

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090009.D
 Acq On : 7 Sep 2016 17:14
 Operator : UM/SJ
 Sample : H4676-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-8

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-BF083116.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	1.736	11	13	53	rVB	1373948	3379118	70.09%	6.975%
2	4.742	273	276	290	rBV	576893	1087214	22.55%	2.244%
3	5.187	312	315	318	rBV	2767796	3940096	81.72%	8.132%
4	6.262	406	409	417	rBV	3145967	4503301	93.40%	9.295%
5	6.376	417	419	422	rBV	3009194	4383584	90.92%	9.048%
6	6.616	437	440	451	rVB	996422	1110147	23.03%	2.291%
7	6.765	451	453	456	rBV	2311737	3260952	67.64%	6.731%
8	7.188	487	490	492	rBV	2461176	2986925	61.95%	6.165%
9	7.896	550	552	555	rBV	1256442	1415006	29.35%	2.921%
10	8.856	634	636	638	rBV	85447	79479	1.65%	0.164%
11	8.982	644	647	649	rBV	4873078	4821319	100.00%	9.951%
12	9.096	656	657	659	rVB	159805	140433	2.91%	0.290%
13	9.313	673	676	678	rBV	1311895	1212817	25.16%	2.503%
14	9.382	678	682	684	rBV	496231	893943	18.54%	1.845%
15	9.565	696	698	699	rBV	67536	63282	1.31%	0.131%
16	9.645	699	705	707	rVV	1933341	2025018	42.00%	4.180%
17	9.679	707	708	712	rVV	138883	173790	3.60%	0.359%
18	9.782	714	717	718	rVV	219412	243401	5.05%	0.502%
19	9.816	718	720	722	rVB2	72585	96307	2.00%	0.199%
20	9.919	727	729	731	rBV	52664	55613	1.15%	0.115%
21	10.102	741	745	746	rBV2	90000	135972	2.82%	0.281%
22	10.159	746	750	753	rVB	479959	509212	10.56%	1.051%
23	10.319	760	764	765	rBV	41055	72751	1.51%	0.150%
24	10.342	765	766	770	rVB	143573	145121	3.01%	0.300%
25	10.434	771	774	776	rBV2	2038091	2940721	60.99%	6.070%
26	10.571	782	786	789	rVB	130391	214024	4.44%	0.442%
27	11.016	822	825	826	rBV2	79740	92491	1.92%	0.191%
28	11.119	831	834	836	rBV	1423968	1752254	36.34%	3.617%
29	11.439	859	862	868	rVB	41665	56193	1.17%	0.116%
30	11.668	881	882	887	rBV2	112563	129930	2.69%	0.268%
31	12.697	970	972	974	rBV	3528335	3245002	67.31%	6.698%
32	12.811	979	982	984	rBV	48851	68644	1.42%	0.142%
33	12.925	989	992	995	rBV5	21363	55792	1.16%	0.115%
34	13.611	1049	1052	1056	rBV	260829	399851	8.29%	0.825%

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35	13.725	1060	1062	1065	rBV	1332404	1340063	27.79%	2.766%
36	14.240	1105	1107	1110	rBV3	29372	59150	1.23%	0.122%
37	14.525	1130	1132	1134	rBV2	44761	64607	1.34%	0.133%
38	15.074	1177	1180	1182	rBV	875901	1102855	22.87%	2.276%
39	15.200	1189	1191	1194	rVB3	52841	70925	1.47%	0.146%
40	15.497	1215	1217	1219	rBV2	60558	121508	2.52%	0.251%

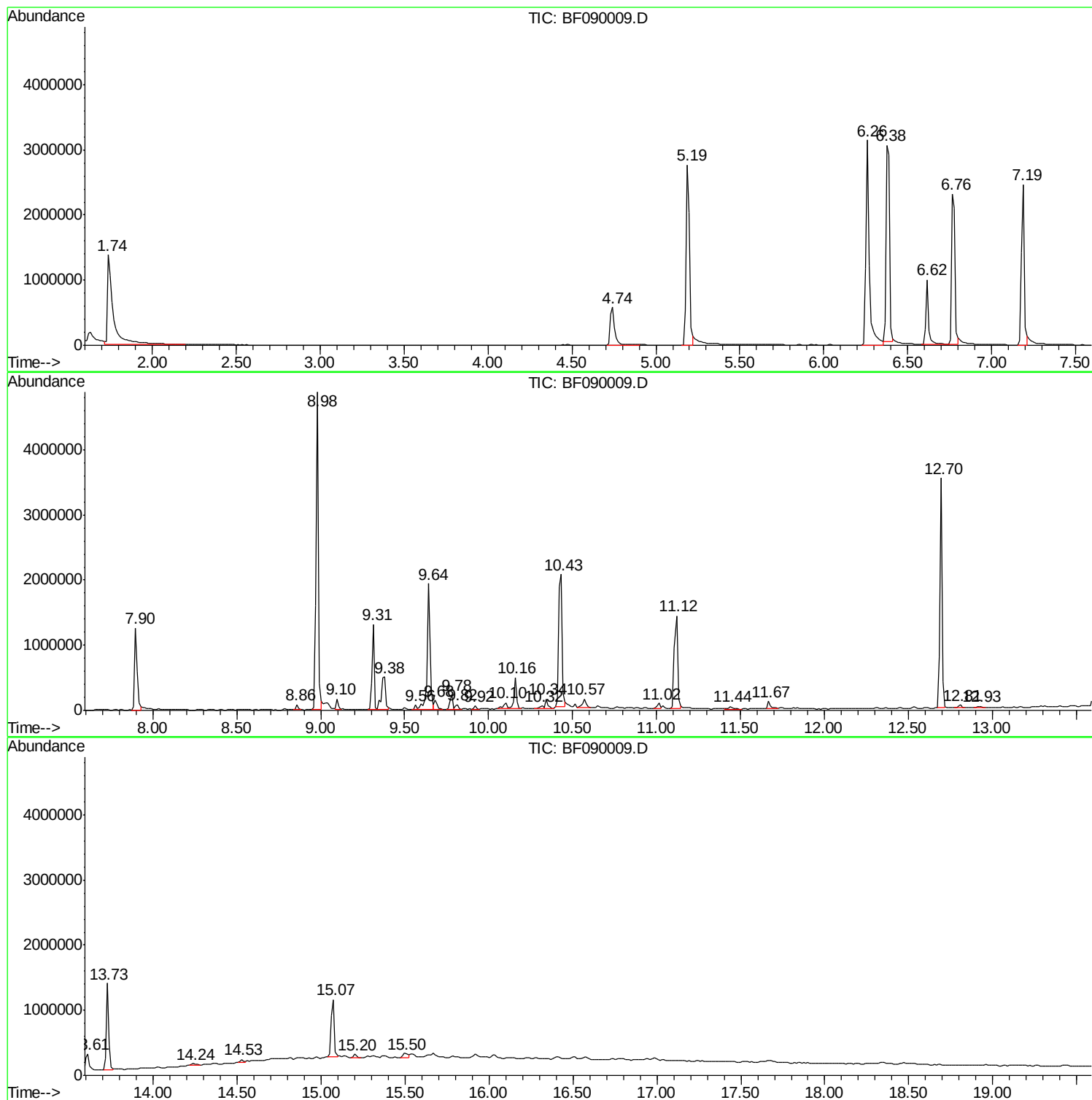
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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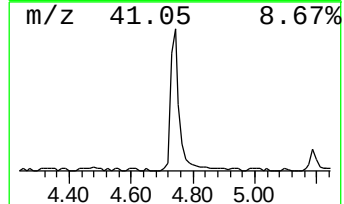
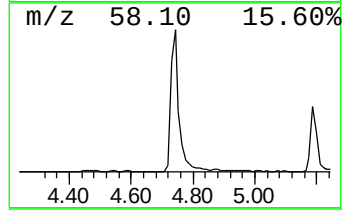
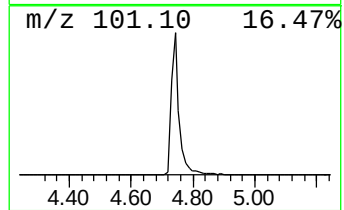
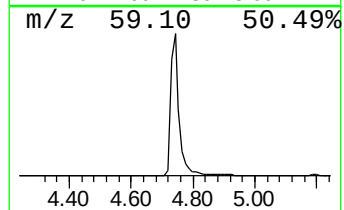
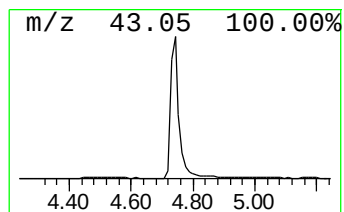
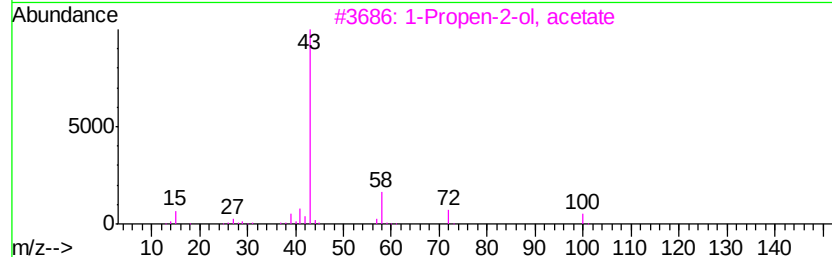
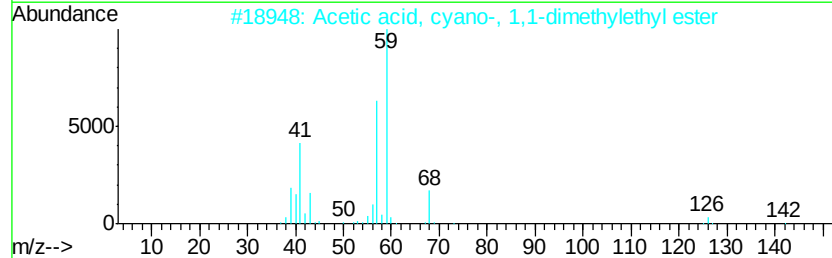
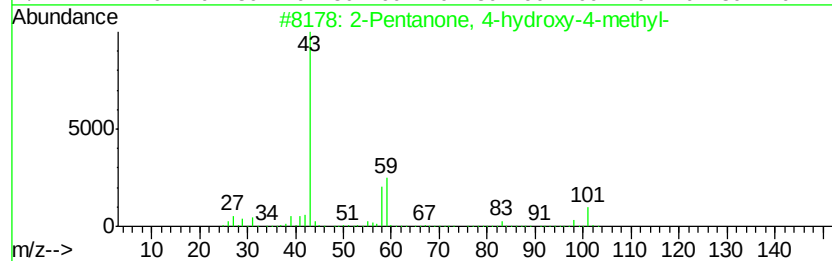
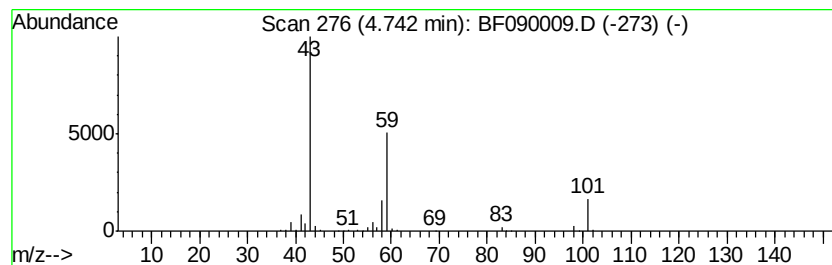
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	19.59 ng	1087210	1,4-Dichlorobenzene-d4	6.62

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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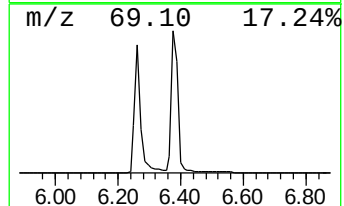
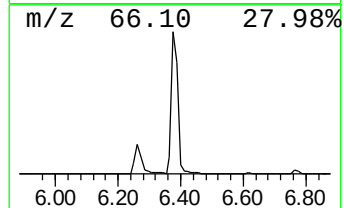
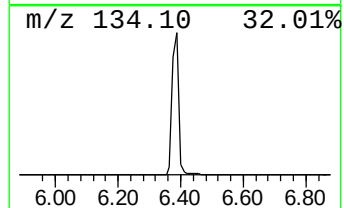
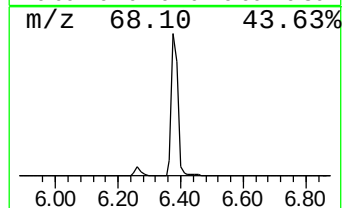
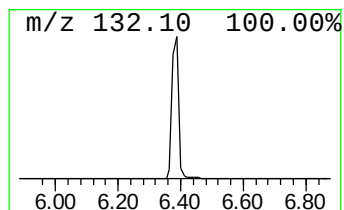
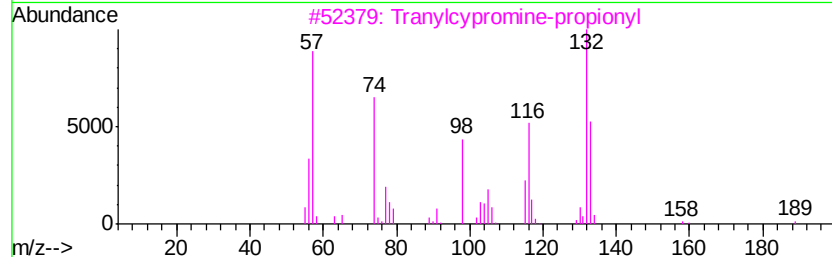
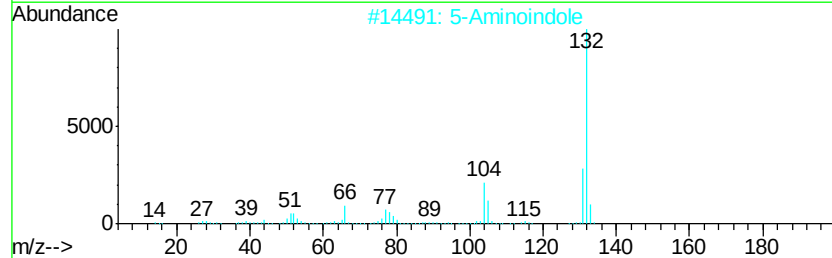
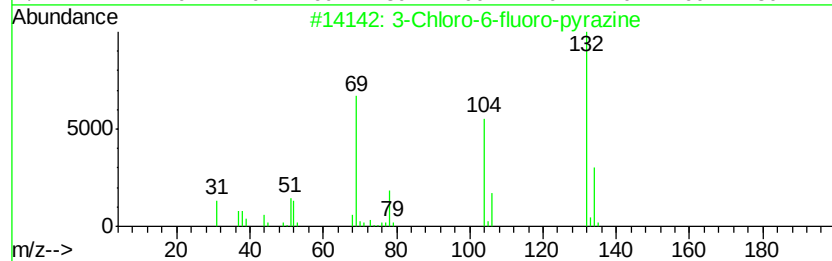
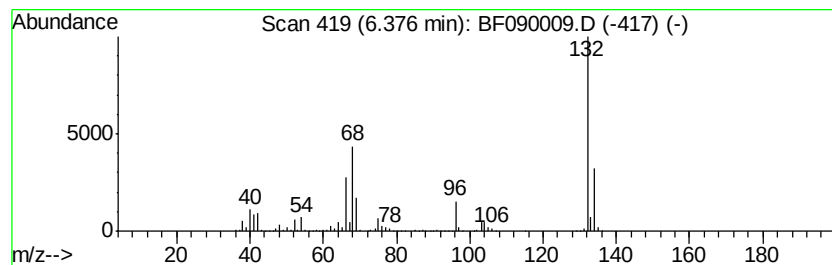
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	78.97 ng	4383580	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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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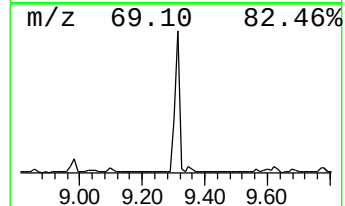
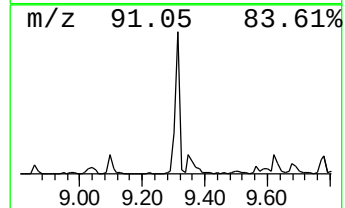
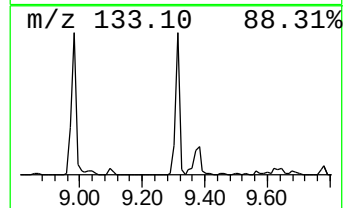
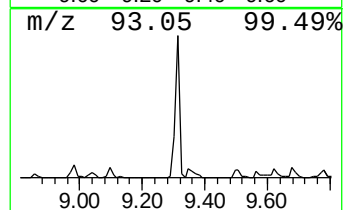
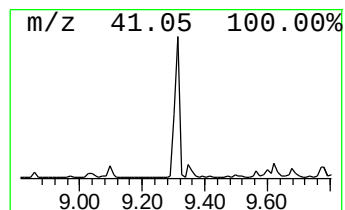
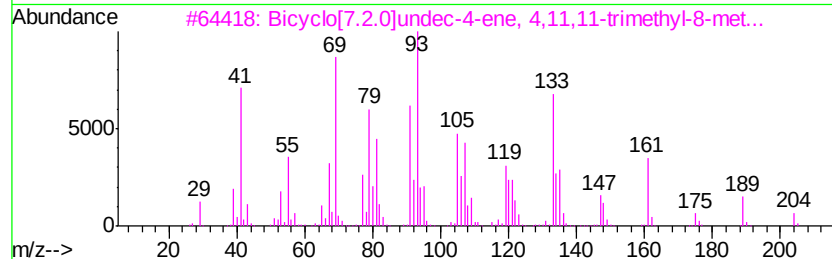
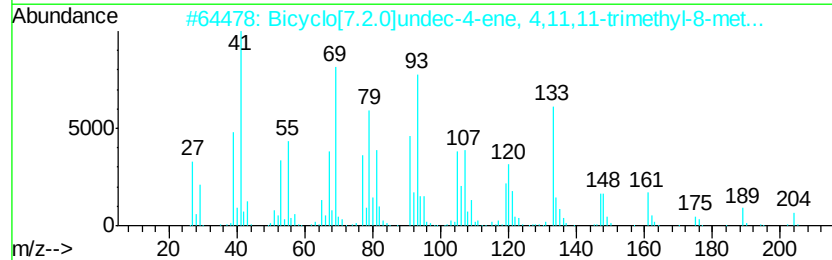
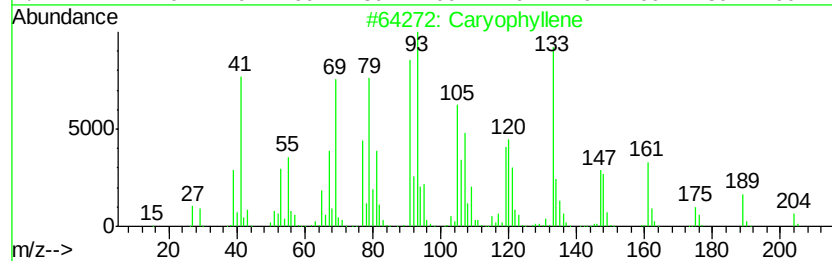
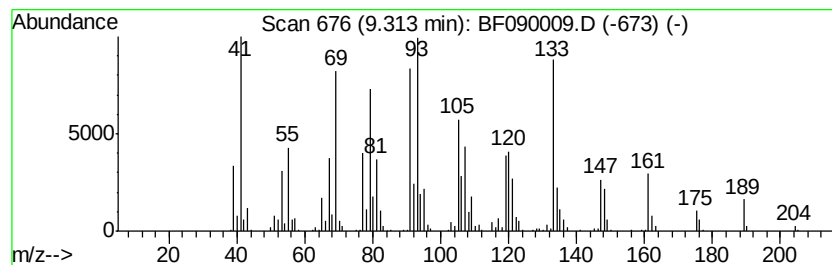
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Caryophyllene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.98 ng	1212820	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caryophyllene	204	C15H24	000087-44-5	94
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	74
4		Ethyl 1-thio-.alpha.-d-arabinofu...	194	C7H14O4S	1000129-83-7	53
5		.gamma.-Neoclovene	204	C15H24	1000156-11-7	51



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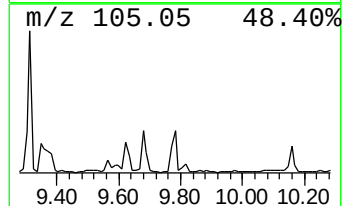
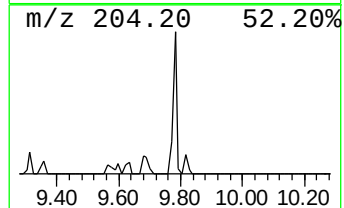
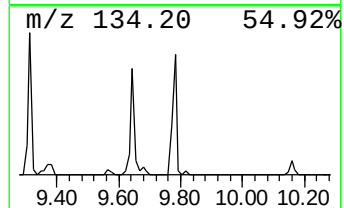
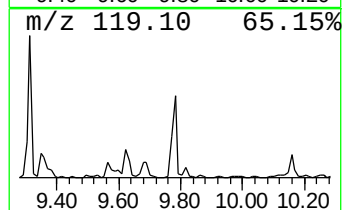
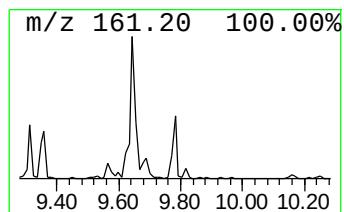
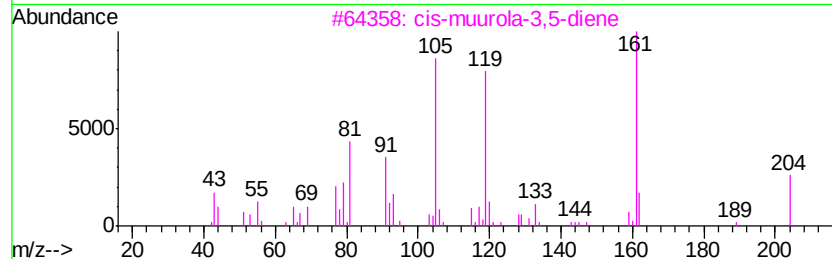
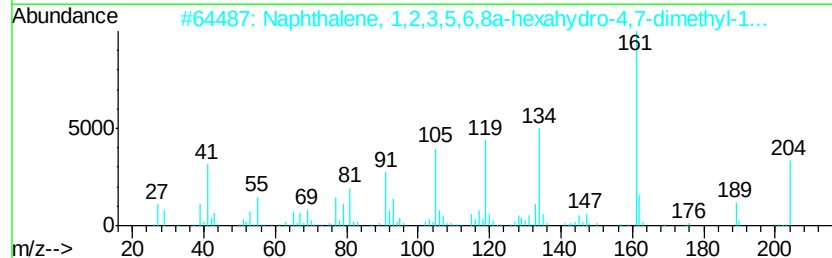
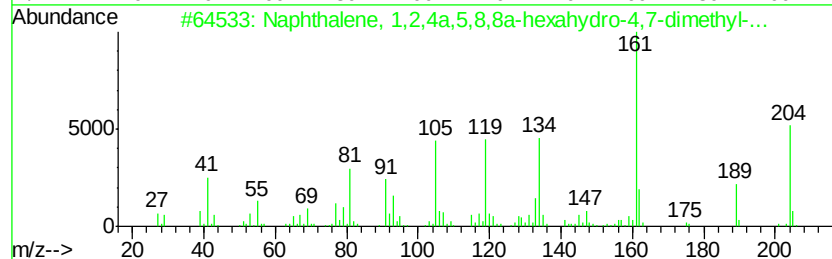
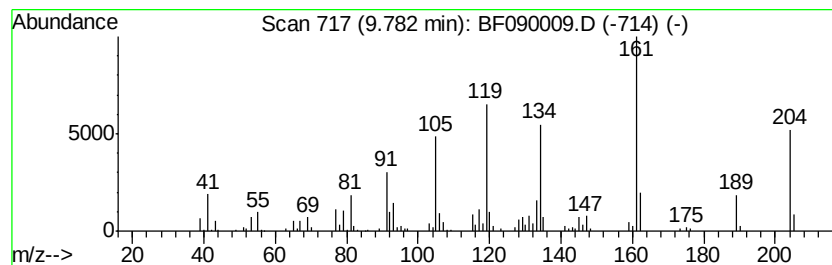
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Peak Number 6 Naphthalene, 1,2,4a,5,8,8a-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.40 ng	243401	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	95
2		Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	94
3		cis-muuro-la-3,5-diene	204	C15H24	1000365-95-4	90
4		Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	76
5		.gamma.-Muurolene	204	C15H24	030021-74-0	70



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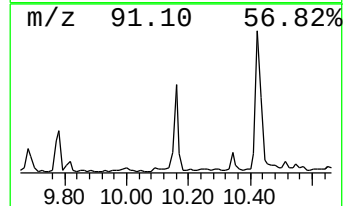
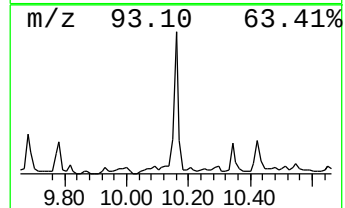
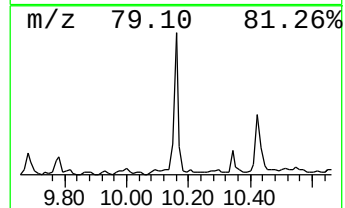
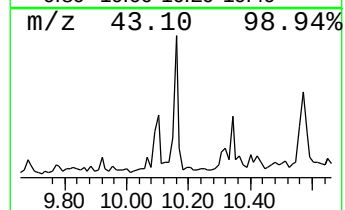
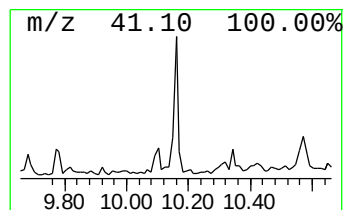
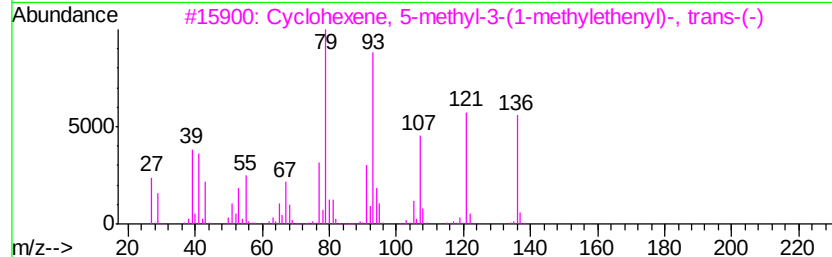
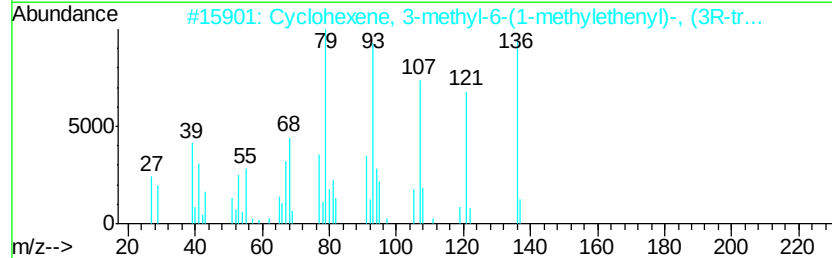
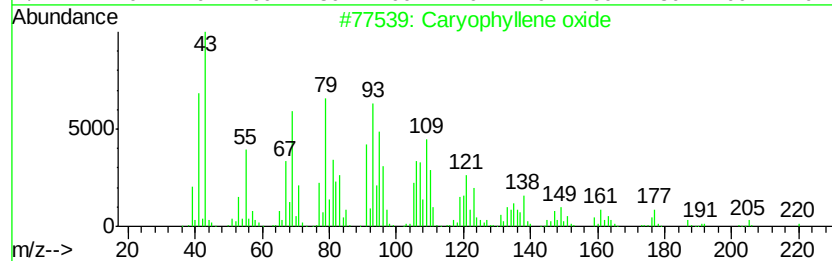
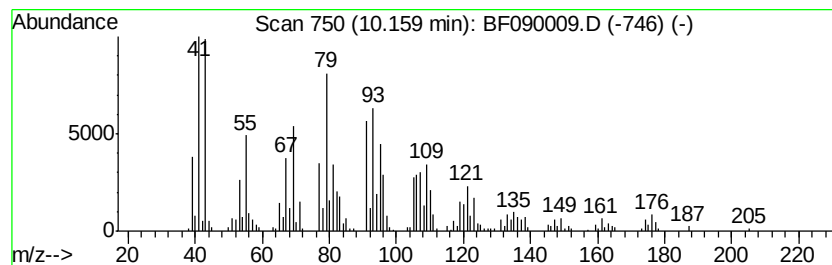
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Peak Number 7 Caryophyllene oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	5.03 ng	509212	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene oxide	220 C15H24O	001139-30-6 83
2		Cyclohexene, 3-methyl-6-(1-methy...	136 C10H16	005113-87-1 49
3		Cyclohexene, 5-methyl-3-(1-methy...	136 C10H16	056816-08-1 49
4		7-Methylenebicyclo[4.2.0]octane	122 C9H14	1000211-11-2 46
5		3-Nonen-1-yne, (Z)-	122 C9H14	037981-61-6 46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090009.D
Acq On : 7 Sep 2016 17:14
Operator : UM/SJ
Sample : H4676-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

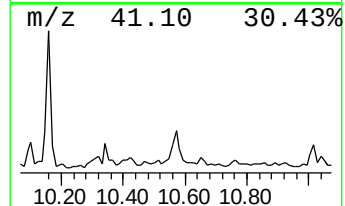
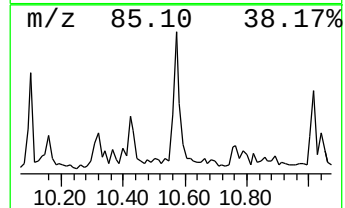
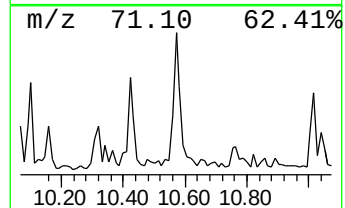
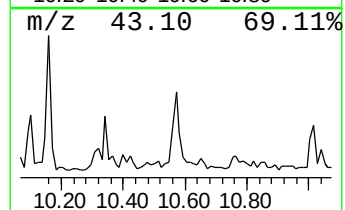
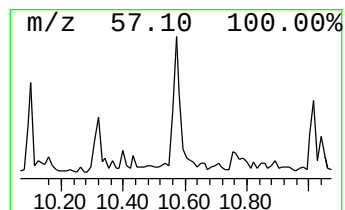
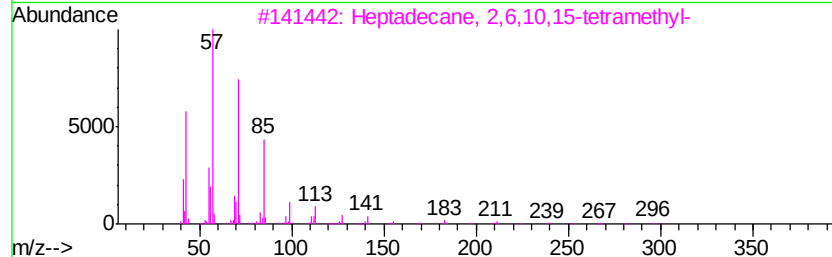
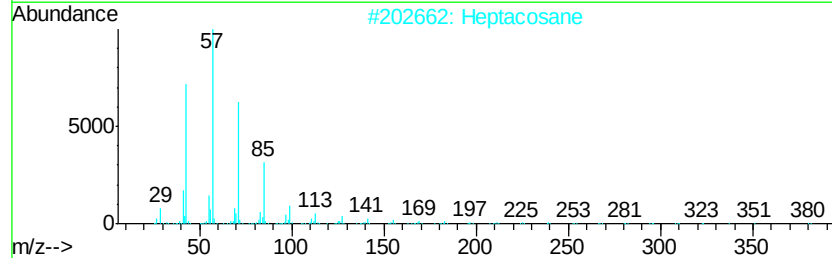
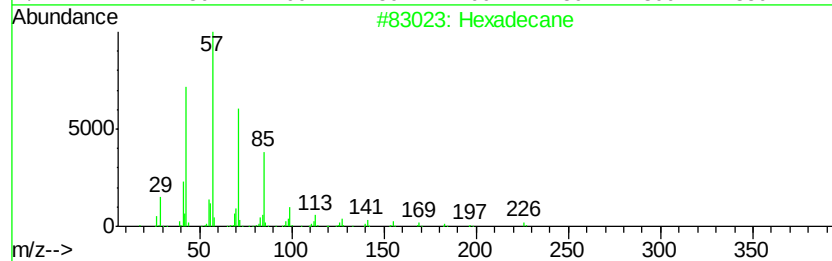
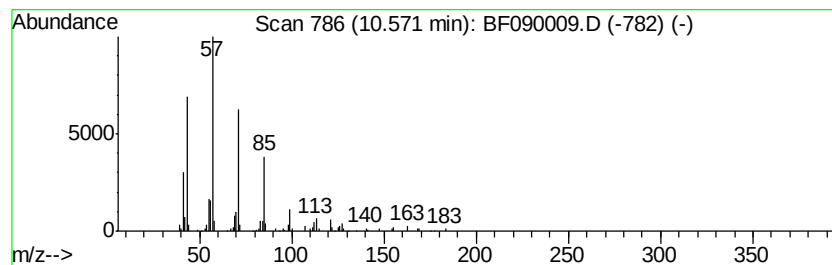
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.44 ng	214024	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090009.D
Acq On : 7 Sep 2016 17:14
Operator : UM/SJ
Sample : H4676-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

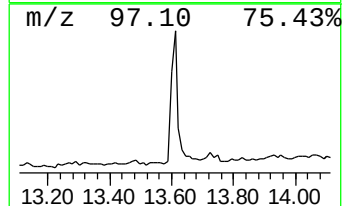
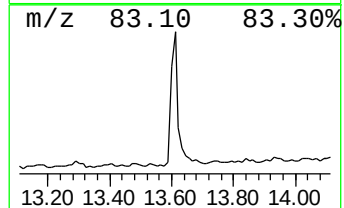
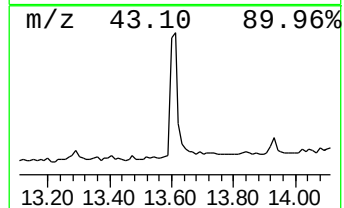
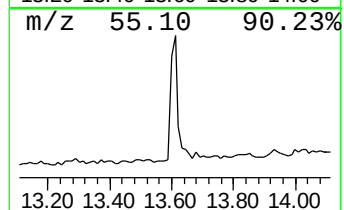
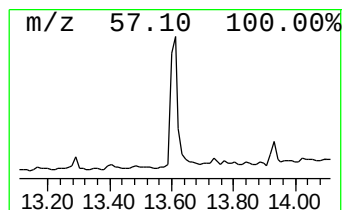
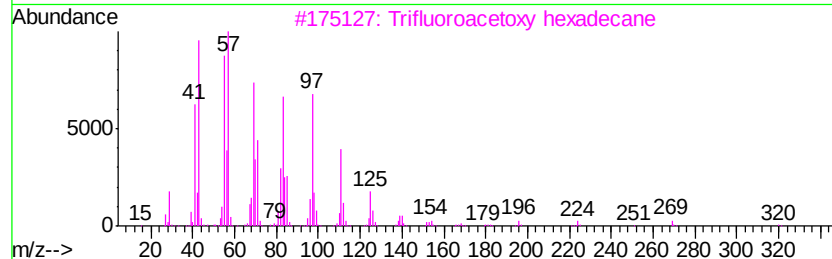
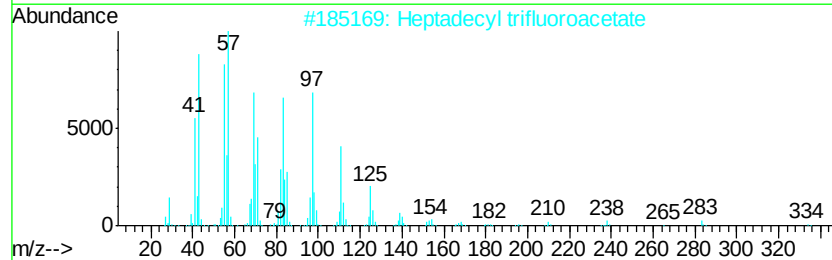
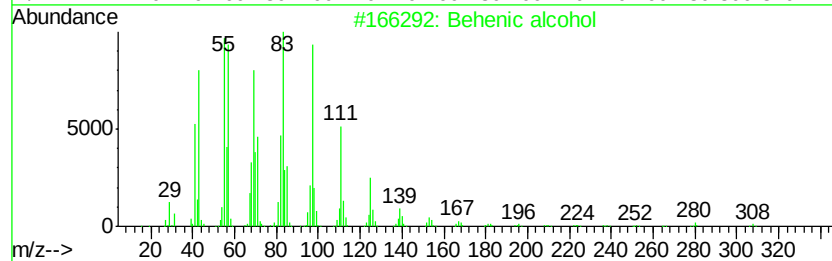
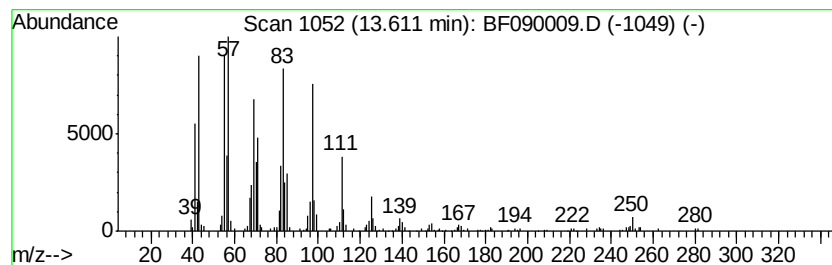
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.61	5.97 ng	399851	Chrysene-d12		13.73	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090009.D
Acq On : 7 Sep 2016 17:14
Operator : UM/SJ
Sample : H4676-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

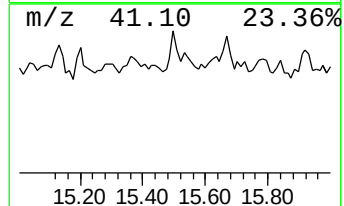
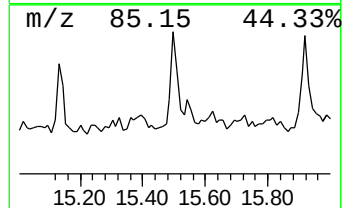
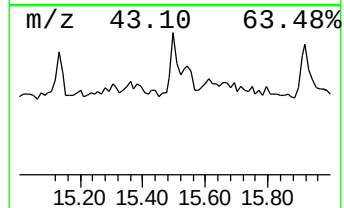
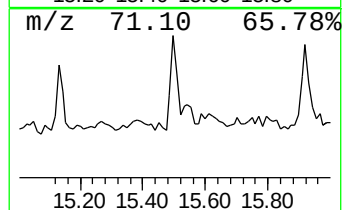
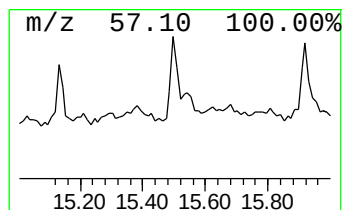
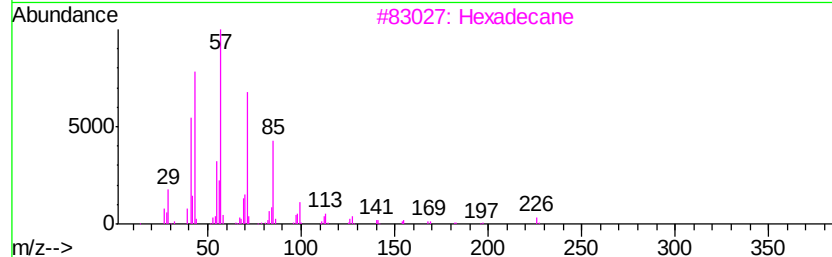
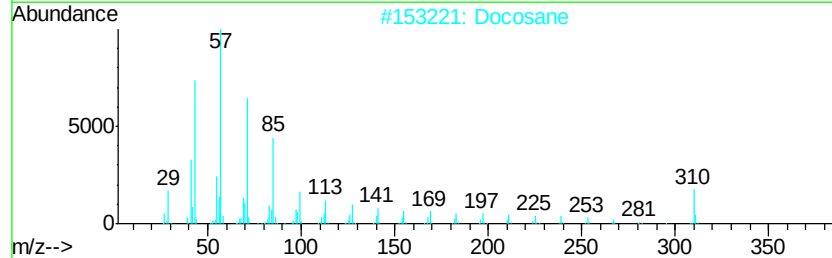
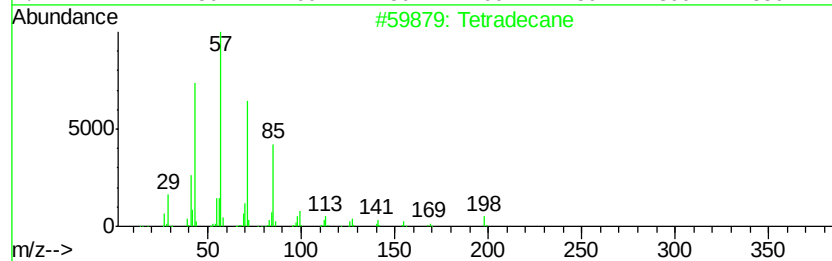
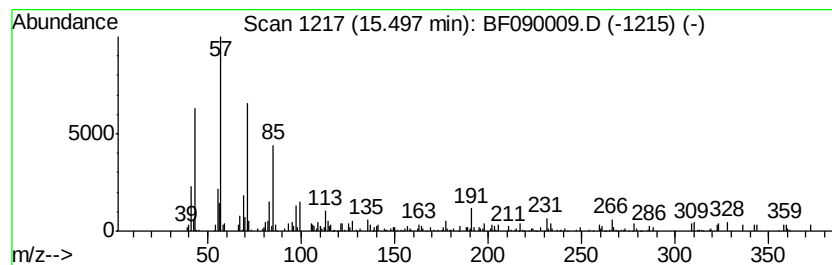
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.20 ng	121508	Perylene-d12	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			Docosane	310	C22H46	000629-97-0	62
3			Hexadecane	226	C16H34	000544-76-3	58
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090009.D
Acq On : 7 Sep 2016 17:14
Operator : UM/SJ
Sample : H4676-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.74	19.6	ng	1087210	1	6.62	1110150	20.0
unknown6.38	6.38	79.0	ng	4383580	1	6.62	1110150	20.0
Caryophyllene	9.31	12.0	ng	1212820	3	9.64	2025020	20.0
Naphthalene, 1,2,...	9.78	2.4	ng	243401	3	9.64	2025020	20.0
Caryophyllene oxide	10.16	5.0	ng	509212	3	9.64	2025020	20.0
Hexadecane	10.57	2.4	ng	214024	4	11.12	1752250	20.0
Behenic alcohol	13.61	6.0	ng	399851	5	13.73	1340060	20.0
Tetradecane	15.50	2.2	ng	121508	6	15.07	1102860	20.0