

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091740.D
 Acq On : 18 Dec 2016 17:02
 Operator : UM/SJ
 Sample : H6125-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16

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-BF121716.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	3.093	87	88	107	rBV4	33012	137025	1.28%	0.145%
2	4.281	190	192	195	rBV	98205	136107	1.27%	0.144%
3	4.956	247	251	263	rBV	3053739	5598711	52.12%	5.933%
4	5.379	285	288	291	rBV	7207152	10742435	100.00%	11.383%
5	6.030	344	345	347	rVB	80920	107467	1.00%	0.114%
6	6.419	375	379	382	rBV2	7138884	9913103	92.28%	10.504%
7	6.544	386	390	392	rBV	7421613	10073191	93.77%	10.674%
8	6.762	407	409	412	rBV	1761994	1867277	17.38%	1.979%
9	6.922	420	423	426	rBV	6061807	6566694	61.13%	6.958%
10	7.333	455	459	461	rBV	4628536	5753260	53.56%	6.096%
11	7.436	464	468	473	rVB	161612	183669	1.71%	0.195%
12	8.053	519	522	524	rBV	2607382	2669372	24.85%	2.829%
13	9.128	613	616	619	rBV	6229674	9751160	90.77%	10.333%
14	9.528	648	651	653	rBV	1535281	1468328	13.67%	1.556%
15	9.802	672	675	678	rBV	3110345	2900563	27.00%	3.074%
16	10.213	709	711	713	rBV2	85645	173452	1.61%	0.184%
17	10.248	713	714	716	rVB	203716	139895	1.30%	0.148%
18	10.465	730	733	736	rBV	90406	134042	1.25%	0.142%
19	10.591	741	744	747	rBV2	4143866	6545779	60.93%	6.936%
20	10.716	753	755	760	rVB	346248	412354	3.84%	0.437%
21	11.162	792	794	796	rBV	371185	343885	3.20%	0.364%
22	11.288	802	805	807	rVV	2753225	2811692	26.17%	2.979%
23	11.585	829	831	833	rBV	280217	343265	3.20%	0.364%
24	11.825	850	852	855	rBV	410312	541068	5.04%	0.573%
25	11.996	863	867	869	rBV3	185890	335002	3.12%	0.355%
26	12.065	872	873	877	rVV4	77048	137810	1.28%	0.146%
27	12.145	877	880	882	rBV	92996	170187	1.58%	0.180%
28	12.236	886	888	890	rVV	149435	160469	1.49%	0.170%
29	12.534	912	914	917	rVB2	181091	239655	2.23%	0.254%
30	12.705	927	929	932	rVB2	191555	199537	1.86%	0.211%
31	12.877	941	944	947	rVB	6868432	7855035	73.12%	8.324%
32	13.002	953	955	959	rVB	191109	200579	1.87%	0.213%
33	13.334	982	984	986	rVV	140253	126310	1.18%	0.134%
34	13.402	989	990	992	rVB	113244	117921	1.10%	0.125%

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SB-49(22.5-24.5)-12-14-16

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

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35	13.768	1020	1022	1026	rBV2	479489	710648	6.62%	0.753%
36	13.917	1032	1035	1037	rBV	2628836	2496970	23.24%	2.646%
37	14.408	1073	1078	1081	rBV2	93083	169480	1.58%	0.180%
38	15.322	1155	1158	1160	rBV	1537231	2021595	18.82%	2.142%
39	15.814	1198	1201	1205	rVB2	52247	115116	1.07%	0.122%

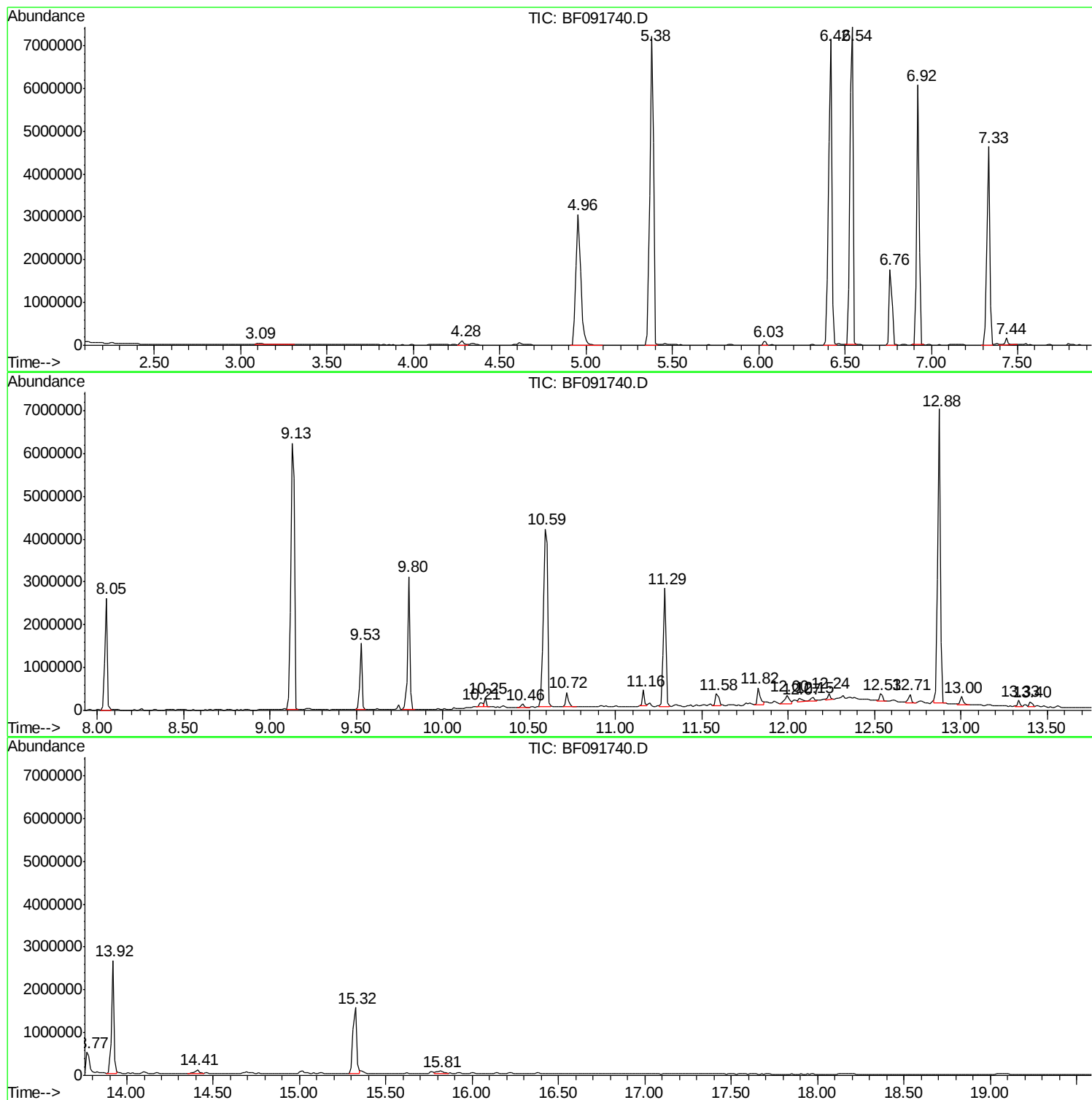
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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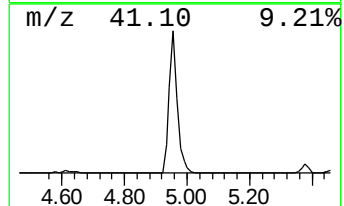
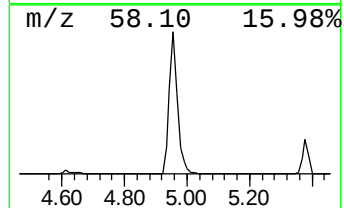
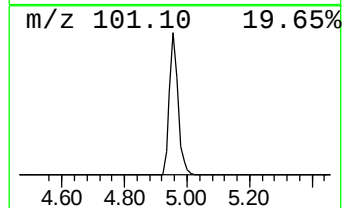
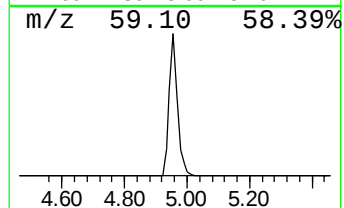
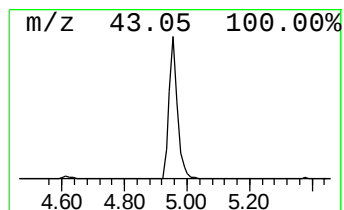
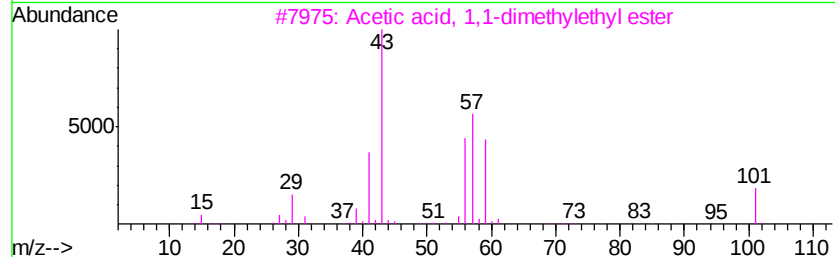
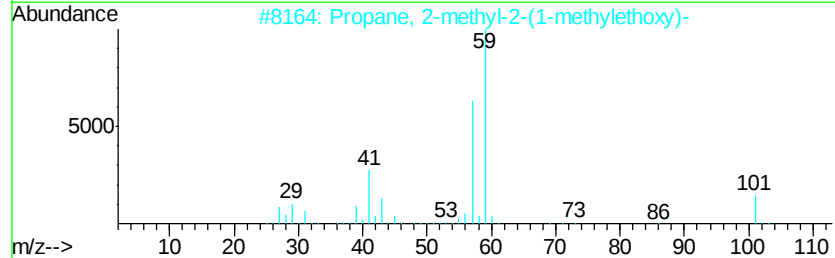
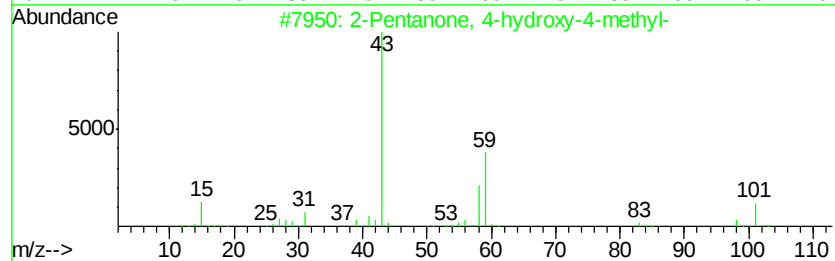
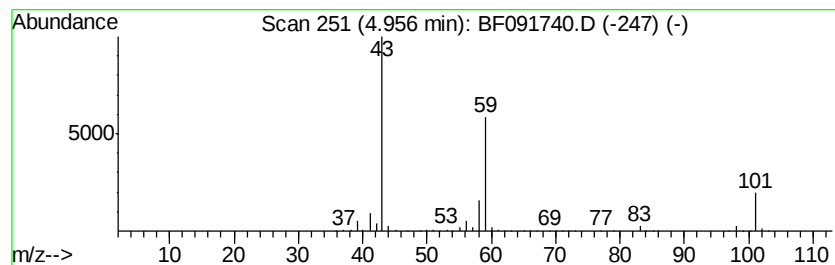
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.		
4.96	59.97 ng	5598710	1,4-Dichlorobenzene-d4	6.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	53	
3	Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	39	
4	Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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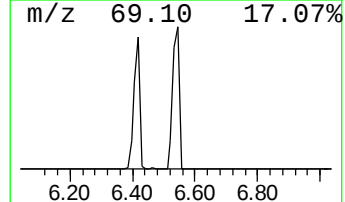
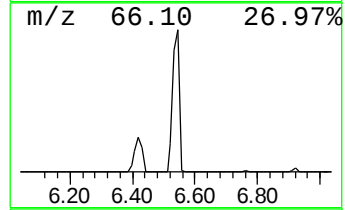
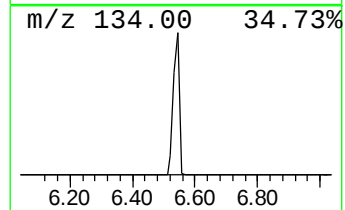
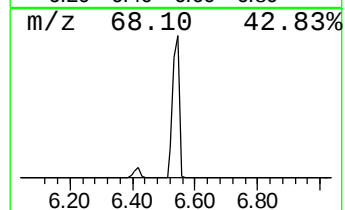
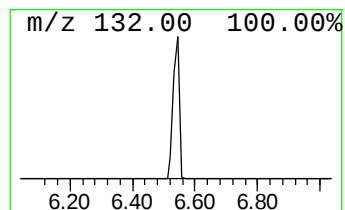
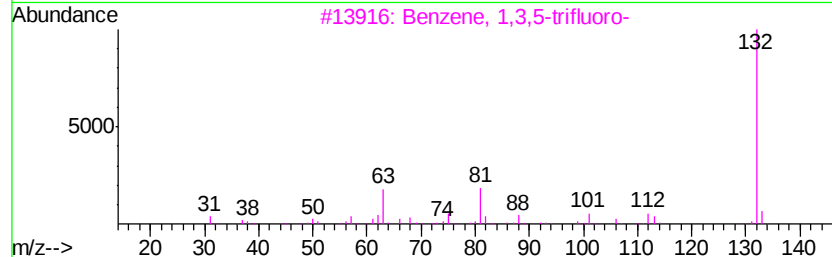
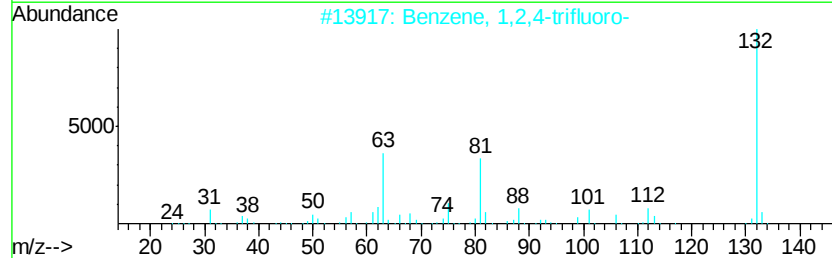
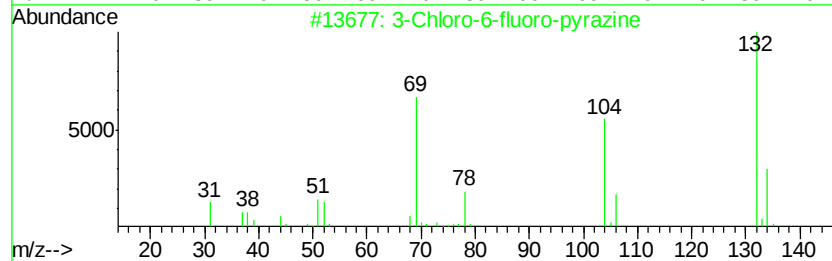
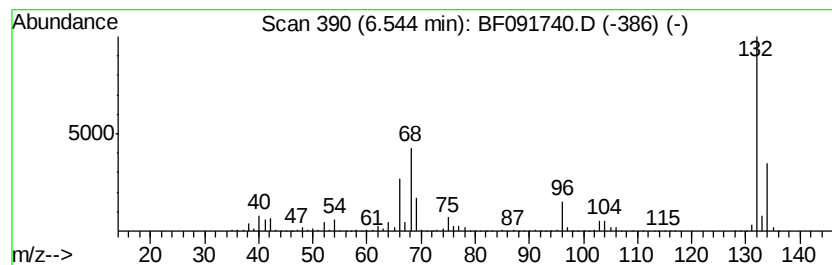
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	107.89 ng	10073200	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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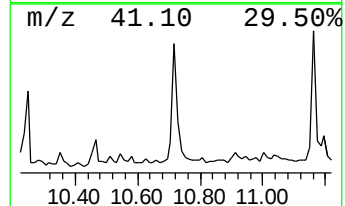
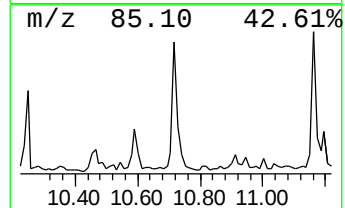
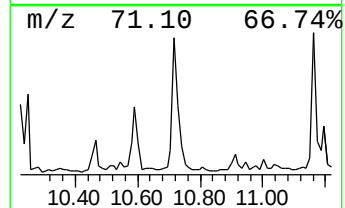
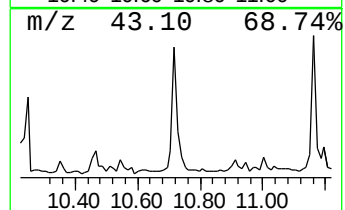
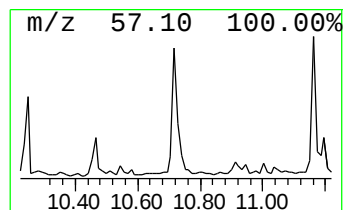
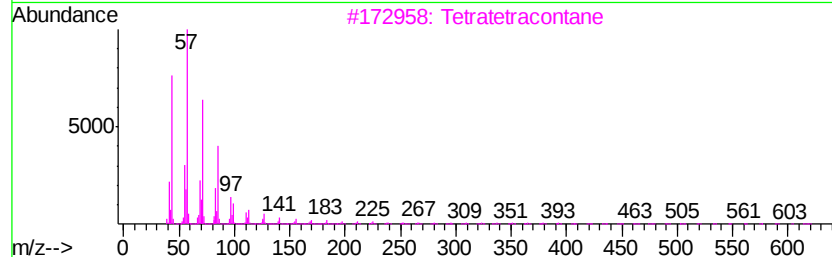
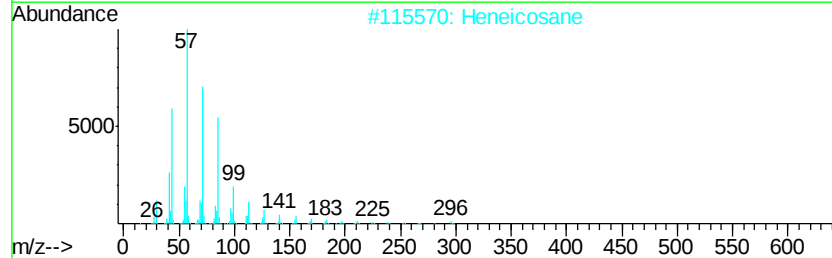
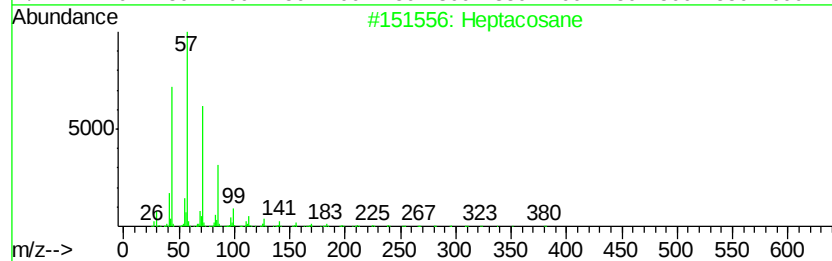
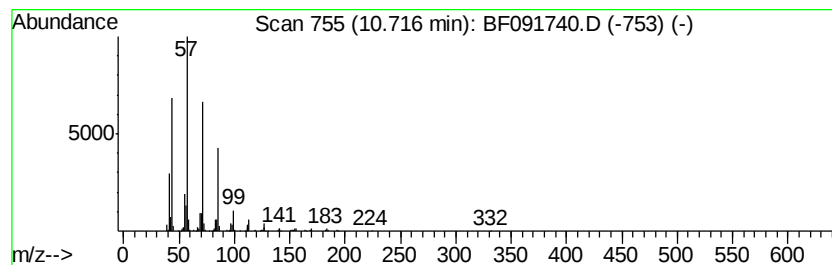
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.72	2.93 ng	412354	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	90



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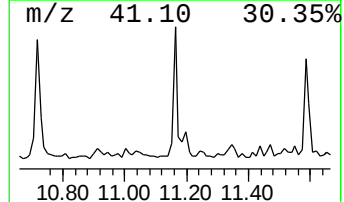
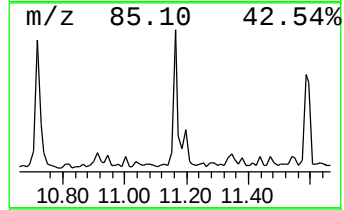
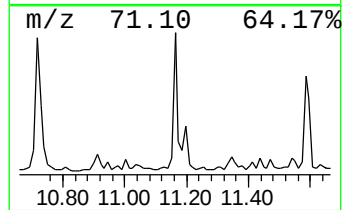
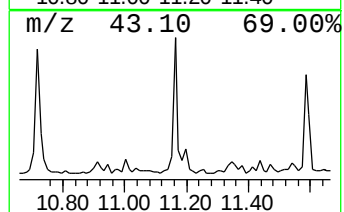
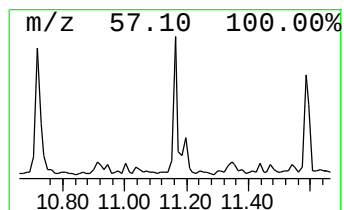
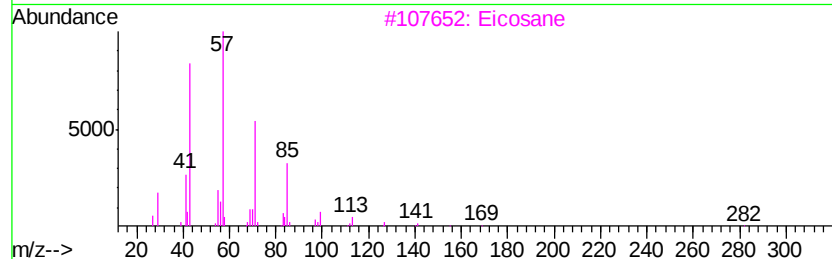
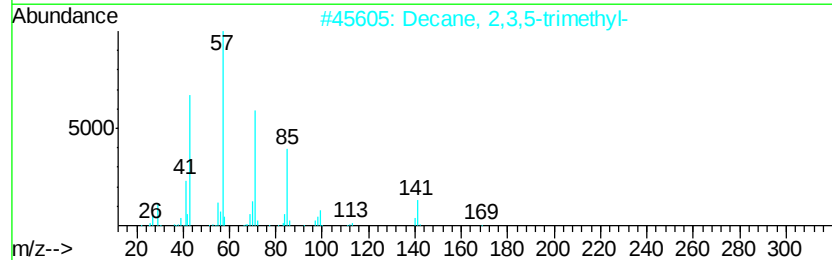
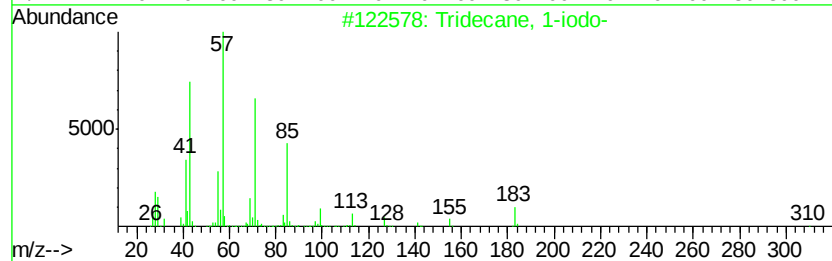
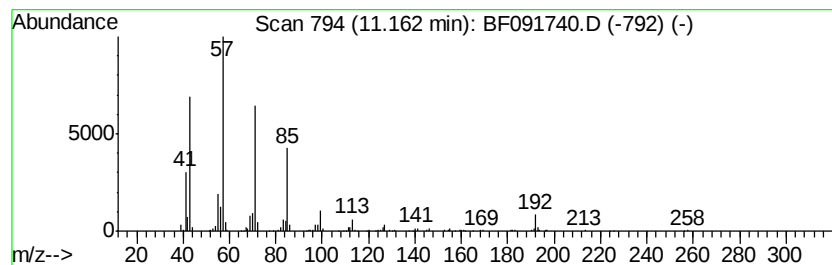
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Peak Number 5 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.16	2.45 ng	343885	Phenanthrene-d10		11.29	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3		Eicosane	282	C20H42	000112-95-8	74
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5		Hexadecane	226	C16H34	000544-76-3	72



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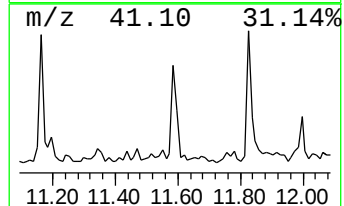
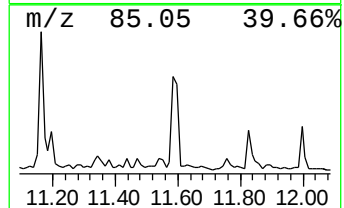
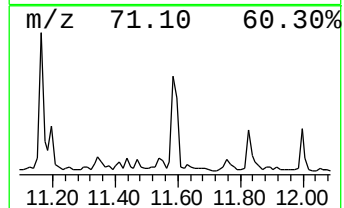
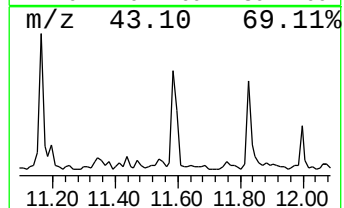
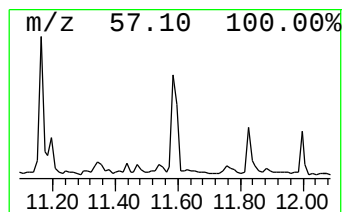
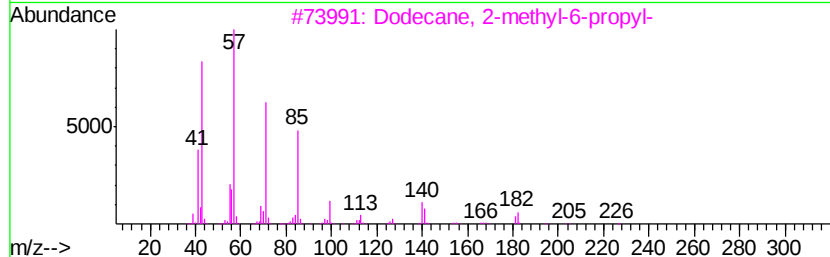
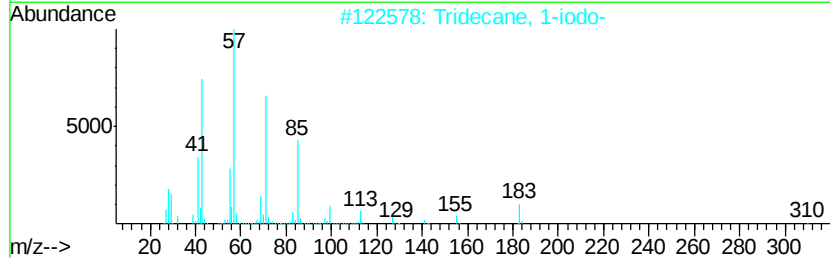
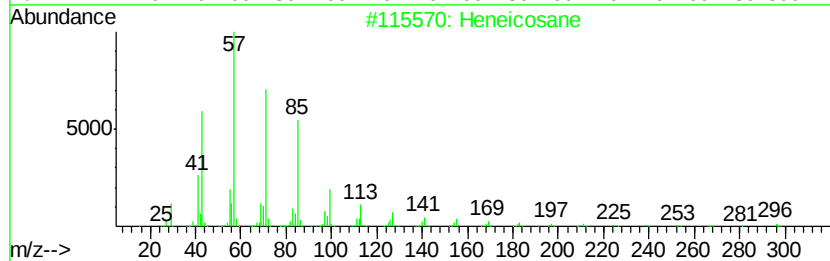
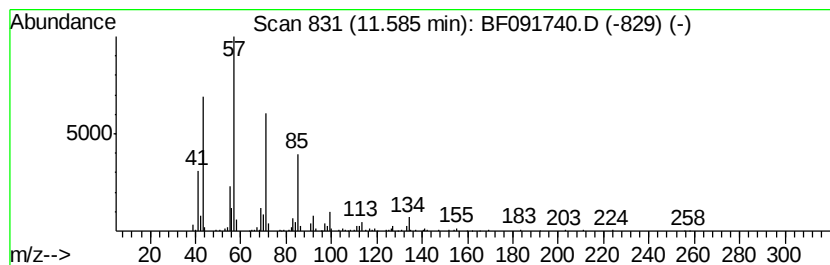
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Peak Number 6 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.59	2.44 ng	343265	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Eicosane	282	C20H42	000112-95-8	68
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121816\
Data File : BF091740.D
Acq On : 18 Dec 2016 17:02
Operator : UM/SJ
Sample : H6125-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

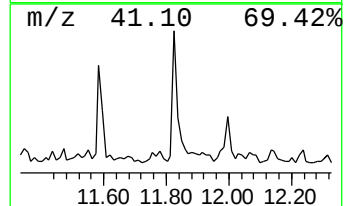
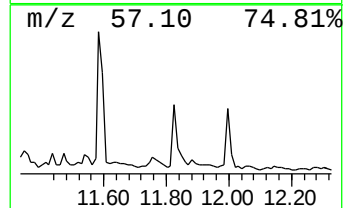
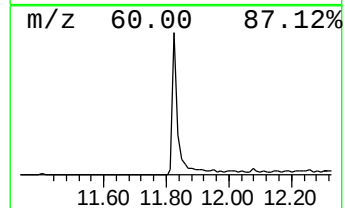
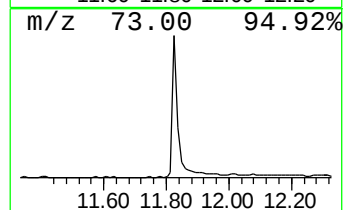
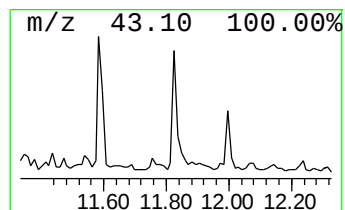
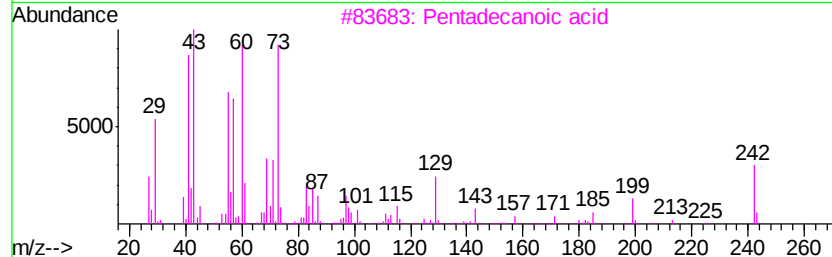
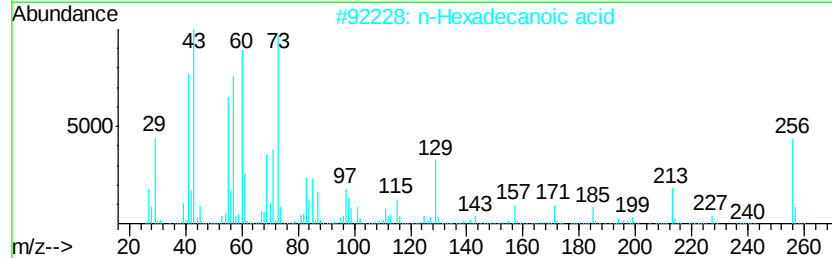
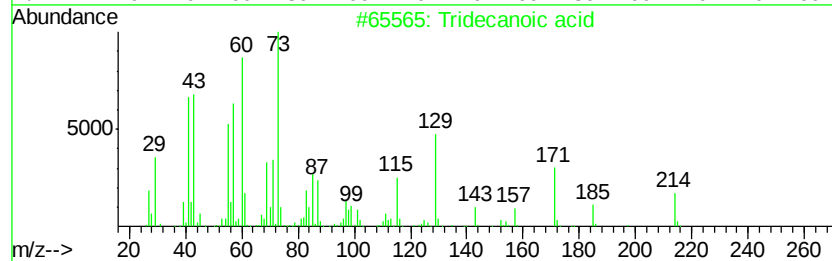
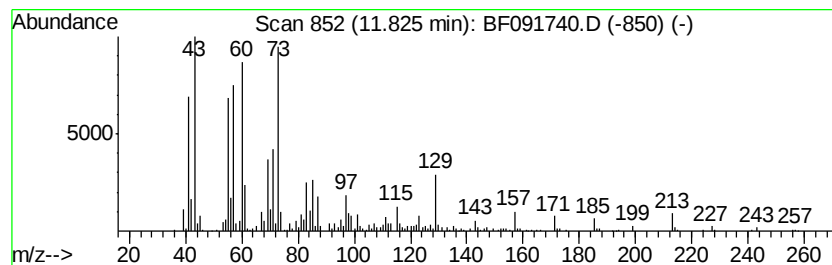
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.85 ng	541068	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091740.D
Acq On : 18 Dec 2016 17:02
Operator : UM/SJ
Sample : H6125-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

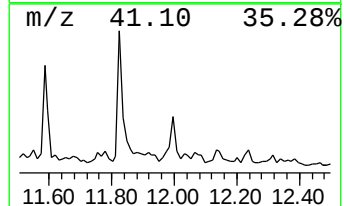
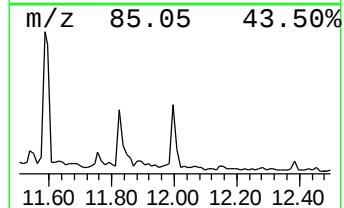
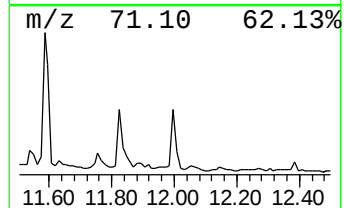
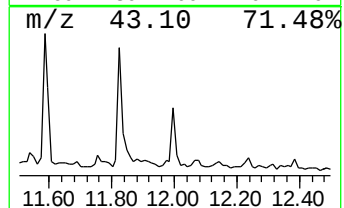
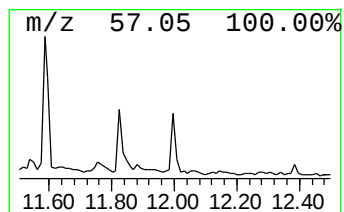
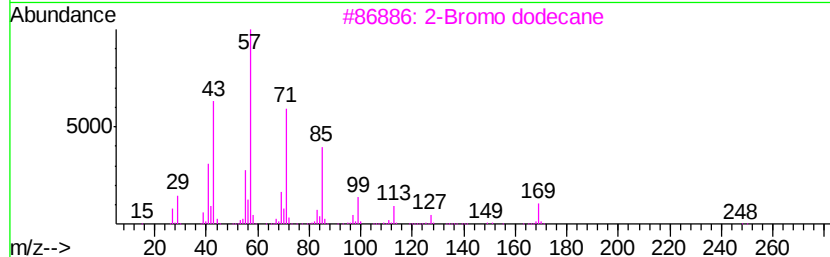
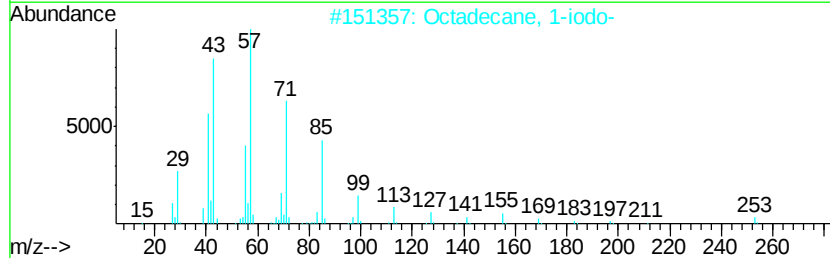
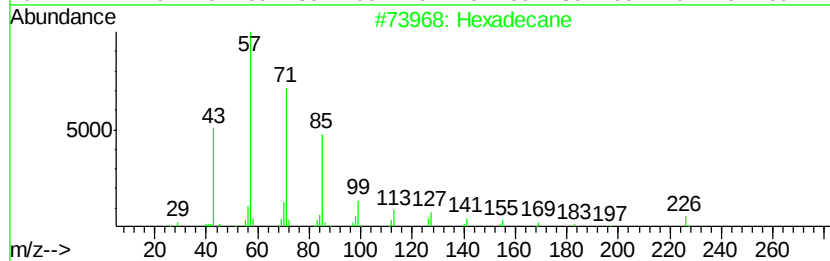
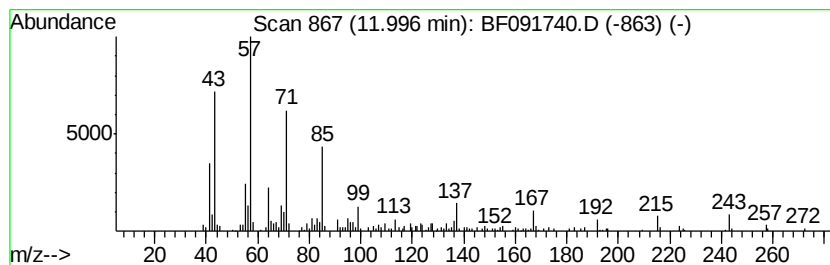
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	2.38 ng	335002	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5	Heptadecane	240	C17H36	000629-78-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091740.D
Acq On : 18 Dec 2016 17:02
Operator : UM/SJ
Sample : H6125-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

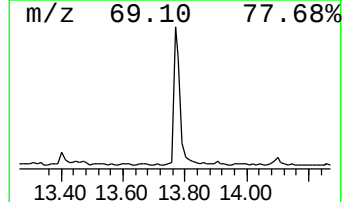
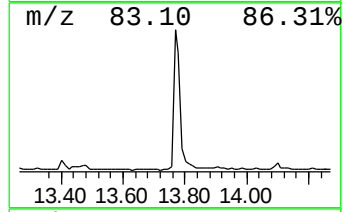
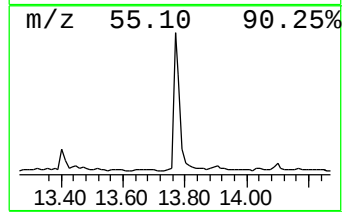
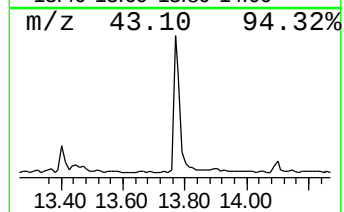
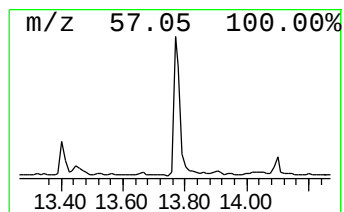
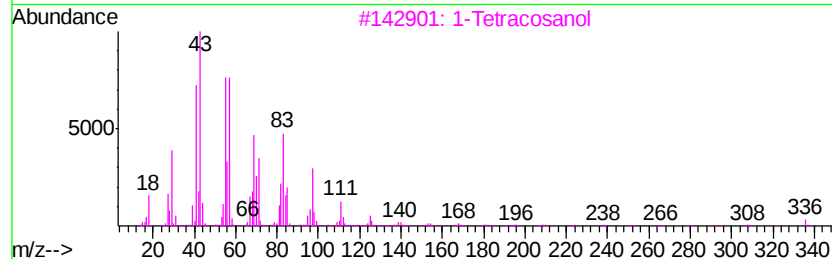
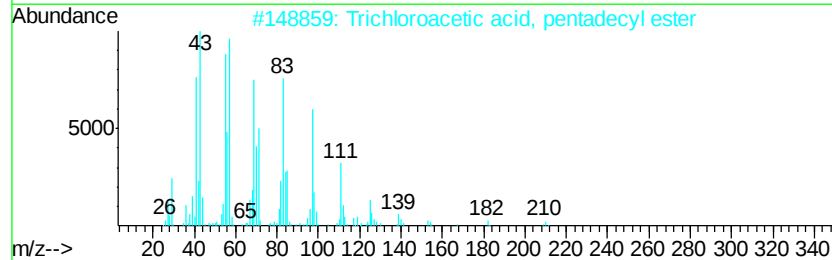
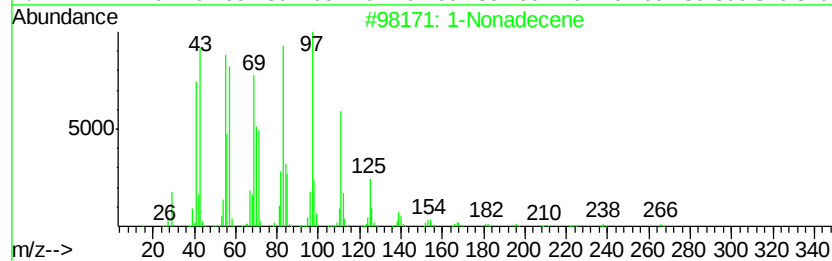
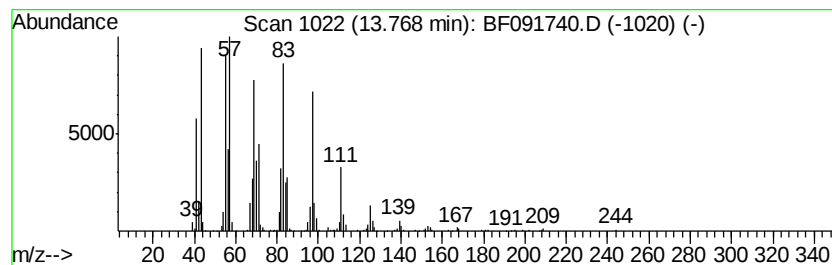
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.69 ng	710648	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 91
2	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 91
3	1-Tetracosanol		354 C24H50O	000506-51-4 91
4	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 91
5	11-Tricosene		322 C23H46	052078-56-5 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121816\
Data File : BF091740.D
Acq On : 18 Dec 2016 17:02
Operator : UM/SJ
Sample : H6125-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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...	4.96	60.0	ng	5598710	1	6.76	1867280	20.0
unknown6.54	6.54	107.9	ng	10073200	1	6.76	1867280	20.0
Heptacosane	10.72	2.9	ng	412354	4	11.29	2811690	20.0
Tridecane, 1-iodo-	11.16	2.5	ng	343885	4	11.29	2811690	20.0
Heneicosane	11.59	2.4	ng	343265	4	11.29	2811690	20.0
Tridecanoic acid	11.83	3.9	ng	541068	4	11.29	2811690	20.0
Hexadecane	12.00	2.4	ng	335002	4	11.29	2811690	20.0
1-Nonadecene	13.77	5.7	ng	710648	5	13.92	2496970	20.0