

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092527.D
 Acq On : 26 Jan 2017 15:55
 Operator : SJ/MA
 Sample : I1312-04 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-101-0-2

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-BF012417.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	5.150	265	268	270	rBV	569216	816133	31.88%	2.171%
2	5.561	301	304	306	rBV	2252902	2037899	79.61%	5.422%
3	6.590	392	394	400	rVB	2181896	2112522	82.52%	5.620%
4	6.739	404	407	409	rBV	1956768	2132621	83.31%	5.674%
5	6.967	425	427	430	rBV	960030	998712	39.01%	2.657%
6	7.036	430	433	435	rBV2	25398	43058	1.68%	0.115%
7	7.070	435	436	439	rVB2	35441	52152	2.04%	0.139%
8	7.127	439	441	443	rBV	1803925	1538743	60.11%	4.094%
9	7.253	449	452	453	rBV	32164	44294	1.73%	0.118%
10	7.310	453	457	459	rBV3	34217	68797	2.69%	0.183%
11	7.390	459	464	467	rVV3	126683	237827	9.29%	0.633%
12	7.459	467	470	472	rVV2	34689	67630	2.64%	0.180%
13	7.539	474	477	478	rVV	924769	1207261	47.16%	3.212%
14	7.573	478	480	482	rVV	207418	213453	8.34%	0.568%
15	7.619	482	484	486	rVV2	57759	95067	3.71%	0.253%
16	7.687	486	490	493	rVV2	124059	268891	10.50%	0.715%
17	7.745	493	495	503	rVB5	67355	270987	10.59%	0.721%
18	7.882	503	507	508	rBV3	43009	66549	2.60%	0.177%
19	7.905	508	509	511	rVV2	68256	66153	2.58%	0.176%
20	7.985	514	516	517	rBV	38079	54897	2.14%	0.146%
21	8.007	517	518	521	rVB2	50972	76406	2.98%	0.203%
22	8.065	521	523	524	rBV	29033	51447	2.01%	0.137%
23	8.133	528	529	531	rBV2	31748	43283	1.69%	0.115%
24	8.213	533	536	537	rVV2	33270	58593	2.29%	0.156%
25	8.270	537	541	543	rVV2	973982	1595367	62.32%	4.245%
26	8.327	544	546	547	rVB	183730	164999	6.45%	0.439%
27	8.350	547	548	552	rBV2	30918	55479	2.17%	0.148%
28	8.476	552	559	560	rBV4	39801	98442	3.85%	0.262%
29	8.556	563	566	570	rBV4	92925	183204	7.16%	0.487%
30	8.648	572	574	576	rVB2	95030	96453	3.77%	0.257%
31	8.693	576	578	579	rBV	262203	259869	10.15%	0.691%
32	8.716	579	580	583	rVB3	48686	77358	3.02%	0.206%
33	8.773	583	585	586	rBV	83467	64497	2.52%	0.172%
34	8.830	586	590	591	rBV3	41754	84748	3.31%	0.225%

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35	8.865	591	593	595	rVV	424779	412280	16.10%	1.097%
36	8.956	599	601	602	rVV	89429	132213	5.16%	0.352%
37	8.979	602	603	605	rVB	127944	127358	4.97%	0.339%
38	9.082	610	612	614	rVB2	95511	100521	3.93%	0.267%
39	9.150	616	618	619	rBV2	46817	59733	2.33%	0.159%
40	9.230	623	625	627	rVB	79139	79984	3.12%	0.213%
41	9.299	627	631	633	rVB	184562	270742	10.58%	0.720%
42	9.345	633	635	638	rBV	1826701	1817990	71.02%	4.837%
43	9.425	640	642	645	rBV2	376444	569103	22.23%	1.514%
44	9.550	650	653	654	rVV2	47201	81822	3.20%	0.218%
45	9.619	656	659	661	rVV	90660	152047	5.94%	0.405%
46	9.688	661	665	666	rVV	171857	230290	9.00%	0.613%
47	9.745	668	670	674	rVV2	482696	718013	28.05%	1.910%
48	9.813	674	676	677	rVV2	76279	111728	4.36%	0.297%
49	9.848	677	679	681	rVV3	71625	96922	3.79%	0.258%
50	9.893	681	683	685	rVV2	73647	96689	3.78%	0.257%
51	9.962	687	689	691	rVV	446884	397695	15.54%	1.058%
52	10.031	693	695	697	rVV	1373003	1204272	47.04%	3.204%
53	10.065	697	698	703	rVV5	56464	89771	3.51%	0.239%
54	10.156	703	706	708	rVV3	43310	97832	3.82%	0.260%
55	10.202	708	710	711	rVV2	45081	78188	3.05%	0.208%
56	10.225	711	712	715	rVV2	80728	126464	4.94%	0.336%
57	10.282	715	717	719	rVB3	86038	127243	4.97%	0.339%
58	10.351	721	723	724	rVV2	43317	39773	1.55%	0.106%
59	10.385	724	726	729	rVB3	60653	101108	3.95%	0.269%
60	10.465	729	733	734	rBV	281620	318689	12.45%	0.848%
61	10.579	741	743	746	rBV3	43135	78754	3.08%	0.210%
62	10.682	749	752	755	rVV	157377	228099	8.91%	0.607%
63	10.739	755	757	758	rVB	41068	54695	2.14%	0.146%
64	10.773	758	760	761	rBV	30191	43043	1.68%	0.115%
65	10.819	761	764	766	rBV	1019701	977659	38.19%	2.601%
66	10.865	766	768	770	rVV2	74594	84834	3.31%	0.226%
67	10.933	773	774	779	rVB	273303	493465	19.28%	1.313%
68	11.071	784	786	789	rBV3	53034	85381	3.34%	0.227%
69	11.128	789	791	792	rBV	54985	66886	2.61%	0.178%
70	11.265	801	803	805	rBV2	57677	110990	4.34%	0.295%
71	11.379	811	813	815	rBV	165197	233743	9.13%	0.622%

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72	11.414	815	816	819	rVB	205415	197163	7.70%	0.525%
73	11.516	823	825	831	rBV2	1032447	1311485	51.23%	3.489%
74	11.596	831	832	833	rVB	74225	50881	1.99%	0.135%
75	11.631	833	835	836	rBV2	45166	57968	2.26%	0.154%
76	11.699	839	841	842	rBV	65360	60159	2.35%	0.160%
77	11.745	843	845	848	rBV2	239082	321014	12.54%	0.854%
78	11.814	849	851	853	rBV	214817	201727	7.88%	0.537%
79	11.974	863	865	868	rBV2	102379	236600	9.24%	0.629%
80	12.134	875	879	880	rBV3	103139	230685	9.01%	0.614%
81	12.225	885	887	888	rBV	199722	209050	8.17%	0.556%
82	12.499	909	911	914	rBV	145953	301259	11.77%	0.802%
83	12.568	915	917	919	rVB	452993	467067	18.25%	1.243%
84	12.614	919	921	922	rBV	255463	253983	9.92%	0.676%
85	12.739	929	932	934	rBV2	274544	677300	26.46%	1.802%
86	13.105	962	964	969	rBV	1274019	1879225	73.41%	5.000%
87	14.168	1055	1057	1058	rBV	539297	511882	20.00%	1.362%
88	14.500	1083	1086	1088	rBV	605455	1149594	44.91%	3.059%
89	14.637	1096	1098	1102	rBV	747339	1509741	58.97%	4.017%
90	14.808	1110	1113	1116	rBV	1290192	2559968	100.00%	6.811%

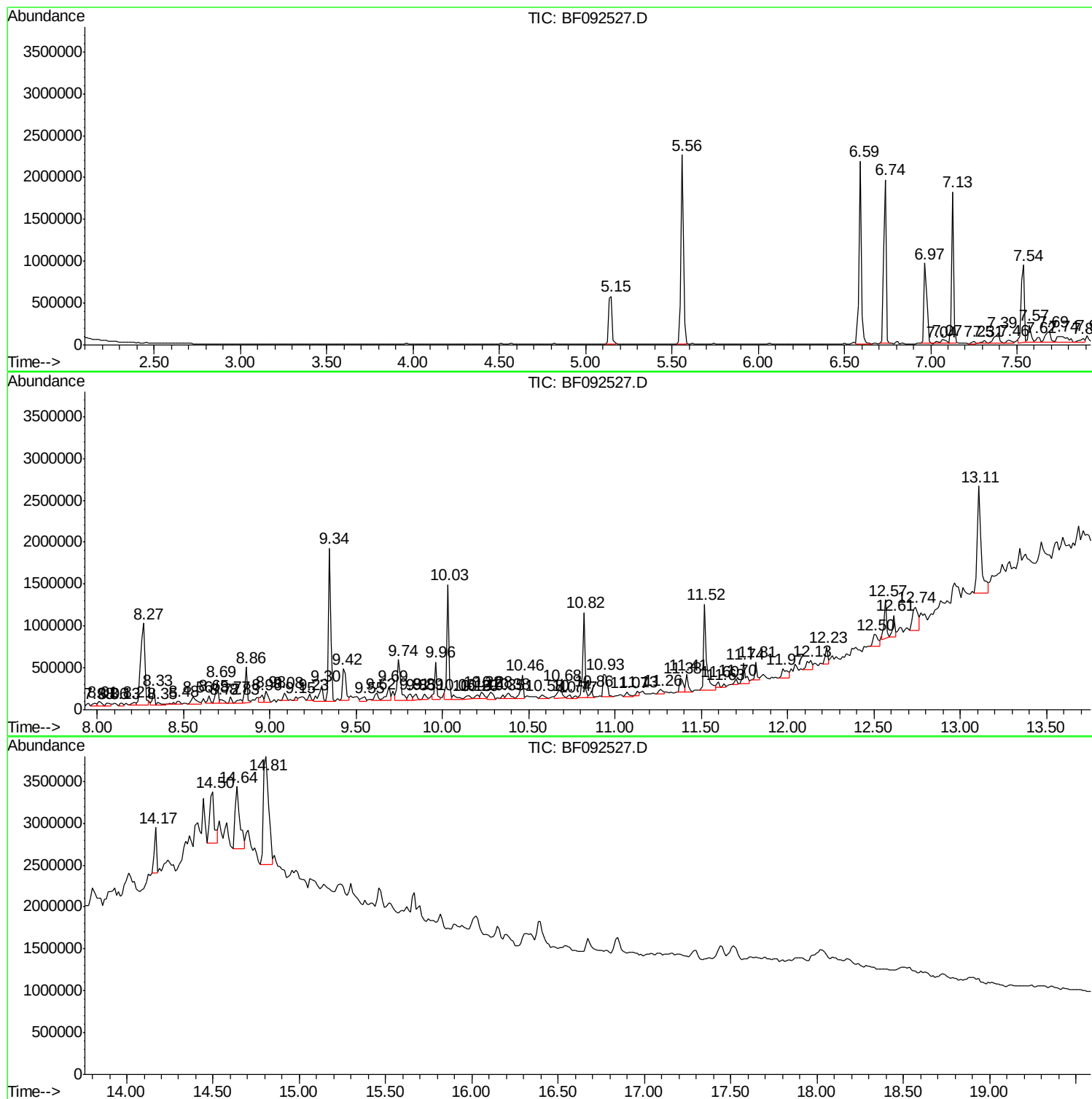
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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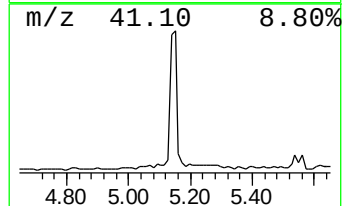
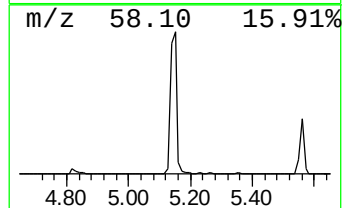
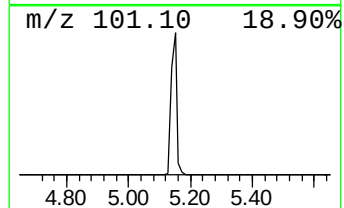
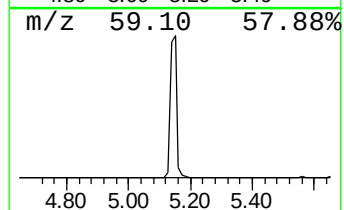
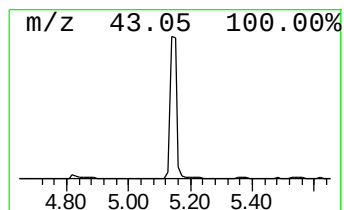
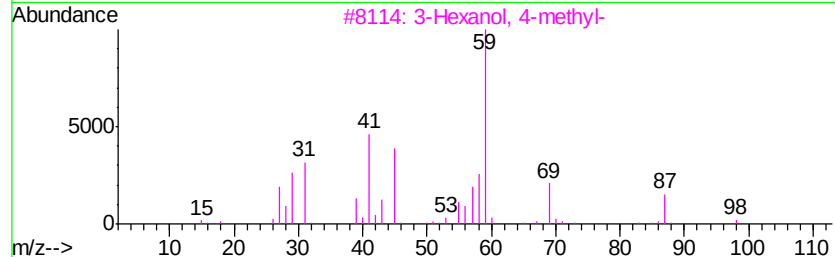
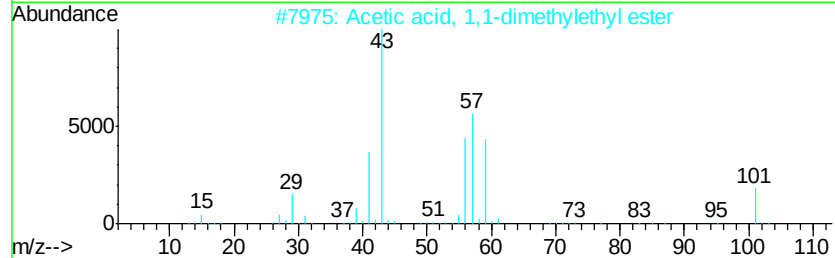
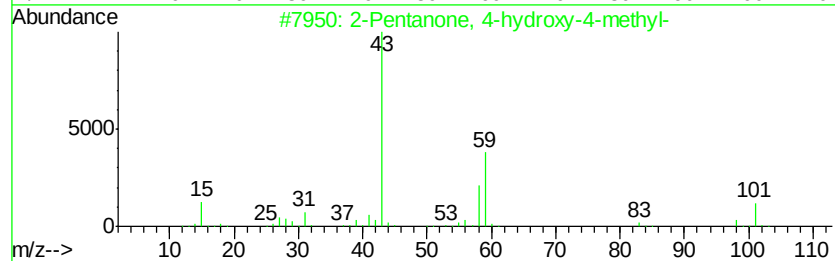
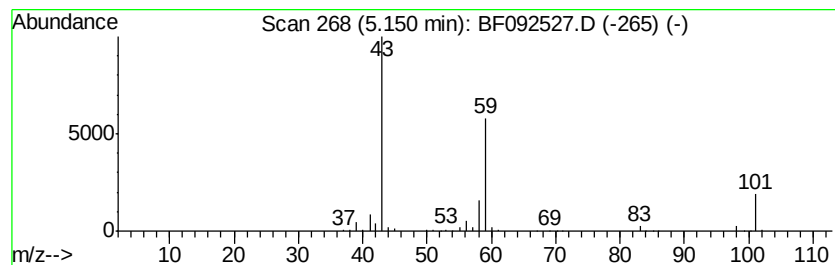
Instrument :
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CAS-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.15	16.34 ng	816133	1,4-Dichlorobenzene-d4	6.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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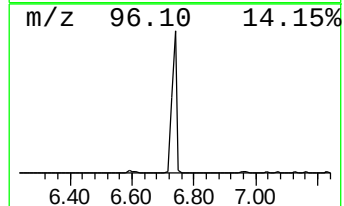
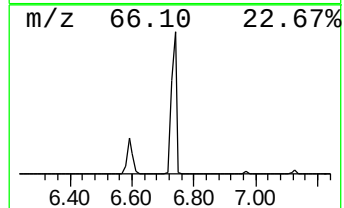
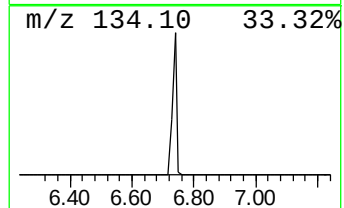
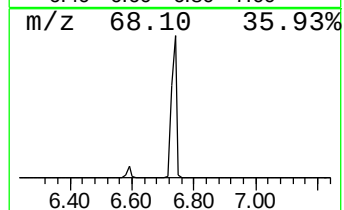
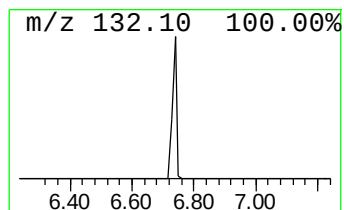
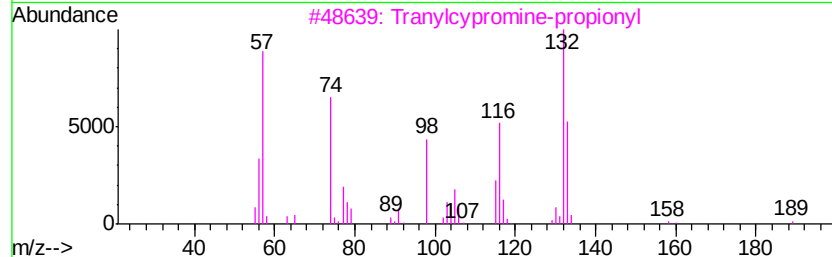
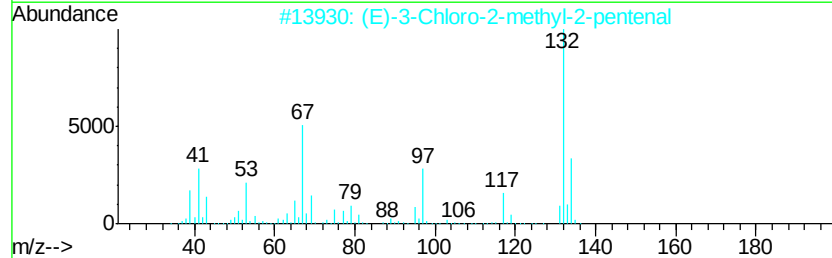
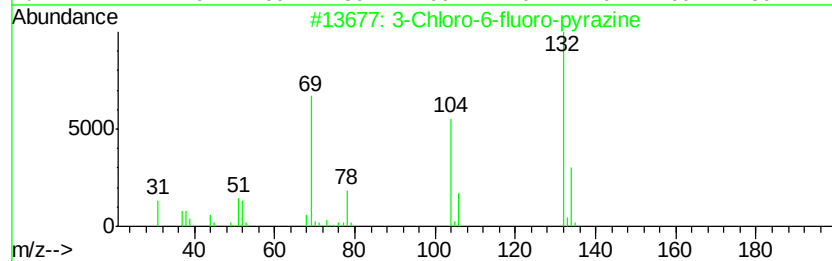
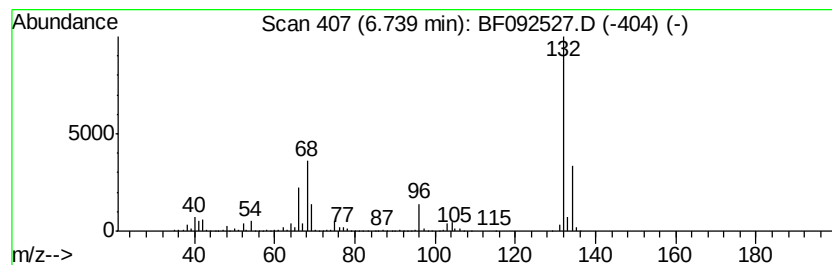
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	42.71 ng	2132620	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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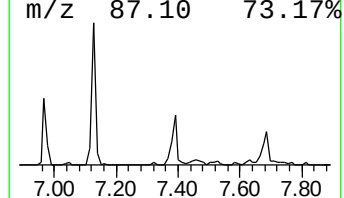
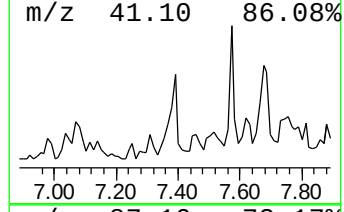
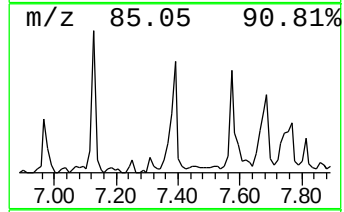
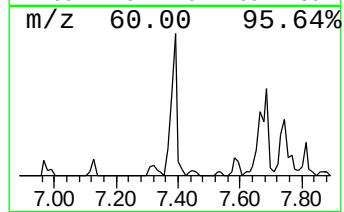
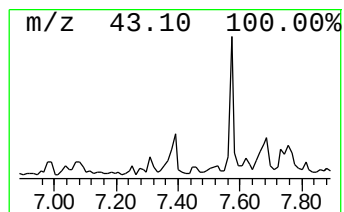
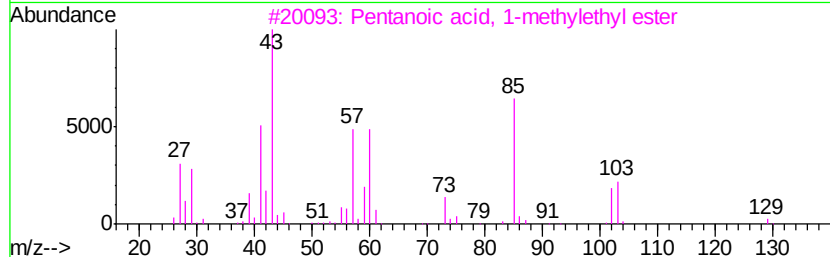
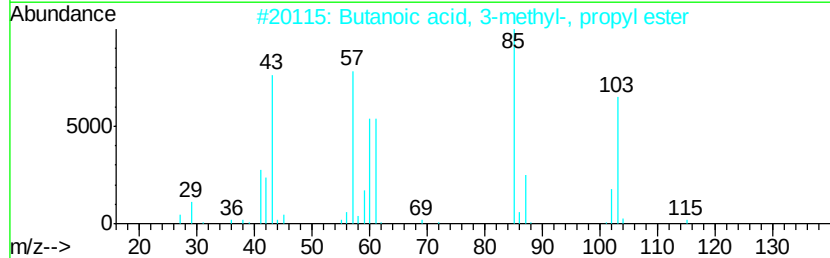
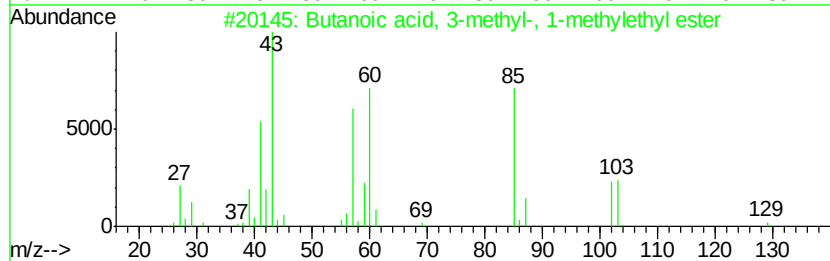
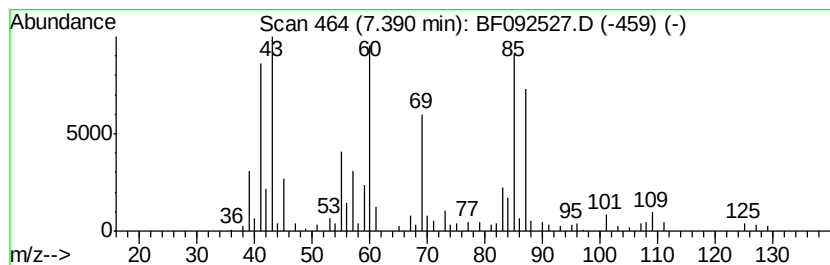
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	4.76 ng	237827	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	47
2		Butanoic acid, 3-methyl-, propyl...	144	C8H16O2	000557-00-6	38
3		Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	38
4		2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	27
5		Ethanol, 2-[(2-chloroethyl)thio...	182	C6H11ClO2S	006321-47-7	22



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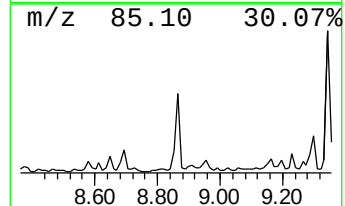
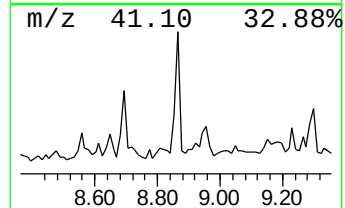
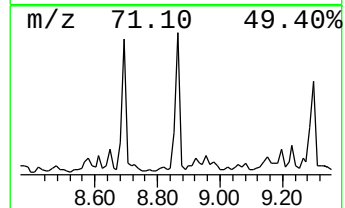
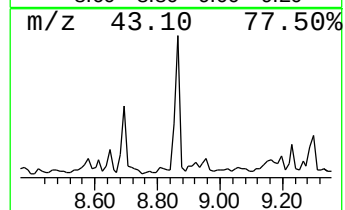
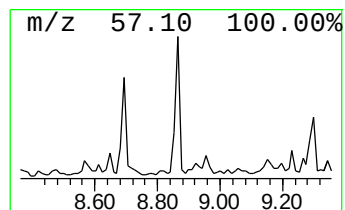
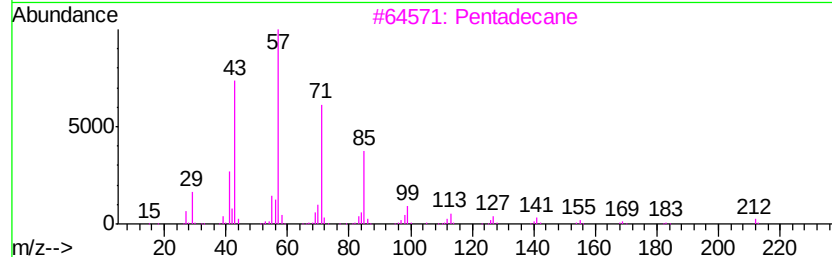
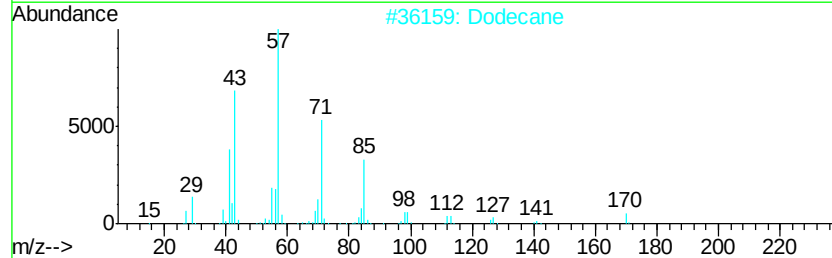
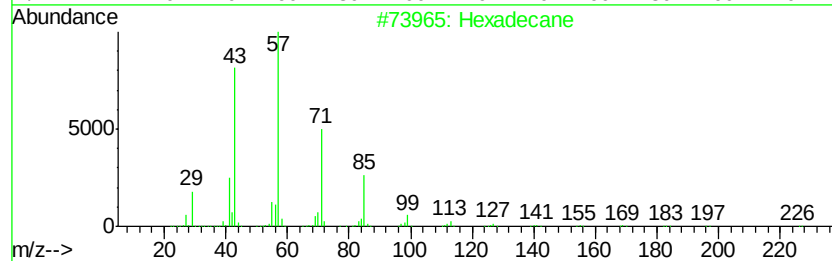
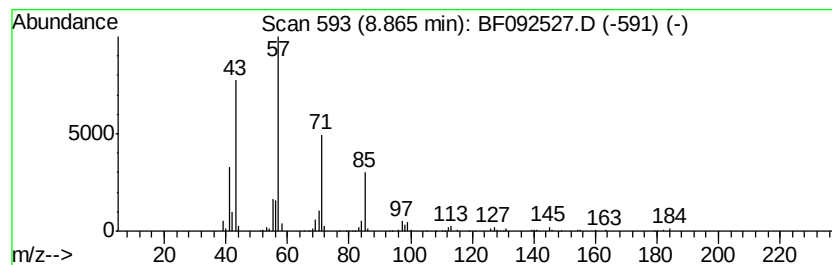
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	5.17 ng	412280	Naphthalene-d8	8.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Dodecane		170	C12H26	000112-40-3	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Tridecane		184	C13H28	000629-50-5	81
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

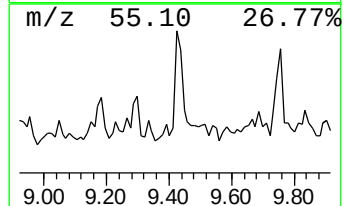
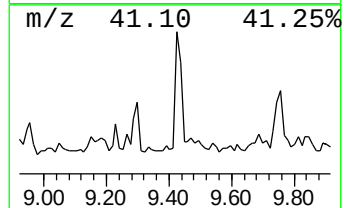
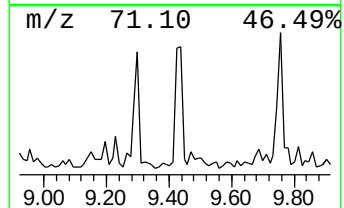
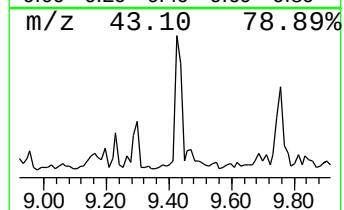
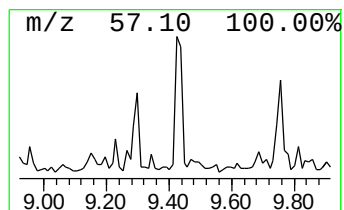
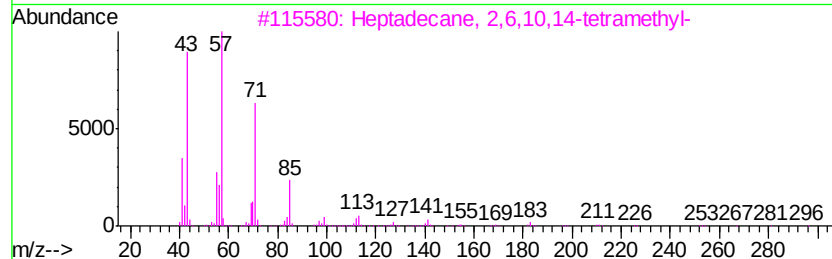
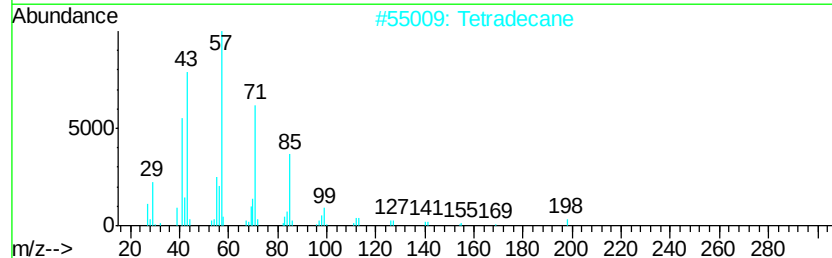
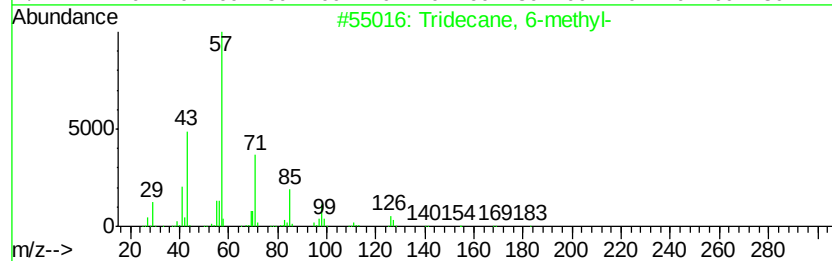
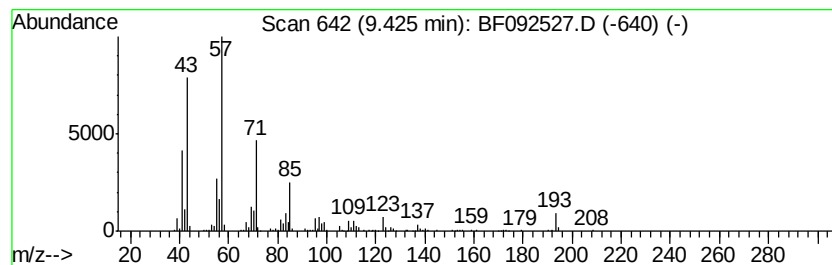
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	9.45 ng	569103	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2		Tetradecane	198	C14H30	000629-59-4	58
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
4		Tridecane	184	C13H28	000629-50-5	58
5		Hexatriacontane	507	C36H74	000630-06-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

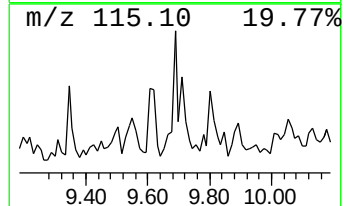
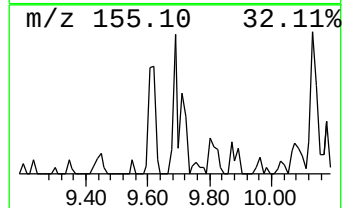
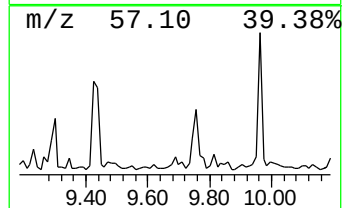
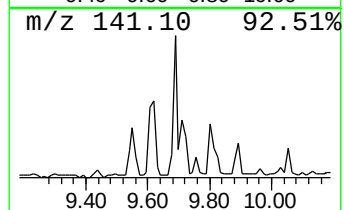
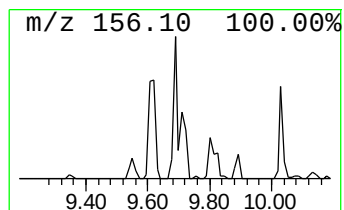
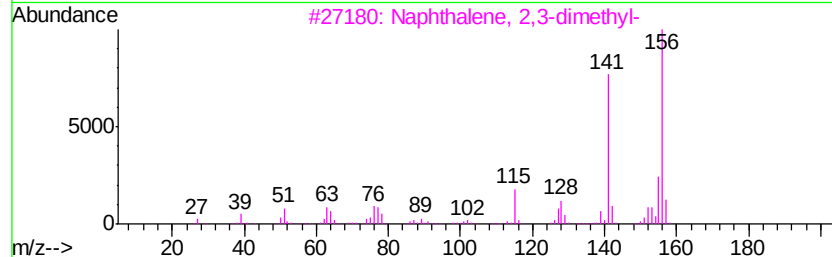
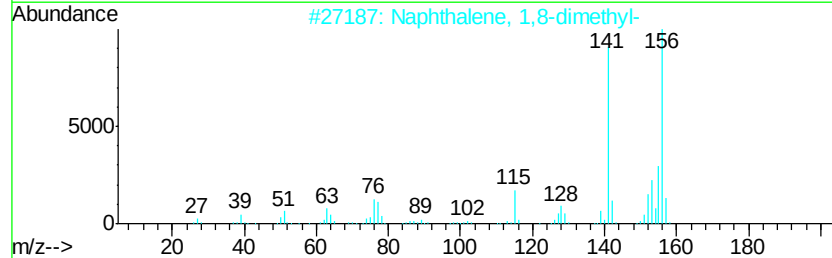
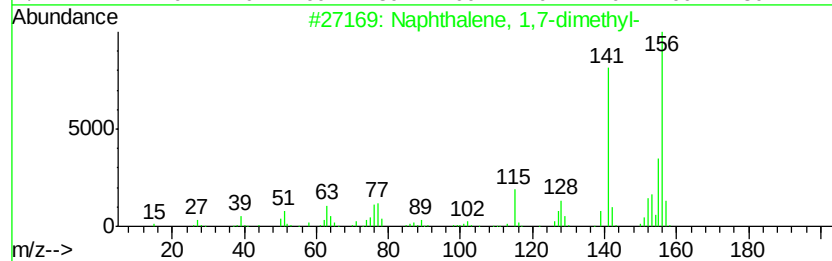
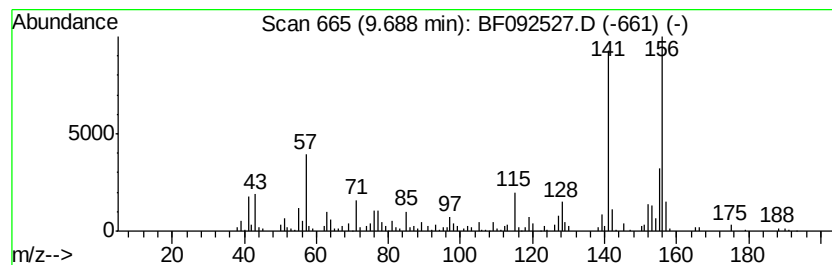
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.82 ng	230290	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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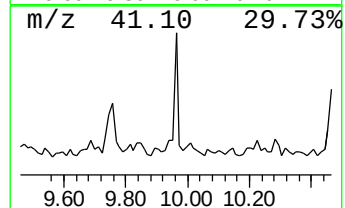
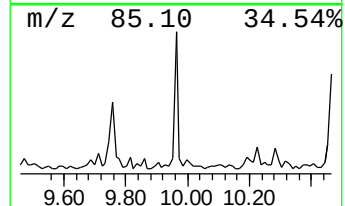
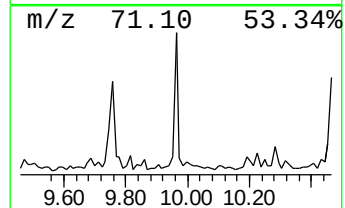
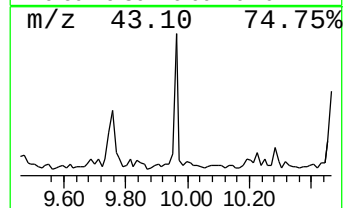
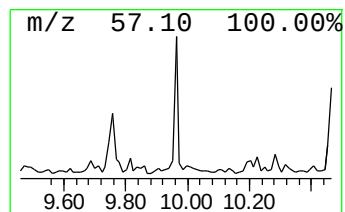
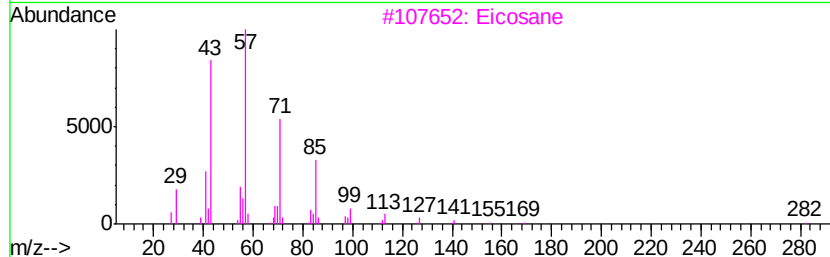
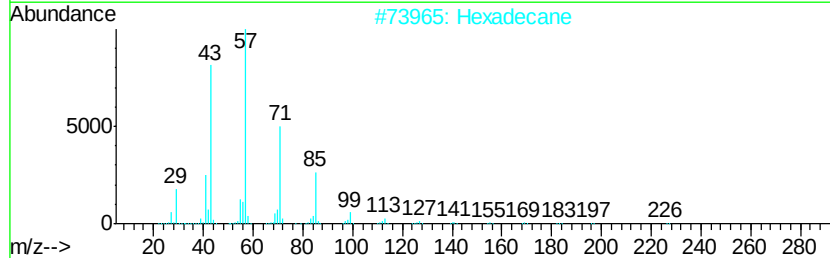
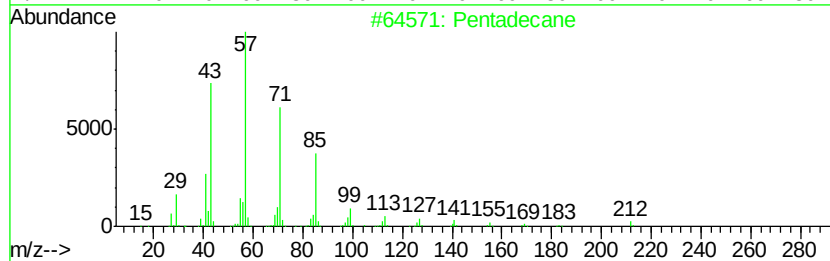
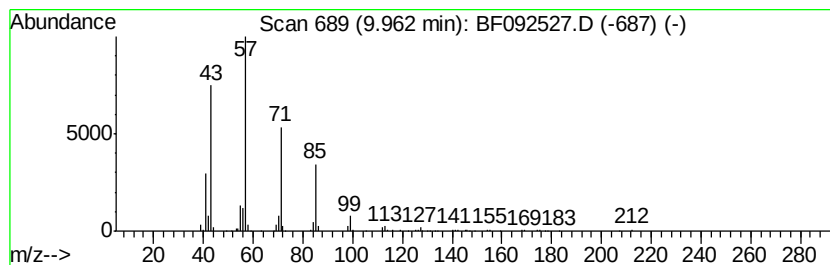
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.60 ng	397695	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane	282	C20H42	000112-95-8	83
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
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Sample : I1312-04 2X
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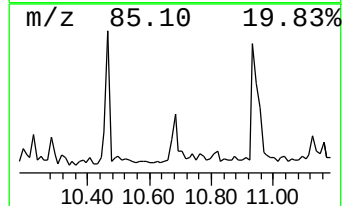
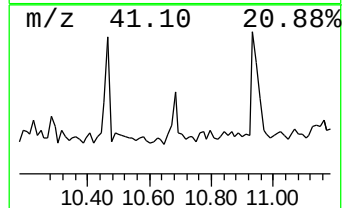
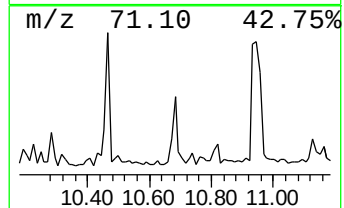
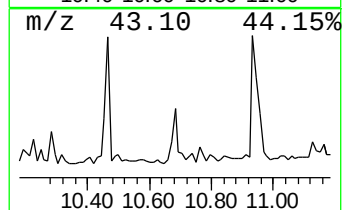
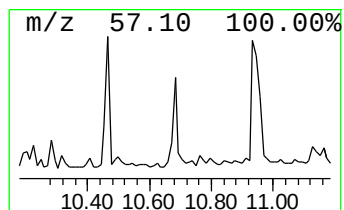
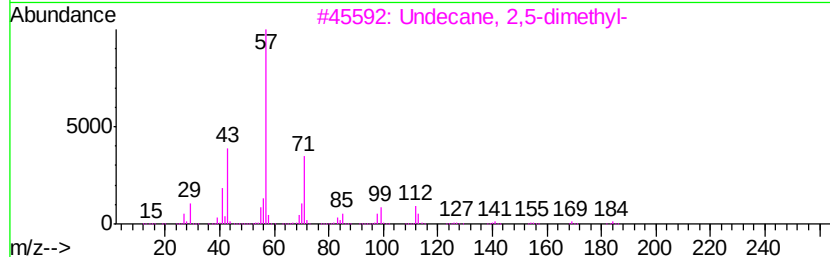
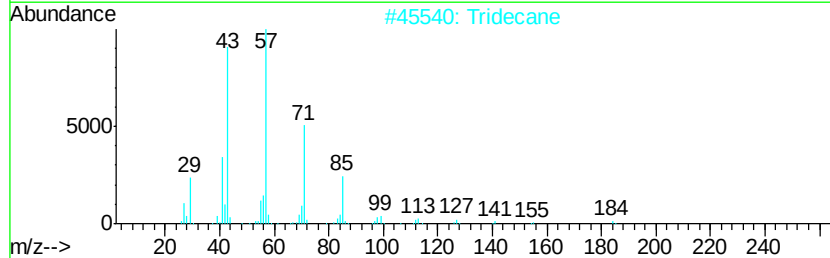
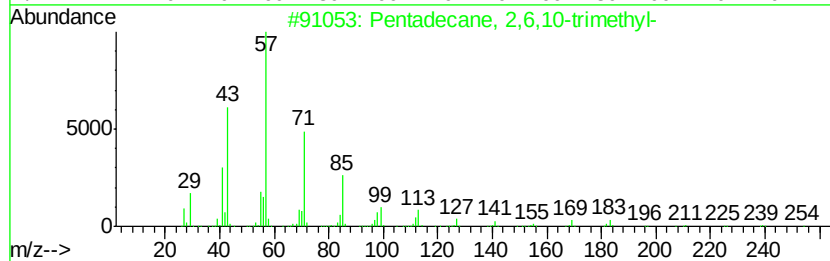
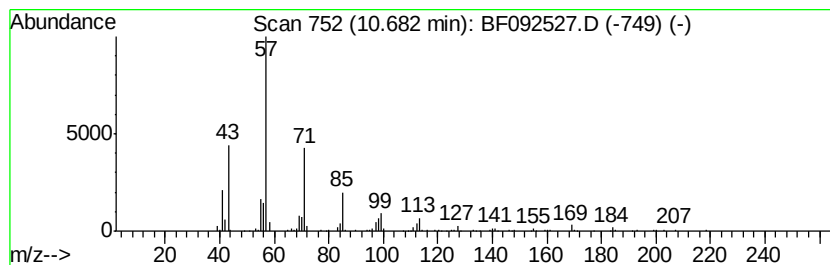
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.68	3.79 ng	228099	Acenaphthene-d10		10.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
5	Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
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Sample : I1312-04 2X
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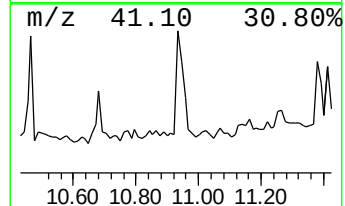
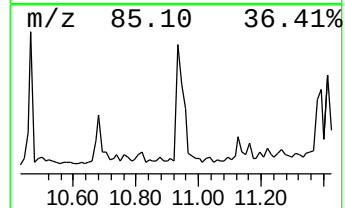
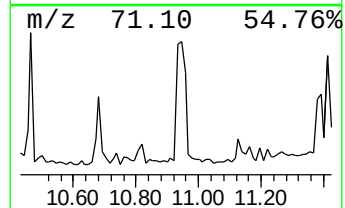
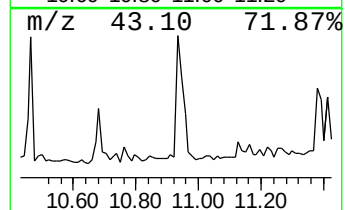
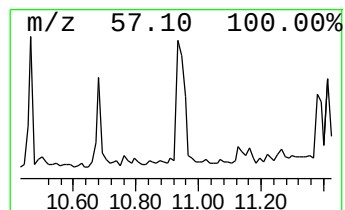
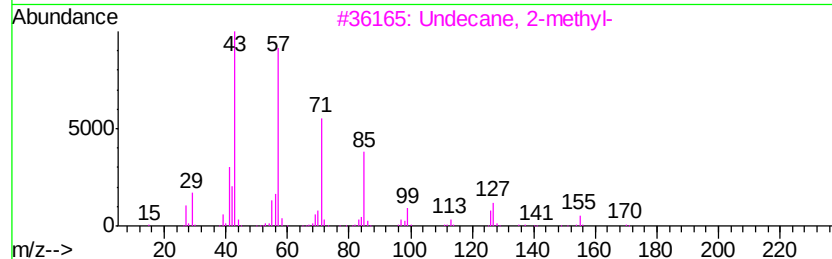
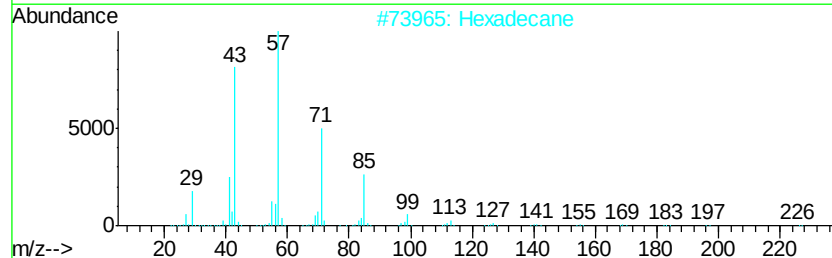
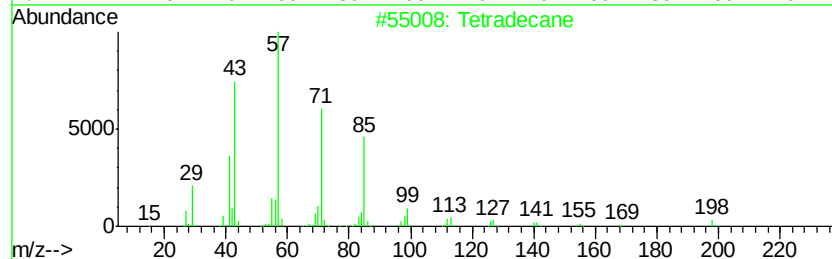
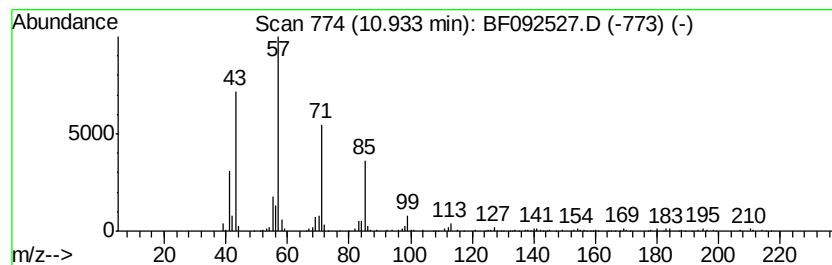
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.93	7.53 ng	493465	Phenanthrene-d10		11.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
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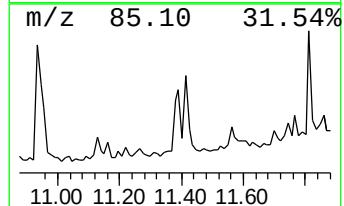
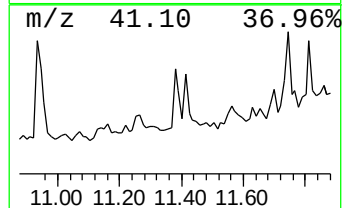
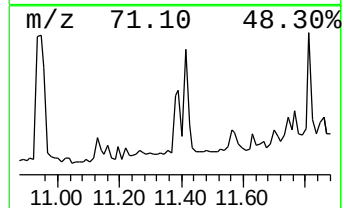
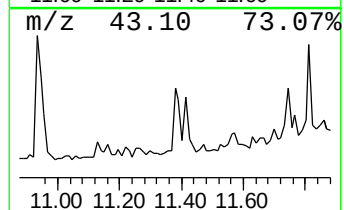
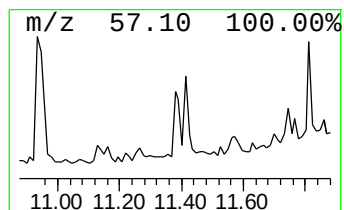
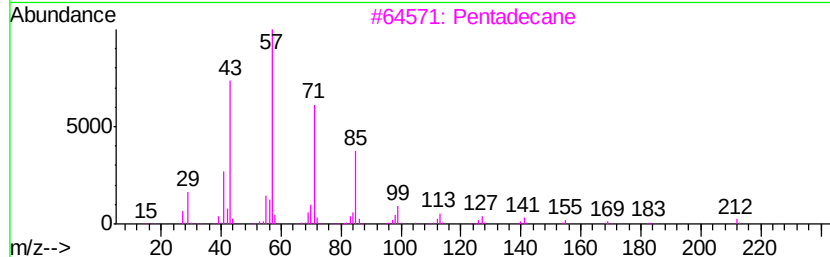
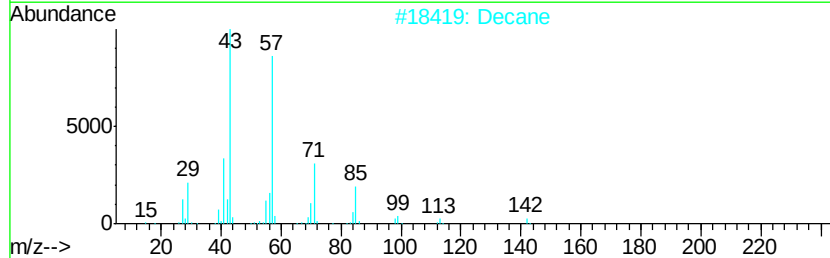
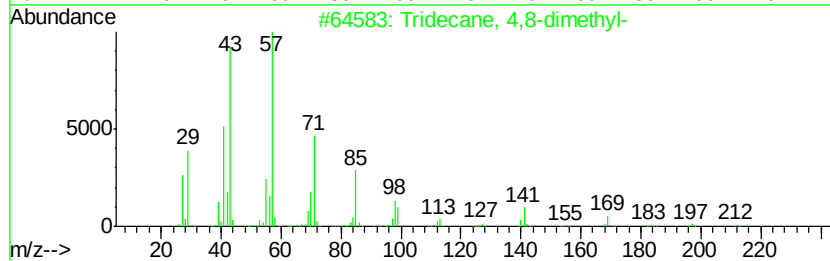
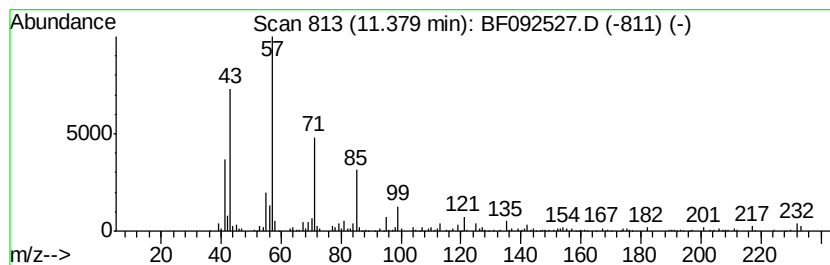
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 4,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.56 ng	233743	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	68
2		Decane	142	C10H22	000124-18-5	64
3		Pentadecane	212	C15H32	000629-62-9	64
4		Hexadecane	226	C16H34	000544-76-3	58
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

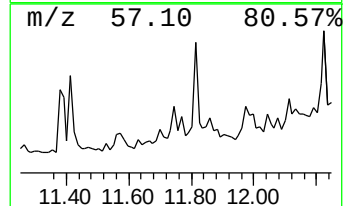
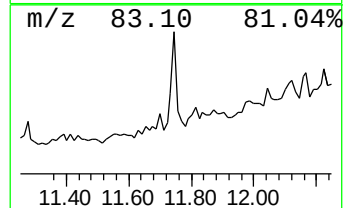
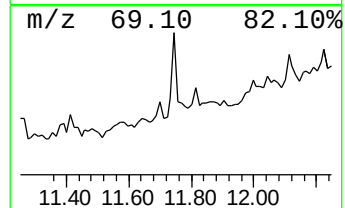
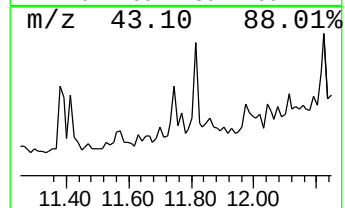
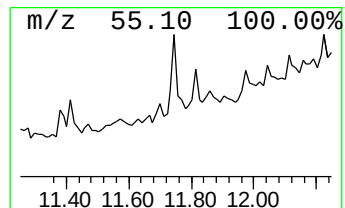
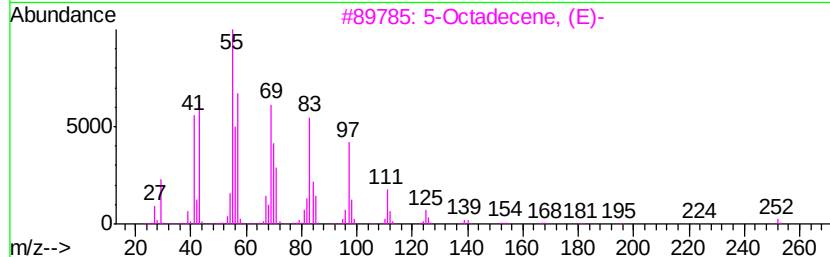
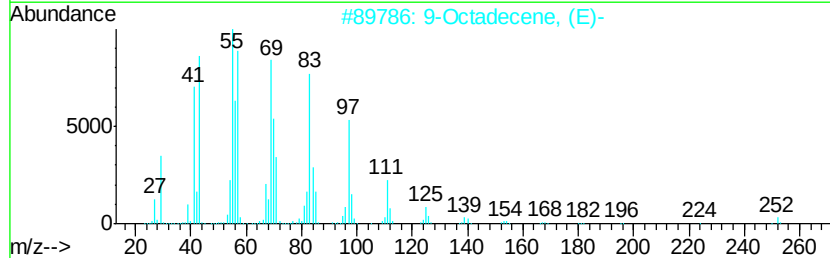
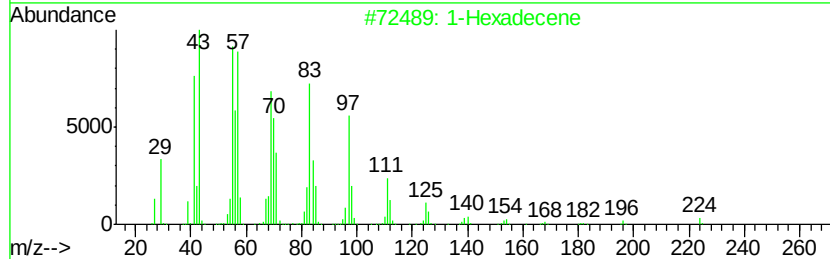
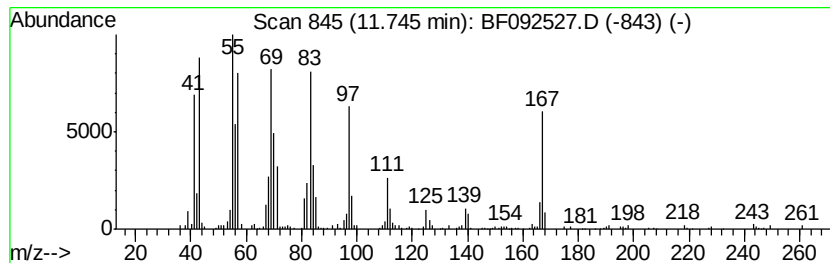
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BNA_F
ClientSampleId :
CAS-SB-101-0-2

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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 1-Hexadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.90 ng	321014	Phenanthrene-d10	11.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	90
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	87
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	83
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5	1-Hexadecanol	242	C16H34O	036653-82-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-101-0-2

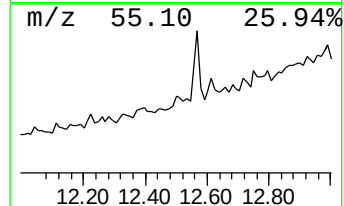
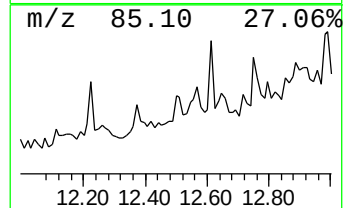
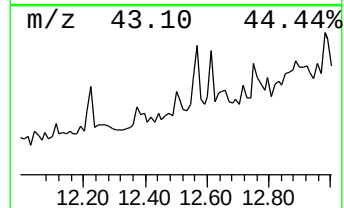
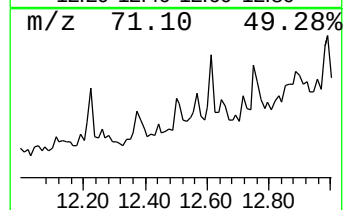
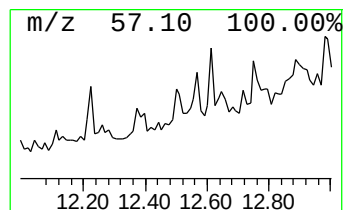
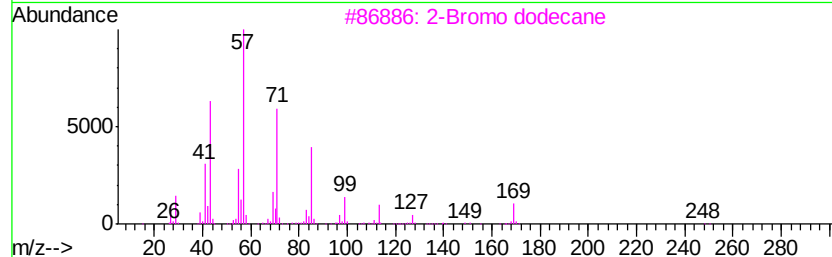
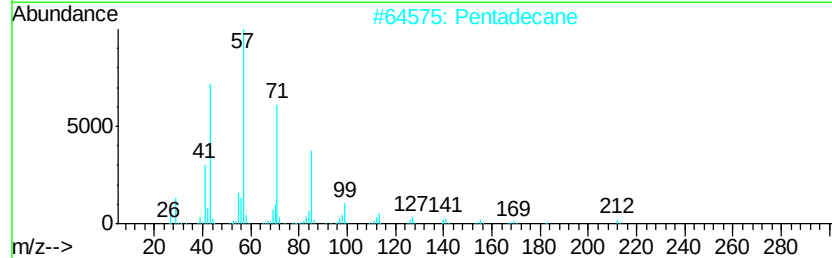
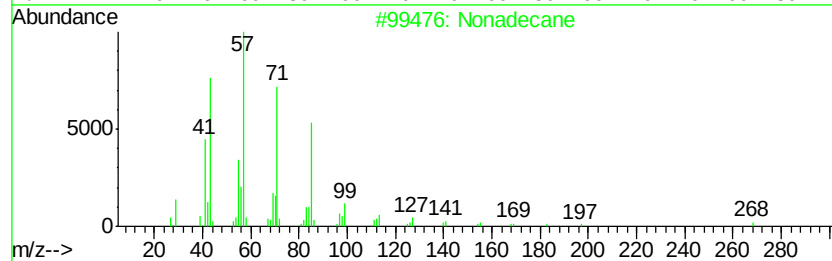
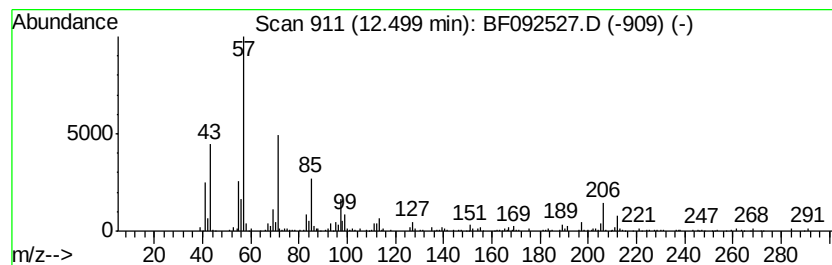
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.59 ng	301259	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	83
2		Pentadecane	212	C15H32	000629-62-9	70
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CAS-SB-101-0-2

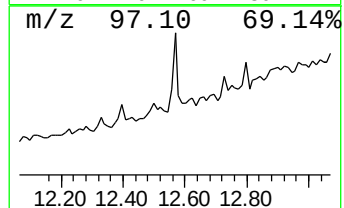
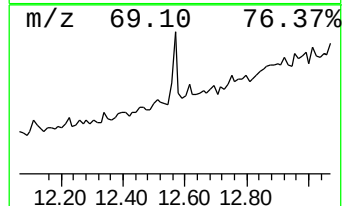
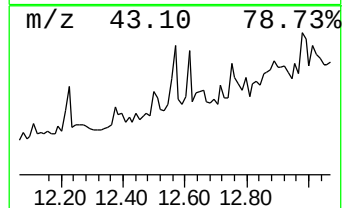
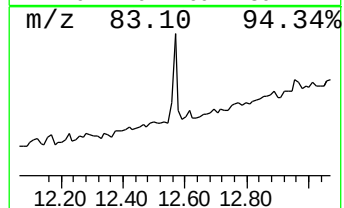
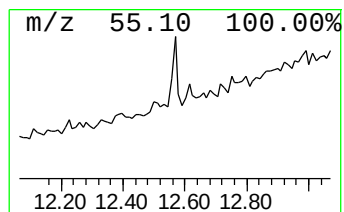
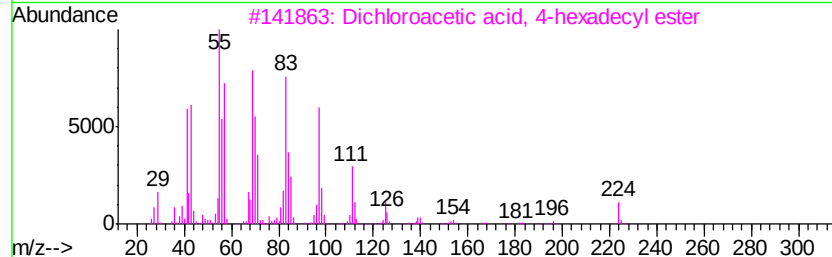
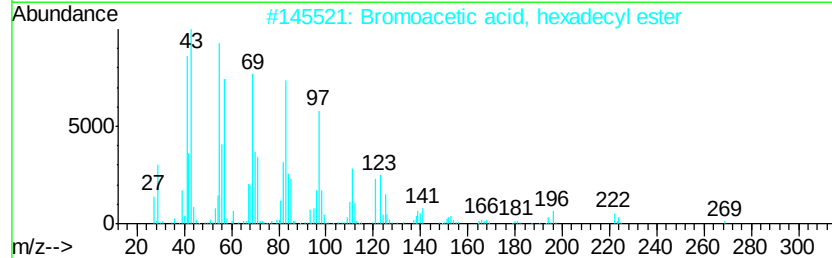
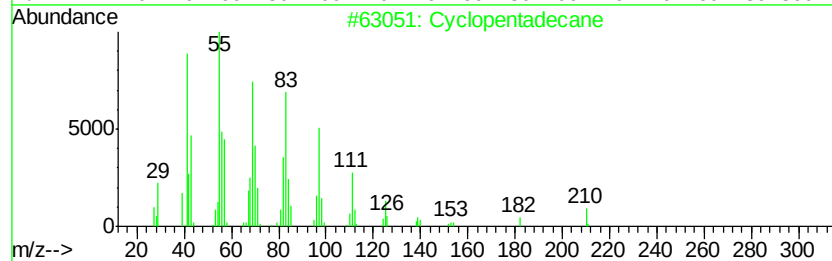
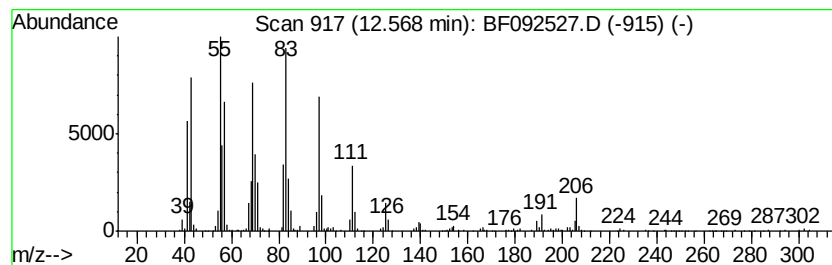
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	7.12 ng	467067	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	91
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3		Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	80
4		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	74
5		1-Hexadecanol	242	C16H34O	036653-82-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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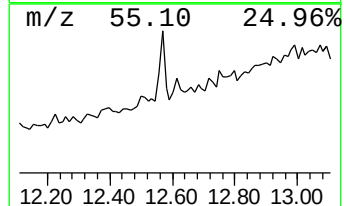
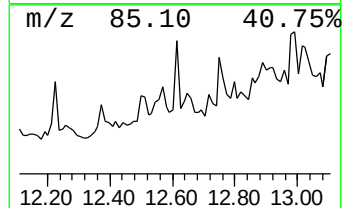
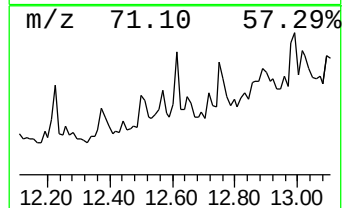
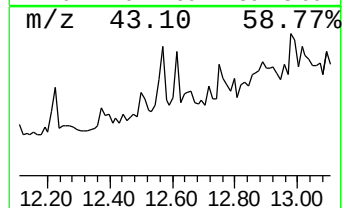
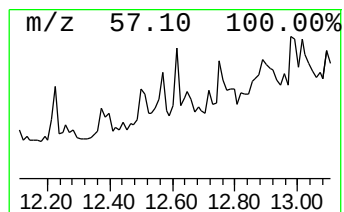
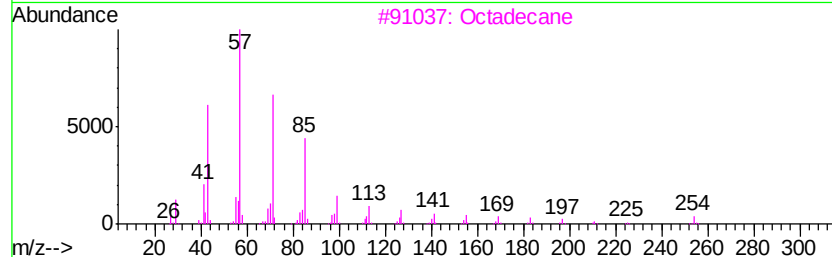
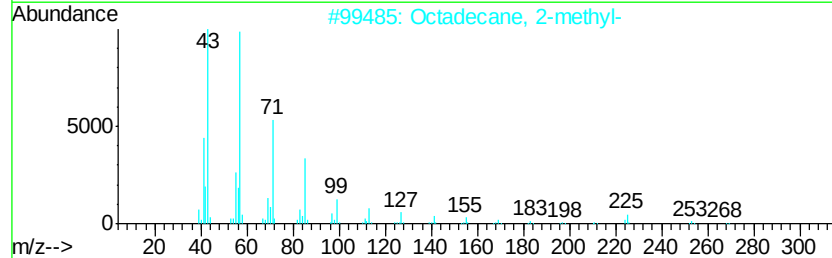
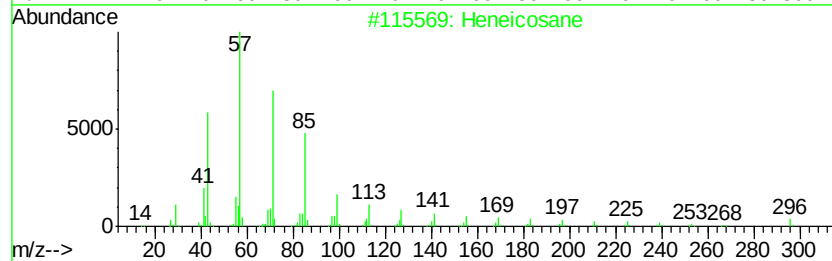
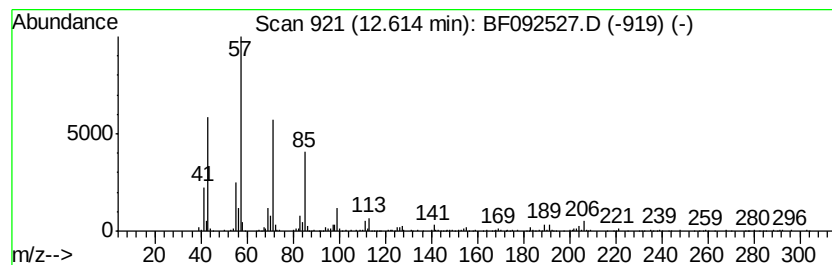
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.87 ng	253983	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
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Misc :
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ClientSampleId :
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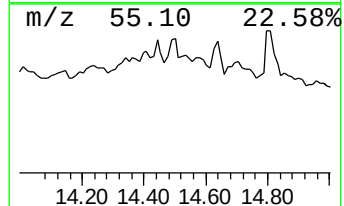
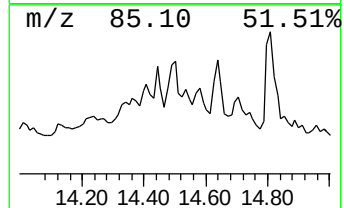
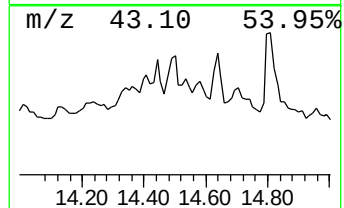
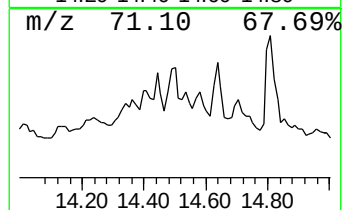
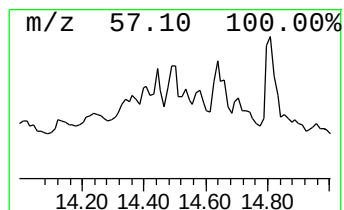
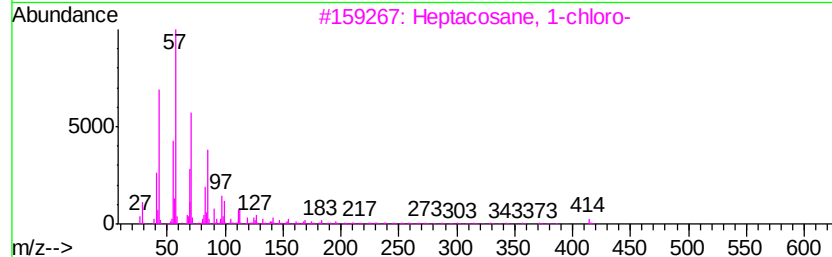
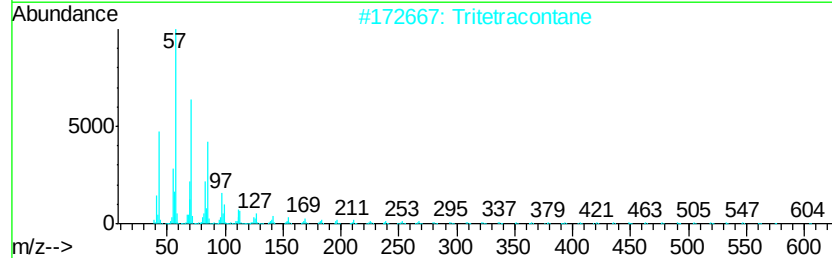
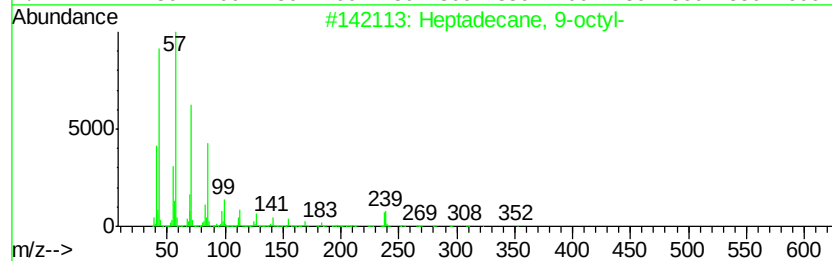
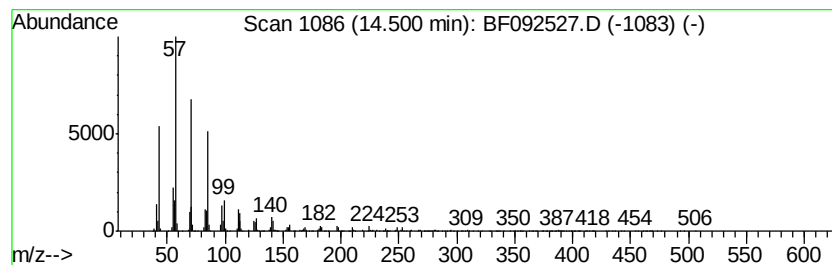
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	44.92 ng	1149590	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Tritetracontane	605	C43H88	007098-21-7	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
Sample : I1312-04 2X
Misc :
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Instrument :
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ClientSampleId :
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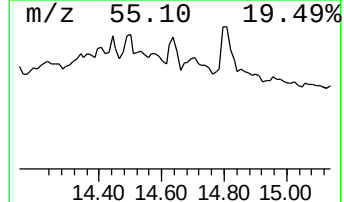
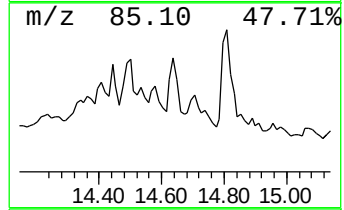
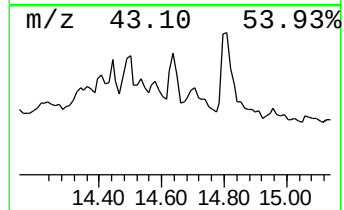
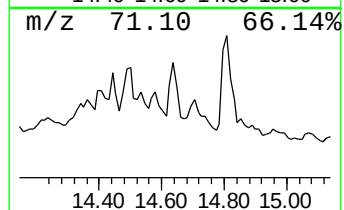
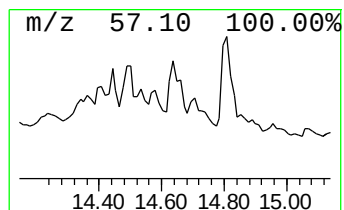
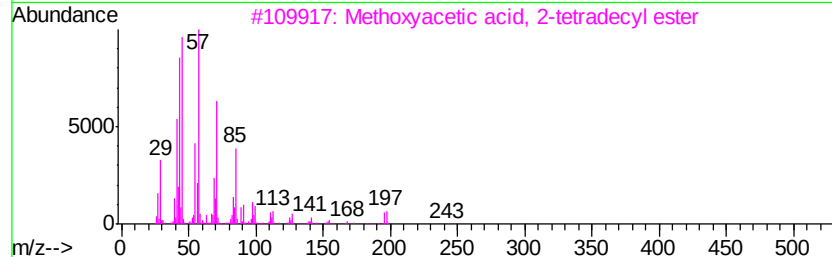
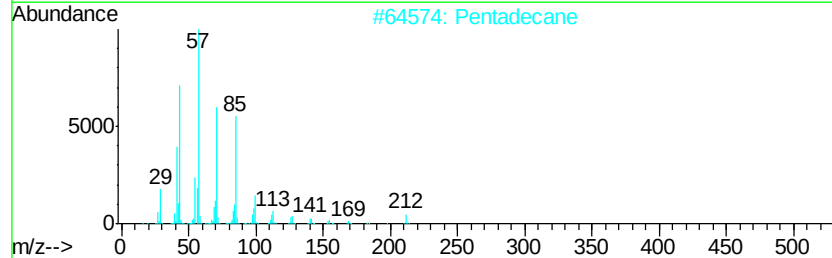
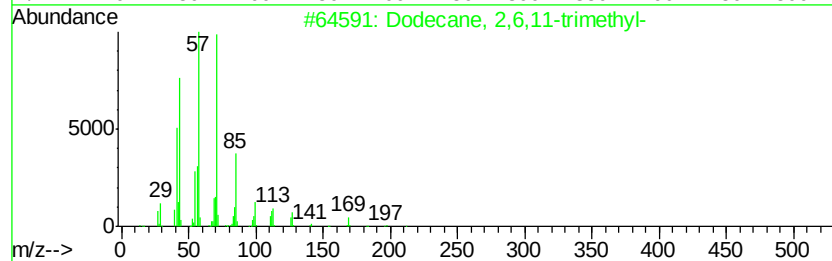
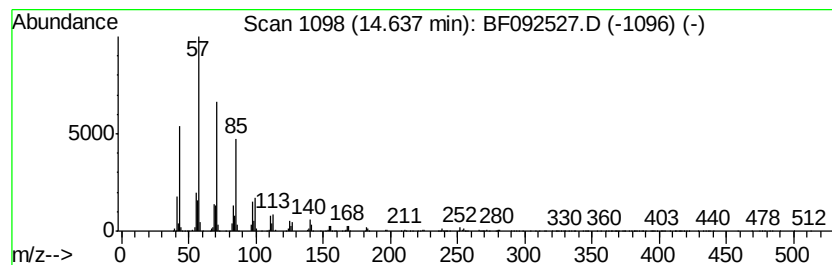
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	58.99 ng	1509740	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
2		Pentadecane	212	C15H32	000629-62-9	87
3		Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092527.D
Acq On : 26 Jan 2017 15:55
Operator : SJ/MA
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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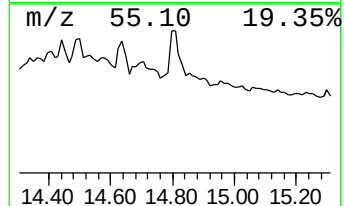
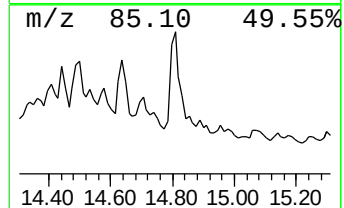
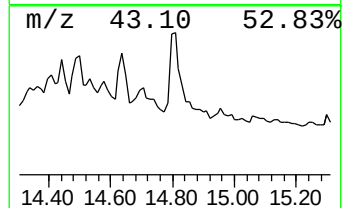
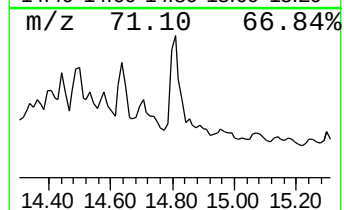
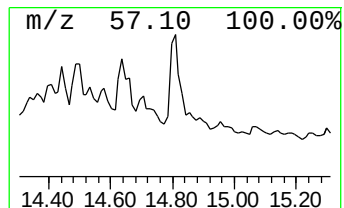
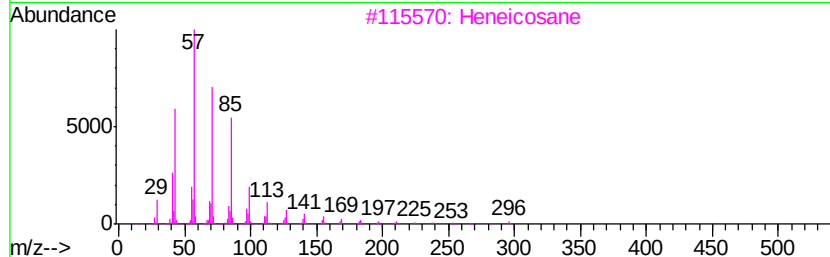
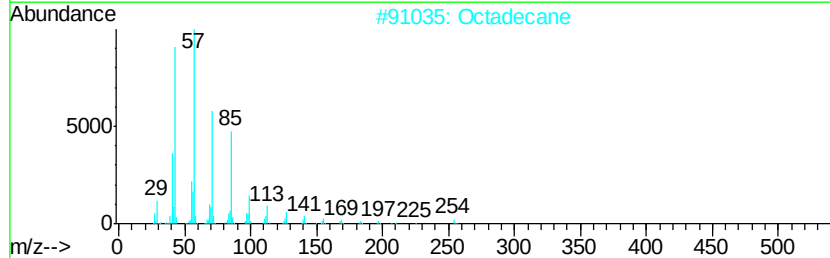
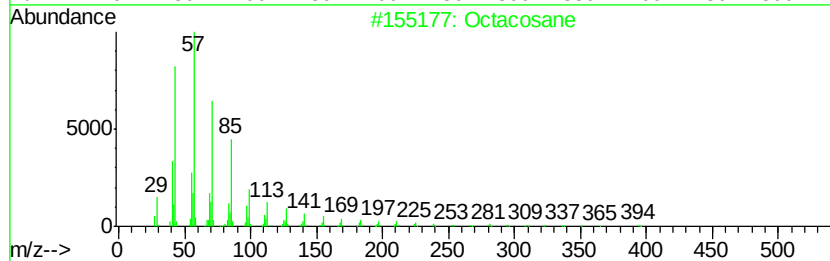
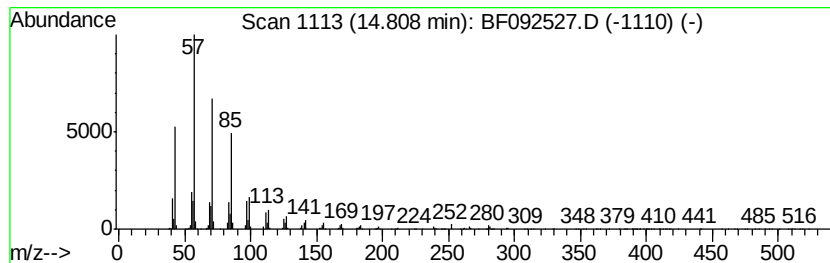
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	100.02 ng	2559970	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092527.D
 Acq On : 26 Jan 2017 15:55
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 Sample : I1312-04 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	16.3	ng	816133	1	6.97	998712	20.0
unknown6.74	6.74	42.7	ng	2132620	1	6.97	998712	20.0
unknown7.39	7.39	4.8	ng	237827	1	6.97	998712	20.0
Hexadecane	8.86	5.2	ng	412280	2	8.27	1595370	20.0
Tridecane, 6-methyl-	9.42	9.4	ng	569103	3	10.03	1204270	20.0
Naphthalene, 1,7-...	9.69	3.8	ng	230290	3	10.03	1204270	20.0
Pentadecane	9.96	6.6	ng	397695	3	10.03	1204270	20.0
Pentadecane, 2,6,...	10.68	3.8	ng	228099	3	10.03	1204270	20.0
Tetradecane	10.93	7.5	ng	493465	4	11.52	1311490	20.0
Tridecane, 4,8-di...	11.38	3.6	ng	233743	4	11.52	1311490	20.0
1-Hexadecene	11.75	4.9	ng	321014	4	11.52	1311490	20.0
Nonadecane	12.50	4.6	ng	301259	4	11.52	1311490	20.0
Cyclopentadecane	12.57	7.1	ng	467067	4	11.52	1311490	20.0
Heneicosane	12.61	3.9	ng	253983	4	11.52	1311490	20.0
Heptadecane, 9-oc...	14.50	44.9	ng	1149590	5	14.17	511882	20.0
Dodecane, 2,6,11-...	14.64	59.0	ng	1509740	5	14.17	511882	20.0
Octacosane	14.81	100.0	ng	2559970	5	14.17	511882	20.0