

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089027.D
 Acq On : 15 Jul 2016 20:30
 Operator : UM/SJ
 Sample : H3951-23 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-XD01

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-BF063016.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	1.656	5	6	13	rVB2	32742	62608	3.03%	0.736%
2	1.770	15	16	49	rVB	936811	2068269	100.00%	24.329%
3	4.799	279	281	285	rVB	48381	48567	2.35%	0.571%
4	5.256	319	321	324	rBV	207994	285804	13.82%	3.362%
5	6.319	412	414	417	rBV	371066	309774	14.98%	3.644%
6	6.445	423	425	427	rBB	325277	313918	15.18%	3.693%
7	6.673	443	445	447	rBB	494175	393460	19.02%	4.628%
8	6.833	457	459	461	rBB	212416	231255	11.18%	2.720%
9	7.233	492	494	497	rBB	187930	171170	8.28%	2.014%
10	7.965	555	558	560	rBV	496465	484289	23.42%	5.697%
11	9.039	649	652	654	rBV	455044	367287	17.76%	4.320%
12	9.439	685	687	689	rBB	90114	106881	5.17%	1.257%
13	9.713	708	711	712	rBV	405329	448367	21.68%	5.274%
14	10.491	777	779	781	rVB	165103	137513	6.65%	1.618%
15	11.074	828	830	837	rBV	16575	22094	1.07%	0.260%
16	11.188	837	840	843	rBV	314805	514160	24.86%	6.048%
17	11.256	843	846	848	rVB	51863	41586	2.01%	0.489%
18	11.508	864	868	870	rVB	10401	21960	1.06%	0.258%
19	11.679	881	883	884	rBV	35278	33358	1.61%	0.392%
20	11.714	884	886	887	rVB	38866	36133	1.75%	0.425%
21	11.794	891	893	897	rVB2	53384	75389	3.65%	0.887%
22	12.159	923	925	929	rVB	13521	20974	1.01%	0.247%
23	12.228	929	931	933	rBV	28508	33991	1.64%	0.400%
24	12.262	933	934	937	rVB2	16664	21542	1.04%	0.253%
25	12.308	937	938	943	rVB	13248	21054	1.02%	0.248%
26	12.388	943	945	947	rBV	221887	197039	9.53%	2.318%
27	12.617	962	965	966	rBV	168442	228957	11.07%	2.693%
28	12.651	966	968	972	rVB3	14475	34380	1.66%	0.404%
29	12.765	976	978	980	rBV	262861	241229	11.66%	2.838%
30	12.834	981	984	988	rBV2	16786	31296	1.51%	0.368%
31	12.937	990	993	995	rVB	29385	49723	2.40%	0.585%
32	13.005	995	999	1001	rBV	27828	39722	1.92%	0.467%
33	13.040	1001	1002	1006	rVB	27144	39600	1.91%	0.466%
34	13.245	1018	1020	1022	rBV	44929	46115	2.23%	0.542%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	13.440	1034	1037	1040	rBV2	13946	32746	1.58%	0.385%
36	13.554	1045	1047	1048	rBV2	26792	33150	1.60%	0.390%
37	13.805	1066	1069	1075	rVB2	424923	550804	26.63%	6.479%
38	13.908	1075	1078	1080	rBV3	17887	30710	1.48%	0.361%
39	14.194	1101	1103	1104	rVB2	24318	24554	1.19%	0.289%
40	14.285	1107	1111	1112	rBV3	16560	34920	1.69%	0.411%
41	14.571	1134	1136	1137	rBV	55789	67422	3.26%	0.793%
42	14.800	1153	1156	1161	rBV	65240	122182	5.91%	1.437%
43	15.063	1177	1179	1181	rVB	36229	41517	2.01%	0.488%
44	15.108	1181	1183	1186	rBV	40273	58111	2.81%	0.684%
45	15.165	1186	1188	1191	rBV	164055	231267	11.18%	2.720%
46	16.274	1283	1285	1291	rVB5	8960	24954	1.21%	0.294%
47	16.434	1297	1299	1304	rVB2	19082	35135	1.70%	0.413%
48	16.811	1329	1332	1337	rBV	14374	34166	1.65%	0.402%

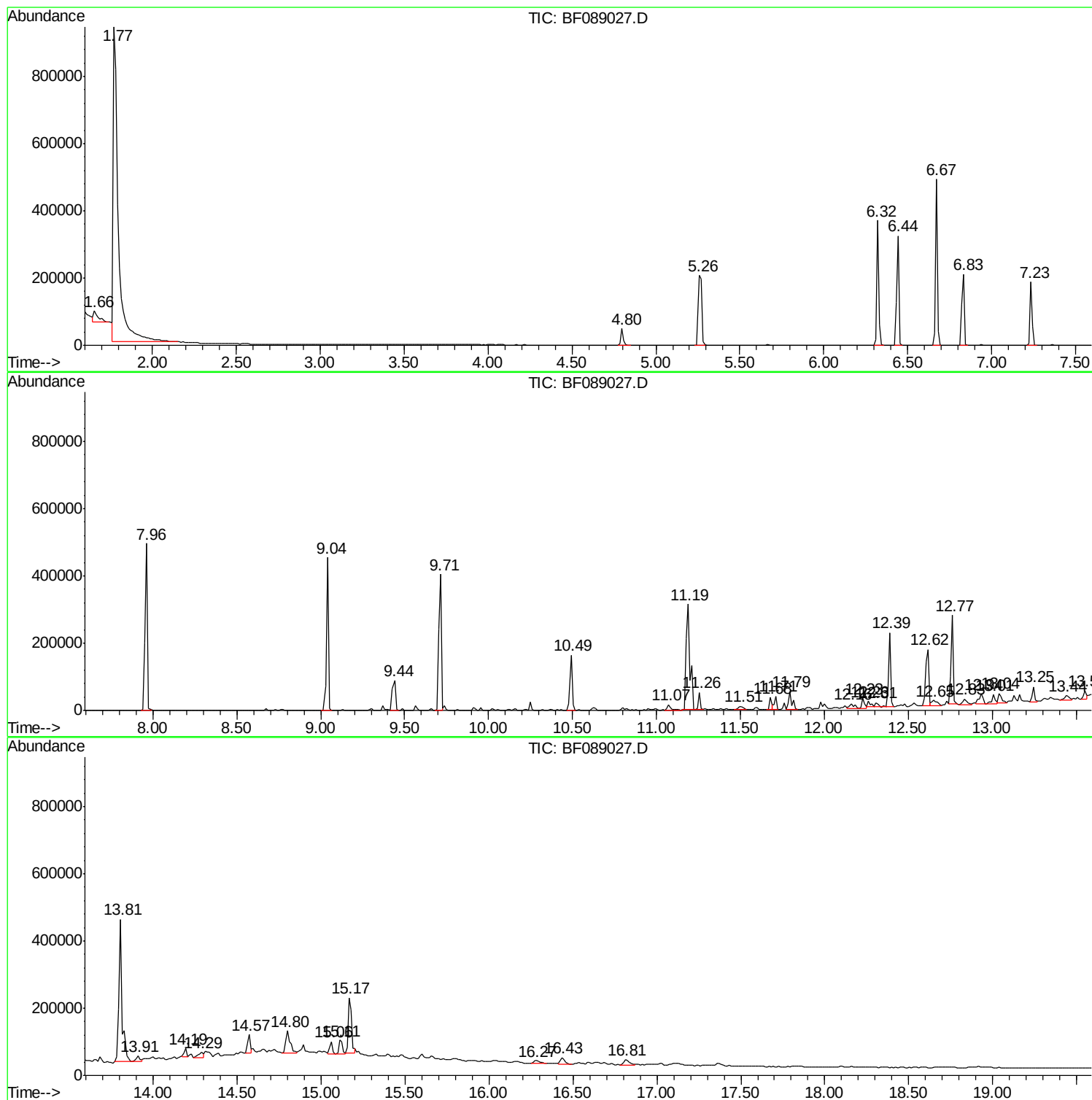
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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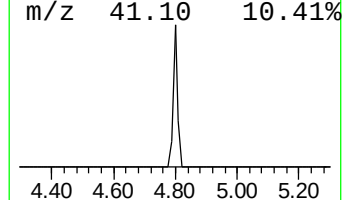
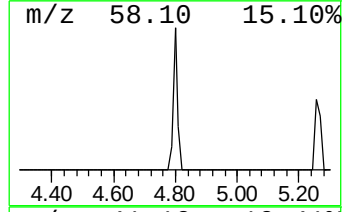
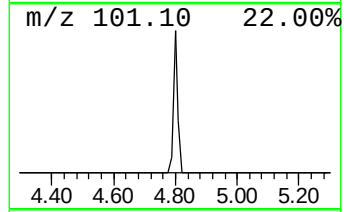
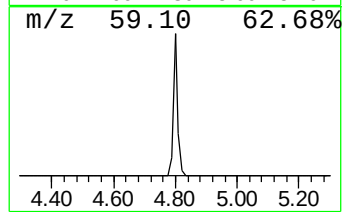
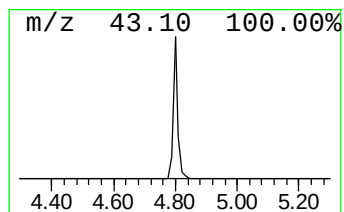
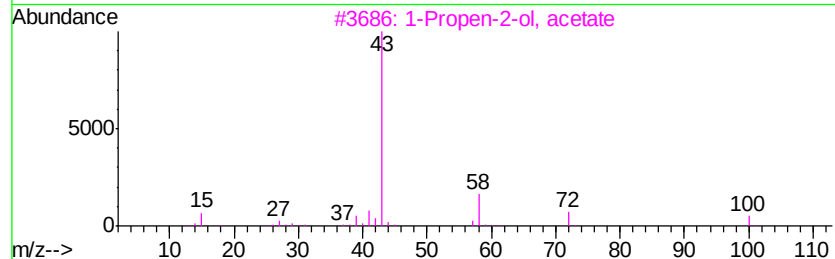
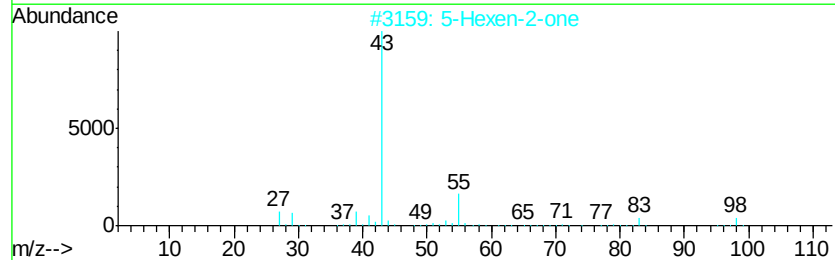
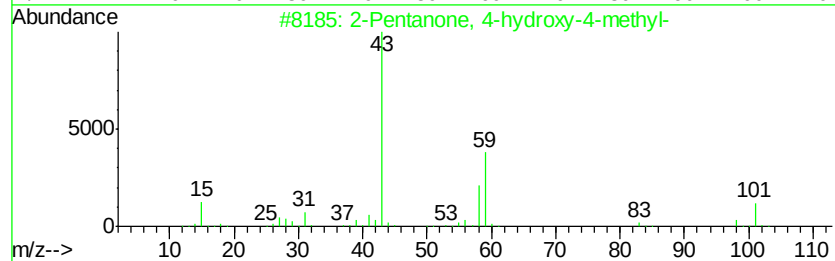
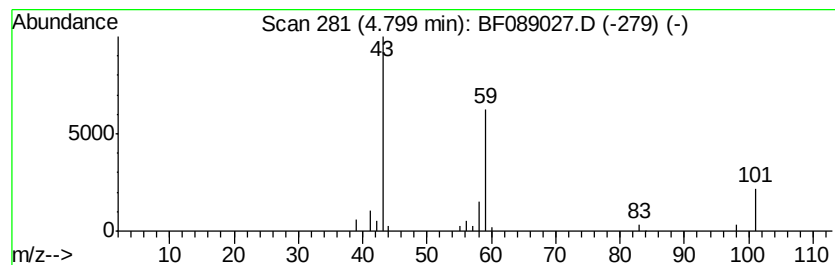
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	2.47 ng	48567	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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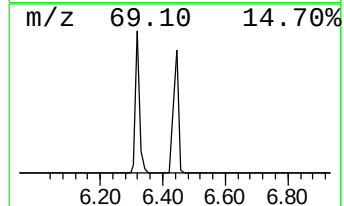
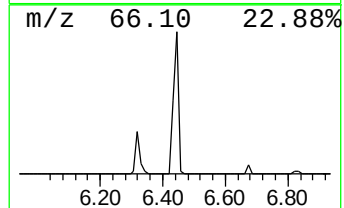
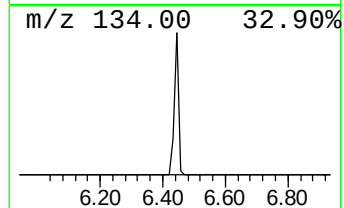
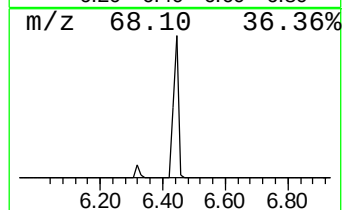
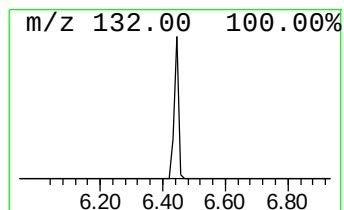
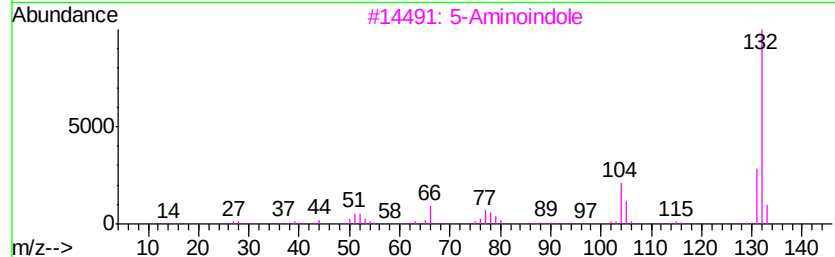
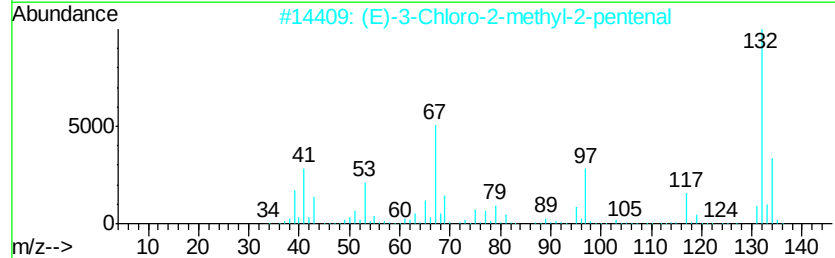
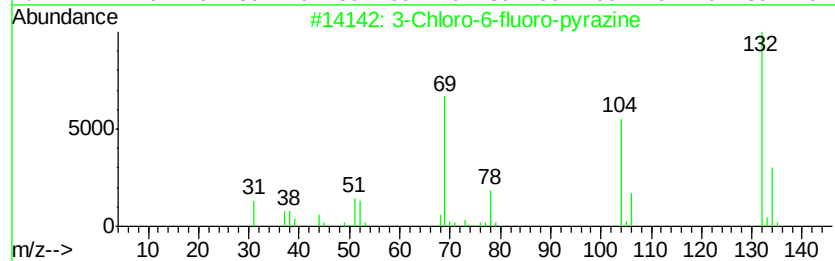
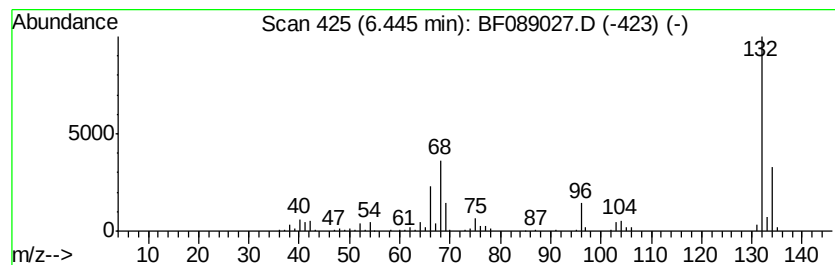
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Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	15.96 ng	313918	1,4-Dichlorobenzene-d4	6.67

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		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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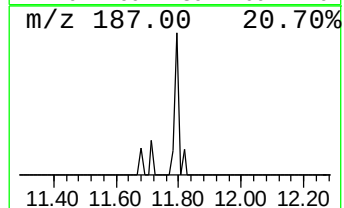
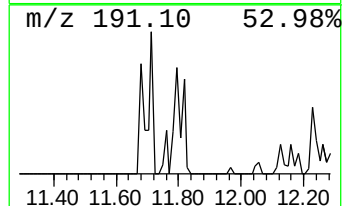
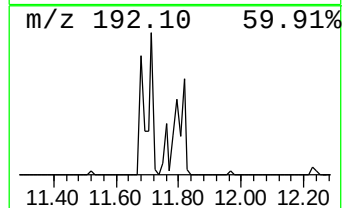
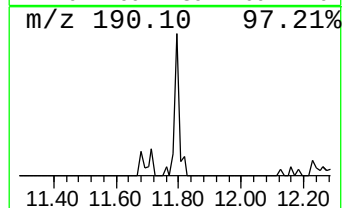
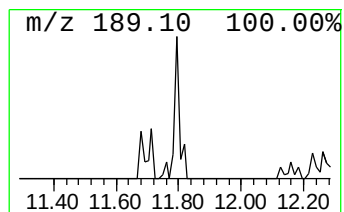
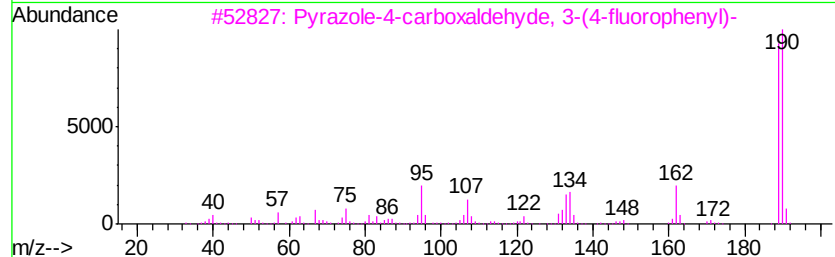
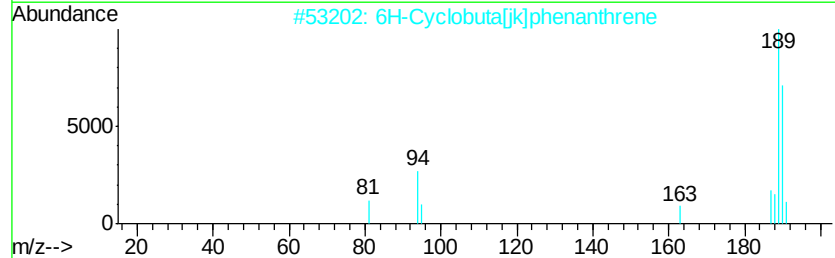
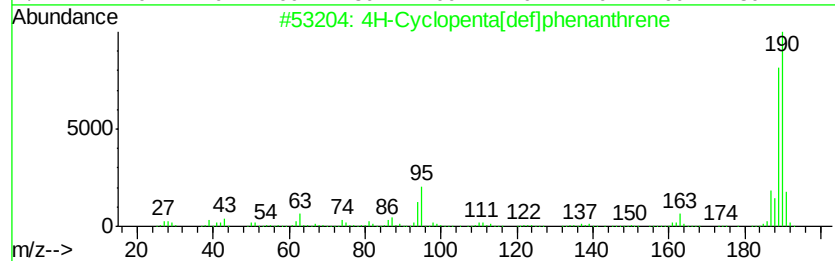
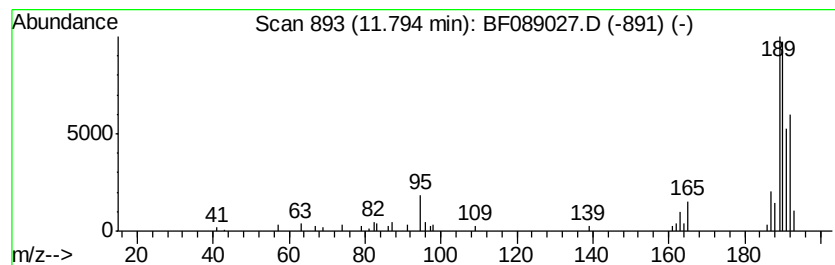
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	2.93 ng	75389	Phenanthrene-d10	11.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
3	Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	22



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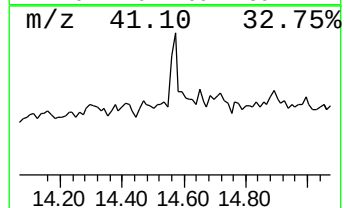
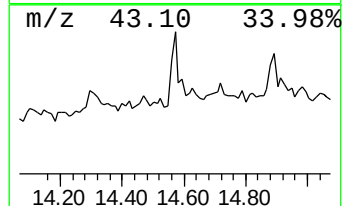
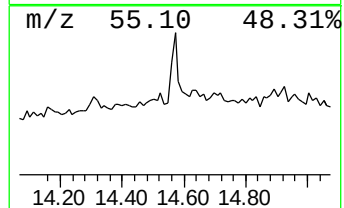
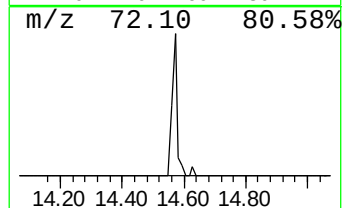
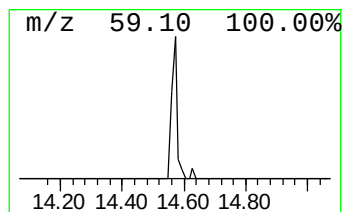
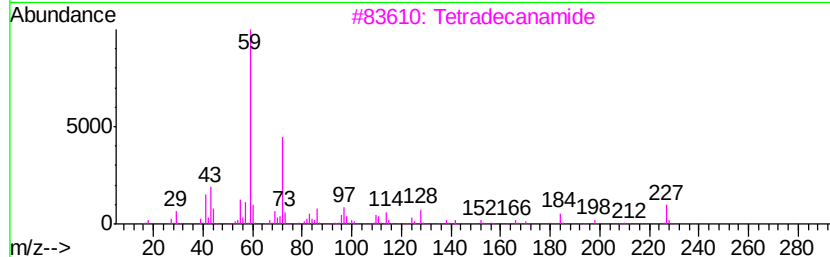
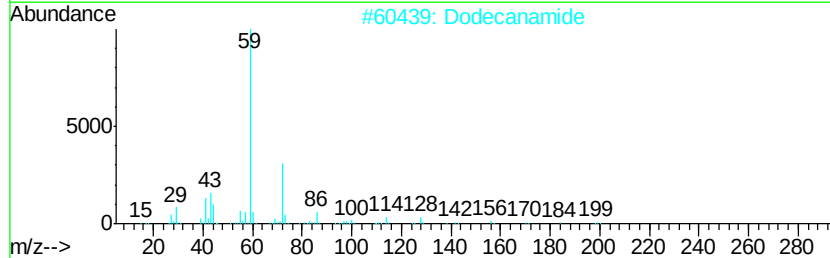
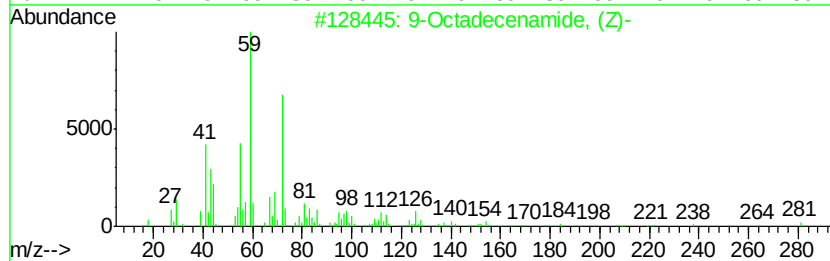
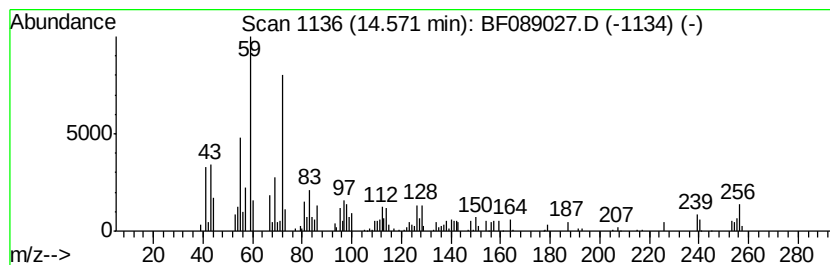
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.83 ng	67422	Perylene-d12	15.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		Dodecanamide	199	C12H25NO	001120-16-7	50
3		Tetradecanamide	227	C14H29NO	000638-58-4	47
4		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	47
5		5-Chlorovaleric acid, 2-ethoxyeth...	208	C9H17ClO3	1000331-37-3	43



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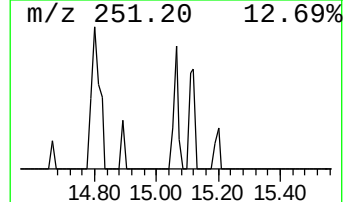
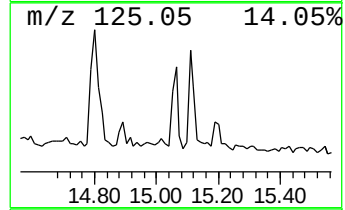
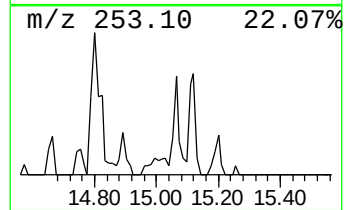
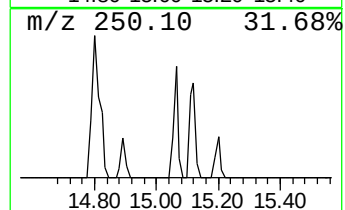
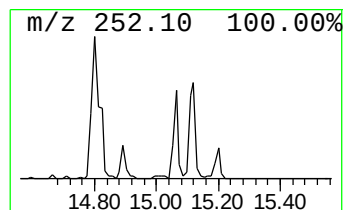
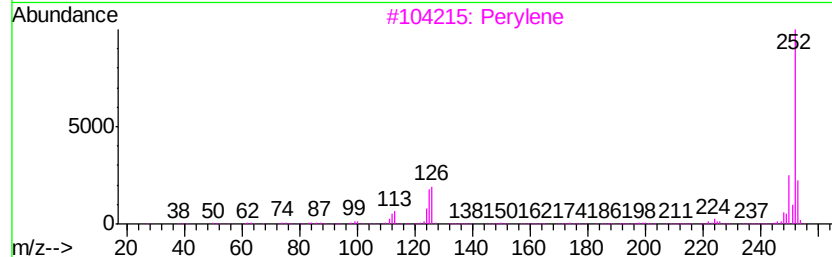
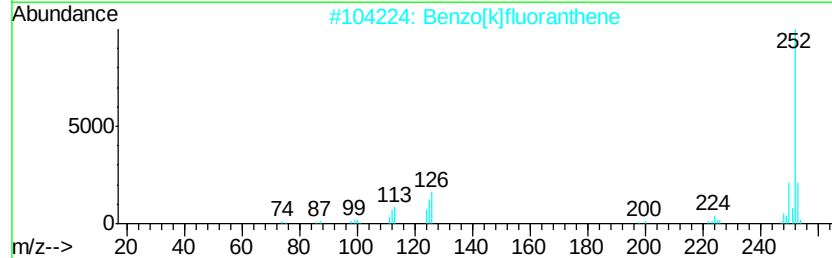
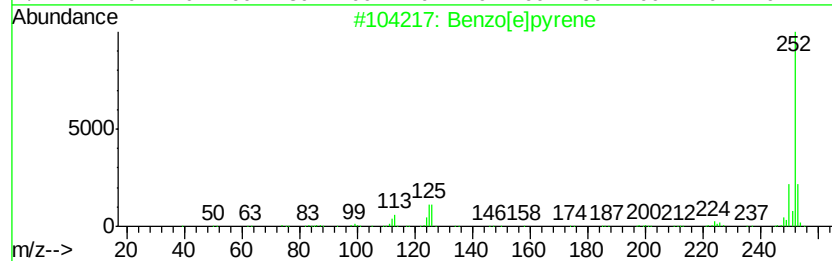
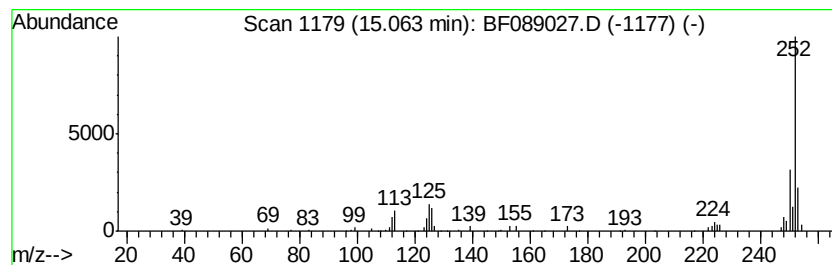
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.59 ng	41517	Perylene-d12	15.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089027.D
Acq On : 15 Jul 2016 20:30
Operator : UM/SJ
Sample : H3951-23 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-XD01

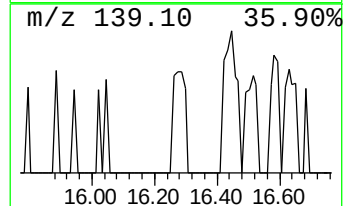
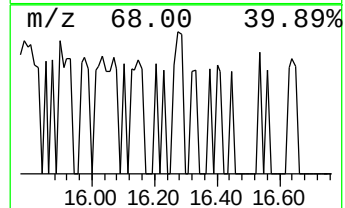
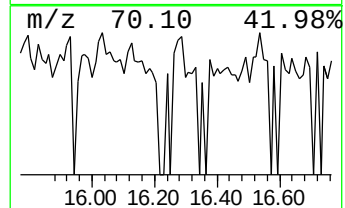
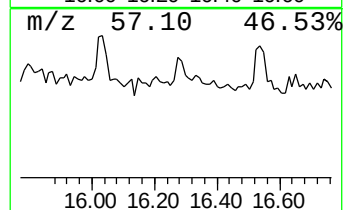
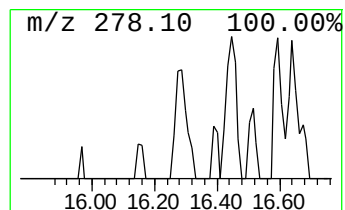
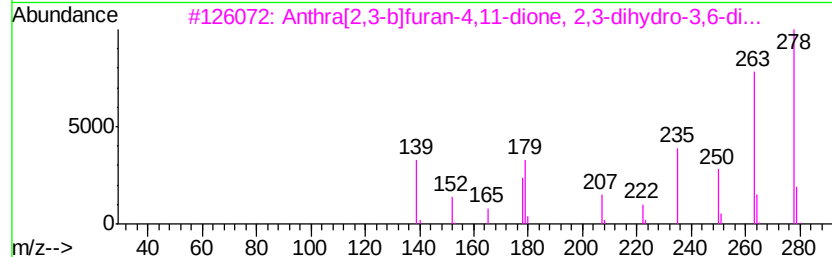
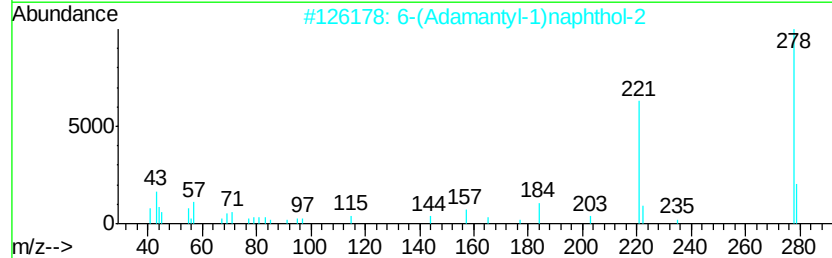
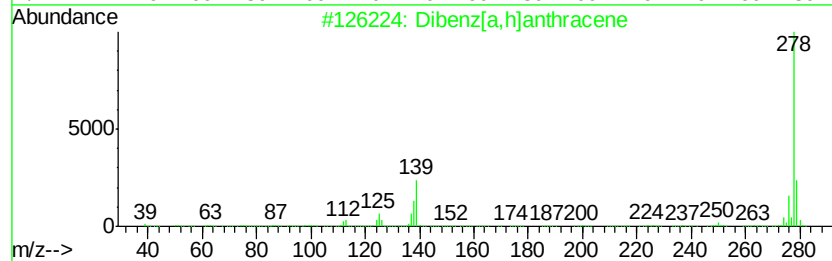
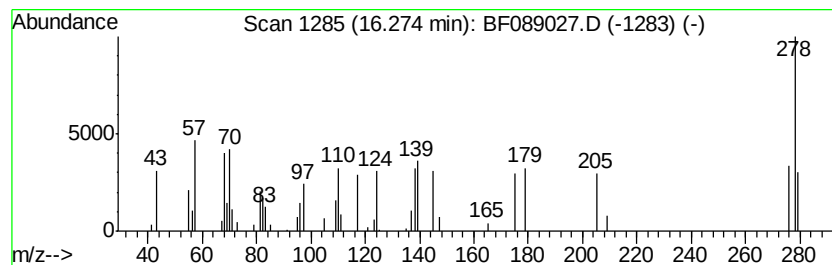
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.16 ng	24954	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	43
2		6-(Adamantyl-1)naphthol-2	278	C20H22O	037436-35-4	22
3		Anthra[2,3-b]furan-4,11-dione, 2...	278	C18H14O3	054964-97-5	9
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	9
5		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089027.D
Acq On : 15 Jul 2016 20:30
Operator : UM/SJ
Sample : H3951-23 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-XD01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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...	4.80	2.5	ng	48567	1	6.67	393460	20.0
unknown6.44	6.44	16.0	ng	313918	1	6.67	393460	20.0
4H-Cyclopenta[def...	11.79	2.9	ng	75389	4	11.19	514160	20.0
9-Octadecenamide,...	14.57	5.8	ng	67422	6	15.17	231267	20.0
Benzo[e]pyrene	15.06	3.6	ng	41517	6	15.17	231267	20.0
unknown16.27	16.27	2.2	ng	24954	6	15.17	231267	20.0