

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091632.D
 Acq On : 15 Dec 2016 17:01
 Operator : UM/SJ
 Sample : H6012-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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	4.613	217	221	230	rVB2	29426	65544	1.01%	0.107%
2	4.944	247	250	253	rBV	1503750	2140202	32.91%	3.506%
3	5.379	286	288	291	rBV	4143546	5366601	82.52%	8.792%
4	6.419	377	379	382	rBV	4017597	6047813	93.00%	9.908%
5	6.556	388	391	393	rBV	5103579	5924101	91.09%	9.706%
6	6.784	409	411	413	rBV	1901171	1717684	26.41%	2.814%
7	6.944	422	425	427	rBV	3385113	4430826	68.13%	7.259%
8	7.344	457	460	463	rBV	3540222	3363933	51.73%	5.511%
9	8.065	521	523	526	rBV	2146137	2196755	33.78%	3.599%
10	9.150	615	618	620	rBV	6807080	6503286	100.00%	10.654%
11	9.539	650	652	655	rBV	582762	576828	8.87%	0.945%
12	9.733	666	669	671	rBV	59513	120150	1.85%	0.197%
13	9.825	674	677	679	rVB	2847692	2594613	39.90%	4.251%
14	10.236	711	713	714	rBV	79575	69012	1.06%	0.113%
15	10.259	714	715	717	rVB	106178	111234	1.71%	0.182%
16	10.488	731	735	736	rBV	49241	77290	1.19%	0.127%
17	10.613	743	746	748	rBV	2997306	3770839	57.98%	6.178%
18	10.739	755	757	761	rBV	189686	282202	4.34%	0.462%
19	10.933	771	774	778	rBV4	22851	75332	1.16%	0.123%
20	11.185	794	796	797	rBV	273014	249196	3.83%	0.408%
21	11.208	797	798	801	rVB	76362	100197	1.54%	0.164%
22	11.299	804	806	809	rVV	2386790	2315130	35.60%	3.793%
23	11.608	831	833	835	rBV	362928	303779	4.67%	0.498%
24	11.836	851	853	858	rVB2	98590	160750	2.47%	0.263%
25	12.019	865	869	871	rBV	187147	257111	3.95%	0.421%
26	12.294	891	893	897	rVB2	67355	91847	1.41%	0.150%
27	12.408	900	903	904	rVB	132189	146637	2.25%	0.240%
28	12.511	910	912	914	rBV2	81297	100387	1.54%	0.164%
29	12.614	920	921	924	rBV3	48121	109957	1.69%	0.180%
30	12.774	934	935	939	rBV	102696	103441	1.59%	0.169%
31	12.888	943	945	948	rBV	5053569	5322496	81.84%	8.720%
32	13.128	963	966	968	rBV	85682	100741	1.55%	0.165%
33	13.174	968	970	971	rBV	49683	69318	1.07%	0.114%
34	13.254	975	977	979	rVV	66356	85673	1.32%	0.140%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.334	982	984	987	rBV3	45253	114957	1.77%	0.188%
36	13.471	994	996	998	rBV	85357	86558	1.33%	0.142%
37	13.585	1004	1006	1011	rVB2	63609	111026	1.71%	0.182%
38	13.791	1020	1024	1029	rBV2	237345	412075	6.34%	0.675%
39	13.928	1034	1036	1039	rVB	1426156	1921495	29.55%	3.148%
40	14.111	1050	1052	1057	rBV3	42015	96074	1.48%	0.157%
41	14.717	1103	1105	1108	rVB	58645	67088	1.03%	0.110%
42	15.037	1131	1133	1136	rVB	78658	105842	1.63%	0.173%
43	15.345	1157	1160	1162	rBV	1248113	1703642	26.20%	2.791%
44	15.391	1162	1164	1170	rVB	102169	161871	2.49%	0.265%
45	15.791	1196	1199	1202	rBV	140986	206073	3.17%	0.338%
46	16.260	1237	1240	1244	rBV	142452	247960	3.81%	0.406%
47	16.808	1284	1288	1291	rBV	111849	227318	3.50%	0.372%
48	17.448	1340	1344	1351	rVB	102430	259832	4.00%	0.426%
49	18.214	1407	1411	1415	rVB2	61049	160669	2.47%	0.263%
50	19.117	1486	1490	1498	rVB2	52875	205179	3.16%	0.336%

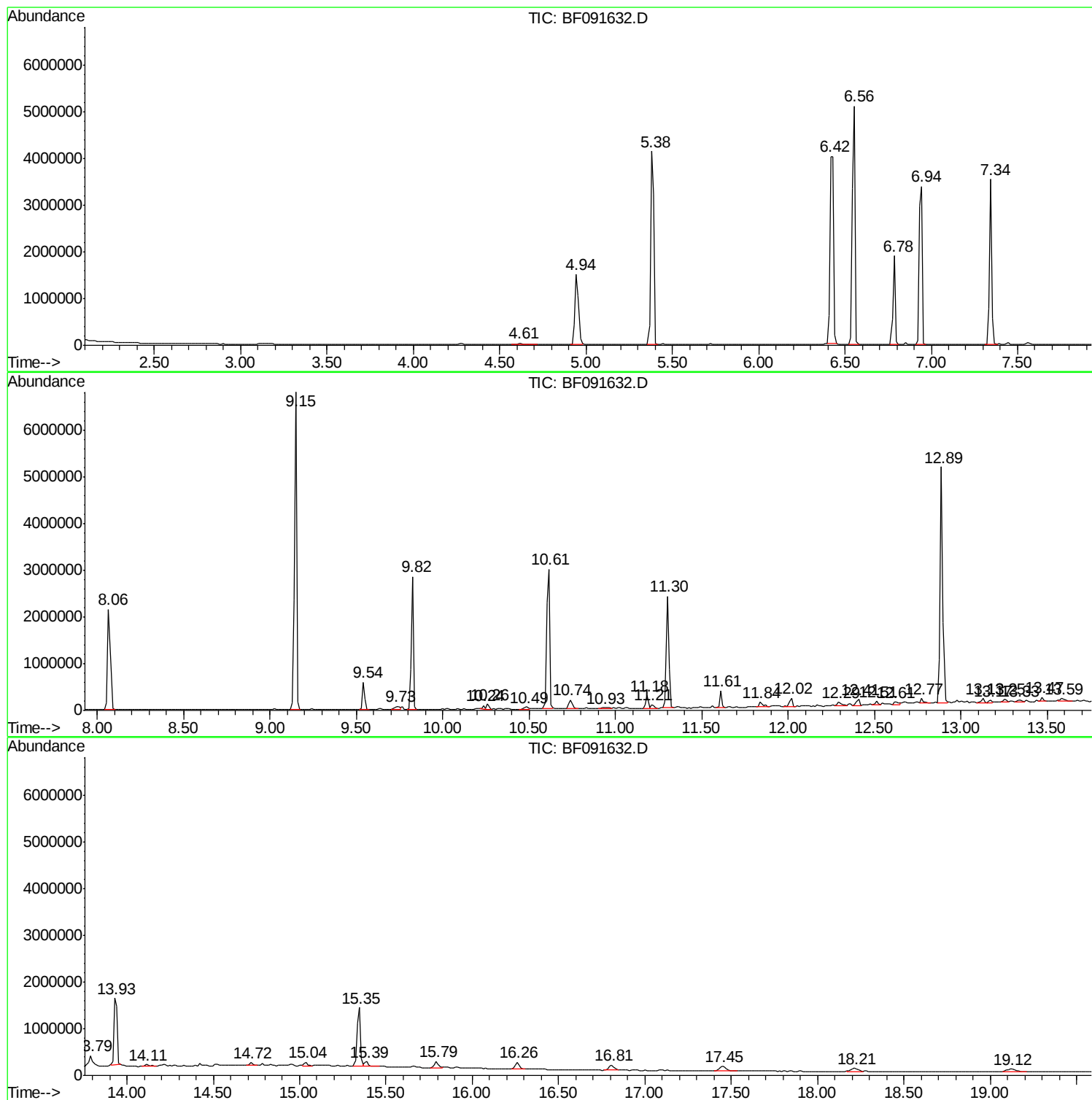
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ClientSampled :
SB-3-4-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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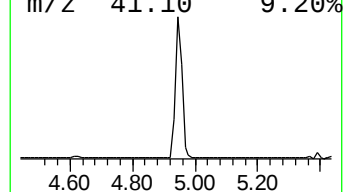
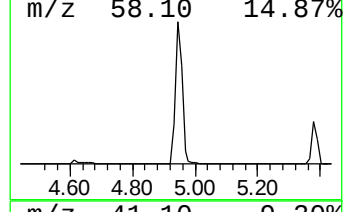
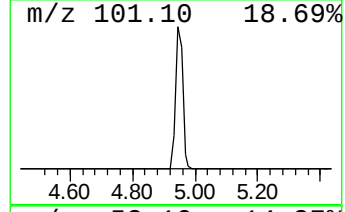
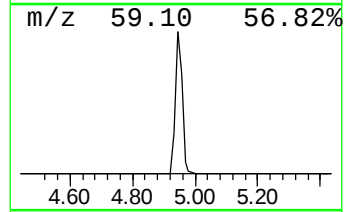
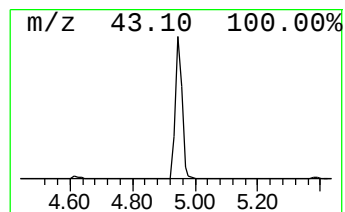
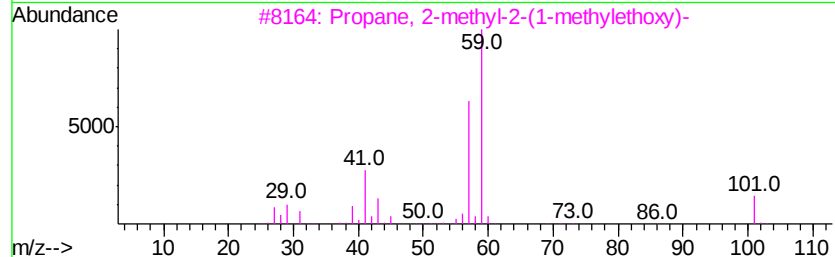
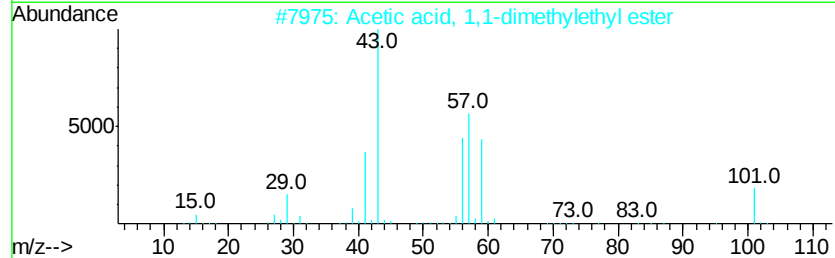
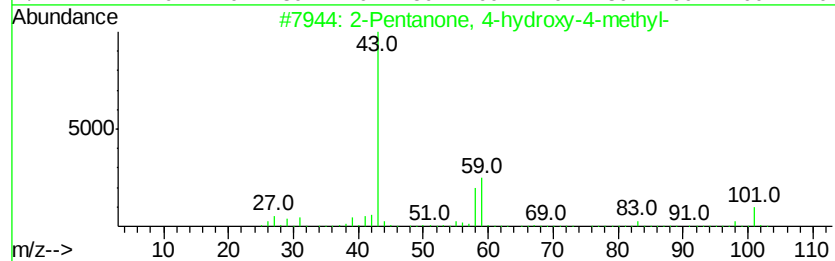
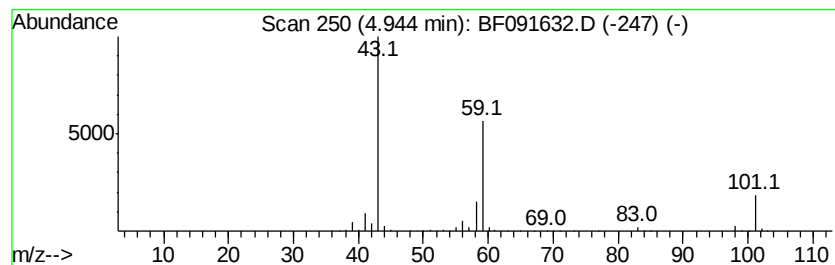
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	24.92 ng	2140200	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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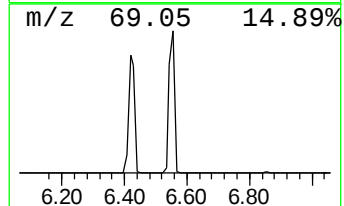
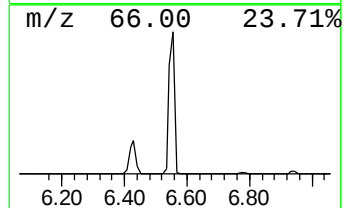
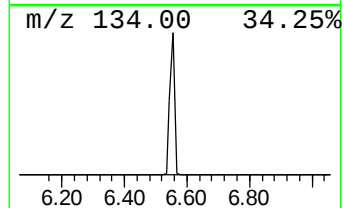
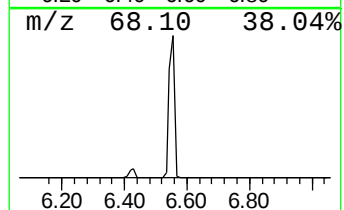
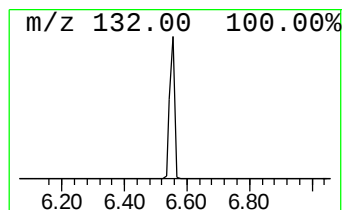
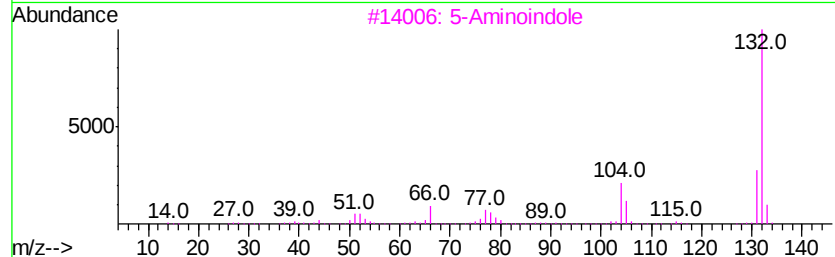
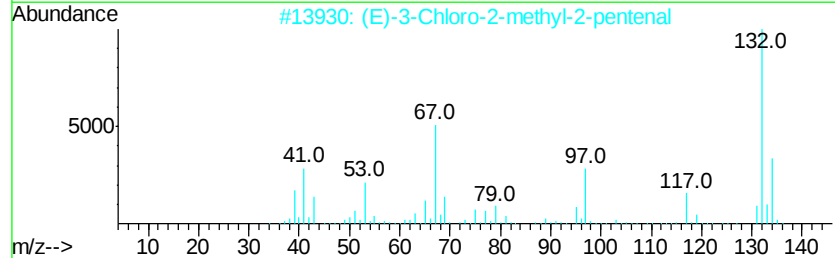
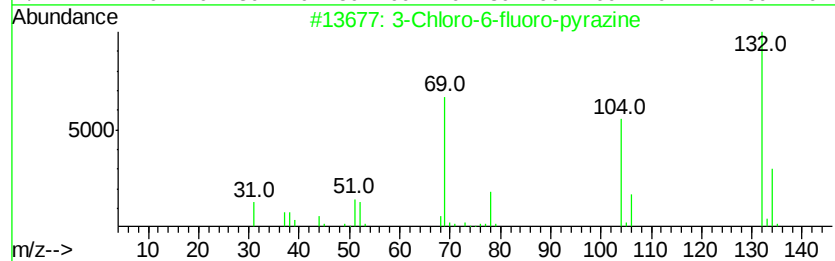
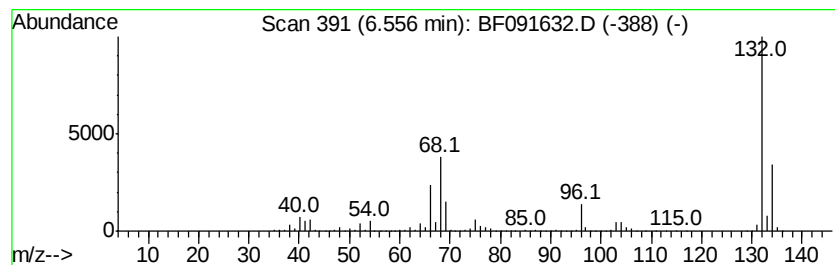
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	68.98 ng	5924100	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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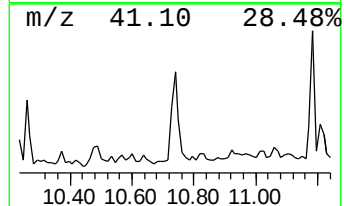
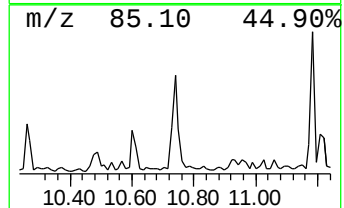
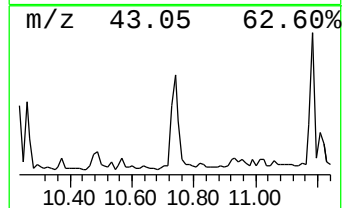
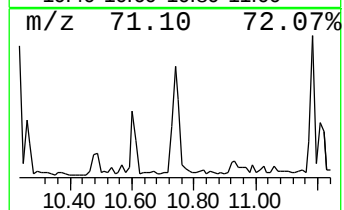
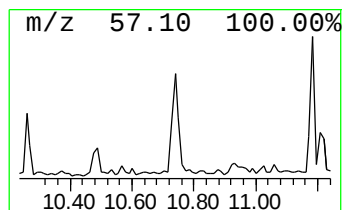
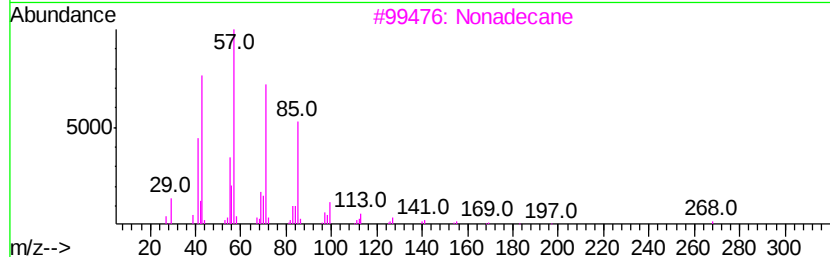
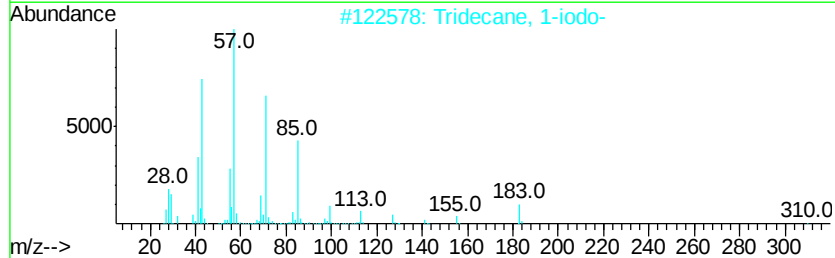
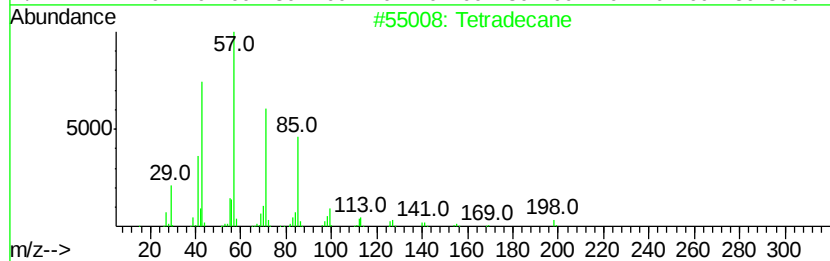
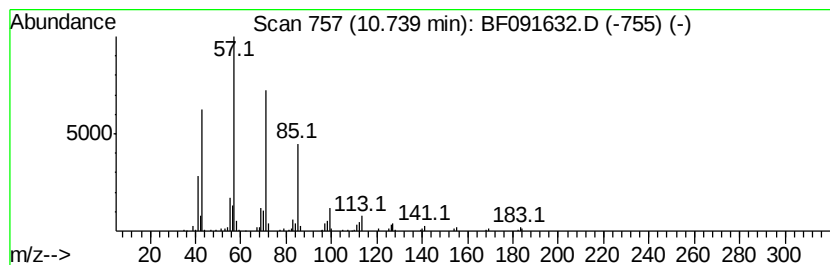
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.44 ng	282202	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3		Nonadecane	268	C19H40	000629-92-5	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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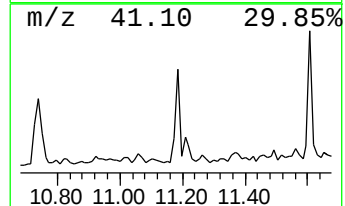
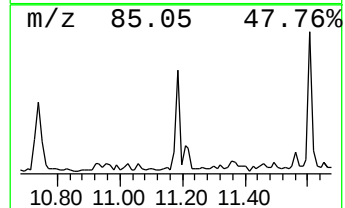
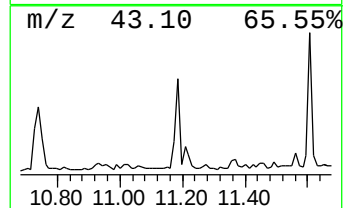
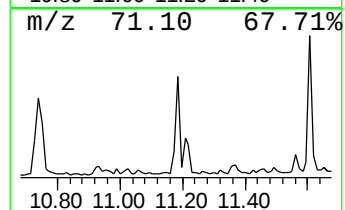
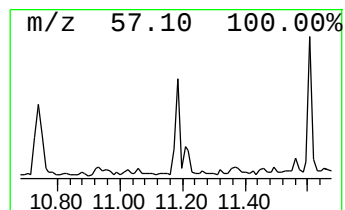
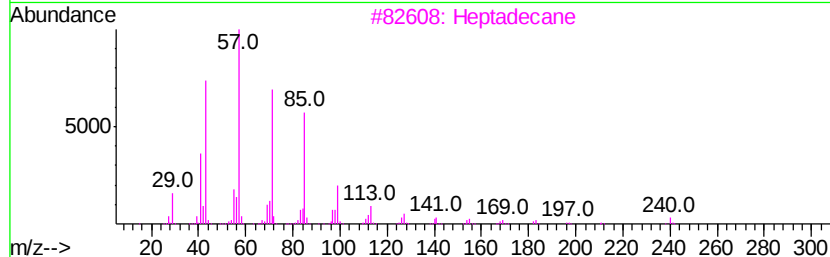
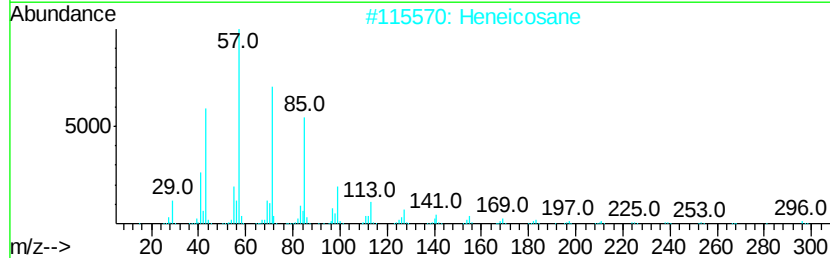
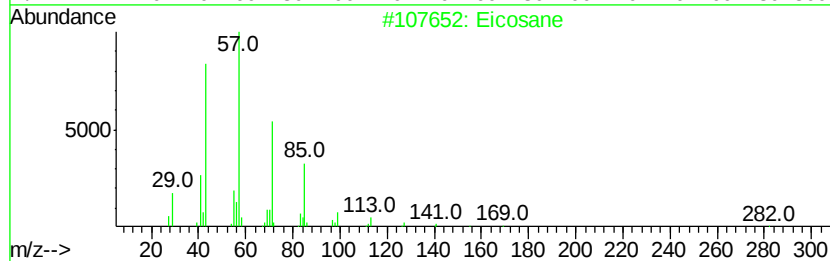
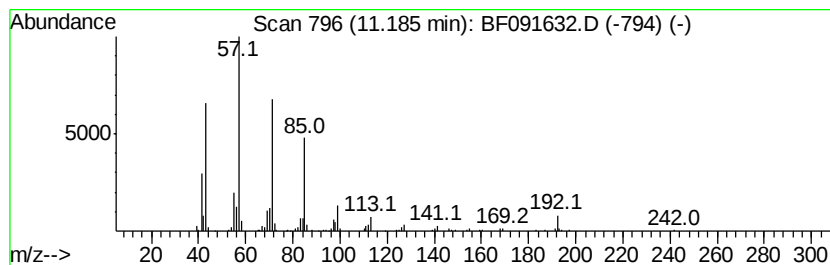
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.15 ng	249196	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane	212	C15H32	000629-62-9	87



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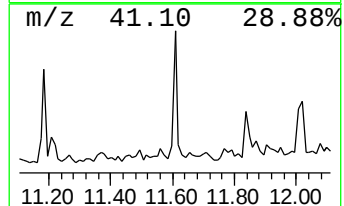
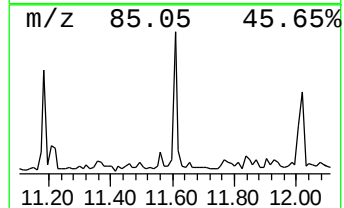
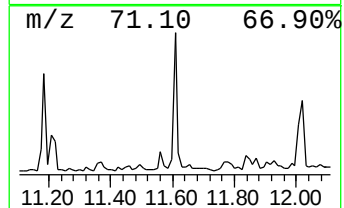
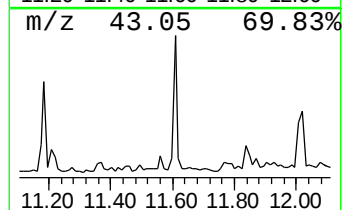
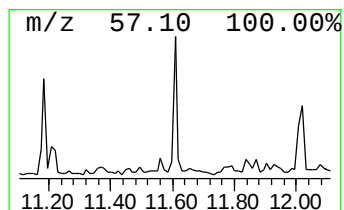
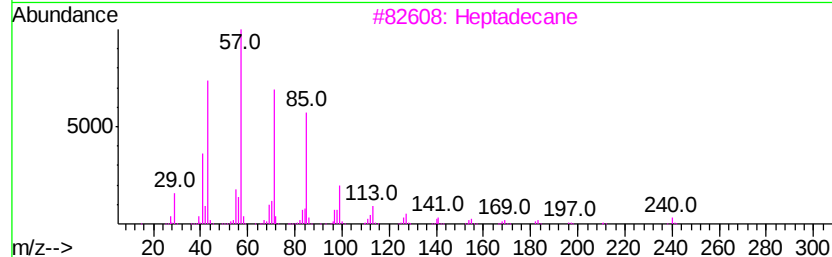
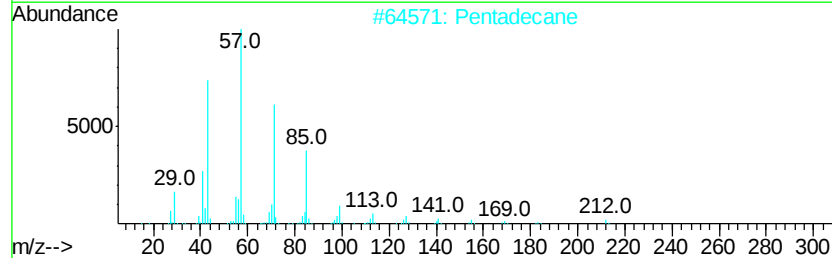
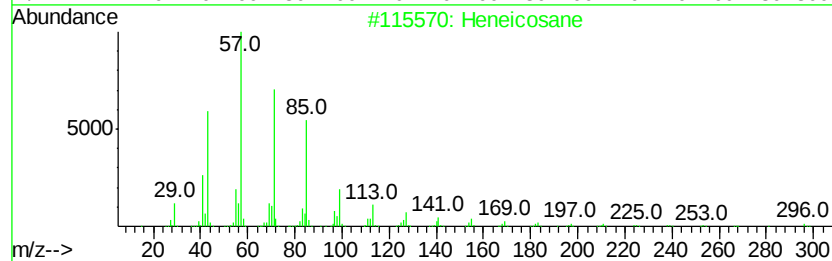
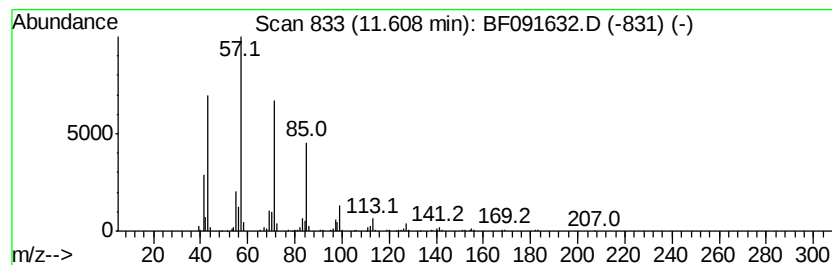
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.62 ng	303779	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091632.D
Acq On : 15 Dec 2016 17:01
Operator : UM/SJ
Sample : H6012-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3-4-5

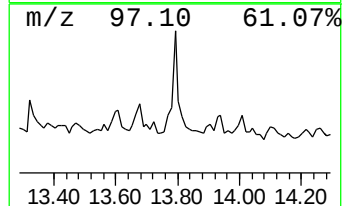
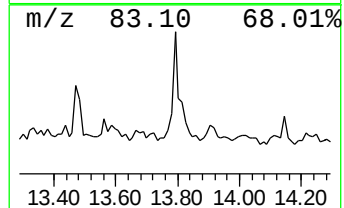
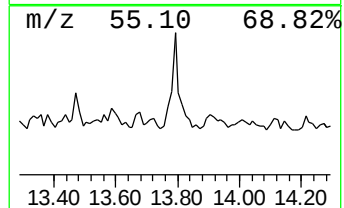
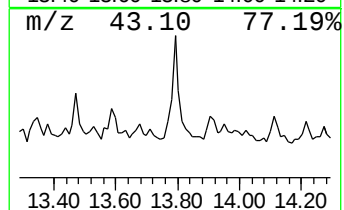
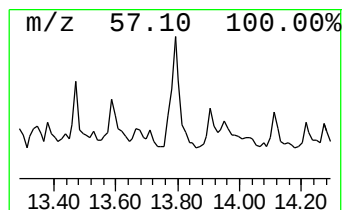
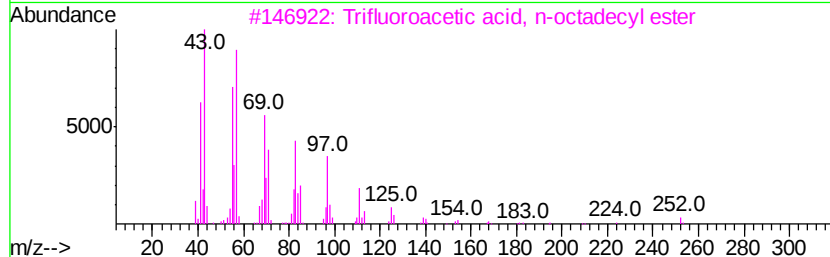
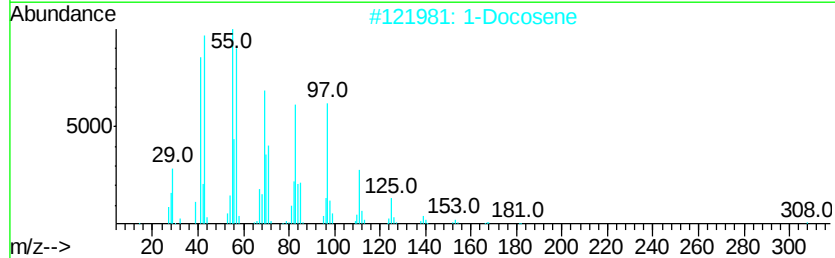
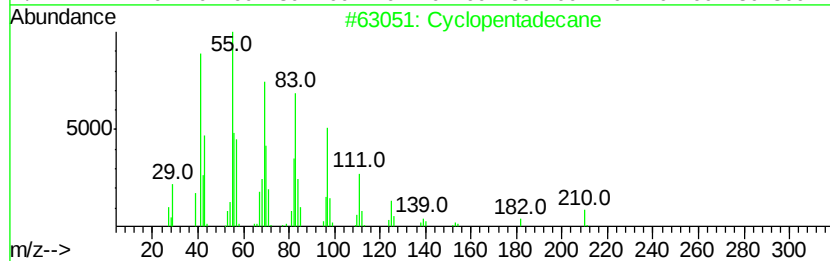
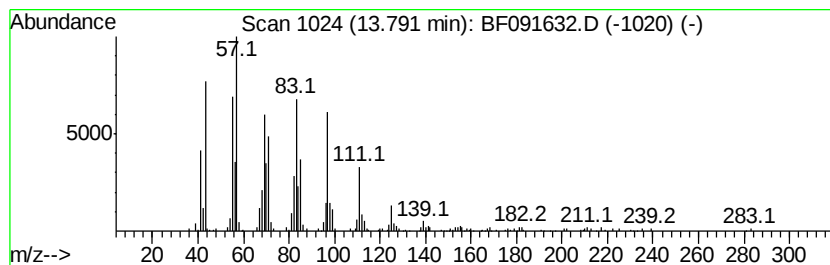
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.29 ng	412075	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		1-Docosene	308	C22H44	001599-67-3	91
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4		Heptafluorobutanoic acid, heptadecyl...	452	C21H35F7O2	1000282-97-3	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091632.D
Acq On : 15 Dec 2016 17:01
Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-4-5

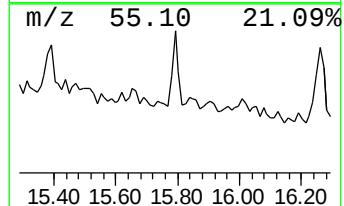
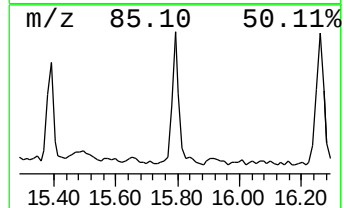
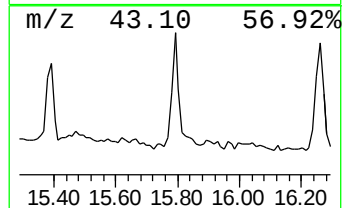
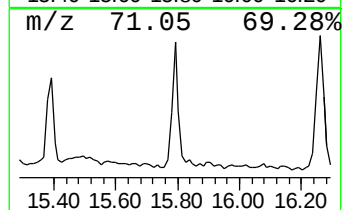
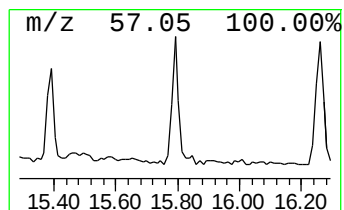
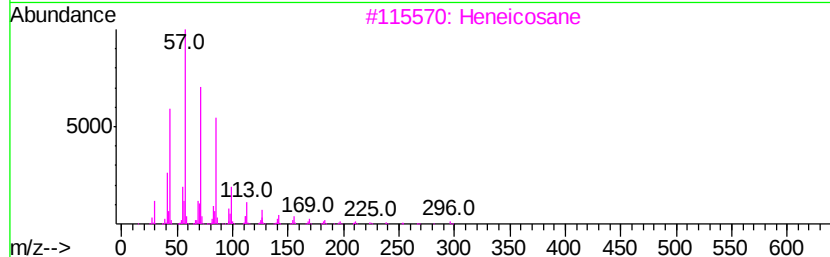
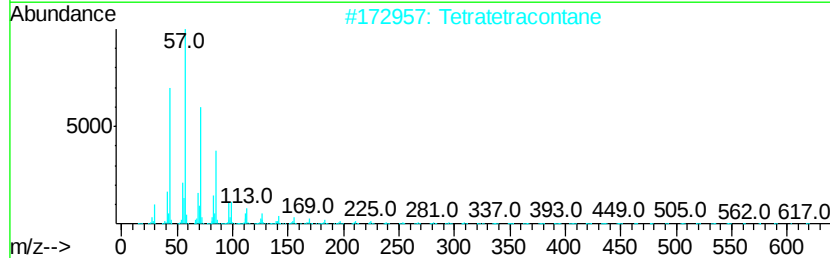
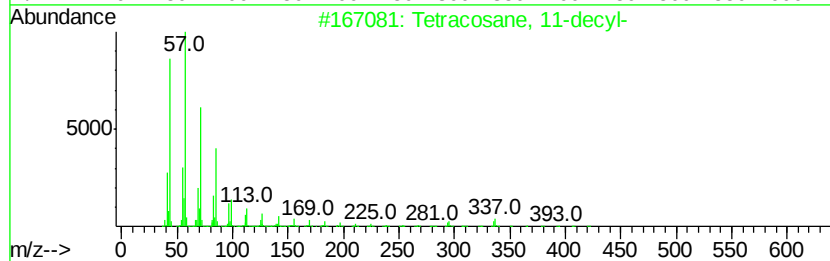
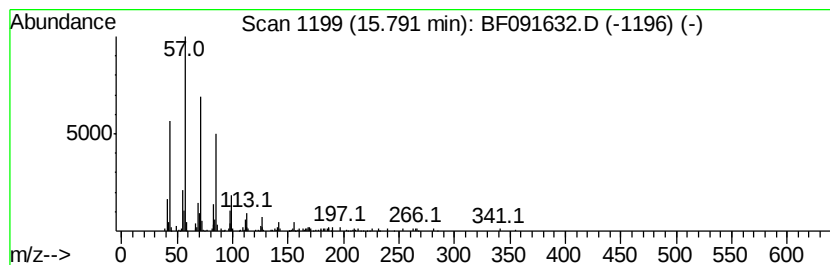
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane, 11-decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.42 ng	206073	Perylene-d12	15.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091632.D
Acq On : 15 Dec 2016 17:01
Operator : UM/SJ
Sample : H6012-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-3-4-5

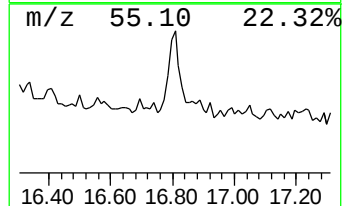
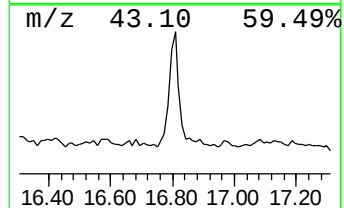
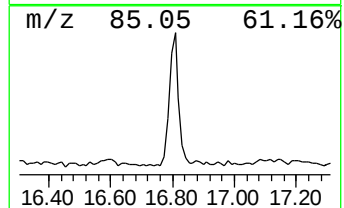
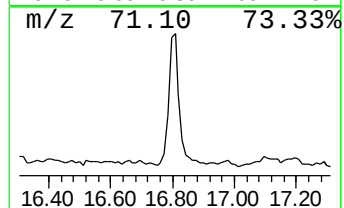
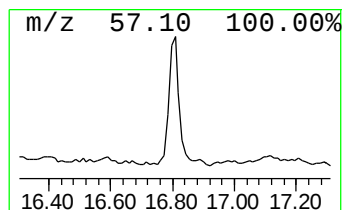
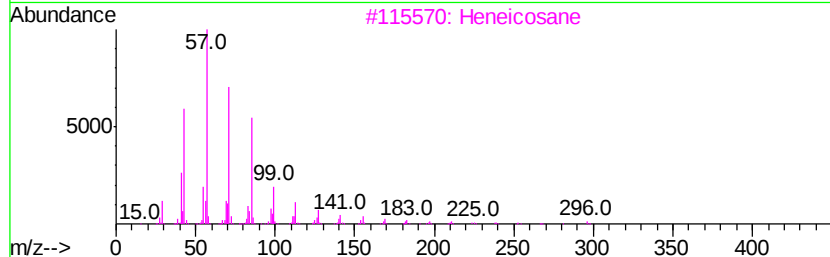
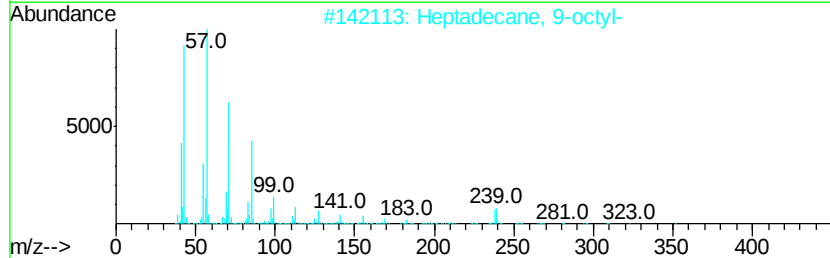
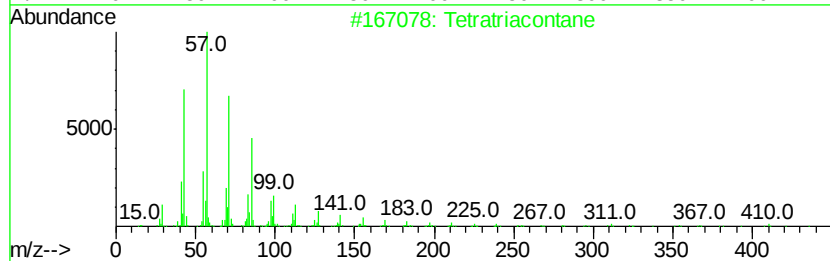
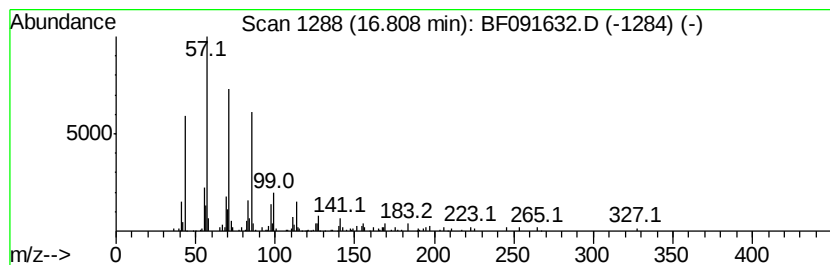
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	2.67 ng	227318	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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Operator : UM/SJ
Sample : H6012-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.94	24.9	ng	2140200	1	6.78	1717680	20.0
unknown6.56	6.56	69.0	ng	5924100	1	6.78	1717680	20.0
Tetradecane	10.74	2.4	ng	282202	4	11.30	2315130	20.0
Eicosane	11.18	2.1	ng	249196	4	11.30	2315130	20.0
Heneicosane	11.61	2.6	ng	303779	4	11.30	2315130	20.0
Cyclopentadecane	13.79	4.3	ng	412075	5	13.94	1921500	20.0
Tetracosane, 11-d...	15.79	2.4	ng	206073	6	15.35	1703640	20.0
Tetratriacontane	16.81	2.7	ng	227318	6	15.35	1703640	20.0