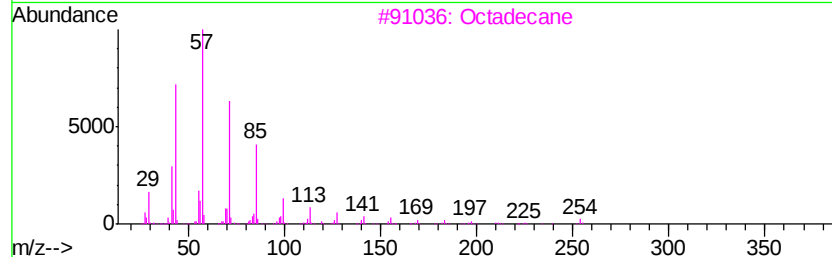
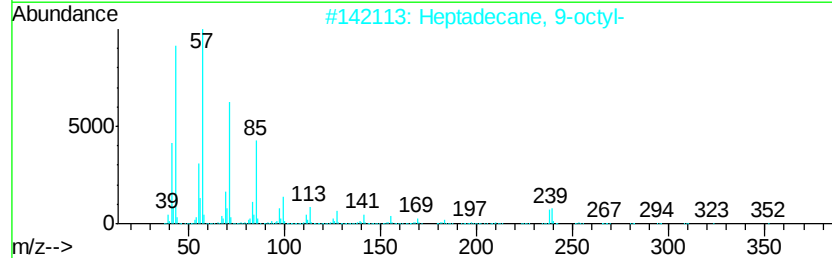
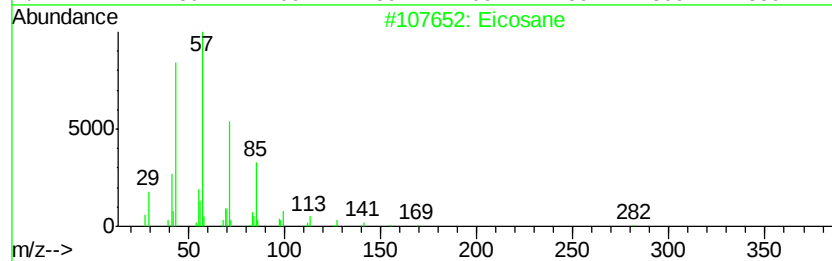
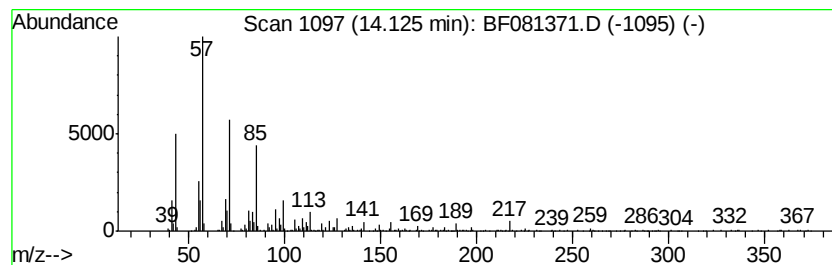
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	13.73 ng	417585	Chrysene-d12	13.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Octadecane	254	C18H38	000593-45-3	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081371.D
 Acq On : 3 Sep 2015 2:56
 Operator : UM/IZ
 Sample : G3490-02 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TPA(3.5-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.42	17.8	ng	365925	1	6.39	411574	20.0
Decane, 2,6,7-tri...	8.14	12.4	ng	826097	2	7.68	1336790	20.0
Cyclohexane, unde...	8.60	21.5	ng	573987	3	9.42	533379	20.0
Decane	8.87	19.2	ng	511186	3	9.42	533379	20.0
Naphthalene, 1,6-...	9.02	13.9	ng	370967	3	9.42	533379	20.0
Naphthalene, 1,6,...	9.62	23.1	ng	615454	3	9.42	533379	20.0
Naphthalene, 1,4,...	9.74	16.6	ng	441347	3	9.42	533379	20.0
Naphthalene, 2,3,...	9.83	18.7	ng	499128	3	9.42	533379	20.0
Tetradecane	9.88	13.6	ng	363670	3	9.42	533379	20.0
Undecane, 5-ethyl-	10.10	39.8	ng	1060480	3	9.42	533379	20.0
Tridecane, 5-propyl-	10.36	73.6	ng	1829380	4	10.89	497252	20.0
Hexadecane	10.80	12.9	ng	320066	4	10.89	497252	20.0
Heptacosane	10.83	36.4	ng	905077	4	10.89	497252	20.0
Pentadecane, 8-he...	11.18	12.0	ng	299402	4	10.89	497252	20.0
Eicosane	11.22	16.0	ng	398390	4	10.89	497252	20.0
Phenanthrene, 1-m...	11.41	24.8	ng	615675	4	10.89	497252	20.0
Pentadecane	13.89	17.5	ng	532256	5	13.51	608316	20.0
Heptadecane, 9-oc...	14.13	13.7	ng	417585	5	13.51	608316	20.0