

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081923.D
 Acq On : 1 Oct 2015 1:54
 Operator : UM/IZ
 Sample : G3846-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 013-TB-11(0-4)

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-BF092815.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	5.097	256	259	270	rVB	884114	1551121	52.62%	4.725%
2	5.509	292	295	297	rBV	2535333	2650122	89.90%	8.072%
3	6.537	382	385	387	rBV	2452215	2704482	91.74%	8.238%
4	6.674	394	397	399	rBV	2878823	2879971	97.69%	8.772%
5	6.903	415	417	420	rBV	672631	665444	22.57%	2.027%
6	7.063	429	431	433	rBV	2567426	2308558	78.31%	7.032%
7	7.474	464	467	469	rBV	1730513	1805604	61.25%	5.500%
8	8.195	527	530	532	rBV	838349	879178	29.82%	2.678%
9	9.269	621	624	626	rBV	3182238	2947934	100.00%	8.979%
10	9.669	656	659	661	rBV	503780	671909	22.79%	2.047%
11	9.943	681	683	685	rBV	831048	962331	32.64%	2.931%
12	10.378	717	721	722	rBV	39594	63159	2.14%	0.192%
13	10.732	750	752	755	rBV2	1352951	1882746	63.87%	5.735%
14	10.846	760	762	767	rVB	89376	113592	3.85%	0.346%
15	11.292	799	801	803	rBV	66663	61563	2.09%	0.188%
16	11.429	811	813	818	rBV2	633355	1294573	43.91%	3.943%
17	11.509	818	820	822	rVB	64286	69798	2.37%	0.213%
18	11.669	830	834	837	rBV	42859	71119	2.41%	0.217%
19	11.726	837	839	842	rVB	25002	38011	1.29%	0.116%
20	11.966	855	860	863	rBV2	57977	132922	4.51%	0.405%
21	12.046	865	867	872	rVB2	59189	84056	2.85%	0.256%
22	12.252	882	885	893	rVB	29978	74201	2.52%	0.226%
23	12.652	917	920	922	rBV	547364	734189	24.91%	2.236%
24	12.881	936	940	942	rBV2	378597	602317	20.43%	1.835%
25	12.915	942	943	947	rVB2	27006	39828	1.35%	0.121%
26	13.018	950	952	955	rVV	1960451	2402128	81.49%	7.317%
27	13.098	957	959	961	rVV2	32632	53521	1.82%	0.163%
28	13.201	964	968	970	rBV2	37770	68188	2.31%	0.208%
29	13.304	975	977	981	rVB	37289	45099	1.53%	0.137%
30	13.589	1000	1002	1006	rBV5	24123	56106	1.90%	0.171%
31	13.715	1010	1013	1017	rBV	37810	69771	2.37%	0.213%
32	13.818	1019	1022	1024	rBV2	54505	101027	3.43%	0.308%
33	13.909	1029	1030	1036	rVV2	257580	406600	13.79%	1.238%
34	14.069	1040	1044	1052	rBV2	741621	1639698	55.62%	4.994%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.229	1056	1058	1061	rBV4	20477	41147	1.40%	0.125%
36	14.549	1083	1086	1090	rBV2	113497	219035	7.43%	0.667%
37	15.110	1132	1135	1140	rBV	284655	613871	20.82%	1.870%
38	15.212	1142	1144	1147	rVV	64341	92358	3.13%	0.281%
39	15.304	1150	1152	1156	rBV3	16662	48181	1.63%	0.147%
40	15.407	1158	1161	1164	rVV	156117	206444	7.00%	0.629%
41	15.464	1164	1166	1169	rVV	146496	221007	7.50%	0.673%
42	15.532	1169	1172	1178	rVB	564648	844858	28.66%	2.573%
43	16.035	1213	1216	1219	rBV4	28274	72831	2.47%	0.222%
44	16.973	1294	1298	1303	rBV2	77466	189684	6.43%	0.578%
45	17.395	1332	1335	1344	rVB	60303	150288	5.10%	0.458%

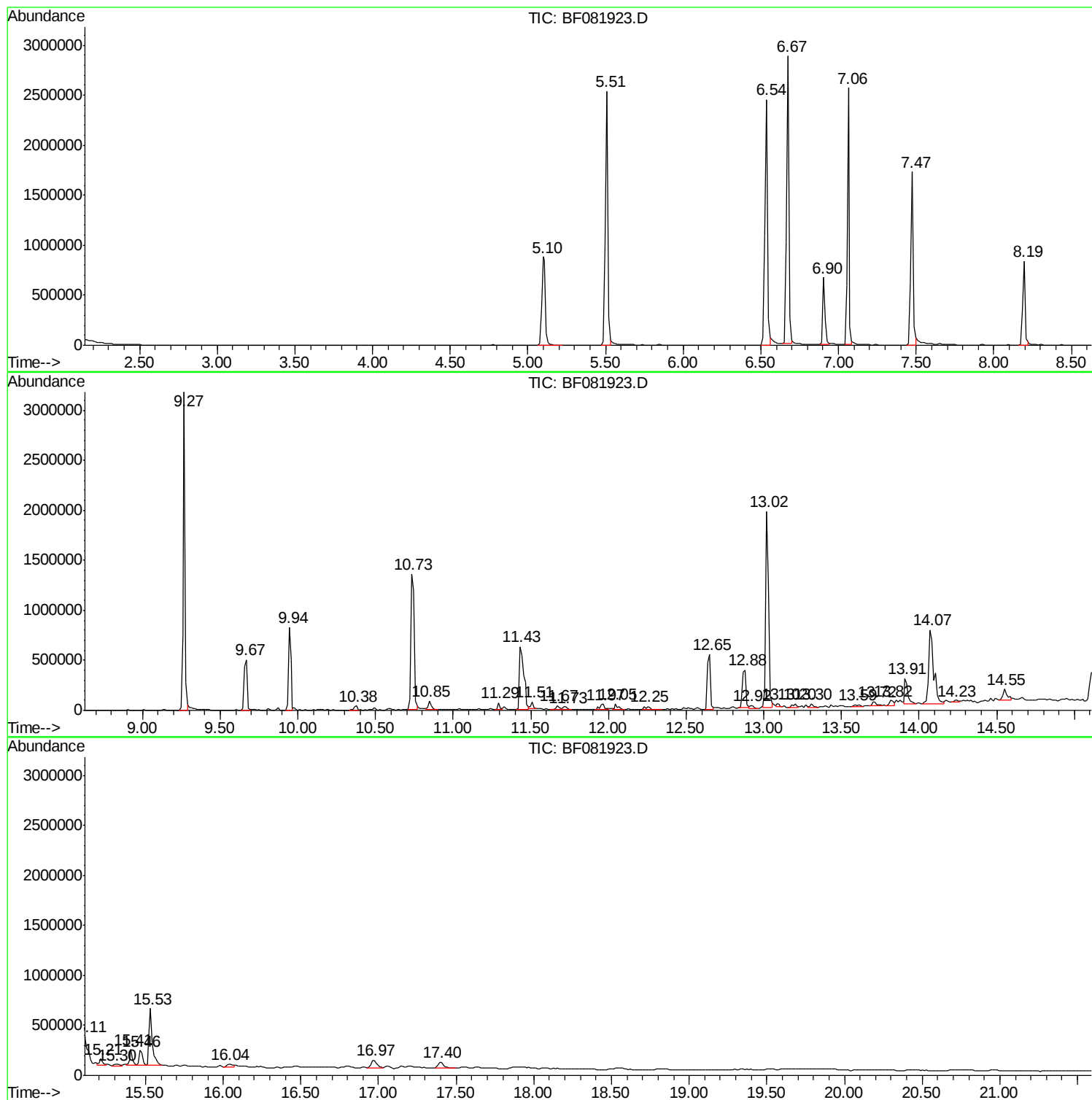
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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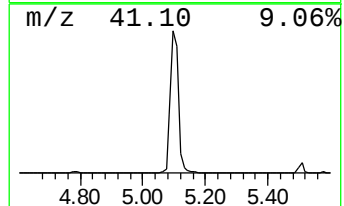
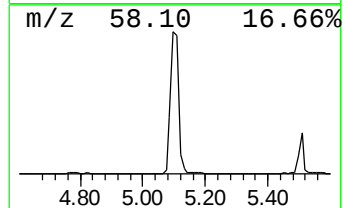
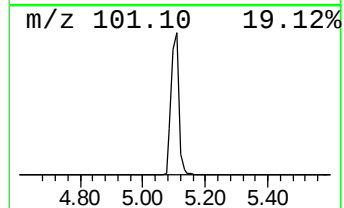
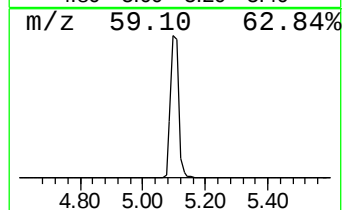
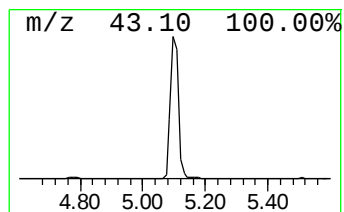
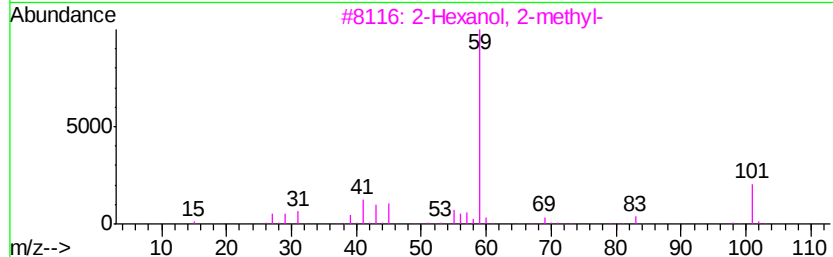
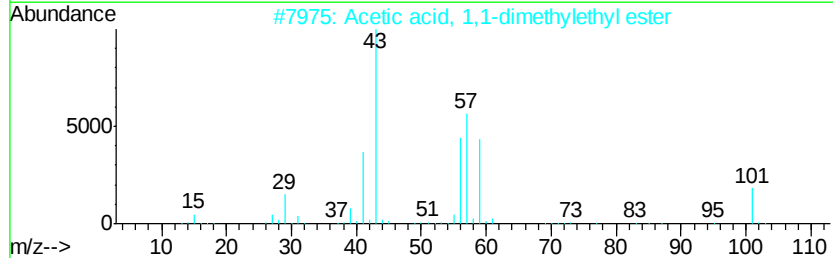
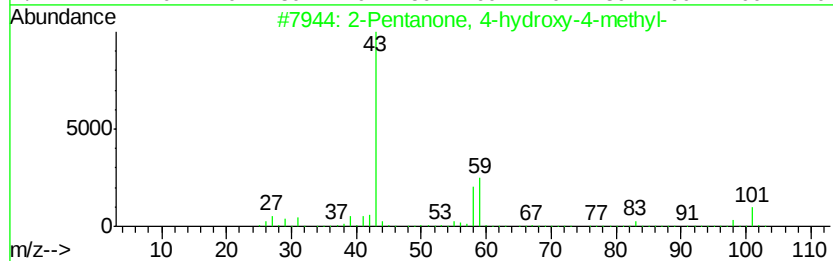
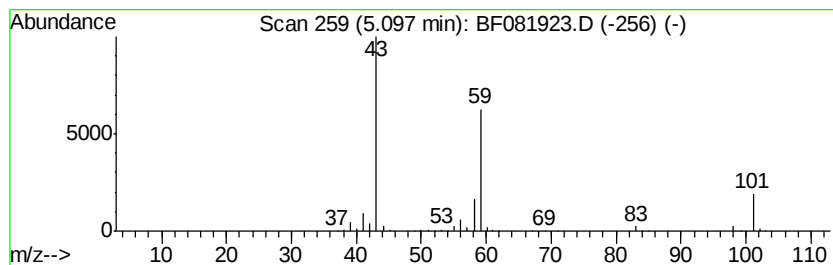
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.10	46.62 ng	1551120	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28



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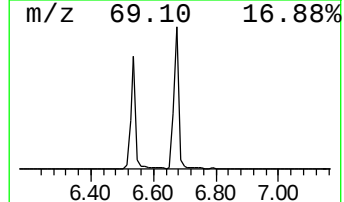
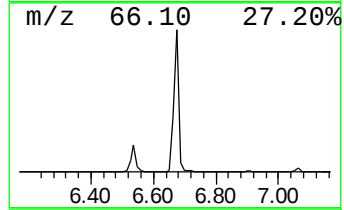
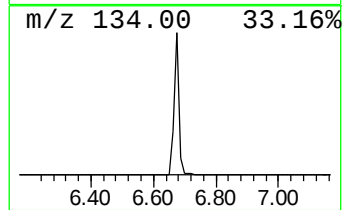
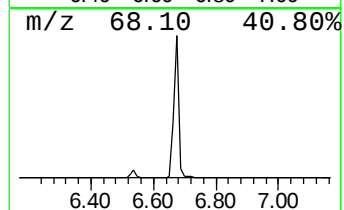
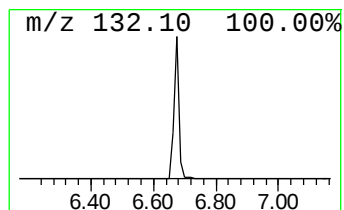
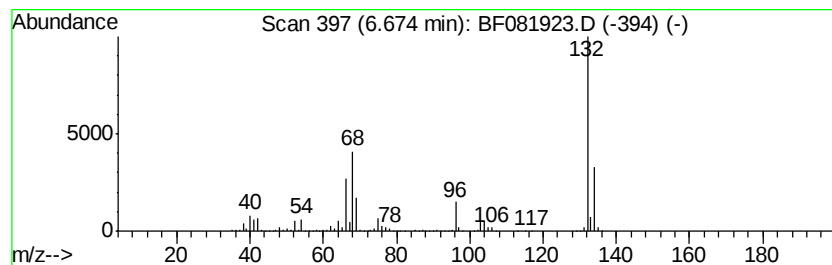
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	86.56 ng	2879970	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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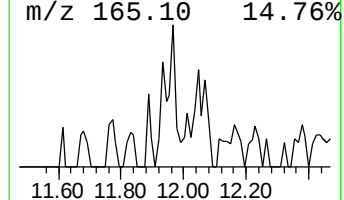
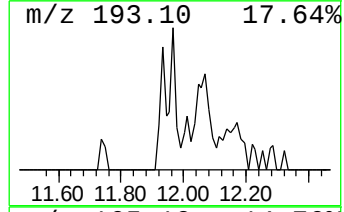
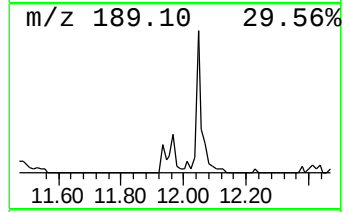
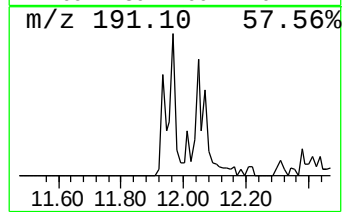
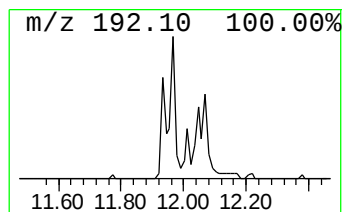
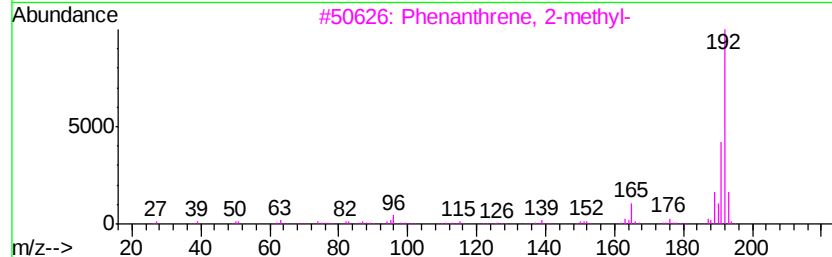
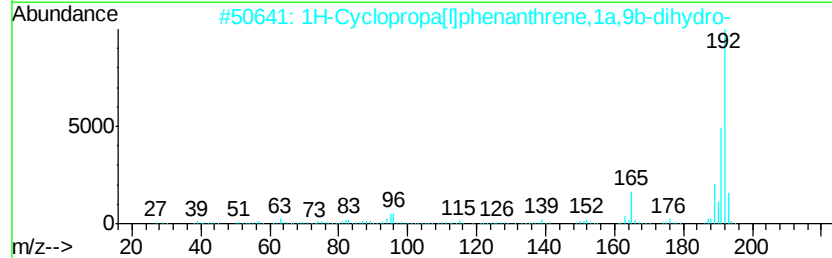
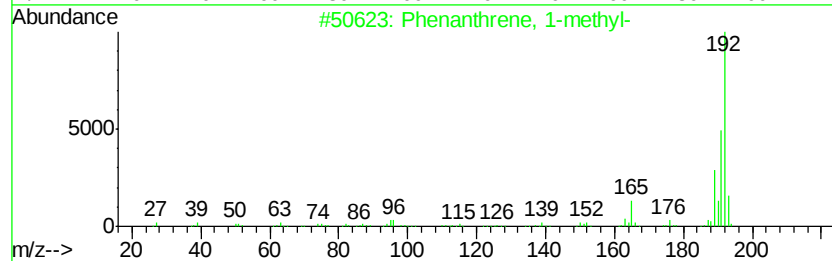
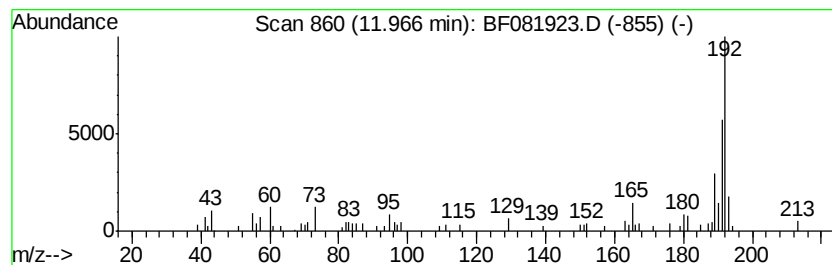
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.05 ng	132922	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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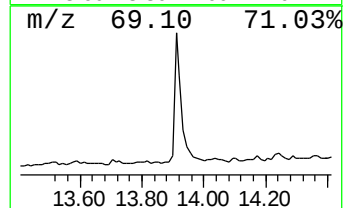
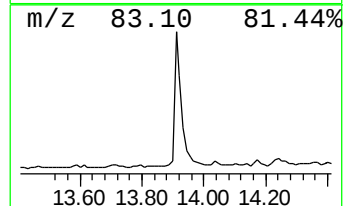
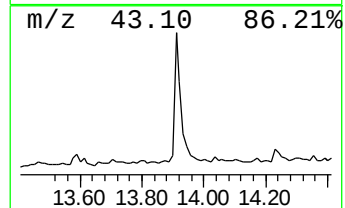
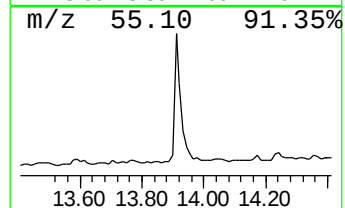
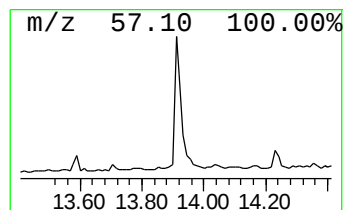
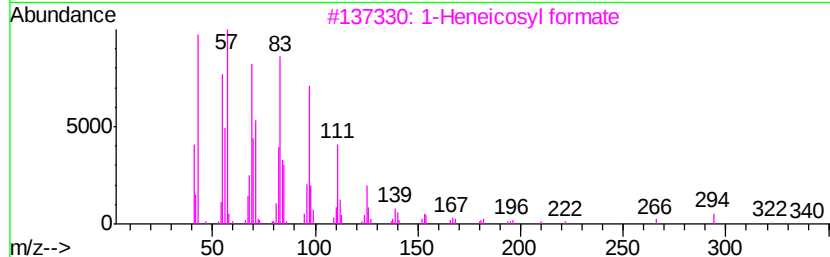
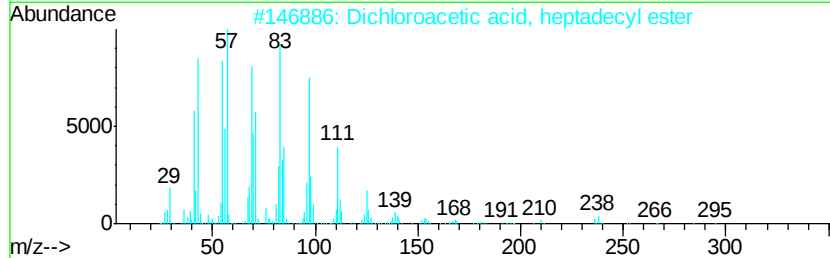
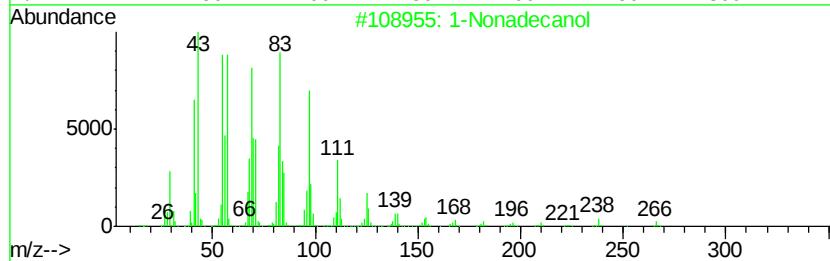
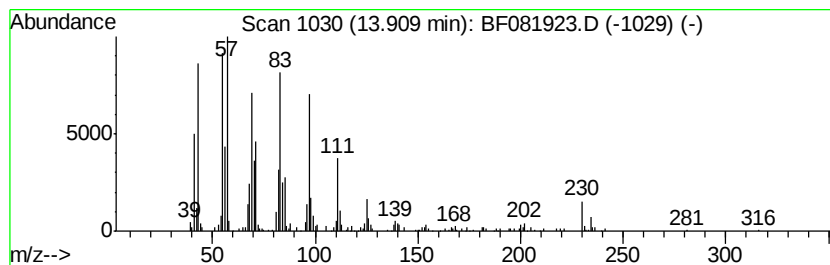
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Peak Number 5 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.96 ng	406600	Chrysene-d12	14.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol		284	C19H40O	001454-84-8	95
2	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	94
3	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
5	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	94



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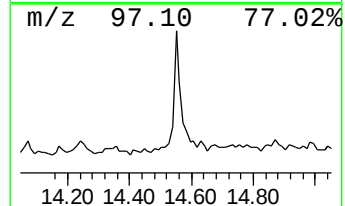
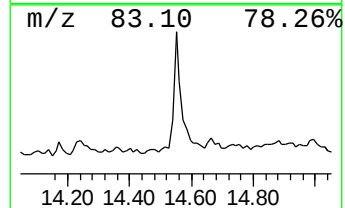
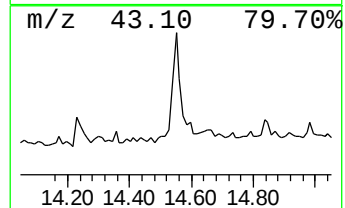
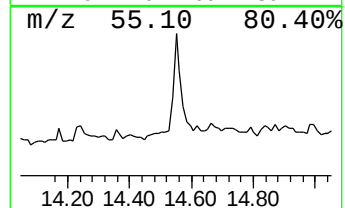
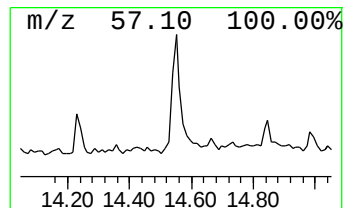
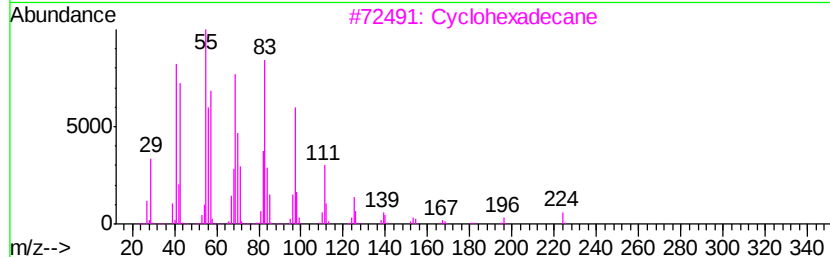
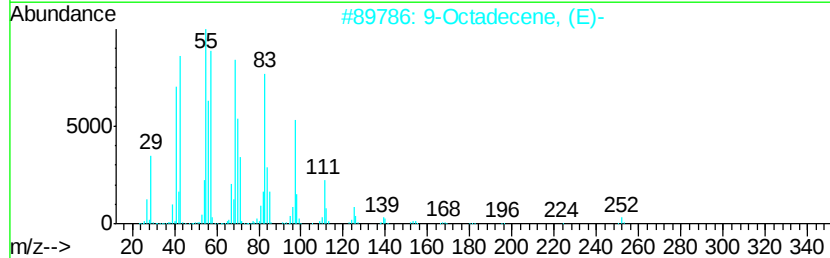
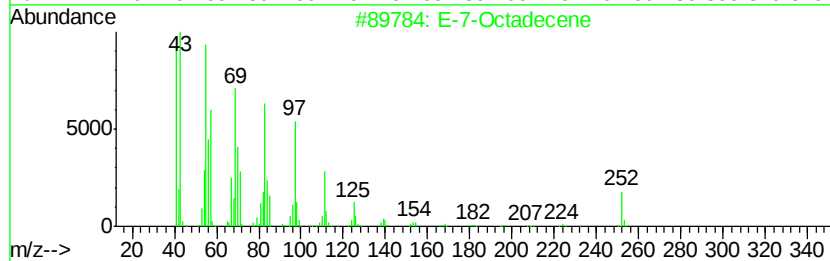
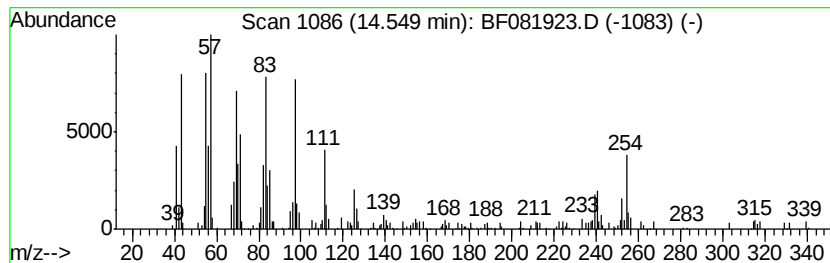
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 E-7-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.67 ng	219035	Chrysene-d12	14.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-7-Octadecene	252 C18H36	1000130-92-0	93
2	9-Octadecene, (E)-	252 C18H36	007206-25-9	91
3	Cyclohexadecane	224 C16H32	000295-65-8	87
4	Cyclotetracosane	336 C24H48	000297-03-0	81
5	1-Heneicosyl formate	340 C22H44O2	077899-03-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081923.D
Acq On : 1 Oct 2015 1:54
Operator : UM/IZ
Sample : G3846-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

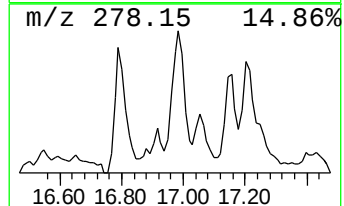
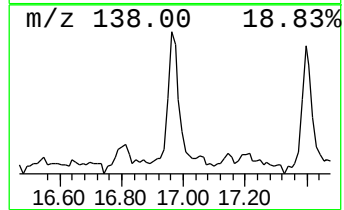
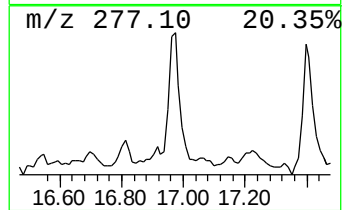
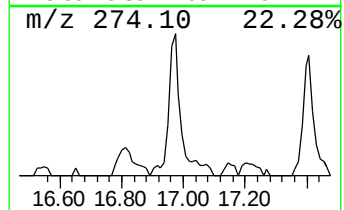
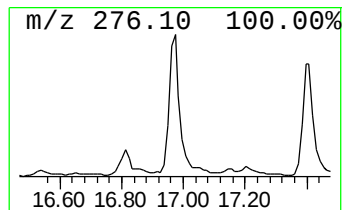
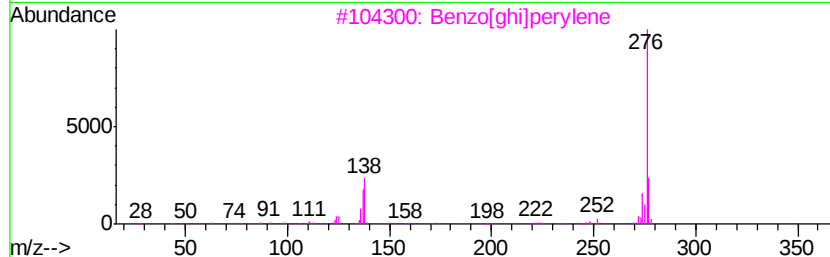
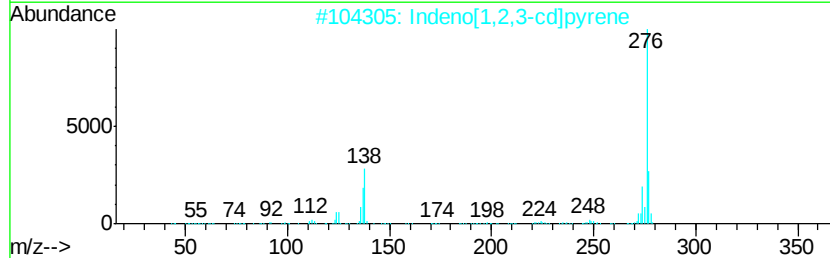
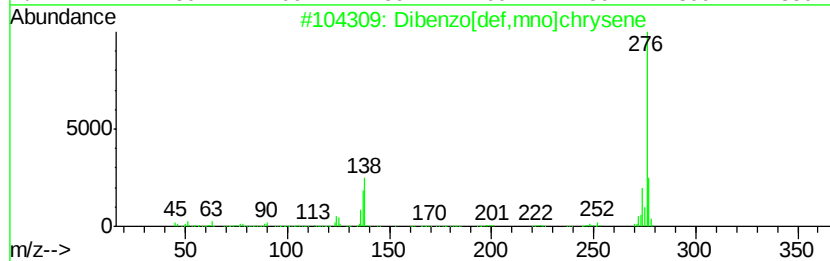
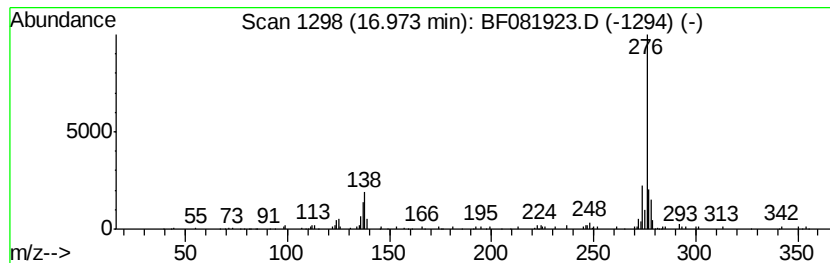
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	4.49 ng	189684	Perylene-d12	15.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	97
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	96
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
5		Ethyl 5-pentyl-2-thioxo-1,3-dith...	276	C11H16O2S3	120356-16-3	52



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.10	46.6	ng	1551120	1	6.90	665444	20.0
unknown6.67	6.67	86.6	ng	2879970	1	6.90	665444	20.0
Phenanthrene, 1-m...	11.97	2.0	ng	132922	4	11.43	1294570	20.0
1-Nonadecanol	13.91	5.0	ng	406600	5	14.08	1639700	20.0
E-7-Octadecene	14.55	2.7	ng	219035	5	14.08	1639700	20.0
Dibenzo[def,mno]c...	16.97	4.5	ng	189684	6	15.53	844858	20.0