

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087073.D
 Acq On : 15 May 2016 16:55
 Operator : UM/SJ
 Sample : H2977-06
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-11-0.5-6.0

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-BF050916.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	1.735	12	13	47	rVB	2903861	5745533	100.00%	10.020%
2	4.753	275	277	291	rBV	251785	519975	9.05%	0.907%
3	5.210	315	317	320	rBV	3331351	4390418	76.41%	7.657%
4	6.159	398	400	409	rBV	124016	199521	3.47%	0.348%
5	6.296	409	412	414	rBV	3347228	4904807	85.37%	8.554%
6	6.387	418	420	423	rBV	3727666	4249149	73.96%	7.411%
7	6.616	438	440	442	rBV	1076784	1076049	18.73%	1.877%
8	6.764	451	453	456	rBV	2475334	3357261	58.43%	5.855%
9	7.187	487	490	493	rBV	2537480	2780294	48.39%	4.849%
10	7.324	500	502	507	rVB	65872	87693	1.53%	0.153%
11	7.896	550	552	555	rBV	997995	1261114	21.95%	2.199%
12	8.982	644	647	649	rBV	4340269	4061306	70.69%	7.083%
13	9.382	680	682	684	rBV	974898	833726	14.51%	1.454%
14	9.599	699	701	703	rBV	79493	97746	1.70%	0.170%
15	9.645	703	705	707	rVV	968052	1221941	21.27%	2.131%
16	10.090	743	744	746	rVB	170199	128958	2.24%	0.225%
17	10.308	760	763	766	rBV	50913	79612	1.39%	0.139%
18	10.445	772	775	777	rBV	1947365	2375501	41.35%	4.143%
19	10.559	784	785	792	rVB	153279	215381	3.75%	0.376%
20	11.005	823	824	826	rBV	87263	101771	1.77%	0.177%
21	11.130	833	835	839	rBV2	1122911	1578501	27.47%	2.753%
22	11.199	839	841	844	rVB	128830	149742	2.61%	0.261%
23	11.382	853	857	860	rBV2	90490	159663	2.78%	0.278%
24	11.428	860	861	864	rVB	50896	60430	1.05%	0.105%
25	11.633	876	879	880	rBV	45286	70488	1.23%	0.123%
26	11.656	880	881	886	rVV2	101321	205674	3.58%	0.359%
27	11.736	886	888	893	rVB2	213097	267167	4.65%	0.466%
28	11.919	903	904	906	rBV2	52759	62865	1.09%	0.110%
29	11.953	906	907	909	rVB	83636	71542	1.25%	0.125%
30	12.171	924	926	928	rBV	40146	62699	1.09%	0.109%
31	12.216	928	930	933	rVV2	38910	81396	1.42%	0.142%
32	12.262	933	934	938	rVB	90944	101044	1.76%	0.176%
33	12.331	938	940	943	rBV	1205535	1504555	26.19%	2.624%
34	12.479	950	953	957	rVB2	60480	87915	1.53%	0.153%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.559	957	960	963	rBV	1482021	1652176	28.76%	2.881%
36	12.616	963	965	969	rVB2	52258	88170	1.53%	0.154%
37	12.719	971	974	976	rVV	2426440	3268188	56.88%	5.700%
38	12.788	976	980	982	rVB2	76525	124055	2.16%	0.216%
39	12.891	984	989	991	rBV	208991	285763	4.97%	0.498%
40	12.959	993	995	996	rBV2	124671	127657	2.22%	0.223%
41	12.994	996	998	1002	rVB2	137309	172760	3.01%	0.301%
42	13.119	1007	1009	1012	rBV2	47143	73520	1.28%	0.128%
43	13.199	1014	1016	1022	rBV3	114723	297007	5.17%	0.518%
44	13.279	1022	1023	1027	rVB3	47864	87114	1.52%	0.152%
45	13.405	1030	1034	1036	rBV	83055	143739	2.50%	0.251%
46	13.508	1040	1043	1044	rBV	131288	148933	2.59%	0.260%
47	13.622	1050	1053	1056	rBV3	110830	277090	4.82%	0.483%
48	13.759	1060	1065	1071	rBV3	1446941	3072893	53.48%	5.359%
49	13.862	1071	1074	1075	rBV	163428	173683	3.02%	0.303%
50	14.148	1094	1099	1100	rBV2	123628	272811	4.75%	0.476%
51	14.228	1104	1106	1108	rBV2	95525	159972	2.78%	0.279%
52	14.525	1130	1132	1134	rBV2	50743	97318	1.69%	0.170%
53	14.754	1149	1152	1156	rBV	825124	1451584	25.26%	2.532%
54	14.845	1159	1160	1162	rVB	139515	120773	2.10%	0.211%
55	15.017	1172	1175	1177	rBV	330817	445159	7.75%	0.776%
56	15.062	1177	1179	1182	rVV	530967	702115	12.22%	1.225%
57	15.119	1182	1184	1191	rVB2	852345	1243312	21.64%	2.168%
58	16.365	1290	1293	1296	rBV	202955	369788	6.44%	0.645%
59	16.742	1323	1326	1333	rBV	154837	331394	5.77%	0.578%

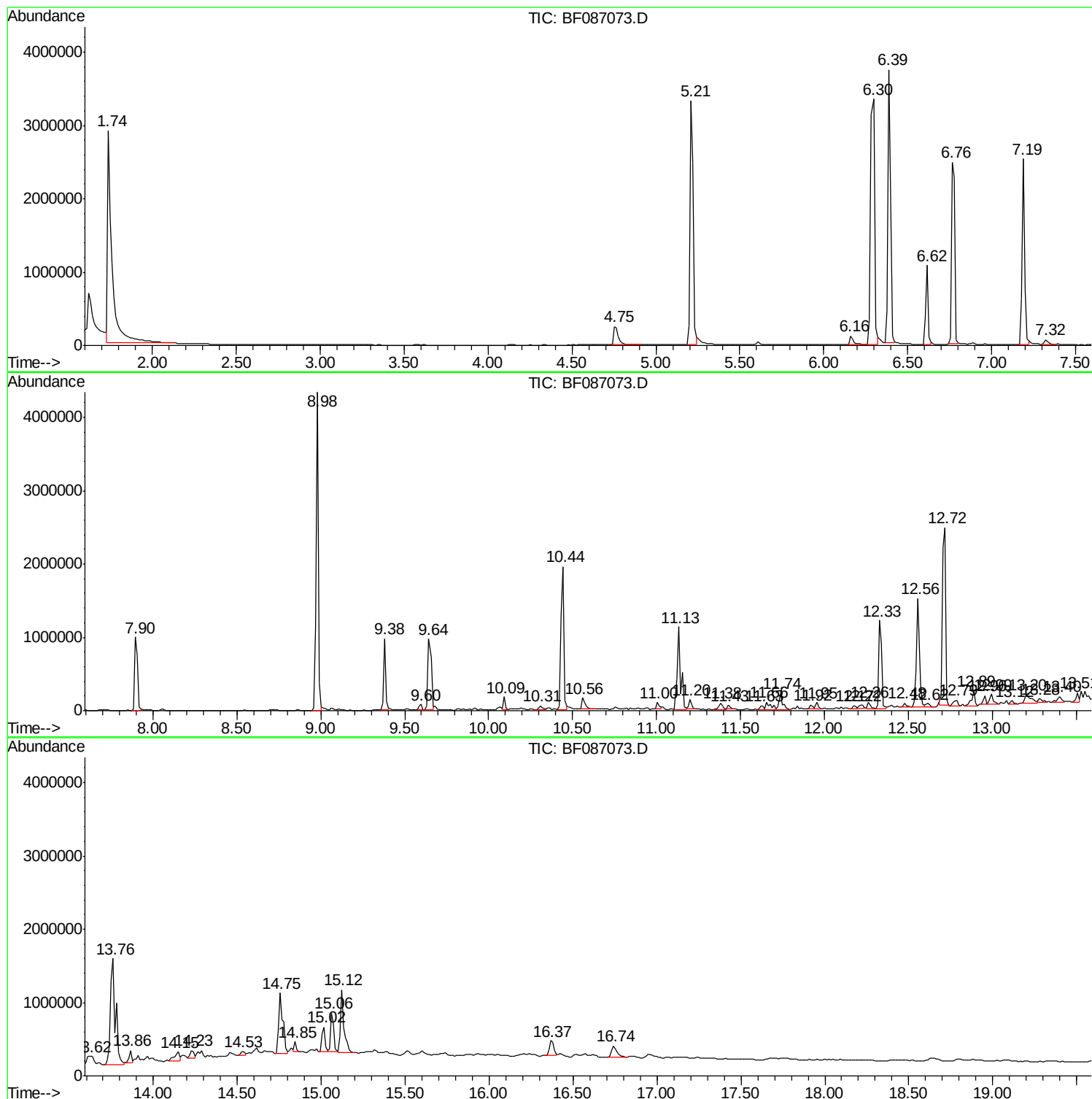
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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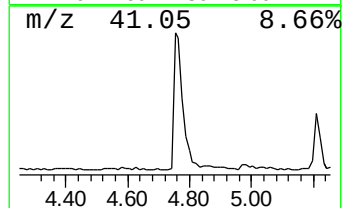
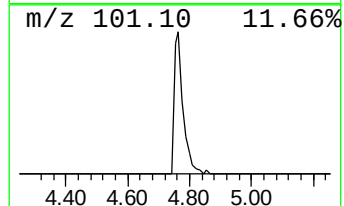
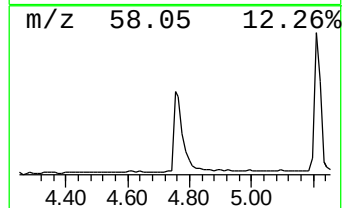
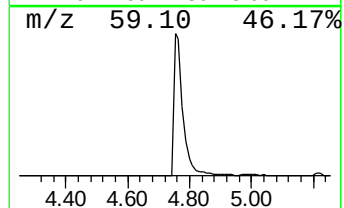
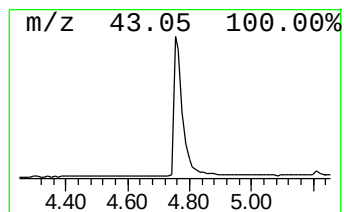
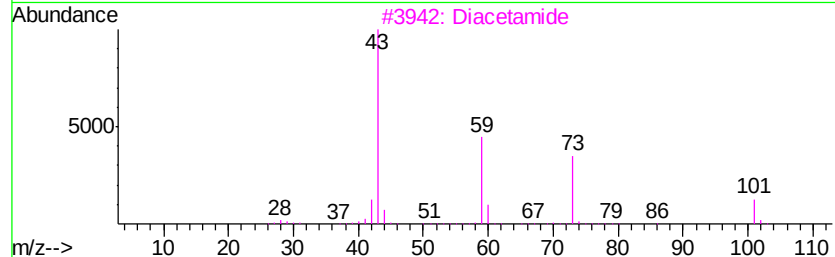
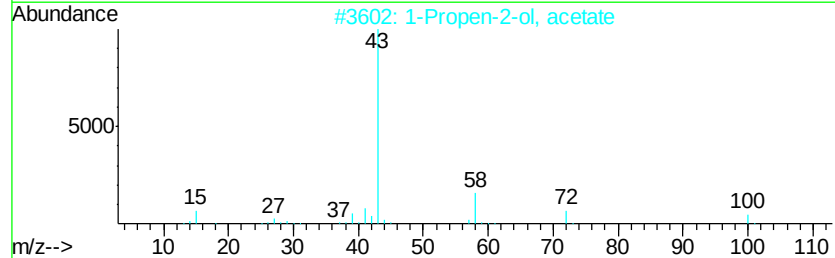
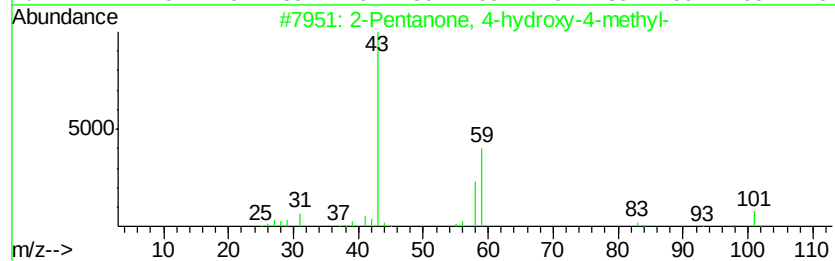
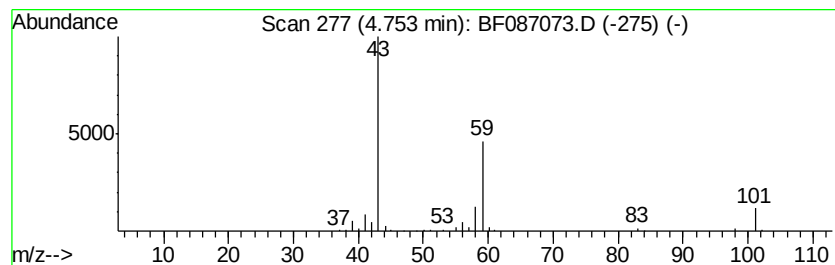
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	9.66 ng	519975	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3			Diacetamide	101	C4H7NO2	000625-77-4	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9



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Instrument :
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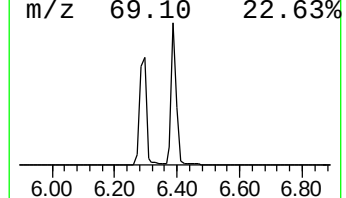
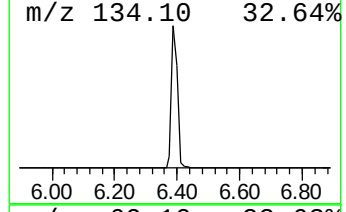
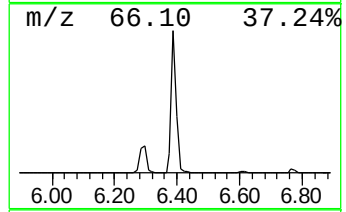
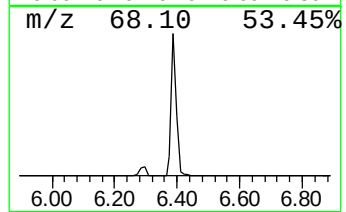
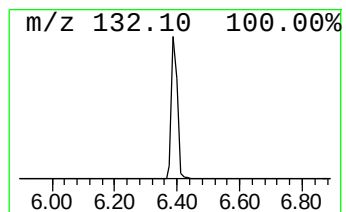
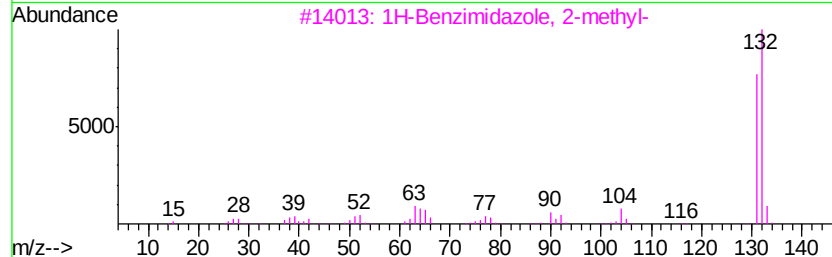
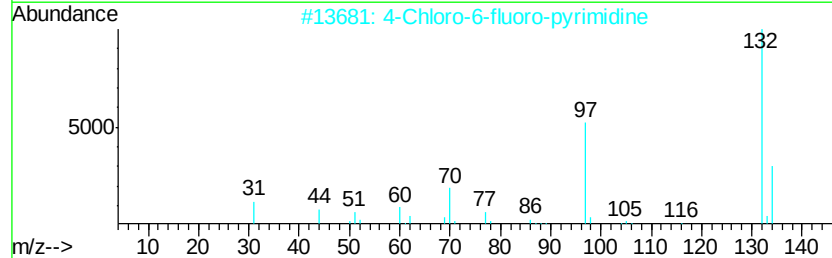
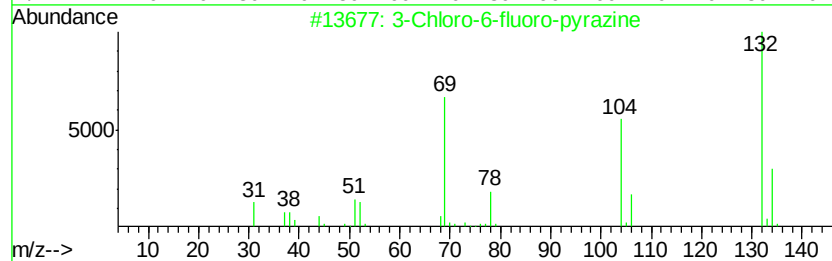
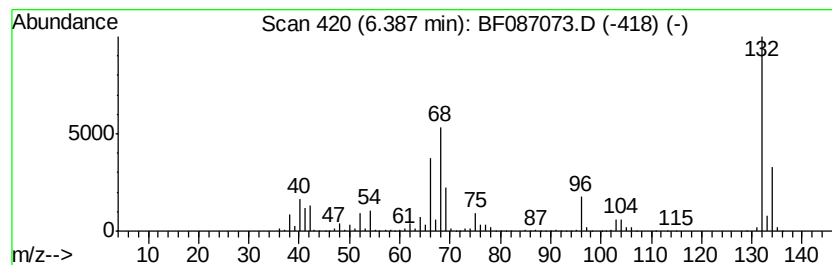
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	78.98 ng	4249150	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		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	22



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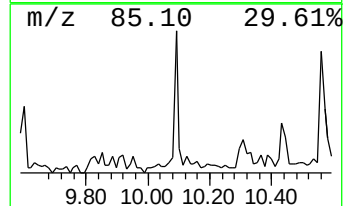
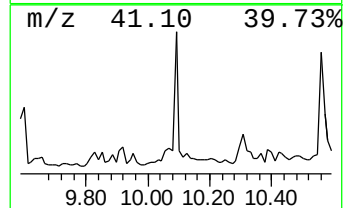
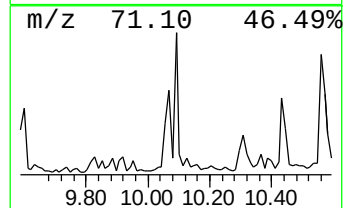
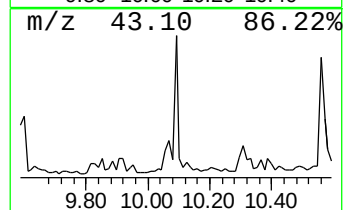
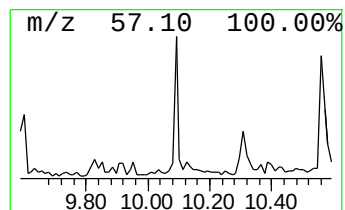
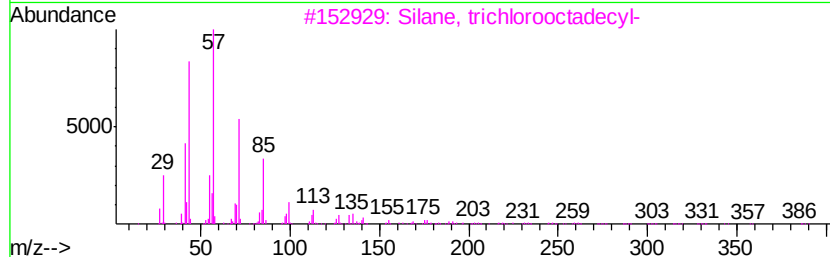
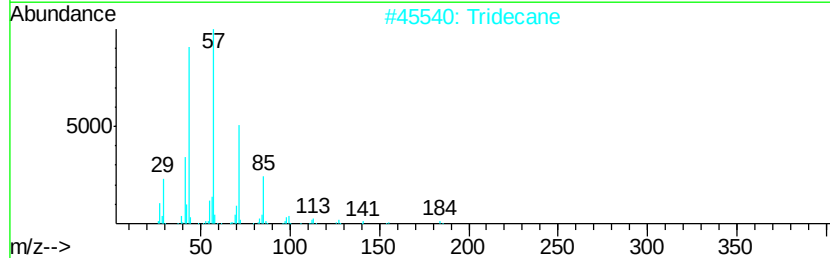
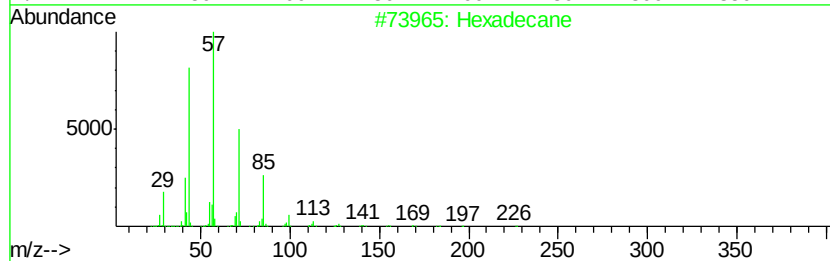
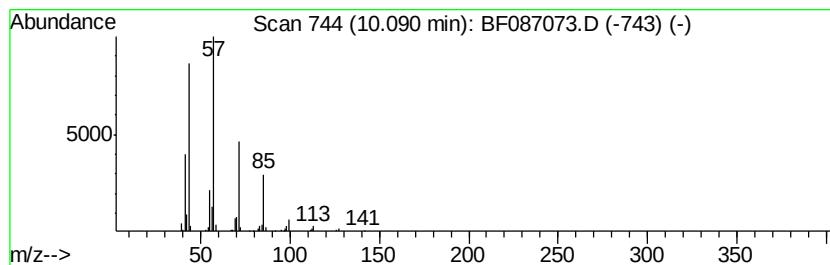
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.11 ng	128958	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Tridecane	184 C13H28	000629-50-5	90
3	Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9	90
4	Pentadecane	212 C15H32	000629-62-9	86
5	Octadecane	254 C18H38	000593-45-3	86



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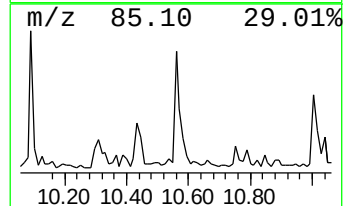
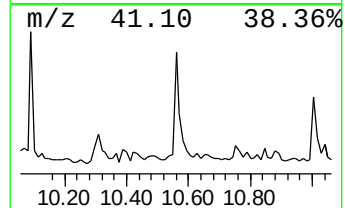
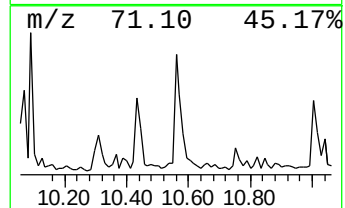
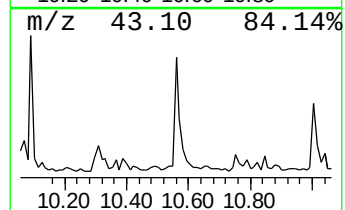
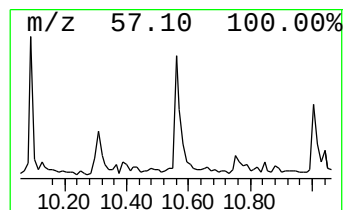
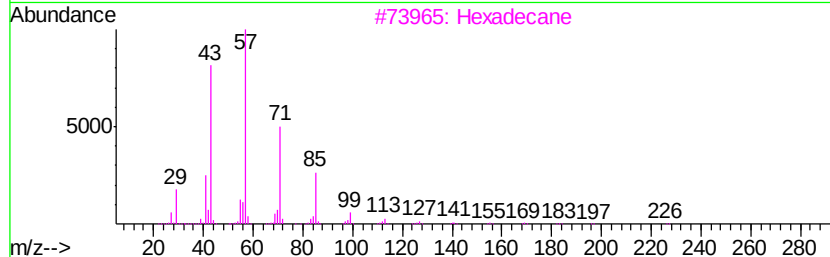
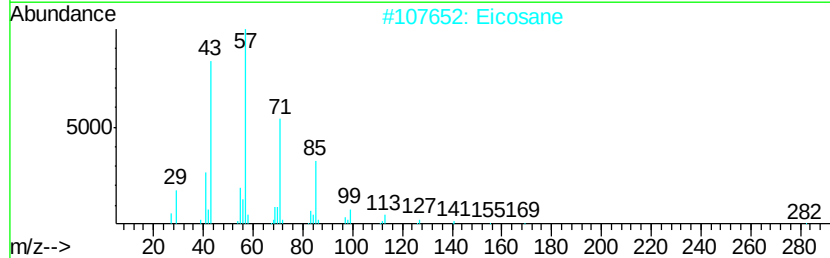
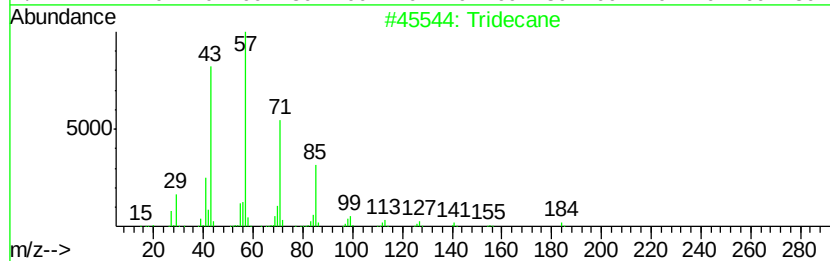
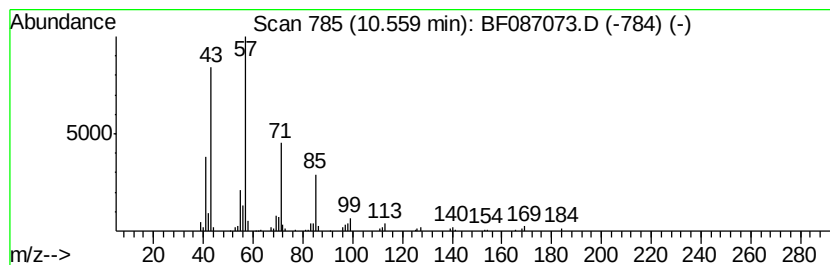
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.56	2.73 ng	215381	Phenanthrene-d10		11.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Octadecane	254	C18H38	000593-45-3	90



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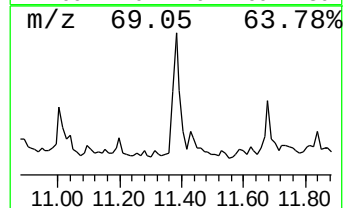
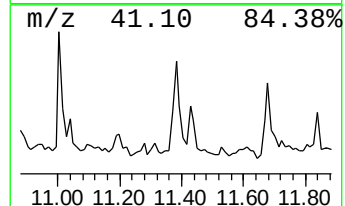
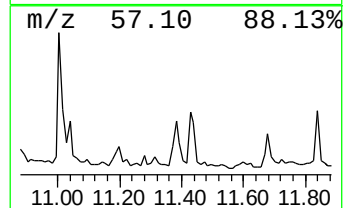
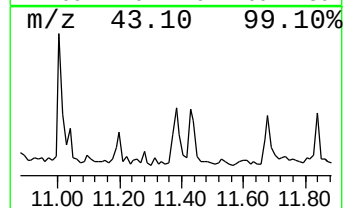
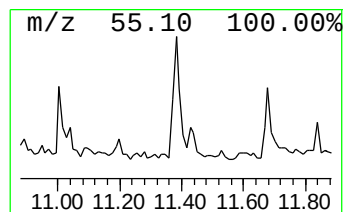
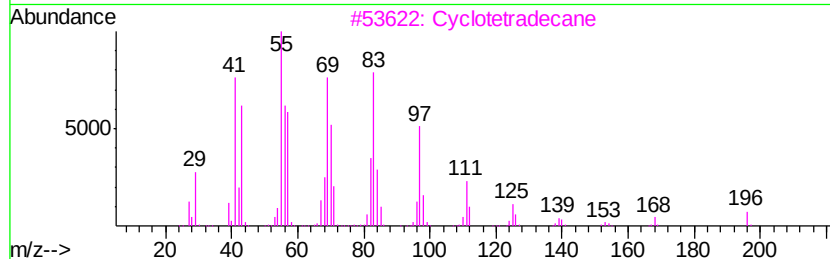
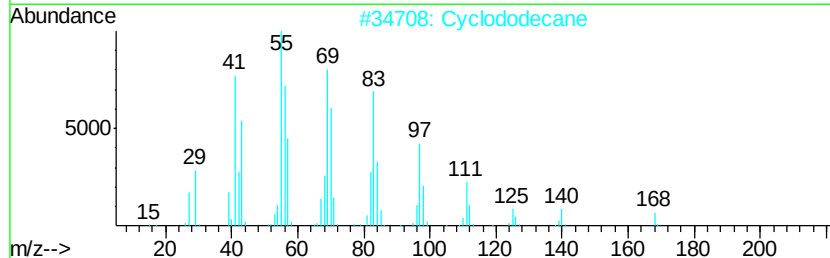
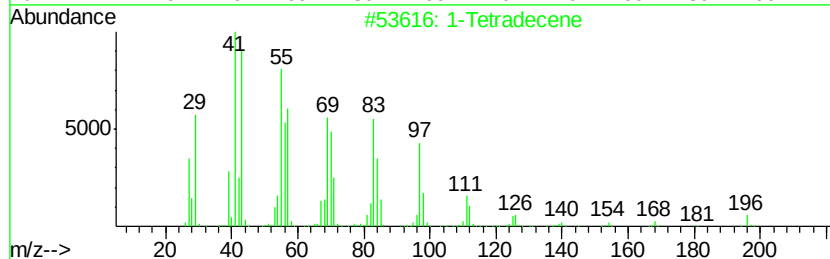
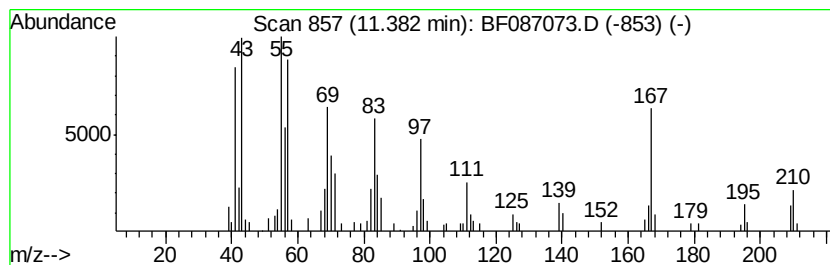
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BNA_F
ClientSampleId :
90TH-AVE-SB-11-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Tetradecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.38	2.02 ng	159663	Phenanthrene-d10		11.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetradecene	196	C14H28	001120-36-1	96
2			Cyclododecane	168	C12H24	000294-62-2	95
3			Cyclotetradecane	196	C14H28	000295-17-0	93
4			Cyclododecane, ethyl-	196	C14H28	028981-49-9	90
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087073.D
Acq On : 15 May 2016 16:55
Operator : UM/SJ
Sample : H2977-06
Misc :
ALS Vial : 92 Sample Multiplier: 1

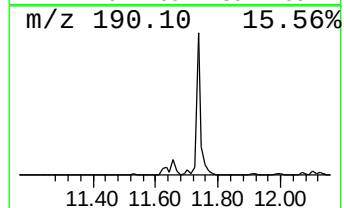
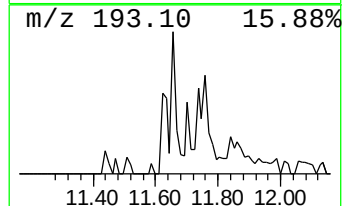
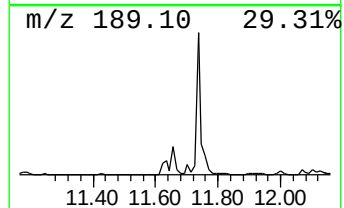
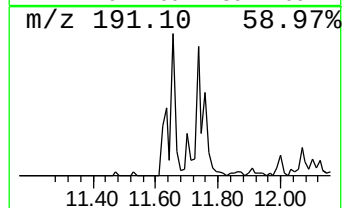
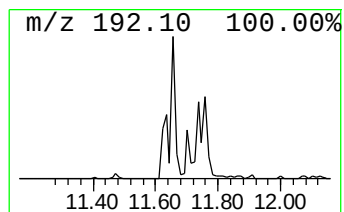
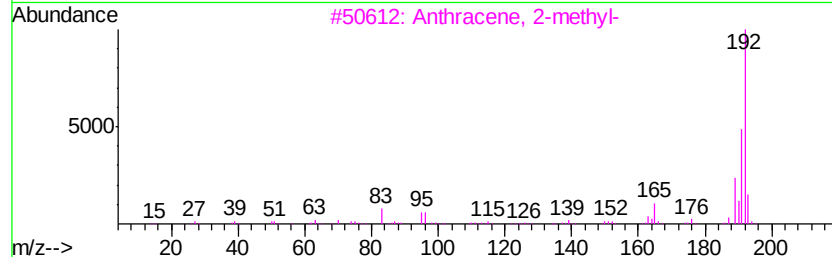
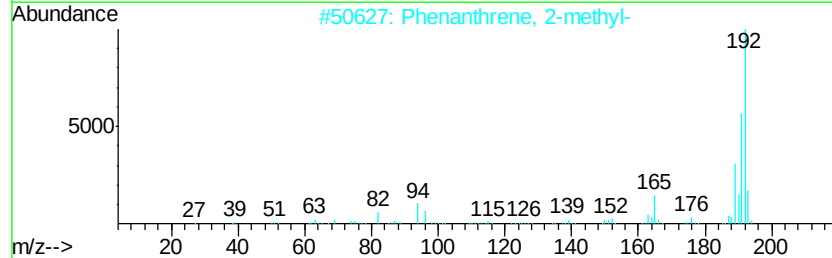
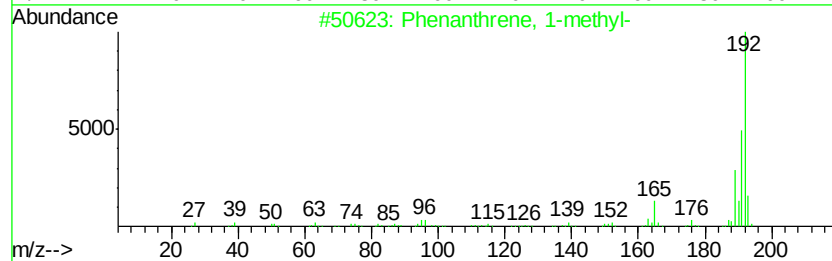
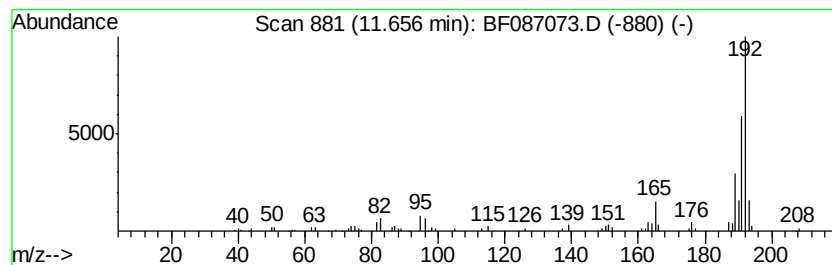
Instrument :
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ClientSampleId :
90TH-AVE-SB-11-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	2.61 ng	205674	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087073.D
Acq On : 15 May 2016 16:55
Operator : UM/SJ
Sample : H2977-06
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-11-0.5-6.0

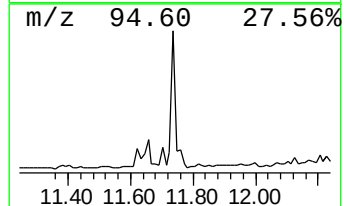
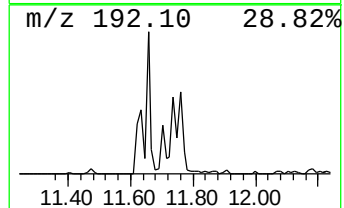
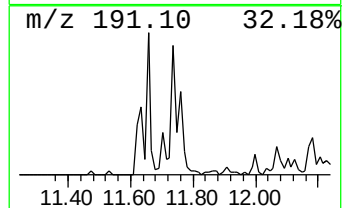
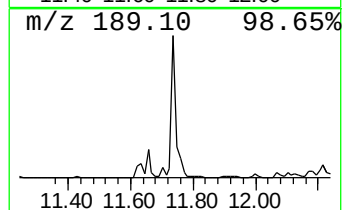
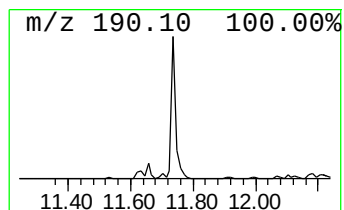
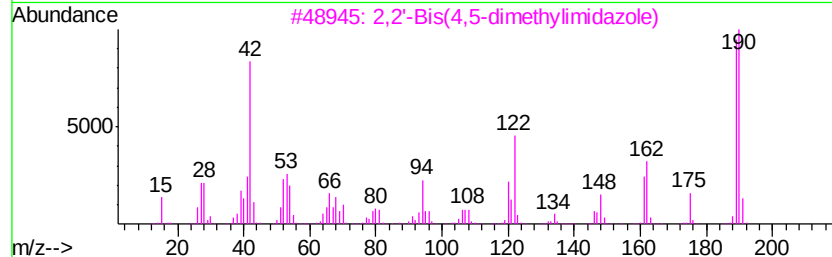
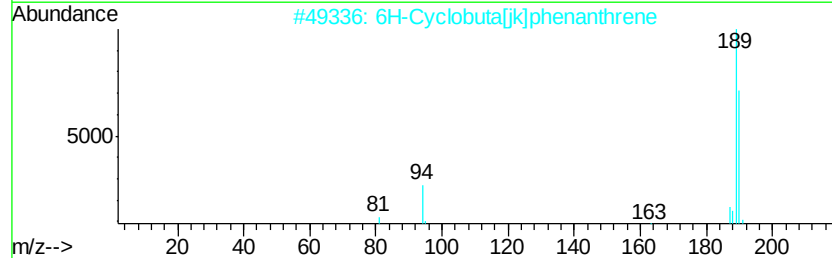
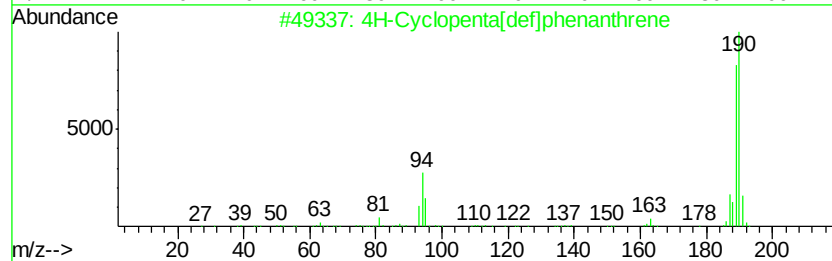
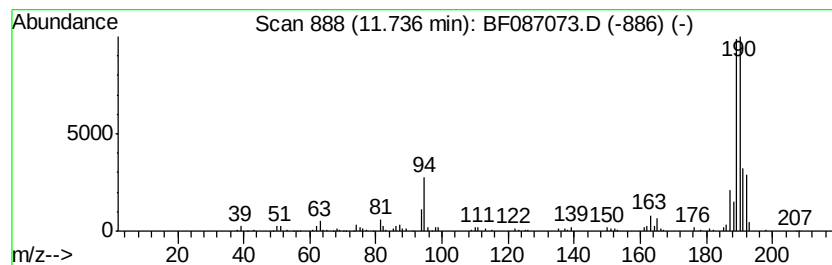
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.39 ng	267167	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Acq On : 15 May 2016 16:55
Operator : UM/SJ
Sample : H2977-06
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-11-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.75	9.7	ng	519975	1	6.62	1076050	20.0
unknown6.39	6.39	79.0	ng	4249150	1	6.62	1076050	20.0
Hexadecane	10.09	2.1	ng	128958	3	9.64	1221940	20.0
Tridecane	10.56	2.7	ng	215381	4	11.13	1578500	20.0
1-Tetradecene	11.38	2.0	ng	159663	4	11.13	1578500	20.0
Phenanthrene, 1-m...	11.66	2.6	ng	205674	4	11.13	1578500	20.0
4H-Cyclopenta[def...	11.74	3.4	ng	267167	4	11.13	1578500	20.0