

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089173.D
 Acq On : 21 Jul 2016 11:44
 Operator : UM/SJ
 Sample : H4112-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-02-6.0-8.0

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-BF072016.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	1.724	10	12	60	rVB	1387303	2769318	100.00%	16.172%
2	4.730	273	275	285	rVB	31687	58734	2.12%	0.343%
3	5.187	313	315	336	rBV	946824	1278384	46.16%	7.465%
4	6.262	406	409	416	rBV	978597	1383358	49.95%	8.078%
5	6.364	416	418	437	rVV	968735	1390511	50.21%	8.120%
6	6.593	437	438	449	rVV	193188	318919	11.52%	1.862%
7	6.753	449	452	469	rVB	1075700	1068123	38.57%	6.237%
8	7.165	486	488	505	rBV	516305	867824	31.34%	5.068%
9	7.885	548	551	553	rBV	409339	429053	15.49%	2.506%
10	8.959	643	645	648	rBV	1231062	1350818	48.78%	7.888%
11	9.359	678	680	683	rBV	263625	239768	8.66%	1.400%
12	9.622	701	703	706	rBV	324783	455679	16.45%	2.661%
13	10.171	749	751	755	rVB	35138	36802	1.33%	0.215%
14	10.411	770	772	775	rBV	655001	723746	26.13%	4.226%
15	10.548	781	784	787	rBV	33693	45090	1.63%	0.263%
16	10.994	821	823	828	rVB	35837	46375	1.67%	0.271%
17	11.096	830	832	837	rBV2	358667	696285	25.14%	4.066%
18	11.176	837	839	841	rVB	89791	85281	3.08%	0.498%
19	11.599	874	876	877	rBV	40318	37976	1.37%	0.222%
20	11.622	877	878	881	rVV	38571	58389	2.11%	0.341%
21	11.679	881	883	884	rVV	23414	28876	1.04%	0.169%
22	11.714	884	886	891	rVB2	47249	95328	3.44%	0.557%
23	12.148	921	924	925	rBV	23844	28572	1.03%	0.167%
24	12.182	925	927	930	rVV2	17555	40258	1.45%	0.235%
25	12.308	935	938	940	rBV	209090	305466	11.03%	1.784%
26	12.525	954	957	960	rVV2	255230	293100	10.58%	1.712%
27	12.651	965	968	969	rBV	20621	28841	1.04%	0.168%
28	12.685	969	971	973	rVV	1155848	1135640	41.01%	6.632%
29	12.754	973	977	981	rVB3	18189	37017	1.34%	0.216%
30	12.857	981	986	988	rBV2	51765	73169	2.64%	0.427%
31	12.925	988	992	993	rVV	52768	57575	2.08%	0.336%
32	12.959	993	995	999	rVB	35836	48309	1.74%	0.282%
33	13.279	1017	1023	1025	rBV3	11948	35622	1.29%	0.208%
34	13.622	1050	1053	1058	rVV2	29756	72742	2.63%	0.425%

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35	13.714	1058	1061	1068	rVB2	348211	631853	22.82%	3.690%
36	14.571	1133	1136	1139	rBV	28219	37804	1.37%	0.221%
37	14.708	1145	1148	1153	rVV	100115	187450	6.77%	1.095%
38	14.800	1153	1156	1157	rVV2	27762	34239	1.24%	0.200%
39	14.868	1157	1162	1165	rVV3	9498	31593	1.14%	0.184%
40	14.960	1168	1170	1173	rVV	50005	67995	2.46%	0.397%
41	15.005	1173	1174	1177	rVB	68935	98230	3.55%	0.574%
42	15.062	1177	1179	1185	rBV	237043	319370	11.53%	1.865%
43	16.285	1283	1286	1290	rVB2	29352	53763	1.94%	0.314%
44	16.651	1315	1318	1323	rBV	18775	41137	1.49%	0.240%

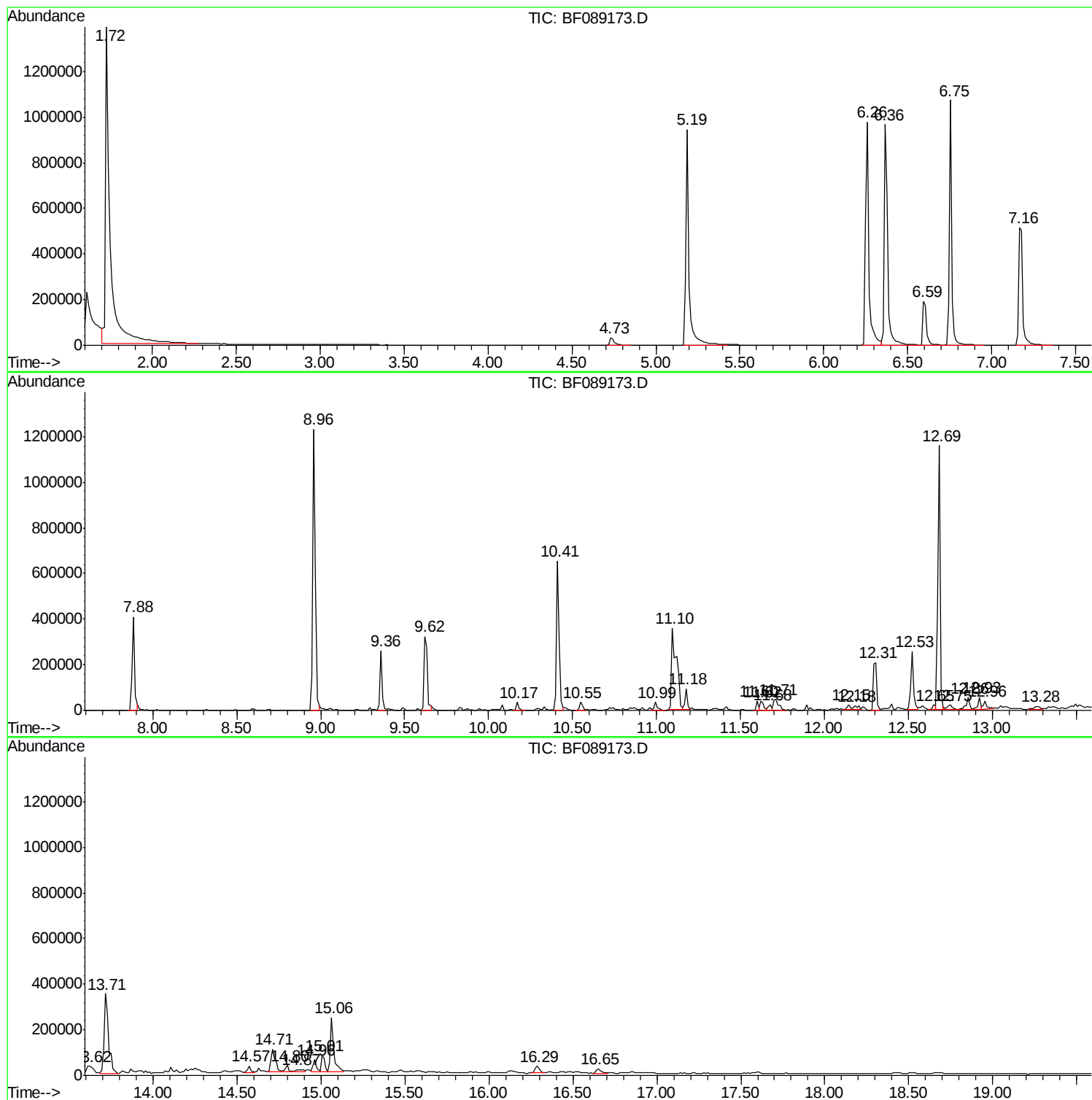
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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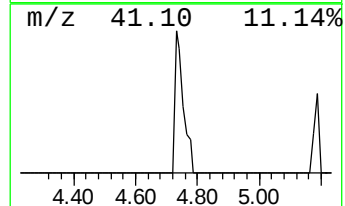
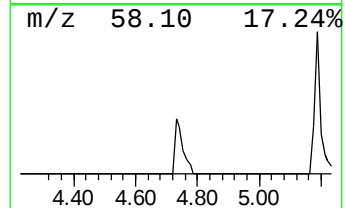
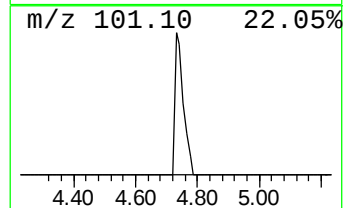
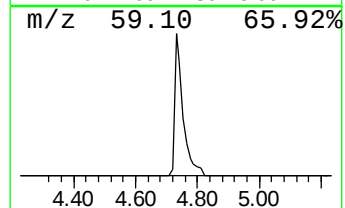
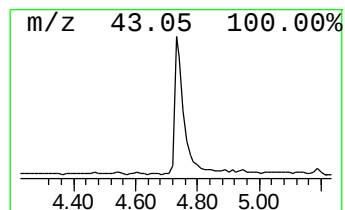
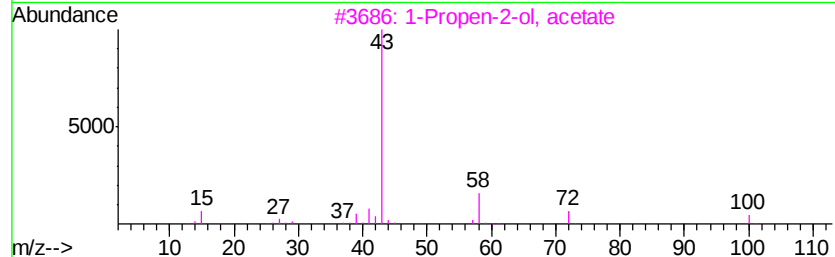
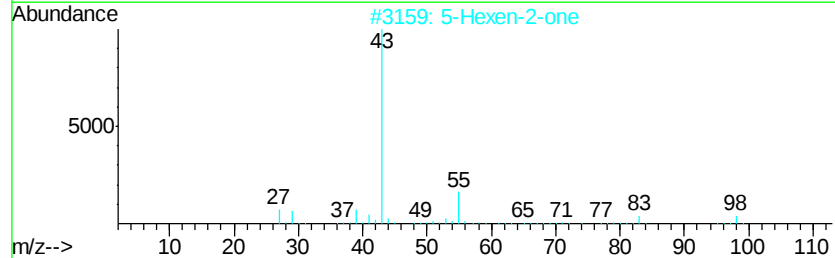
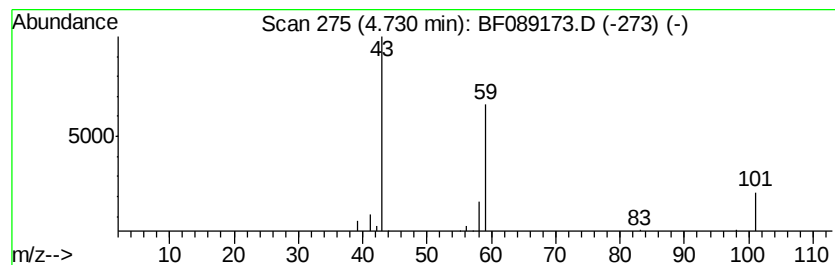
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.68 ng	58734	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
5		Acetone	58	C3H6O	000067-64-1	7



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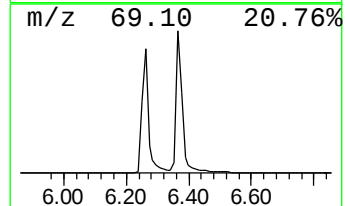
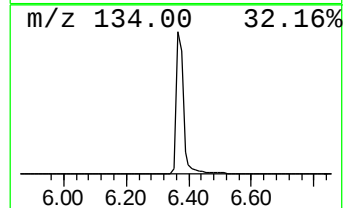
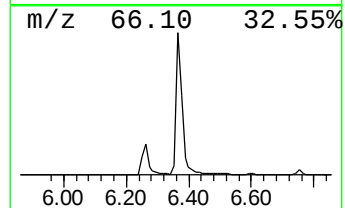
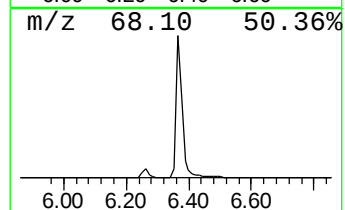
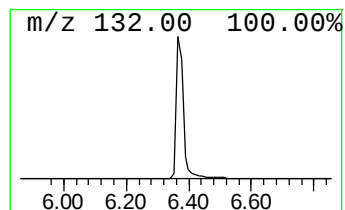
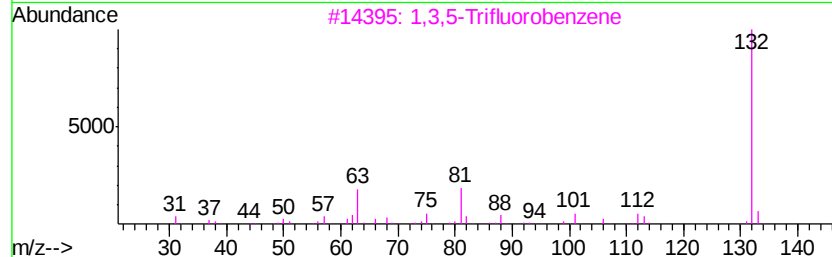
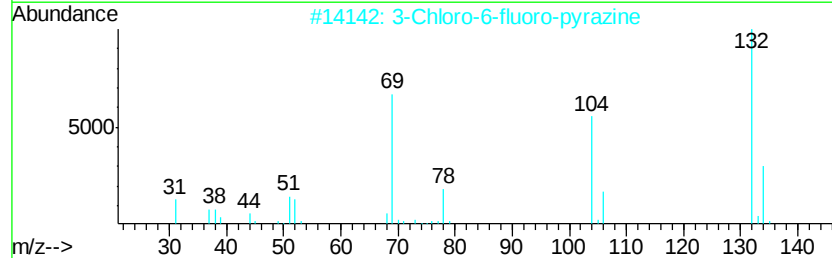
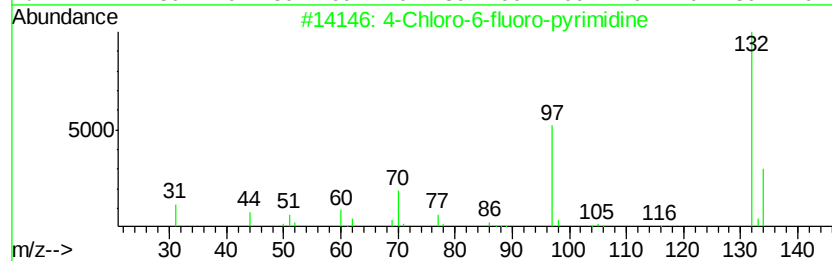
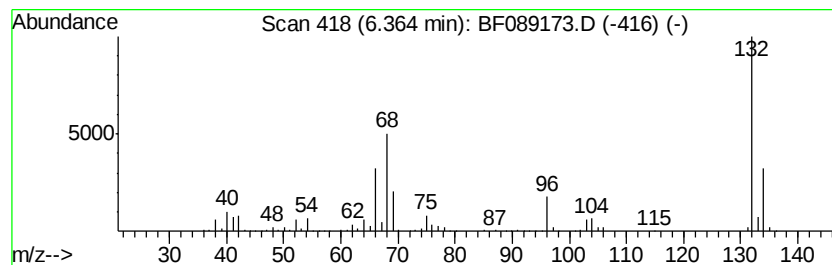
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Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	87.20 ng	1390510	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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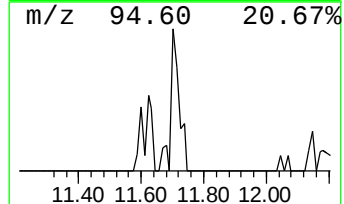
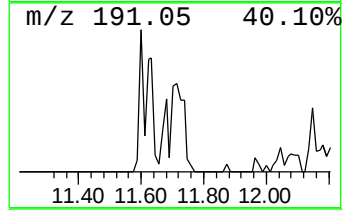
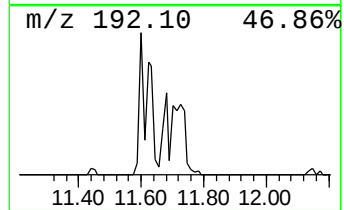
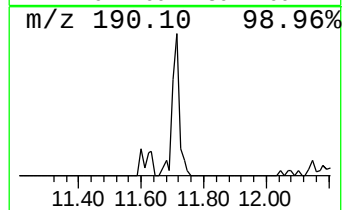
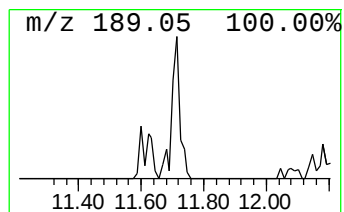
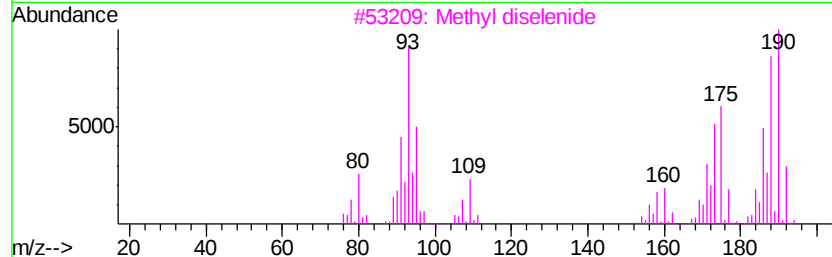
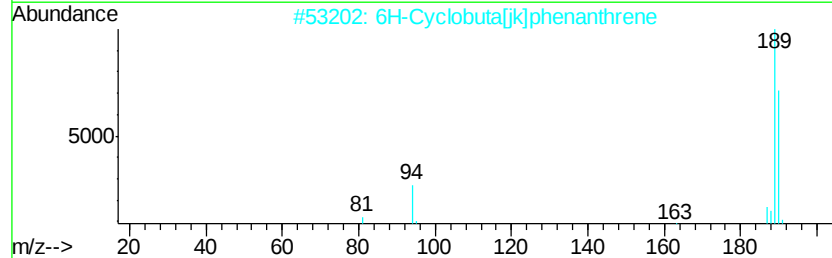
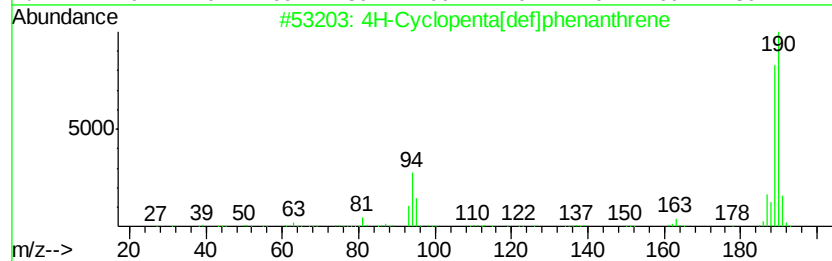
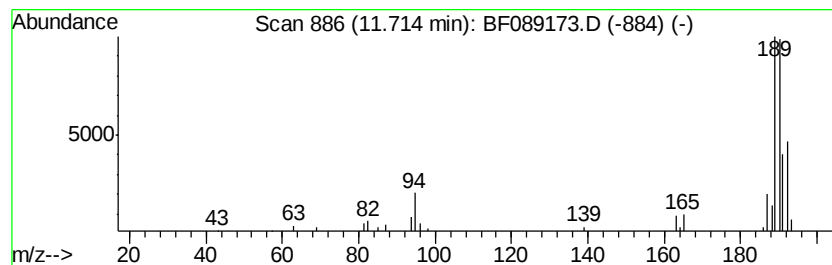
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.74 ng	95328	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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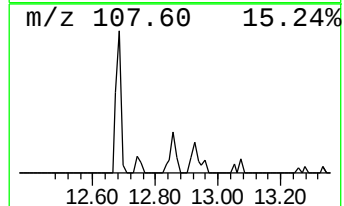
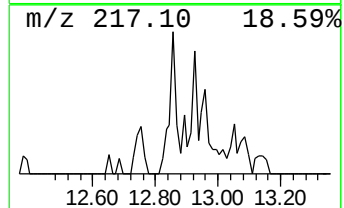
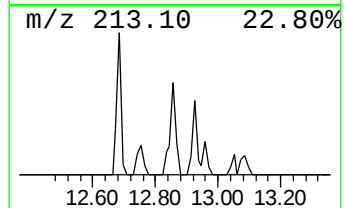
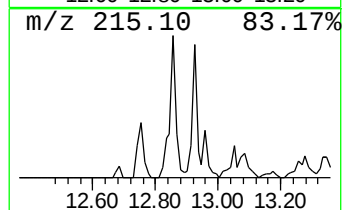
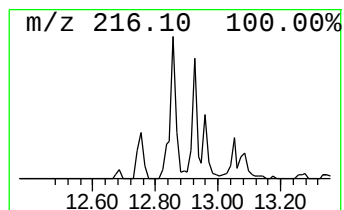
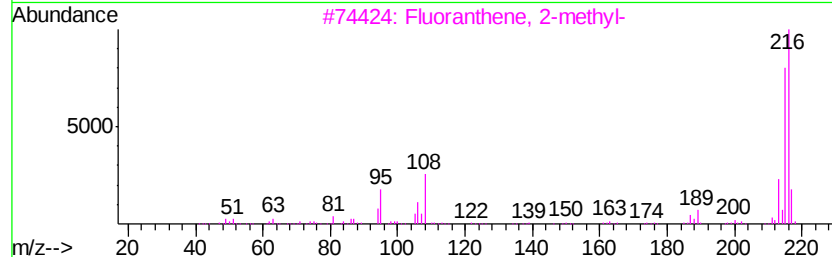
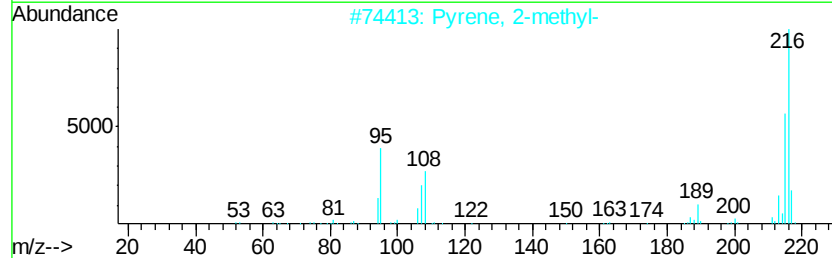
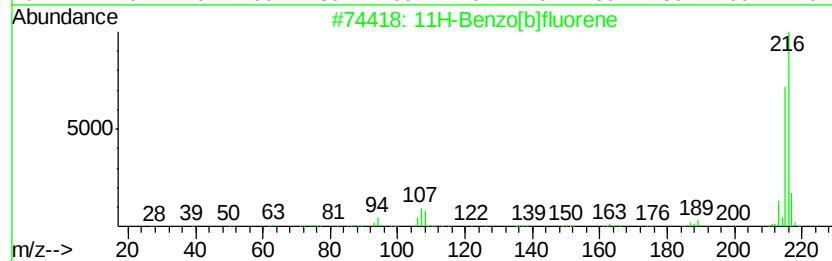
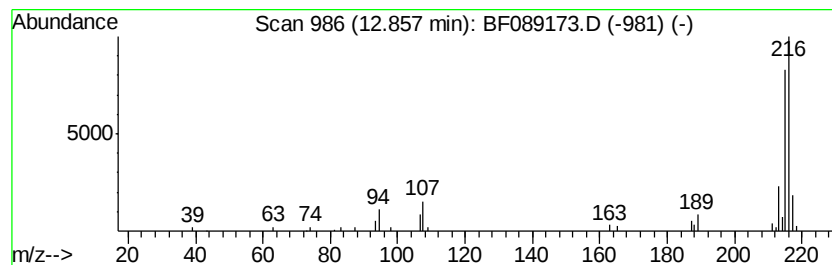
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Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.32 ng	73169	Chrysene-d12	13.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



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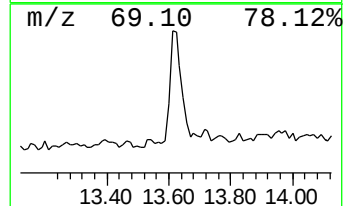
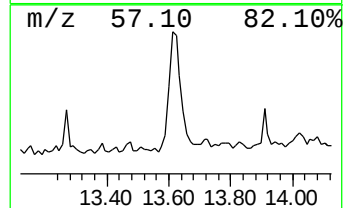
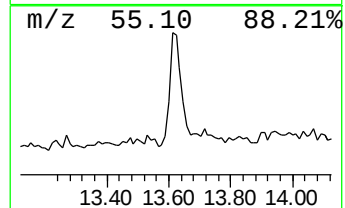
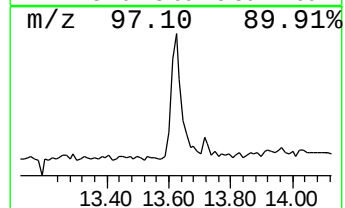
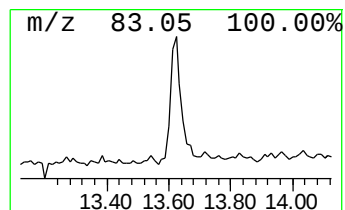
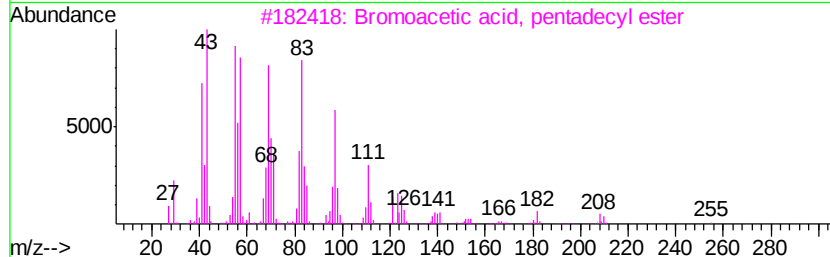
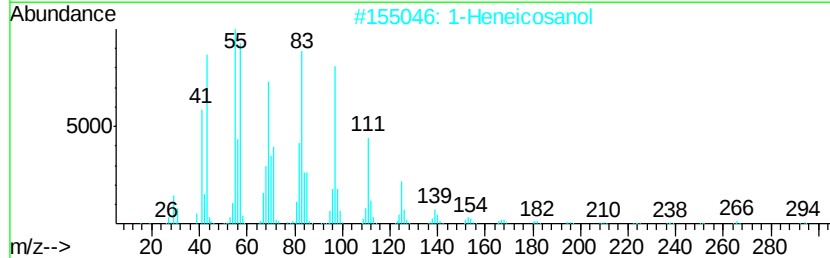
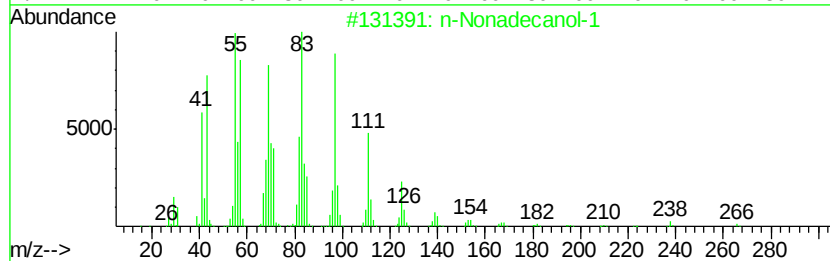
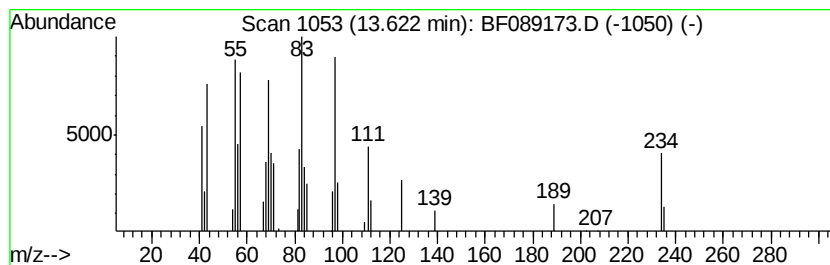
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Peak Number 7 n-Nonadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.30 ng	72742	Chrysene-d12	13.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1			284	C19H40O	001454-84-8	93
2	1-Heneicosanol			312	C21H44O	015594-90-8	93
3	Bromoacetic acid, pentadecyl ester			348	C17H33BrO2	131143-01-6	87
4	Carbonic acid, tetradecyl 2,2,2-...			388	C17H31Cl3O3	1000314-56-0	87
5	Behenic alcohol			326	C22H46O	000661-19-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089173.D
Acq On : 21 Jul 2016 11:44
Operator : UM/SJ
Sample : H4112-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02-6.0-8.0

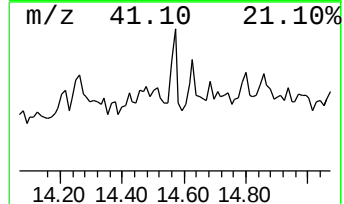
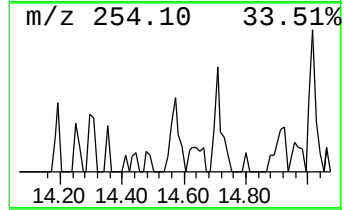
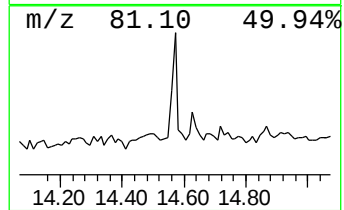
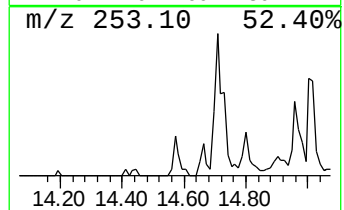
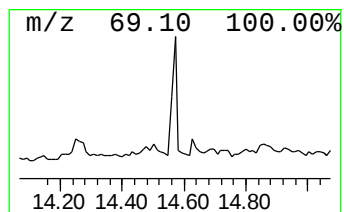
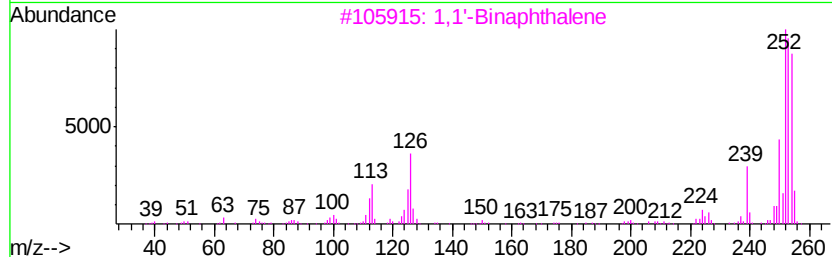
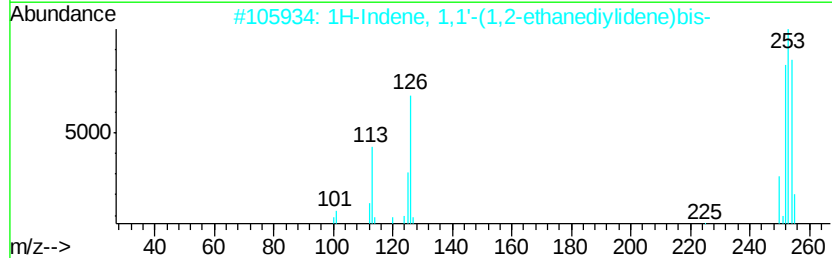
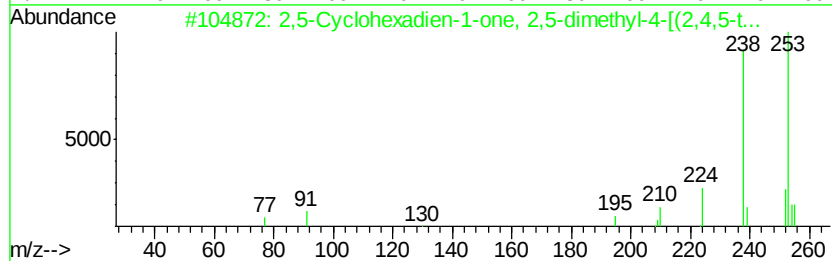
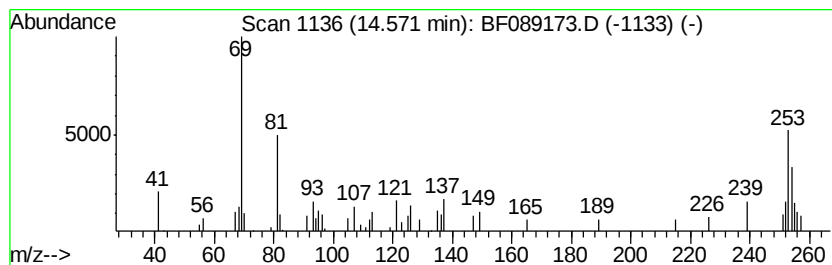
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.57 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.37 ng	37804	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	47
2		1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	43
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	38
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	35
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
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Operator : UM/SJ
Sample : H4112-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-02-6.0-8.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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...	4.73	3.7	ng	58734	1	6.60	318919	20.0
unknown6.36	6.36	87.2	ng	1390510	1	6.60	318919	20.0
4H-Cyclopenta[def...	11.71	2.7	ng	95328	4	11.10	696285	20.0
11H-Benzo[b]fluorene	12.86	2.3	ng	73169	5	13.73	631853	20.0
n-Nonadecanol-1	13.62	2.3	ng	72742	5	13.73	631853	20.0
unknown14.57	14.57	2.4	ng	37804	6	15.06	319370	20.0