

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081119.D
 Acq On : 20 Aug 2015 10:51
 Operator : UM/IZ
 Sample : G3230-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3B

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	3.967	180	182	186	rBV	14111	24515	1.47%	0.085%
2	4.710	244	247	255	rVB	624869	1026168	61.63%	3.572%
3	5.156	284	286	289	rBV	1294114	1462468	87.84%	5.091%
4	6.230	377	380	383	rBV	1220051	1569372	94.26%	5.463%
5	6.356	388	391	393	rBV	1581515	1665000	100.00%	5.796%
6	6.584	409	411	413	rBV	480195	407930	24.50%	1.420%
7	6.619	413	414	416	rVB	32208	22712	1.36%	0.079%
8	6.744	422	425	427	rBV	1412973	1243439	74.68%	4.329%
9	6.859	429	435	439	rBV5	17380	52837	3.17%	0.184%
10	6.950	441	443	445	rBV3	18204	30900	1.86%	0.108%
11	7.122	455	458	459	rBV2	23853	41248	2.48%	0.144%
12	7.156	459	461	463	rVV	1064932	999520	60.03%	3.479%
13	7.213	463	466	467	rVV	41085	43263	2.60%	0.151%
14	7.247	467	469	471	rVB2	28579	30561	1.84%	0.106%
15	7.316	474	475	477	rVB	33066	41589	2.50%	0.145%
16	7.396	480	482	485	rVB	144588	143178	8.60%	0.498%
17	7.453	485	487	489	rBV2	18069	35119	2.11%	0.122%
18	7.510	489	492	494	rBV3	110795	140581	8.44%	0.489%
19	7.579	494	498	500	rBV	67744	122138	7.34%	0.425%
20	7.647	502	504	507	rVB	85115	90100	5.41%	0.314%
21	7.693	507	508	511	rBV2	54615	85059	5.11%	0.296%
22	7.773	511	515	518	rBV3	58120	137706	8.27%	0.479%
23	7.876	521	524	526	rVV	867317	877379	52.70%	3.054%
24	7.910	526	527	530	rVV2	31409	44853	2.69%	0.156%
25	7.956	530	531	534	rVV	443178	427777	25.69%	1.489%
26	8.002	534	535	537	rVB	69868	84877	5.10%	0.295%
27	8.047	537	539	541	rBV2	75040	116655	7.01%	0.406%
28	8.093	541	543	545	rVB2	83936	109636	6.58%	0.382%
29	8.127	545	546	547	rBV	23344	21109	1.27%	0.073%
30	8.173	547	550	551	rBV2	68900	121094	7.27%	0.422%
31	8.196	551	552	554	rVV	72323	106866	6.42%	0.372%
32	8.242	554	556	557	rVV	117398	118228	7.10%	0.412%
33	8.276	557	559	560	rVB	155918	154029	9.25%	0.536%
34	8.322	560	563	565	rBV	658939	745233	44.76%	2.594%

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35	8.379	567	568	569	rVB	81974	56234	3.38%	0.196%
36	8.424	569	572	573	rBV2	151269	153804	9.24%	0.535%
37	8.493	575	578	580	rBV	519851	668866	40.17%	2.328%
38	8.550	580	583	584	rVV3	99298	183444	11.02%	0.639%
39	8.585	584	586	588	rVB	241601	253119	15.20%	0.881%
40	8.619	588	589	591	rBV2	62405	97924	5.88%	0.341%
41	8.767	599	602	603	rBV2	129207	176805	10.62%	0.615%
42	8.847	608	609	612	rVV2	114449	180181	10.82%	0.627%
43	8.893	612	613	614	rVV	120575	136709	8.21%	0.476%
44	8.916	614	615	616	rVV	635883	457677	27.49%	1.593%
45	8.950	616	618	621	rVB	1236086	1570484	94.32%	5.467%
46	9.053	621	627	629	rBV	856924	1143605	68.68%	3.981%
47	9.099	629	631	632	rVB	45606	61650	3.70%	0.215%
48	9.327	650	651	652	rBV	168182	160018	9.61%	0.557%
49	9.373	652	655	658	rVB2	504775	927802	55.72%	3.230%
50	9.430	658	660	663	rBV2	61716	99525	5.98%	0.346%
51	9.487	663	665	668	rBV3	58174	158966	9.55%	0.553%
52	9.533	668	669	671	rVB2	195789	181060	10.87%	0.630%
53	9.579	671	673	674	rBV	703743	650462	39.07%	2.264%
54	9.625	674	677	679	rVV	452274	657489	39.49%	2.289%
55	9.670	679	681	684	rVB2	37082	62180	3.73%	0.216%
56	9.807	690	693	694	rBV3	68431	145415	8.73%	0.506%
57	9.899	699	701	702	rVB	189135	183464	11.02%	0.639%
58	9.933	702	704	708	rBV2	65184	125492	7.54%	0.437%
59	9.990	708	709	710	rBV	38679	31362	1.88%	0.109%
60	10.025	710	712	714	rBV	100973	80894	4.86%	0.282%
61	10.070	714	716	719	rBV	434838	410120	24.63%	1.428%
62	10.288	733	735	738	rBV	276475	349129	20.97%	1.215%
63	10.402	742	745	747	rVB	953589	898210	53.95%	3.127%
64	10.550	755	758	761	rVB	378265	673138	40.43%	2.343%
65	10.733	772	774	776	rBV2	55059	68701	4.13%	0.239%
66	10.985	794	796	797	rBV	212980	191441	11.50%	0.666%
67	11.019	797	799	802	rVB	272429	281337	16.90%	0.979%
68	11.088	803	805	810	rVB2	504903	622408	37.38%	2.167%
69	11.168	810	812	814	rBV	49904	51655	3.10%	0.180%
70	11.362	827	829	831	rBV	64753	65560	3.94%	0.228%
71	11.408	831	833	836	rVV	148997	166433	10.00%	0.579%

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72	11.648	852	854	855 rBV	138833	122962	7.39%	0.428%
73	11.705	857	859	865 rVB4	57148	122319	7.35%	0.426%
74	11.819	867	869	870 rBV	131376	121381	7.29%	0.423%
75	11.968	880	882	885 rBV2	66618	133091	7.99%	0.463%
76	12.093	891	893	896 rBV	106884	146651	8.81%	0.511%
77	12.208	901	903	904 rBV	89380	91835	5.52%	0.320%
78	12.288	908	910	913 rVV2	187344	236991	14.23%	0.825%
79	12.345	913	915	918 rBV	113521	185860	11.16%	0.647%
80	12.516	928	930	931 rBV	198816	186962	11.23%	0.651%
81	12.573	934	935	936 rBV	142507	126087	7.57%	0.439%
82	12.676	941	944	946 rBV	1294965	1324740	79.56%	4.612%
83	13.054	975	977	982 rBV	161427	260915	15.67%	0.908%
84	13.705	1032	1034	1040 rBV2	406714	940769	56.50%	3.275%

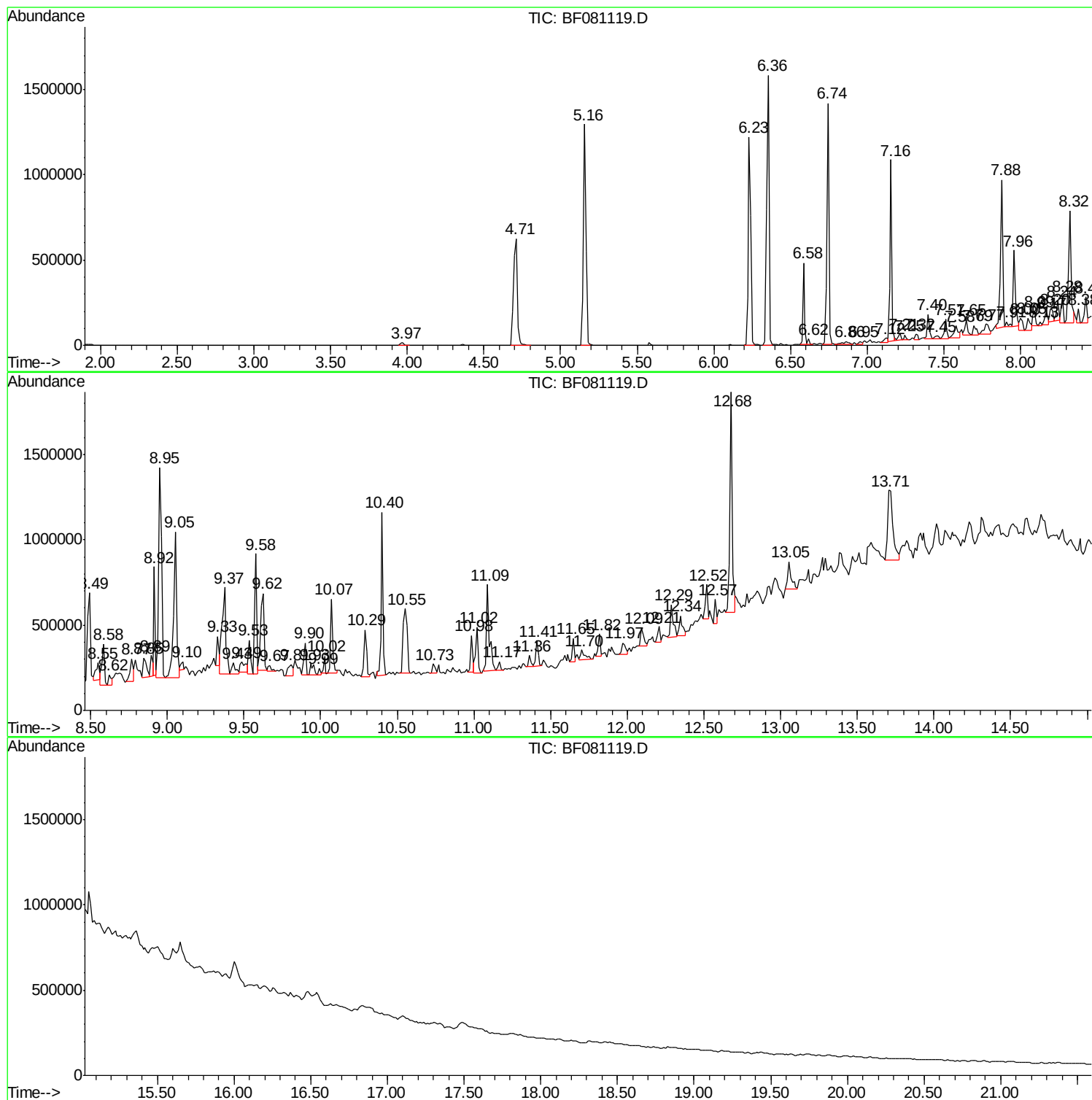
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : G3230-05
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ALS Vial : 35 Sample Multiplier: 1

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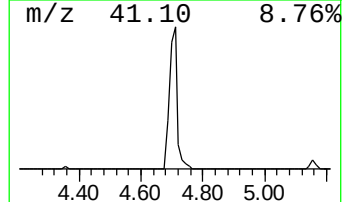
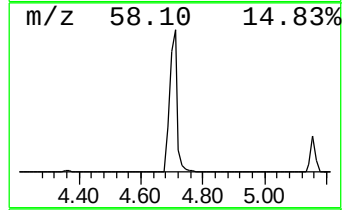
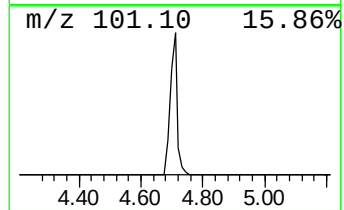
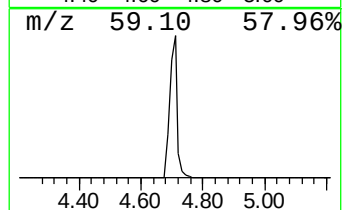
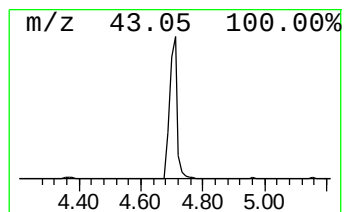
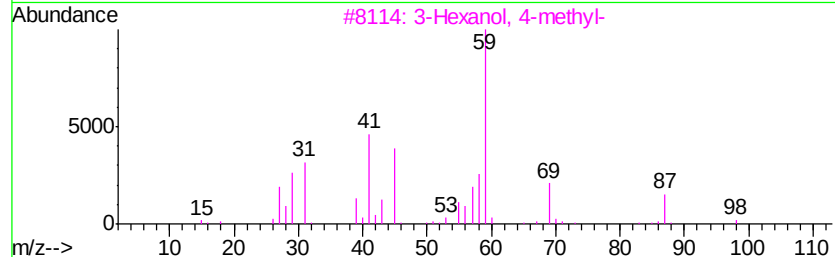
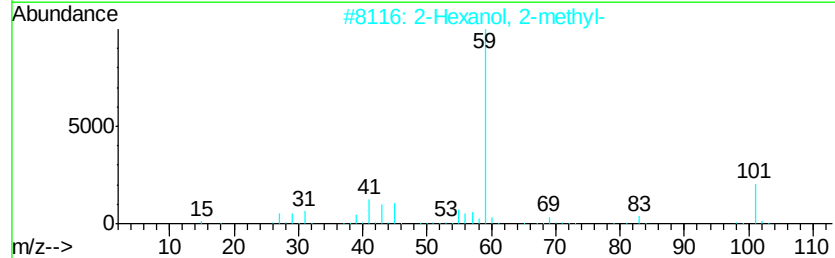
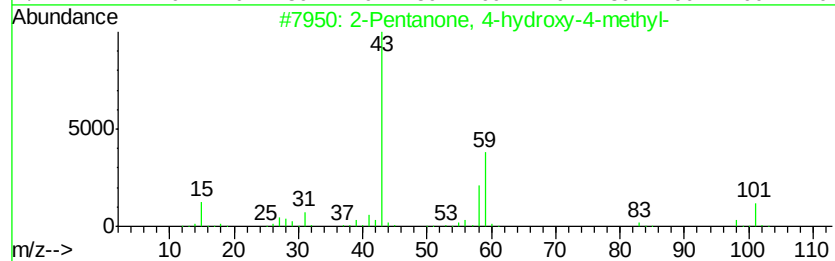
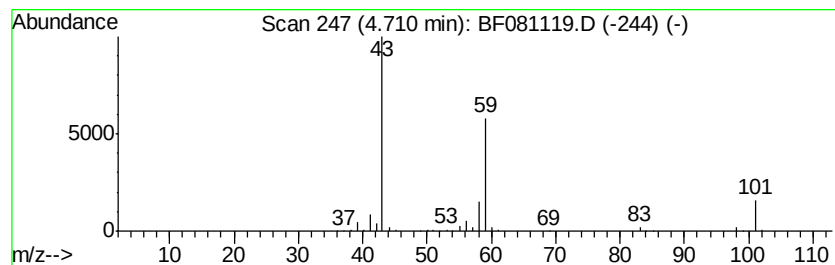
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	50.31 ng	1026170	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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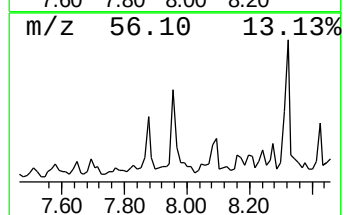
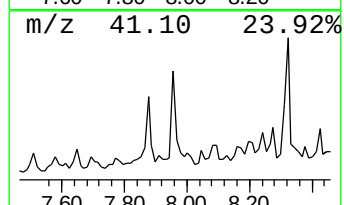
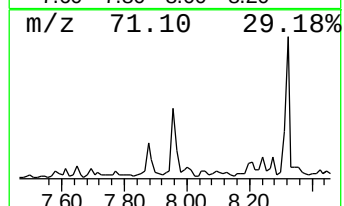
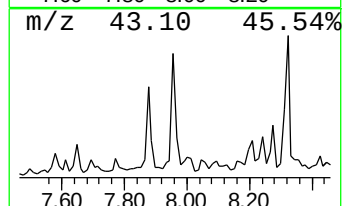
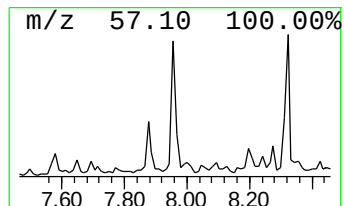
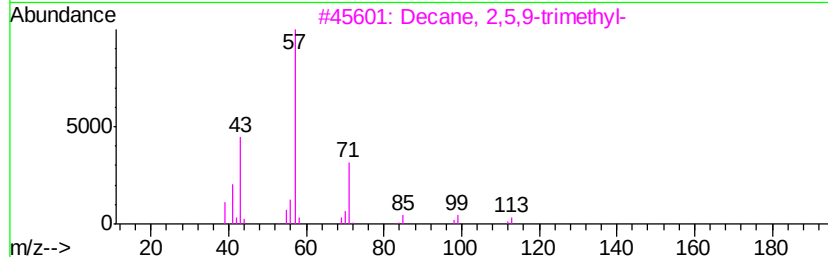
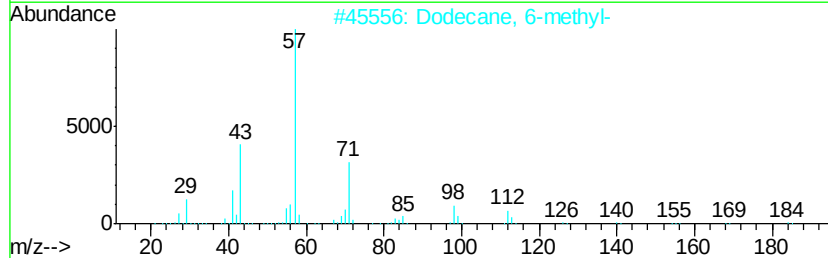
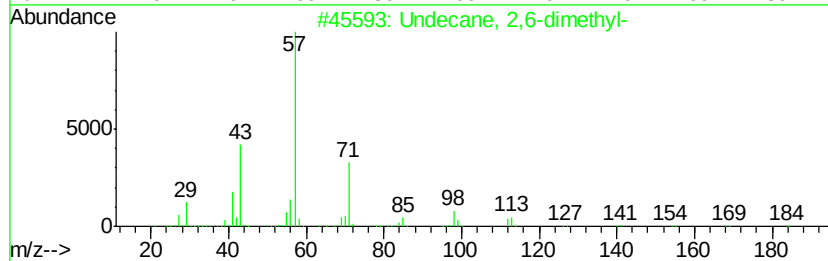
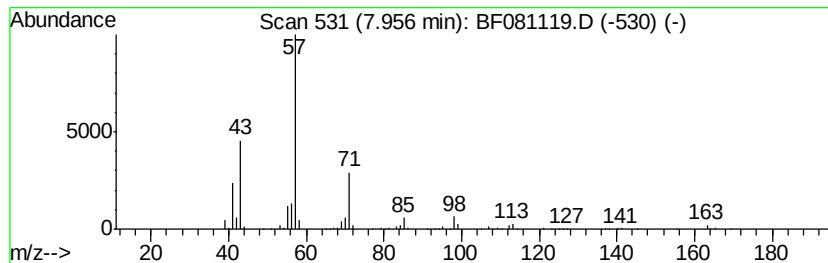
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	9.75 ng	427777	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59



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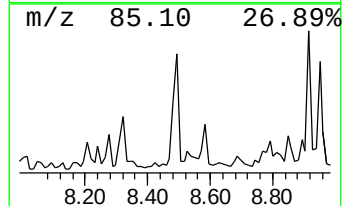
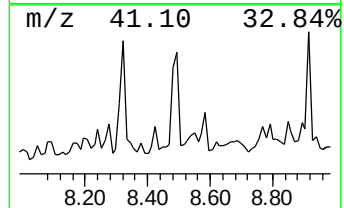
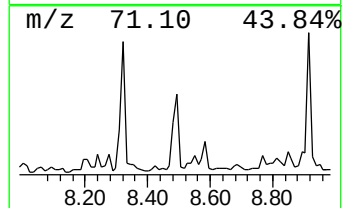
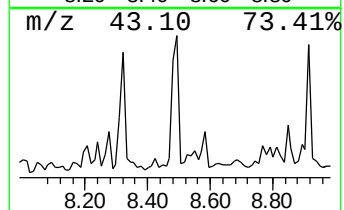
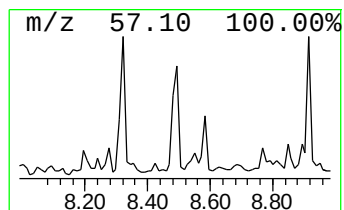
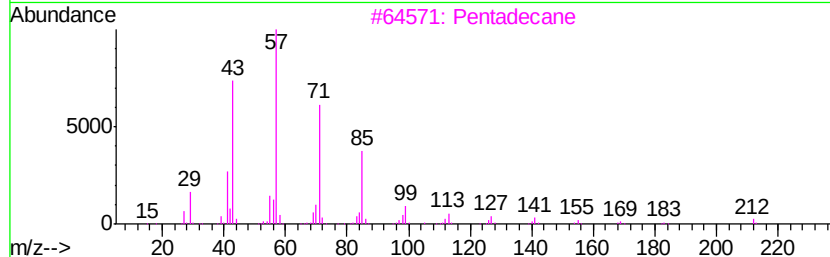
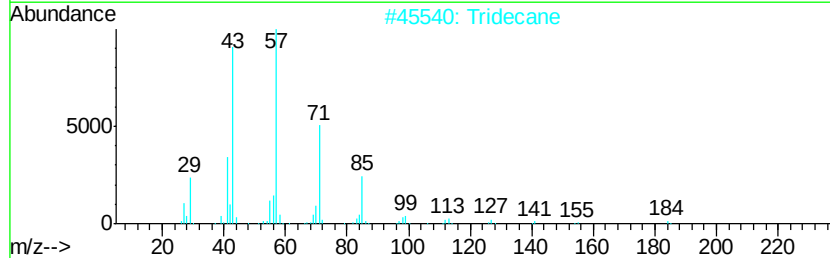
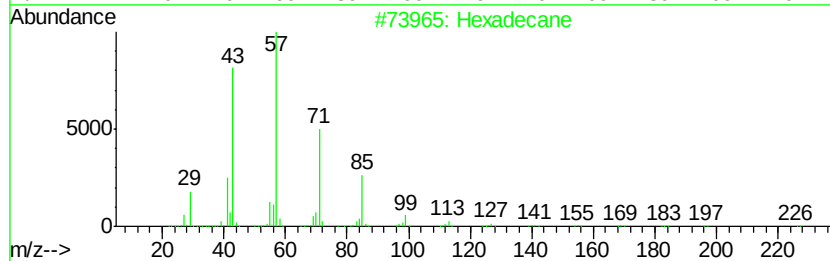
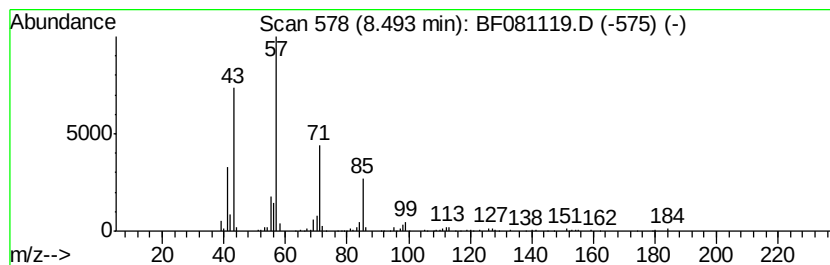
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	15.25 ng	668866	Napthalene-d8	7.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Pentadecane		212	C15H32	000629-62-9	83
4	Tetradecane		198	C14H30	000629-59-4	83
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72



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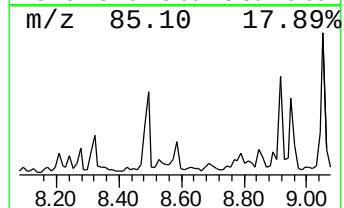
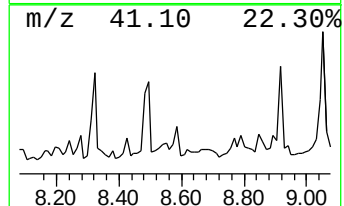
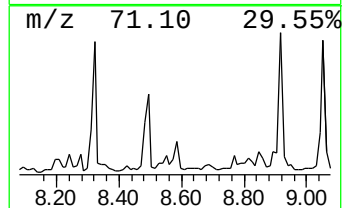
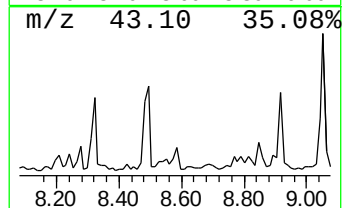
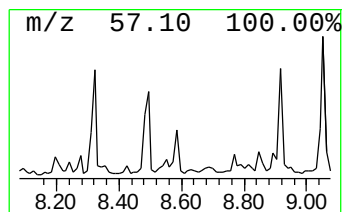
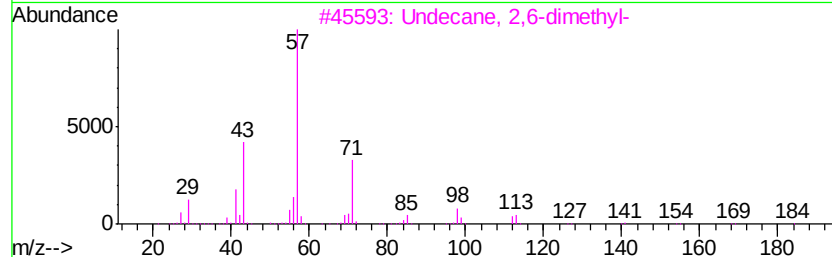
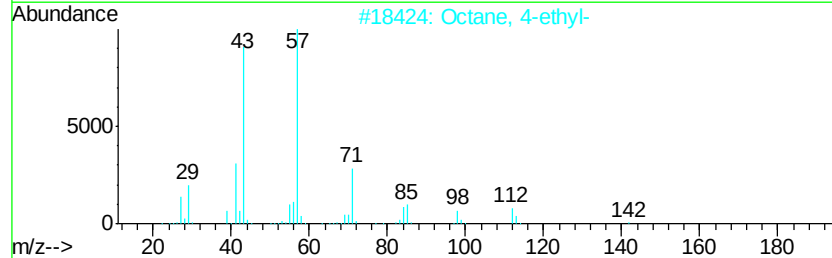
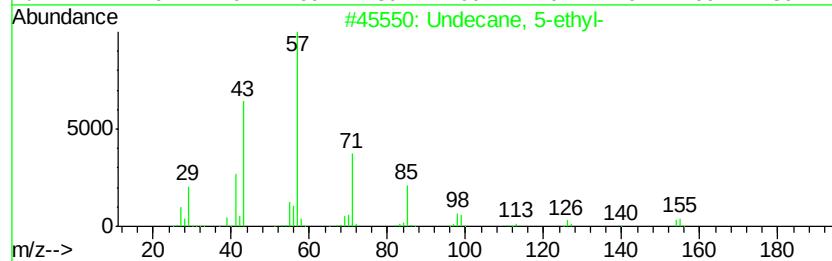
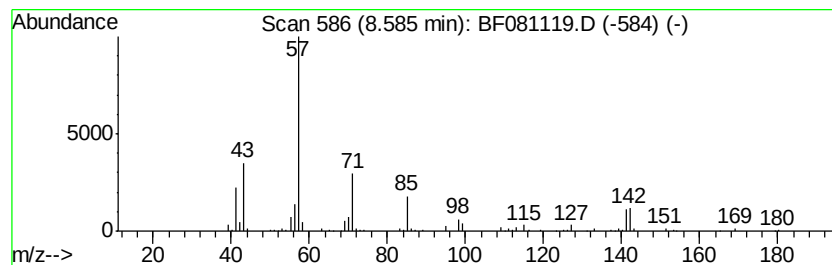
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	5.77 ng	253119	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	50
5		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081119.D
Acq On : 20 Aug 2015 10:51
Operator : UM/IZ
Sample : G3230-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

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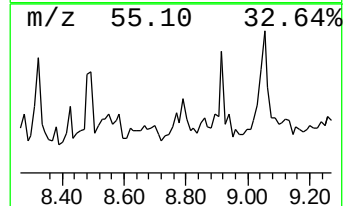
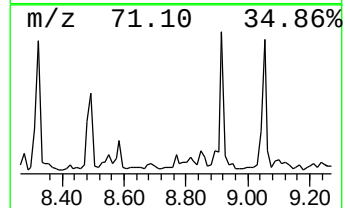
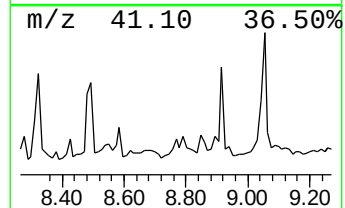
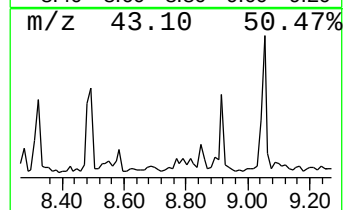
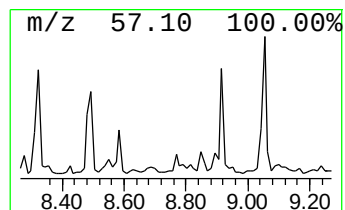
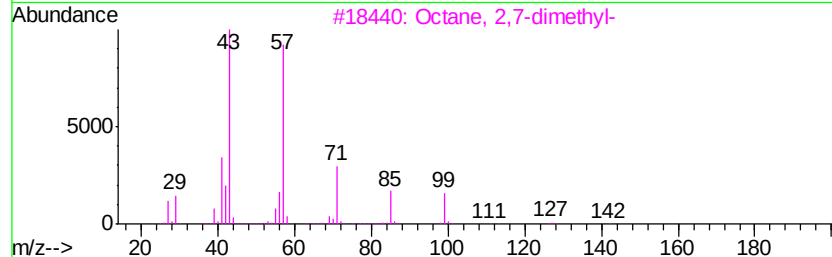
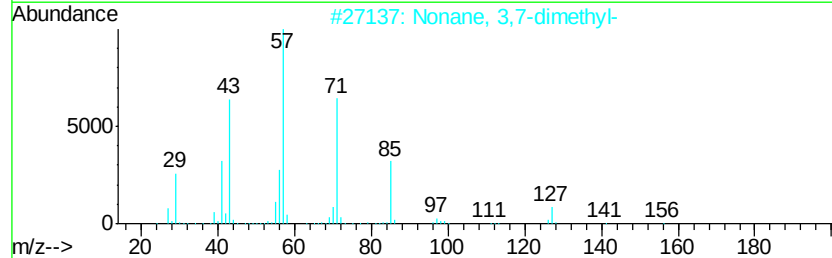
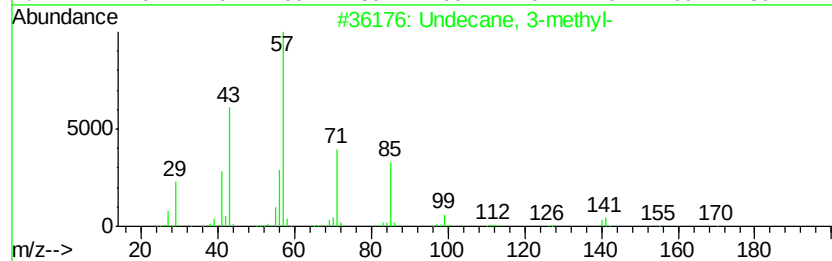
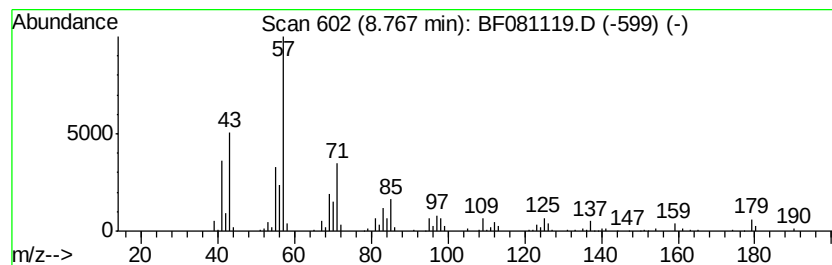
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	5.38 ng	176805	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
4		Undecane	156	C11H24	001120-21-4	47
5		Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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Acq On : 20 Aug 2015 10:51
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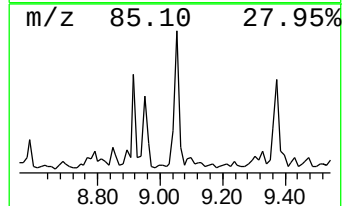
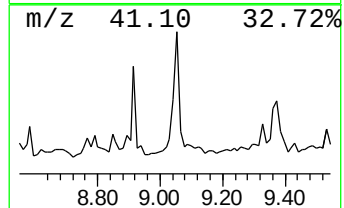
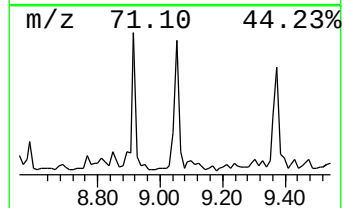
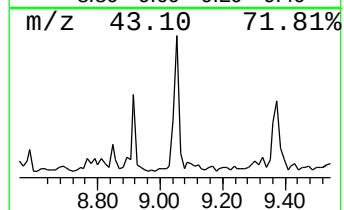
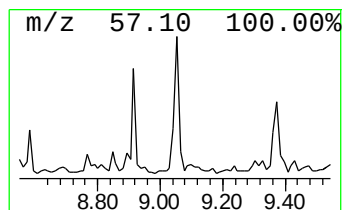
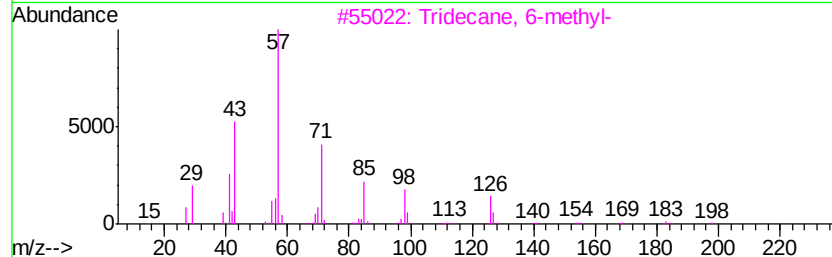
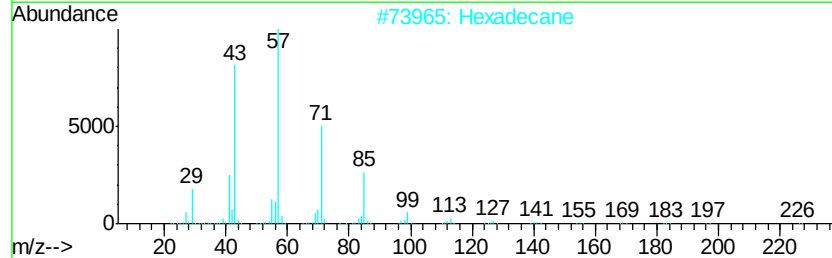
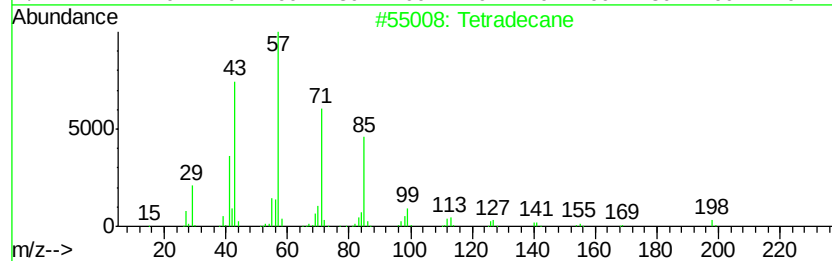
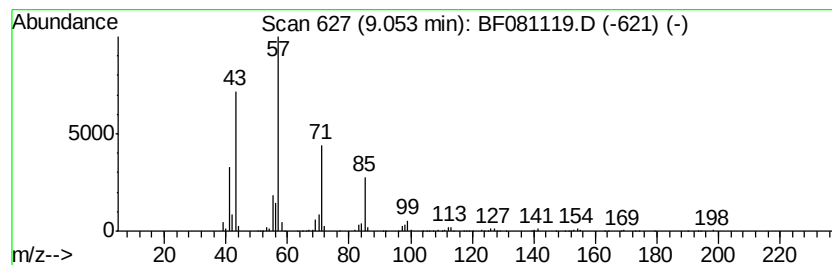
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	34.79 ng	1143610	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Tridecane	184	C13H28	000629-50-5	83
5		Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081119.D
Acq On : 20 Aug 2015 10:51
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Sample : G3230-05
Misc :
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ClientSampleId :
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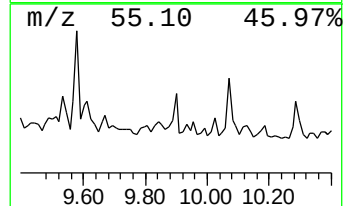
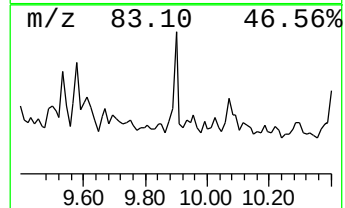
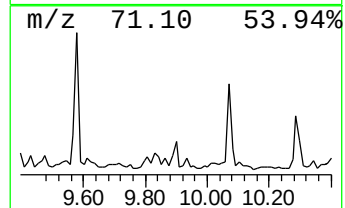
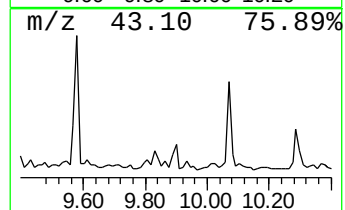
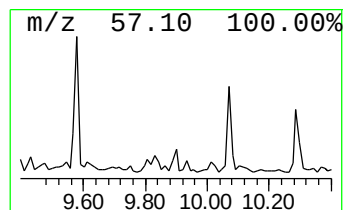
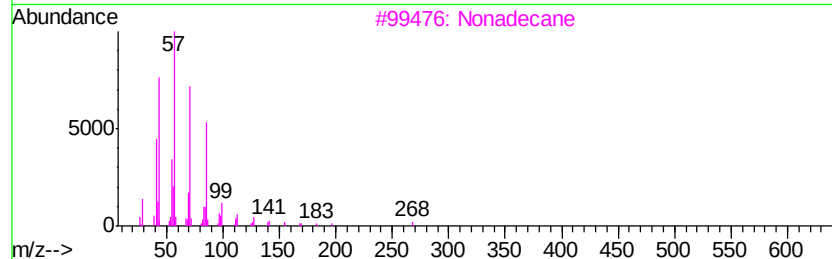
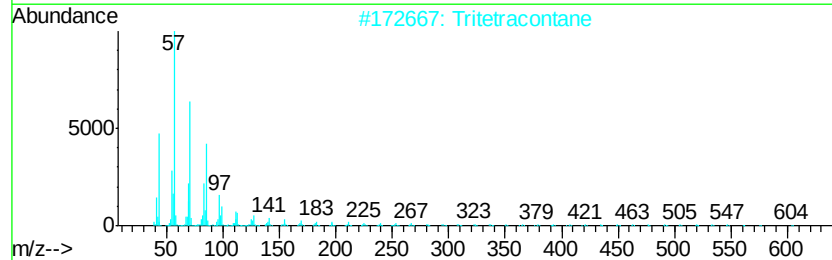
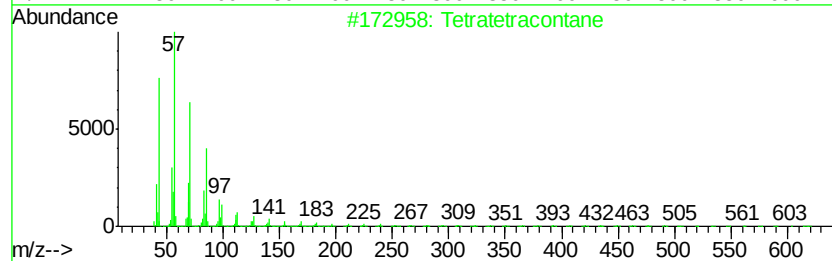
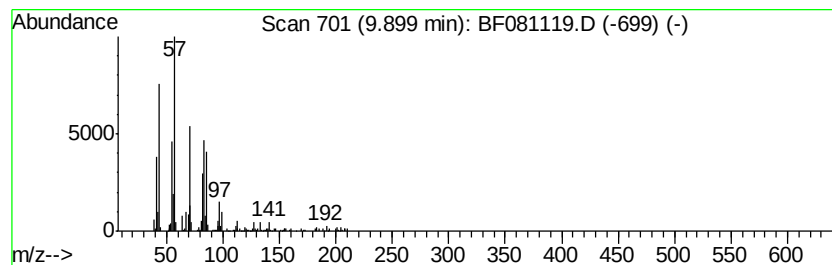
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.58 ng	183464	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	58
2			Tritetracontane	605	C43H88	007098-21-7	58
3			Nonadecane	268	C19H40	000629-92-5	52
4			Eicosane	282	C20H42	000112-95-8	49
5			Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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Sample : G3230-05
Misc :
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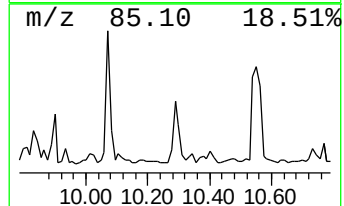
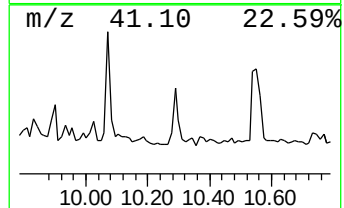
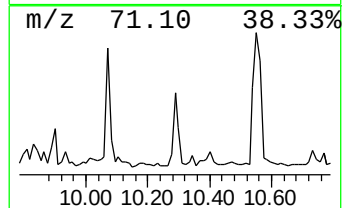
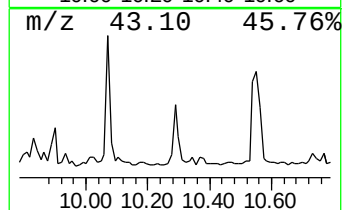
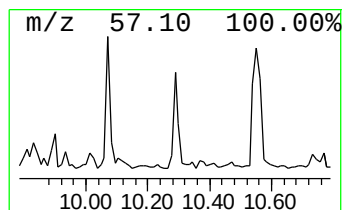
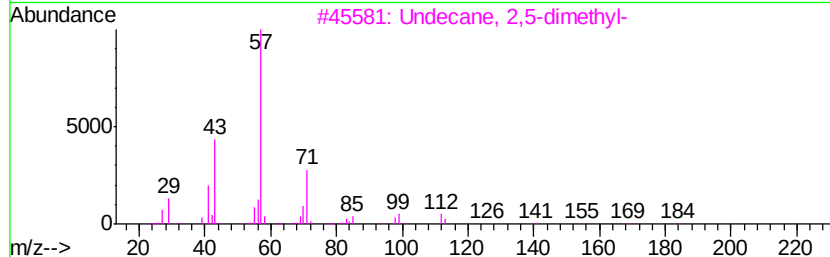
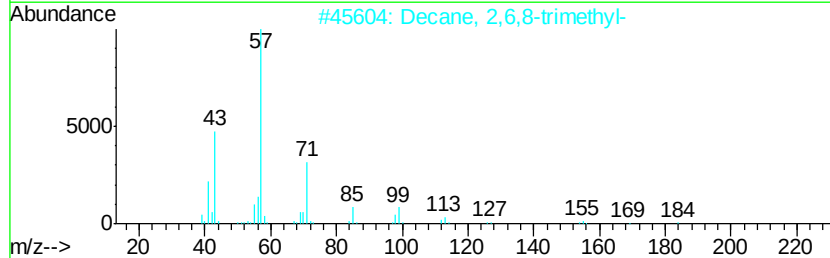
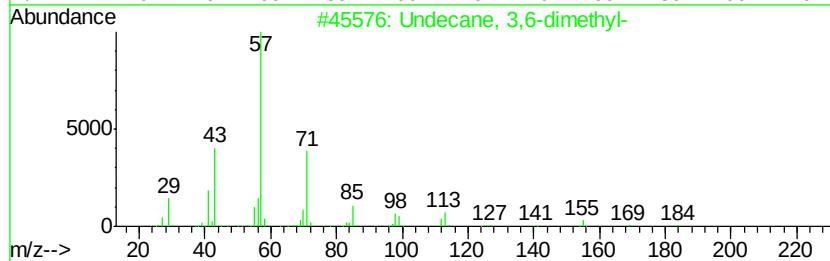
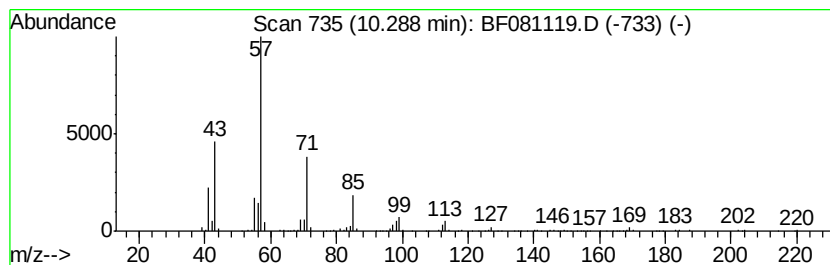
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.62 ng	349129	Acenaphthene-d10	9.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	90
2	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	90
3	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	90
4	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	87
5	Dodecane, 6-methyl-	184 C13H28	006044-71-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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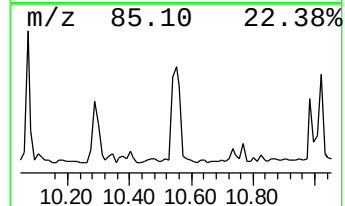
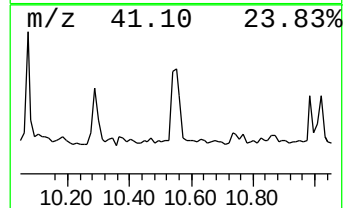
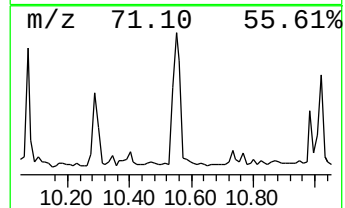
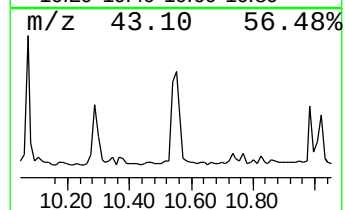
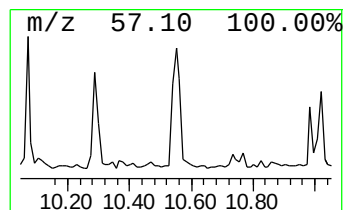
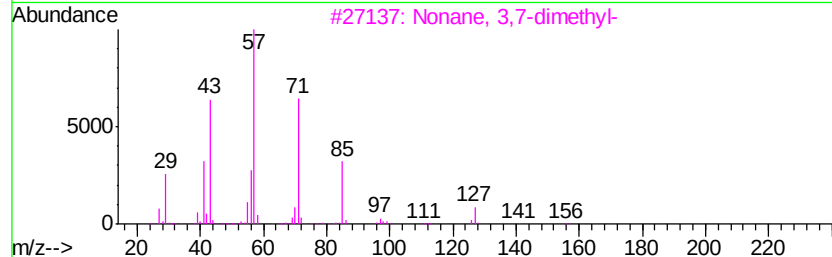
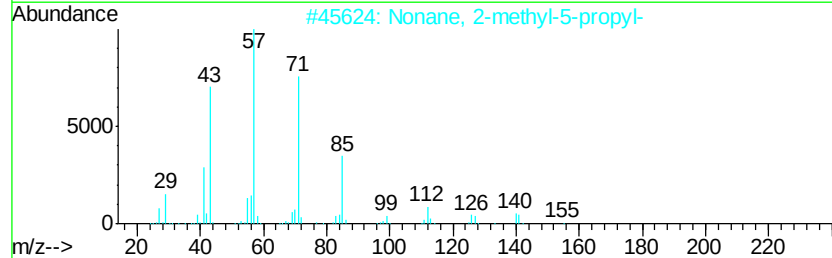
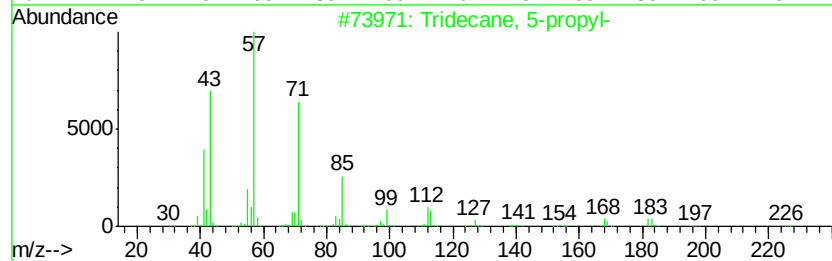
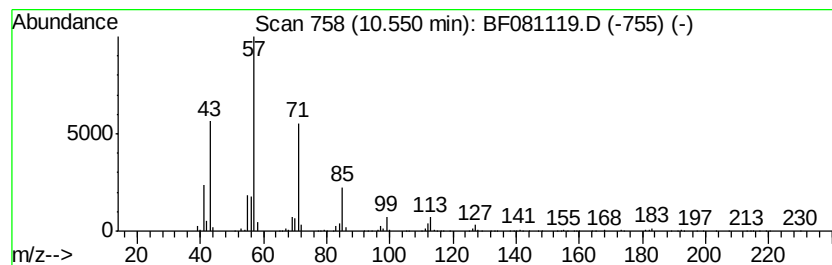
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.55	21.63 ng	673138	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	Triacontane	422	C30H62	000638-68-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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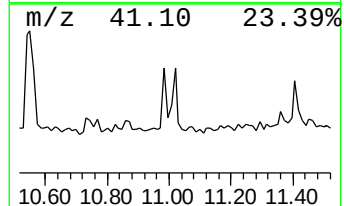
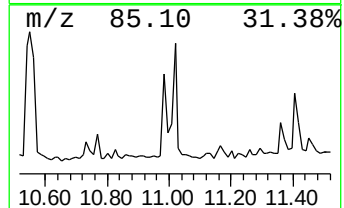
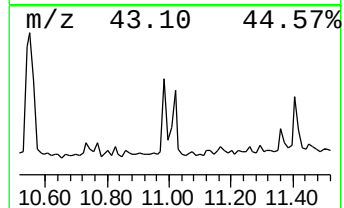
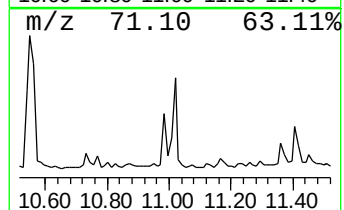
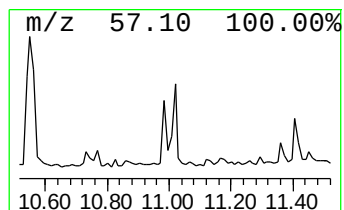
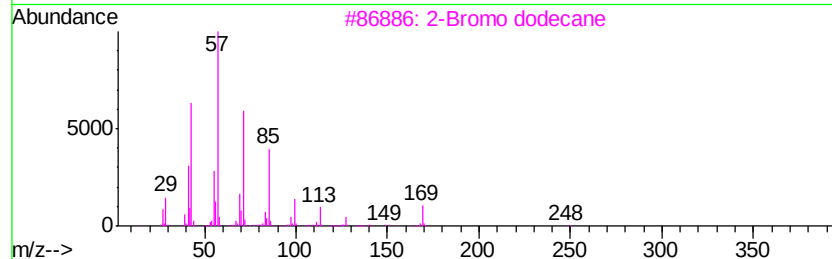
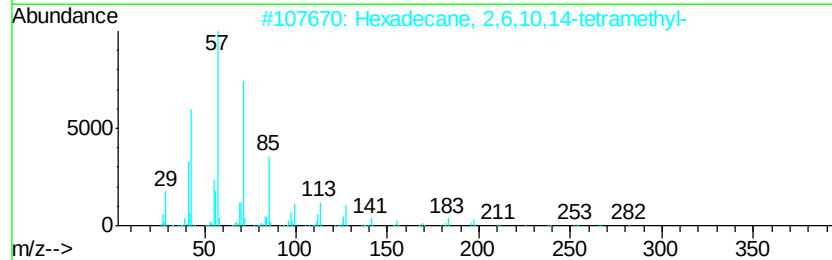
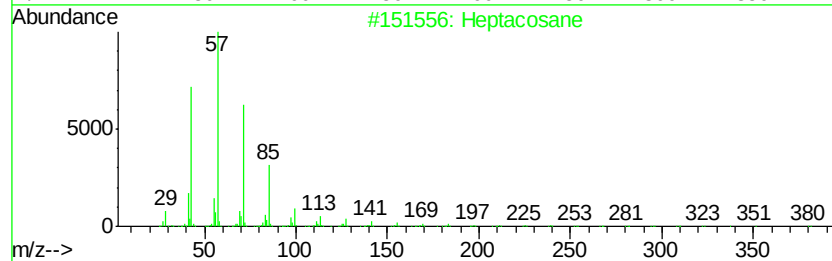
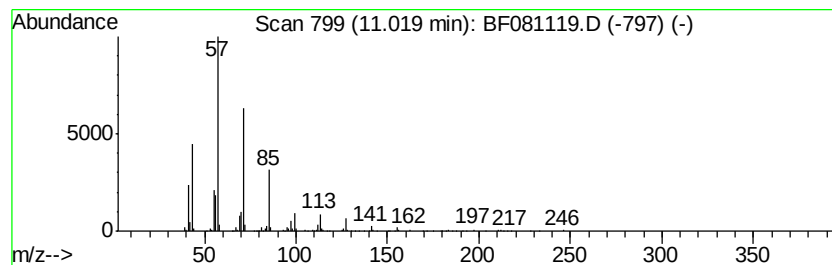
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	9.04 ng	281337	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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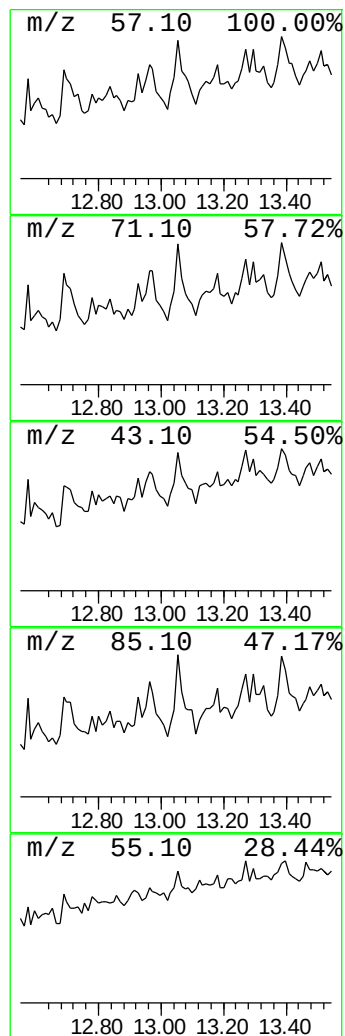
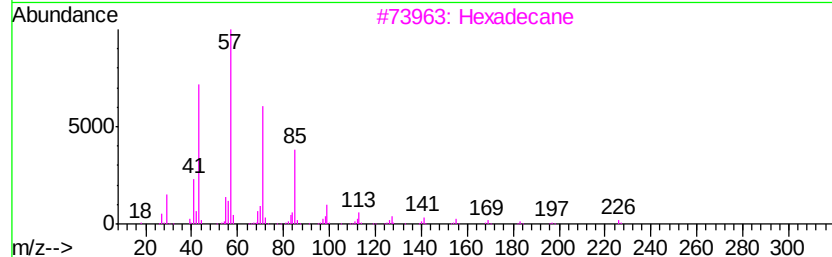
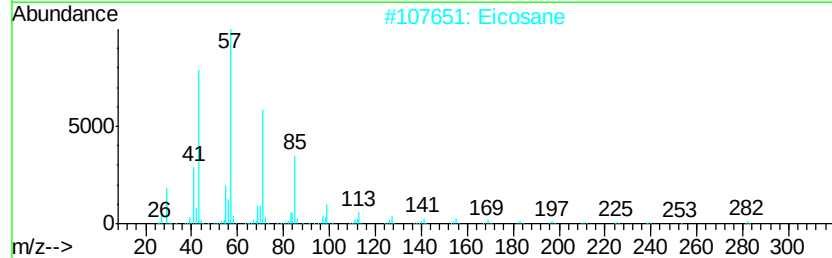
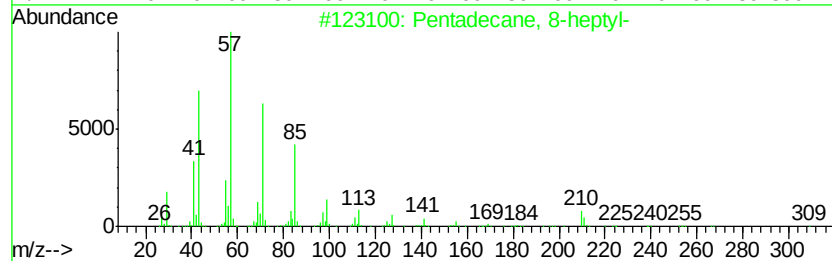
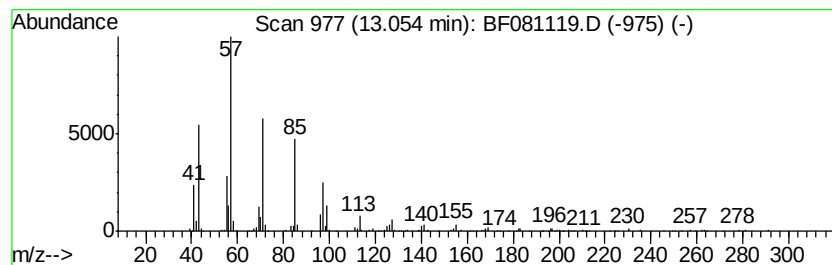
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.55 ng	260915	Chrysene-d12	13.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 8-heptyl-	310 C22H46	071005-15-7 72
2		Eicosane	282 C20H42	000112-95-8 72
3		Hexadecane	226 C16H34	000544-76-3 72
4		Pentadecane	212 C15H32	000629-62-9 64
5		Heptadecane	240 C17H36	000629-78-7 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081119.D
Acq On : 20 Aug 2015 10:51
Operator : UM/IZ
Sample : G3230-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB3B

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	50.3	ng	1026170	1	6.58	407930	20.0
Undecane, 2,6-dim...	7.96	9.8	ng	427777	2	7.88	877379	20.0
Hexadecane	8.49	15.3	ng	668866	2	7.88	877379	20.0
Undecane, 5-ethyl-	8.58	5.8	ng	253119	2	7.88	877379	20.0
Undecane, 3-methyl-	8.77	5.4	ng	176805	3	9.62	657489	20.0
Tetradecane	9.05	34.8	ng	1143610	3	9.62	657489	20.0
Tetratetracontane	9.90	5.6	ng	183464	3	9.62	657489	20.0
Undecane, 3,6-dim...	10.29	10.6	ng	349129	3	9.62	657489	20.0
Tridecane, 5-propyl-	10.55	21.6	ng	673138	4	11.09	622408	20.0
Heptacosane	11.02	9.0	ng	281337	4	11.09	622408	20.0
Pentadecane, 8-he...	13.05	5.5	ng	260915	5	13.72	940769	20.0