

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090579.D
 Acq On : 14 Oct 2016 19:45
 Operator : UM/SJ
 Sample : H5264-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEWARK-POMPTON

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-BF101316.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	2.543	15	18	25	rBV5	7680	37009	1.50%	0.128%
2	5.091	239	241	246	rBV	160107	187339	7.58%	0.647%
3	5.514	276	278	291	rBV	562127	794165	32.13%	2.741%
4	6.543	366	368	378	rBV	432551	730920	29.57%	2.523%
5	6.680	378	380	384	rBV	691328	789437	31.93%	2.725%
6	6.920	399	401	412	rBV	691693	975839	39.47%	3.368%
7	7.069	412	414	422	rVV	546802	718237	29.05%	2.479%
8	7.183	422	424	428	rVB	33758	49287	1.99%	0.170%
9	7.480	448	450	460	rBV	231012	407964	16.50%	1.408%
10	7.949	487	491	493	rBV4	15994	37726	1.53%	0.130%
11	7.983	493	494	501	rVB5	13534	36428	1.47%	0.126%
12	8.200	511	513	526	rBV2	965697	1899075	76.82%	6.555%
13	8.623	549	550	553	rBV2	14518	28319	1.15%	0.098%
14	8.795	564	565	568	rBV	21558	24856	1.01%	0.086%
15	8.920	574	576	582	rBV	247413	261034	10.56%	0.901%
16	9.012	582	584	589	rVB	167589	227353	9.20%	0.785%
17	9.275	605	607	613	rBV	527193	889927	36.00%	3.072%
18	9.366	613	615	624	rVV2	41284	131715	5.33%	0.455%
19	9.480	624	625	628	rVB	28424	32897	1.33%	0.114%
20	9.549	628	631	635	rBV	74818	127281	5.15%	0.439%
21	9.618	635	637	638	rVV	152006	147894	5.98%	0.510%
22	9.640	638	639	641	rVV	68517	100758	4.08%	0.348%
23	9.675	641	642	646	rVV	109535	122325	4.95%	0.422%
24	9.732	646	647	651	rVB	47618	78435	3.17%	0.271%
25	9.823	653	655	657	rBV	73796	80551	3.26%	0.278%
26	9.892	660	661	665	rBV	35041	31545	1.28%	0.109%
27	9.960	665	667	669	rVV	1616197	1472420	59.56%	5.082%
28	9.995	669	670	672	rVV	363932	302936	12.25%	1.046%
29	10.063	675	676	679	rVB2	22582	29836	1.21%	0.103%
30	10.120	679	681	683	rBV3	27761	40312	1.63%	0.139%
31	10.166	683	685	687	rVV	144113	177508	7.18%	0.613%
32	10.200	687	688	693	rVB3	60417	77971	3.15%	0.269%
33	10.280	693	695	696	rBV	34747	38358	1.55%	0.132%
34	10.395	701	705	706	rBV3	53259	94727	3.83%	0.327%

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35	10.509	712	715	718 rBV	263616	311206	12.59%	1.074%
36	10.612	718	724	726 rVB5	32552	99851	4.04%	0.345%
37	10.669	726	729	731 rVB2	44241	54255	2.19%	0.187%
38	10.749	733	736	743 rBV	367547	492835	19.94%	1.701%
39	10.875	745	747	751 rVB	69444	121155	4.90%	0.418%
40	11.058	760	763	764 rBV2	65971	98380	3.98%	0.340%
41	11.081	764	765	768 rVB2	30203	37629	1.52%	0.130%
42	11.138	768	770	772 rVB	31899	35980	1.46%	0.124%
43	11.206	772	776	779 rBV4	30293	67138	2.72%	0.232%
44	11.309	782	785	787 rBV2	39704	64424	2.61%	0.222%
45	11.343	787	788	795 rVB	96222	134764	5.45%	0.465%
46	11.469	795	799	802 rBV2	1175718	2472053	100.00%	8.532%
47	11.526	802	804	811 rVB	267187	431756	17.47%	1.490%
48	11.698	816	819	822 rBV3	47910	112358	4.55%	0.388%
49	11.743	822	823	825 rVV	58592	48257	1.95%	0.167%
50	11.778	825	826	829 rVB	26548	36295	1.47%	0.125%
51	11.949	839	841	842 rBV	141118	156165	6.32%	0.539%
52	11.983	842	844	846 rVV	145145	200890	8.13%	0.693%
53	12.029	846	848	849 rVV	51057	67479	2.73%	0.233%
54	12.063	849	851	855 rVV2	243997	406048	16.43%	1.401%
55	12.155	857	859	860 rVB	19273	25174	1.02%	0.087%
56	12.246	865	867	873 rBV2	57183	111495	4.51%	0.385%
57	12.395	877	880	881 rBV2	38438	63411	2.57%	0.219%
58	12.429	881	883	887 rVB2	48560	78756	3.19%	0.272%
59	12.498	887	889	891 rBV	121804	151858	6.14%	0.524%
60	12.532	891	892	895 rVB	72588	106470	4.31%	0.367%
61	12.589	895	897	901 rVB3	54689	97771	3.96%	0.337%
62	12.658	901	903	910 rBV	980688	1272343	51.47%	4.392%
63	12.818	915	917	920 rVB3	37547	56026	2.27%	0.193%
64	12.886	920	923	927 rBV	914573	1290655	52.21%	4.455%
65	13.035	933	936	940 rBV	480114	622743	25.19%	2.149%
66	13.104	940	942	946 rVB3	66778	113423	4.59%	0.391%
67	13.218	949	952	954 rVB	118757	178834	7.23%	0.617%
68	13.286	954	958	959 rBV2	84513	121520	4.92%	0.419%
69	13.321	959	961	965 rVB2	104666	161261	6.52%	0.557%
70	13.412	968	969	971 rBV	57951	53448	2.16%	0.184%
71	13.446	971	972	974 rBV	54359	47390	1.92%	0.164%

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72	13.618	984	987	988	rBV3	43244	82031	3.32%	0.283%
73	13.847	1003	1007	1008	rBV2	72678	149738	6.06%	0.517%
74	13.938	1013	1015	1020	rVB2	96101	187078	7.57%	0.646%
75	14.087	1025	1028	1035	rBV	1021936	2283073	92.36%	7.880%
76	14.475	1060	1062	1064	rBV	74945	116841	4.73%	0.403%
77	15.127	1117	1119	1124	rBV	405661	1020145	41.27%	3.521%
78	15.435	1143	1146	1149	rVV	186270	328650	13.29%	1.134%
79	15.492	1149	1151	1154	rVV	336027	583555	23.61%	2.014%
80	15.561	1154	1157	1163	rVV	631191	1395442	56.45%	4.816%
81	15.698	1167	1169	1174	rVB4	101579	163176	6.60%	0.563%
82	16.258	1215	1218	1225	rVB	246518	479341	19.39%	1.654%
83	16.692	1253	1256	1262	rVB	193340	434477	17.58%	1.500%
84	17.013	1281	1284	1290	rVB2	118445	288548	11.67%	0.996%
85	17.447	1319	1322	1328	rVB	105932	276881	11.20%	0.956%

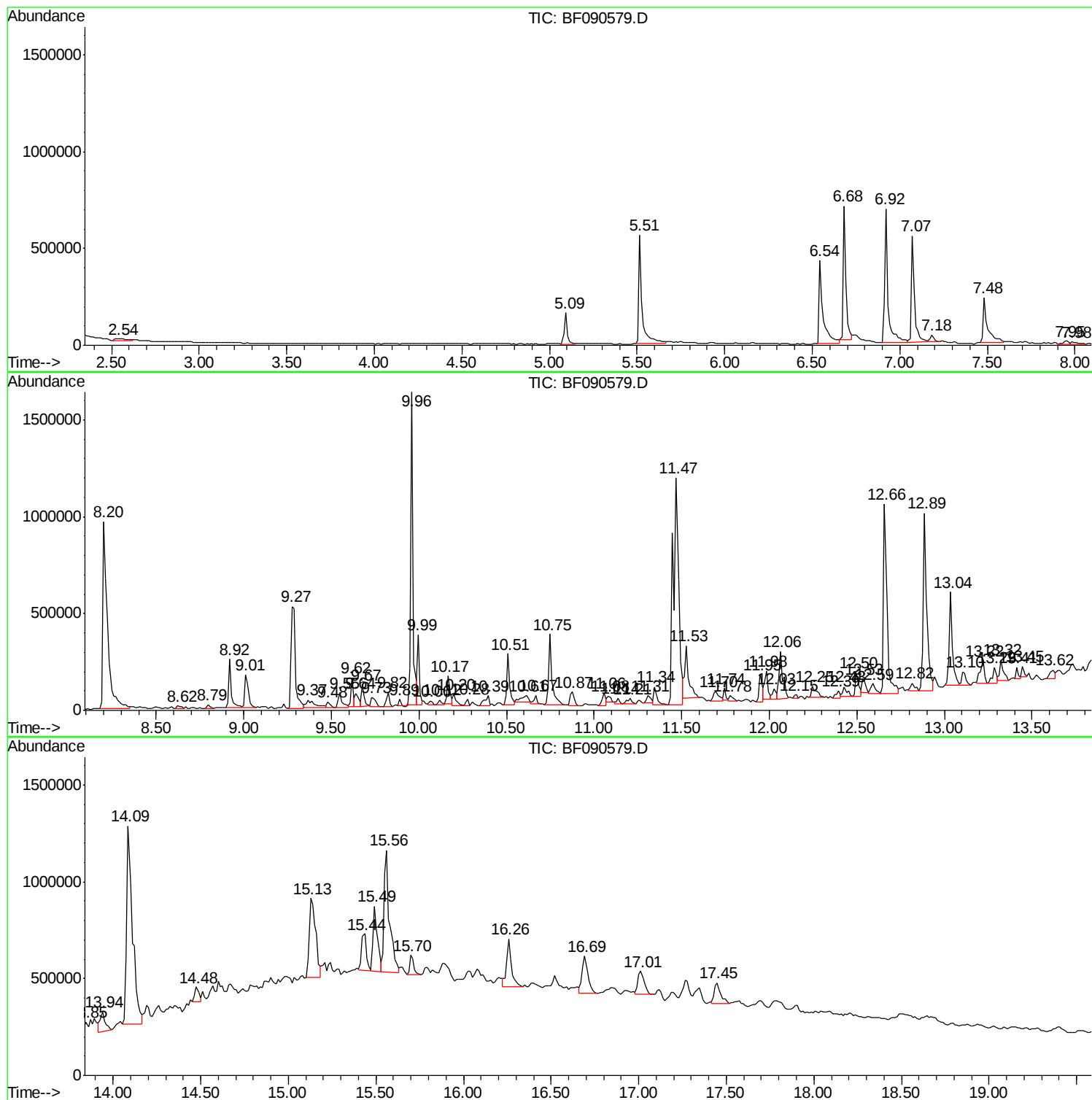
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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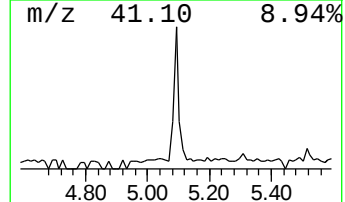
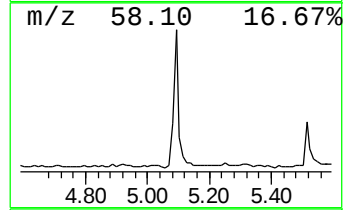
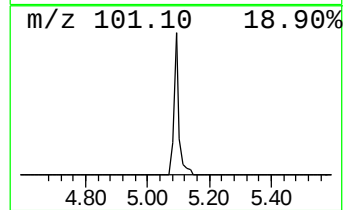
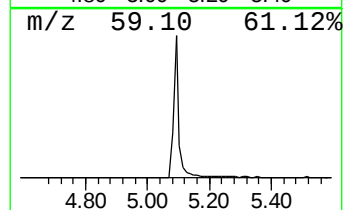
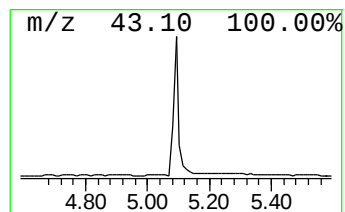
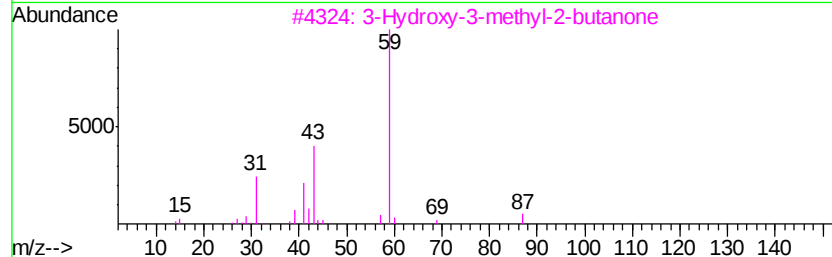
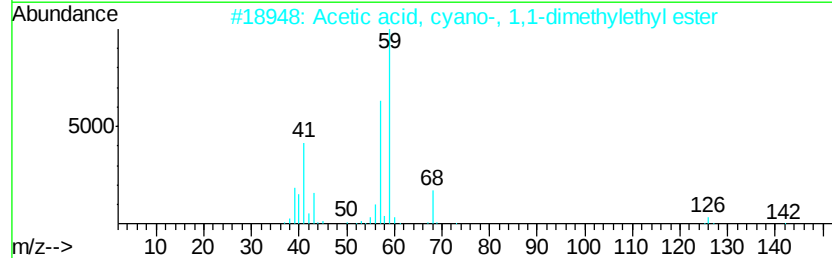
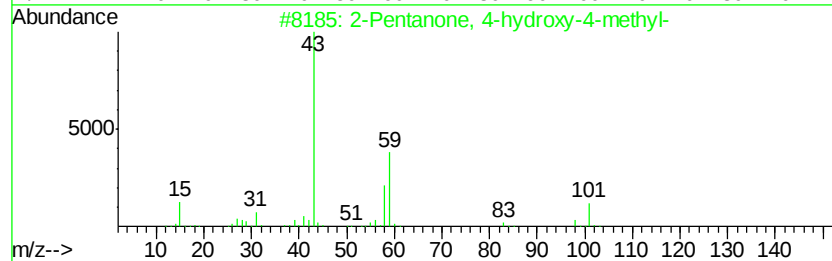
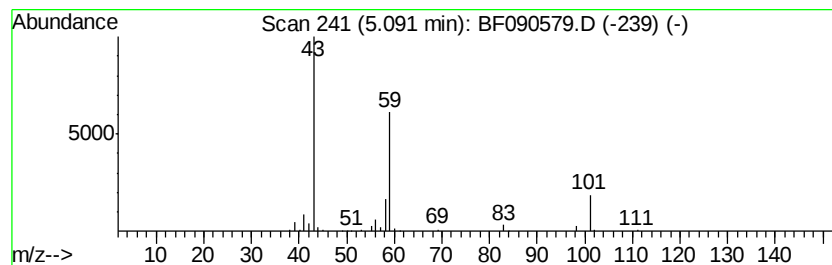
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.84 ng	187339	1,4-Dichlorobenzene-d4	6.92

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4			Acetone	58	C3H6O	000067-64-1	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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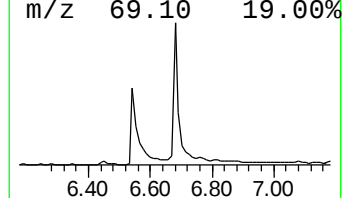
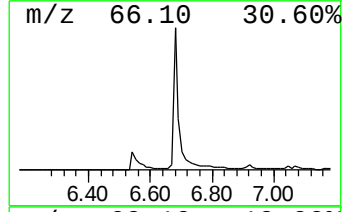
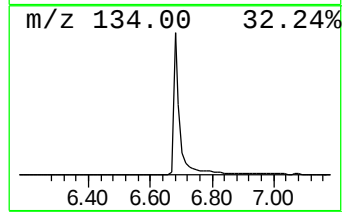
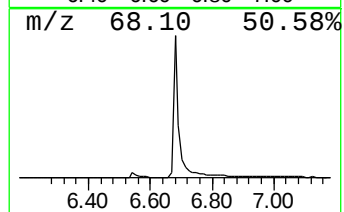
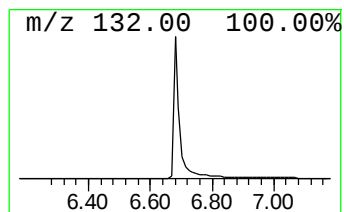
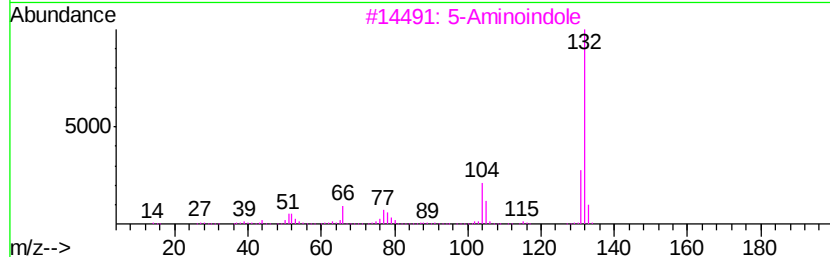
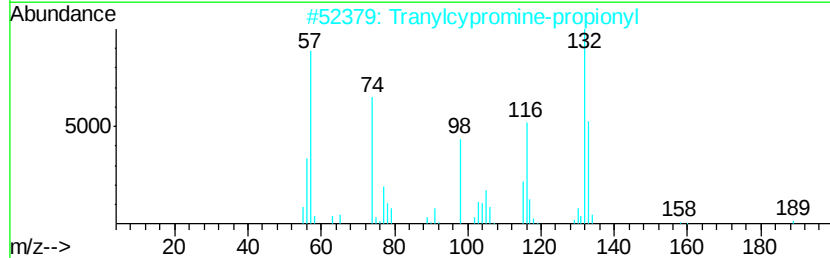
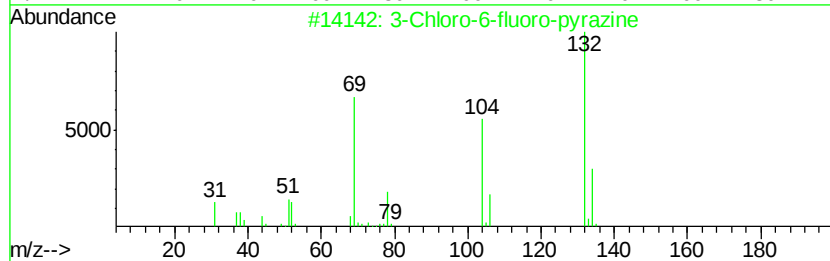
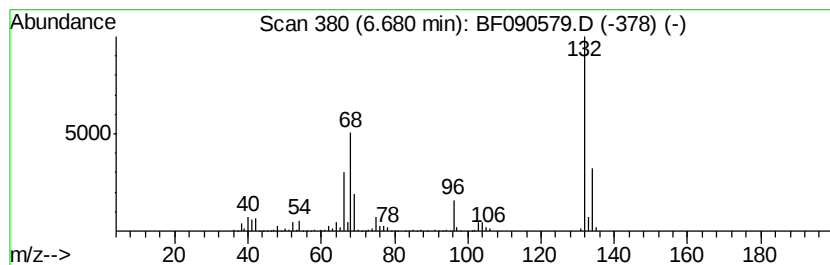
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	16.18 ng	789437	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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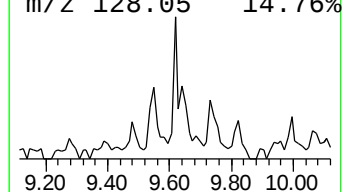
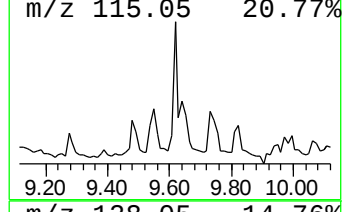
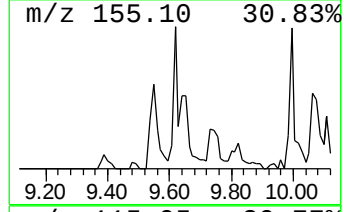
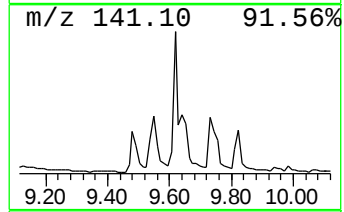
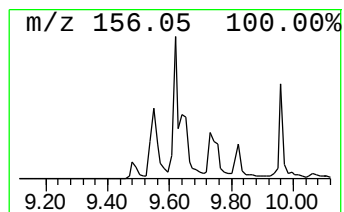
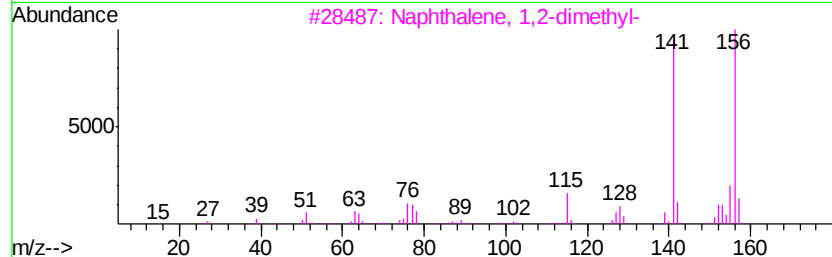
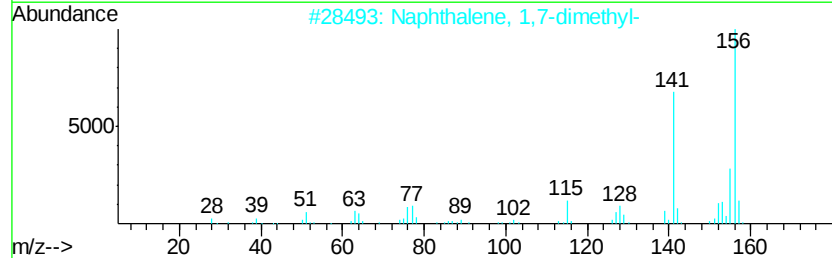
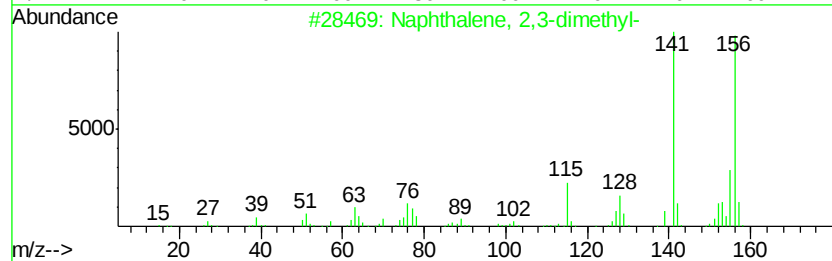
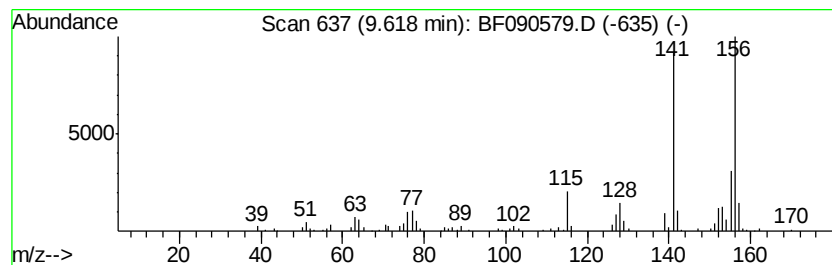
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.01 ng	147894	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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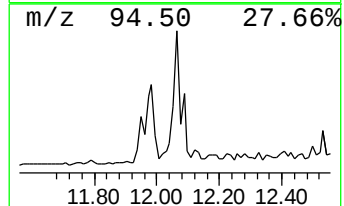
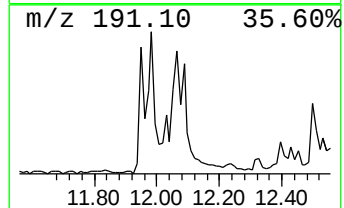
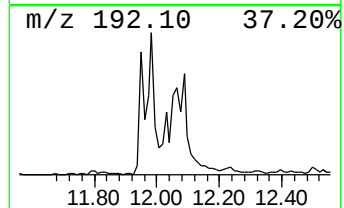
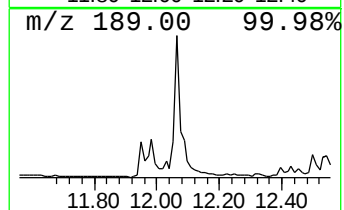
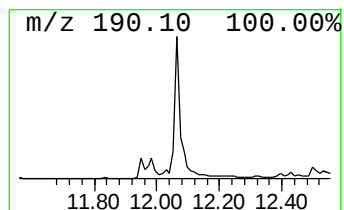
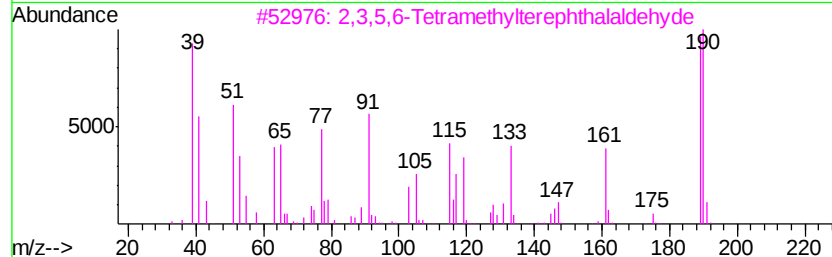
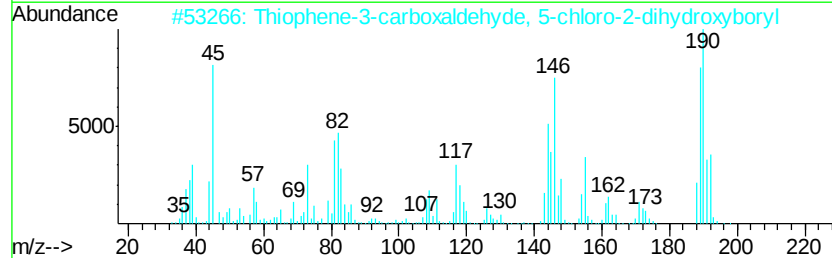
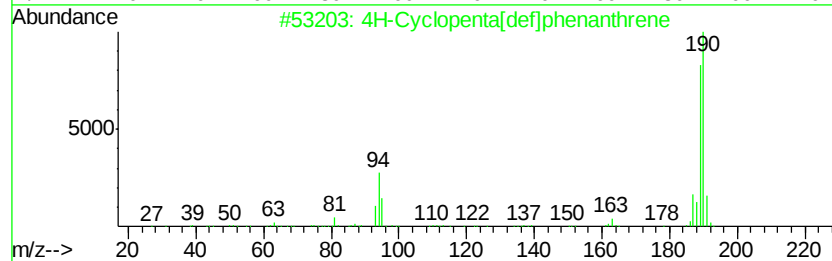
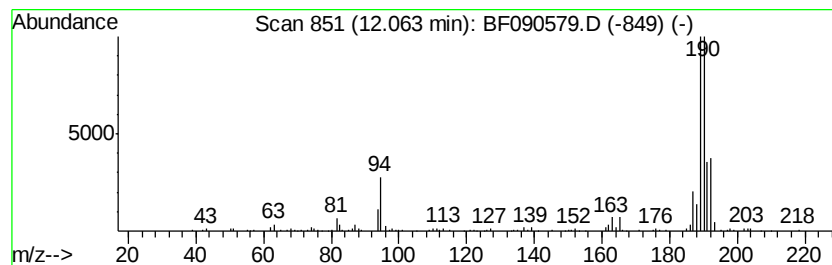
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.29 ng	406048	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090579.D
Acq On : 14 Oct 2016 19:45
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

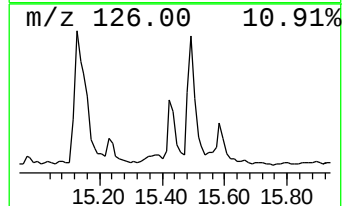
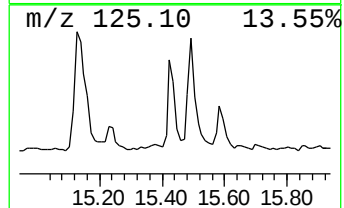
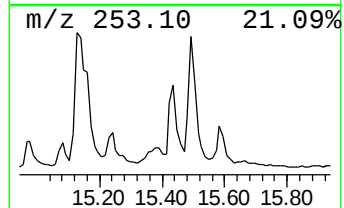
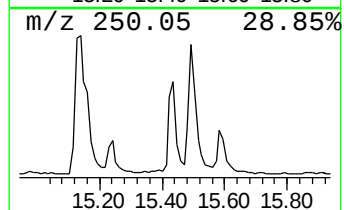
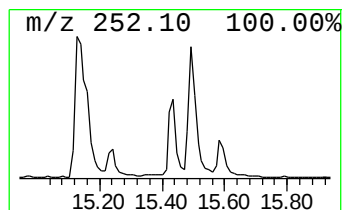
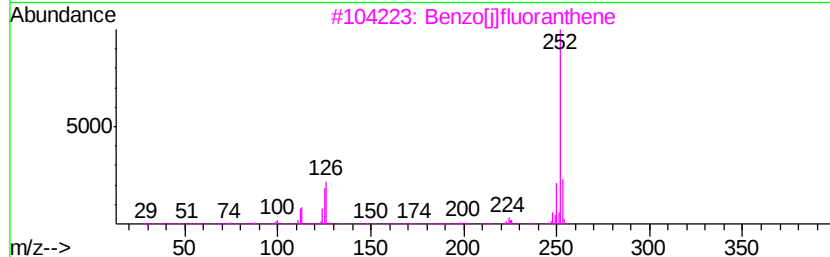
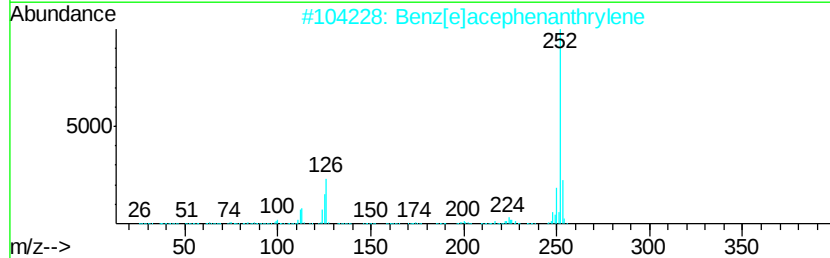
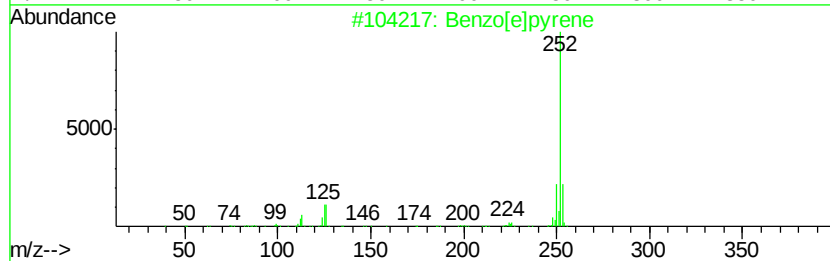
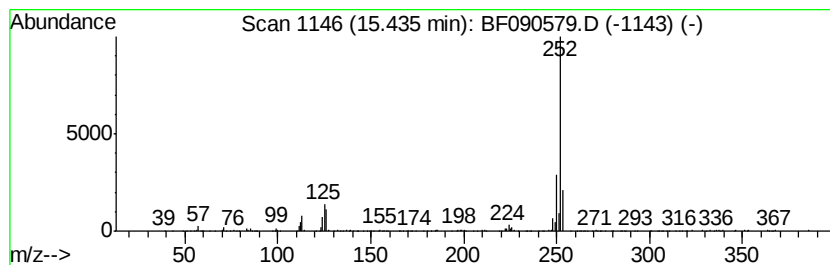
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.71 ng	328650	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090579.D
Acq On : 14 Oct 2016 19:45
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

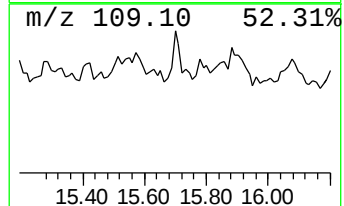
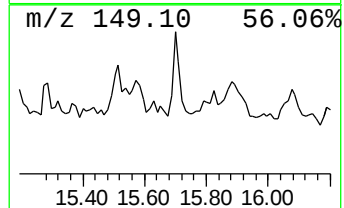
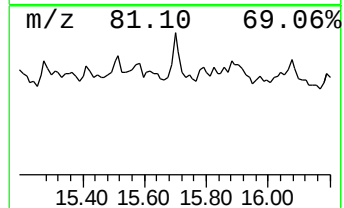
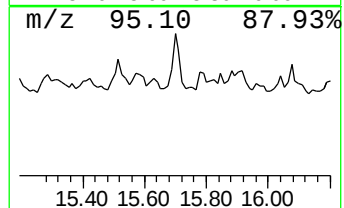
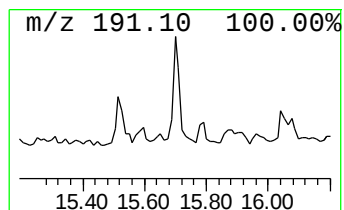
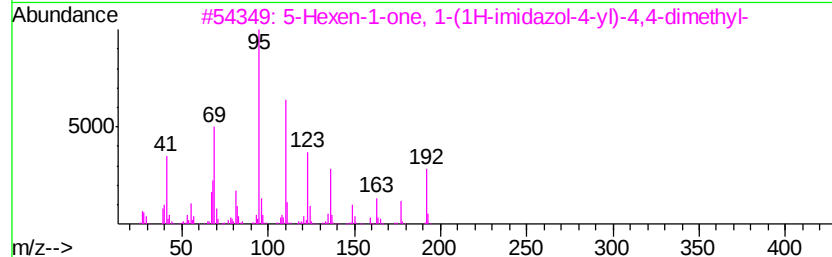
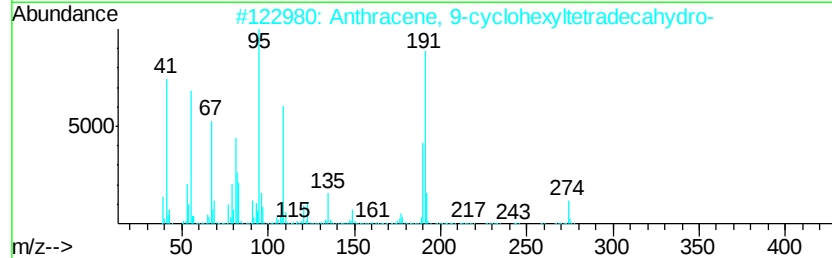
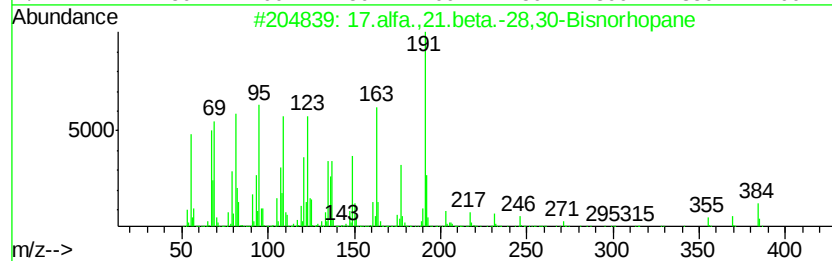
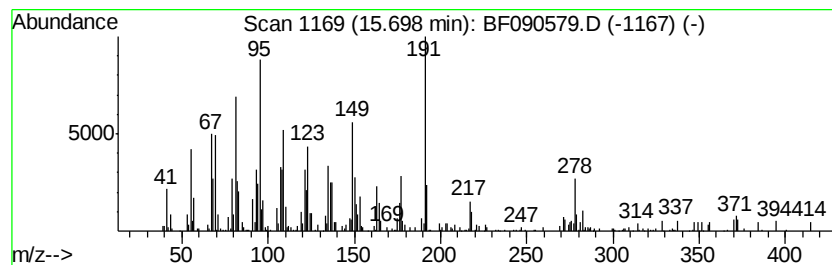
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 17.alfa.,21.beta.-28,30-Bis... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.34 ng	163176	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	55
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
3		5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	30
4		Naphthalene, decahydro-1,6-dimet...	278	C20H38	056248-64-7	25
5		1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090579.D
Acq On : 14 Oct 2016 19:45
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

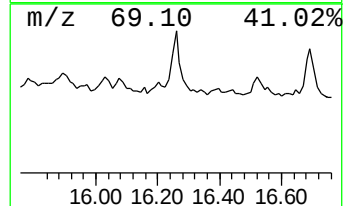
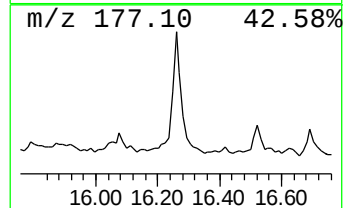
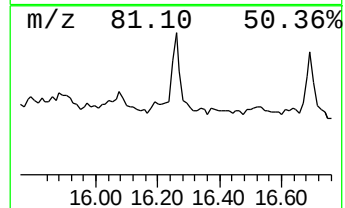
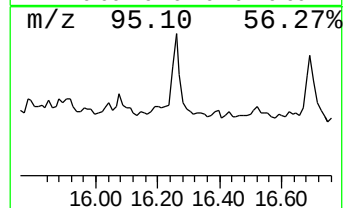
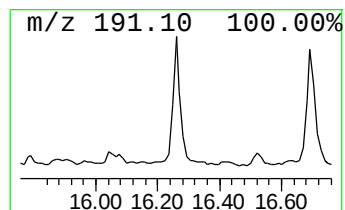
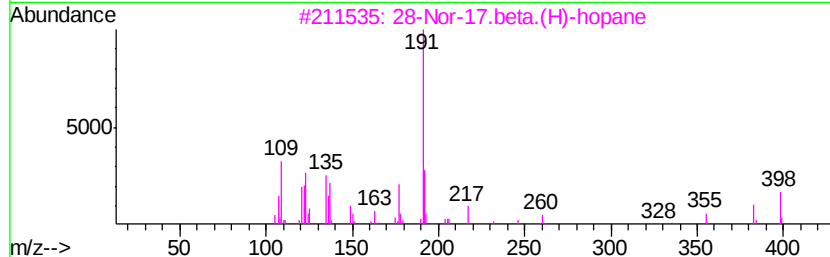
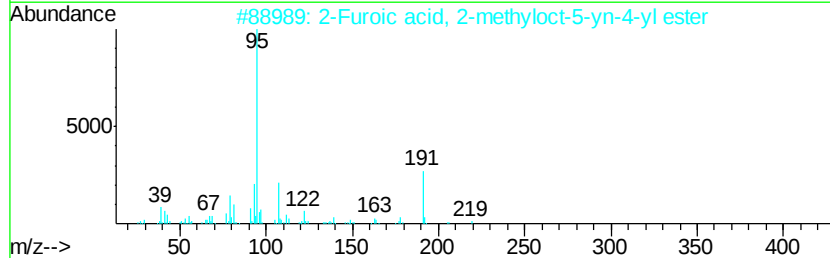
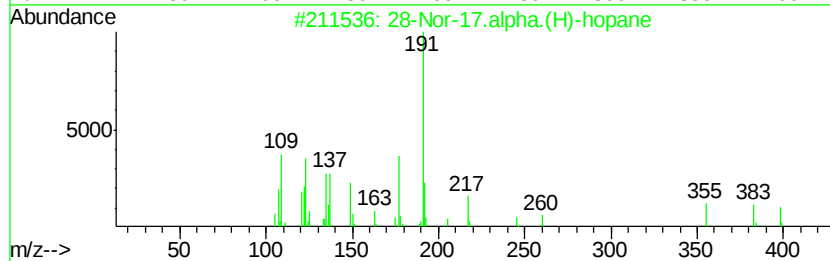
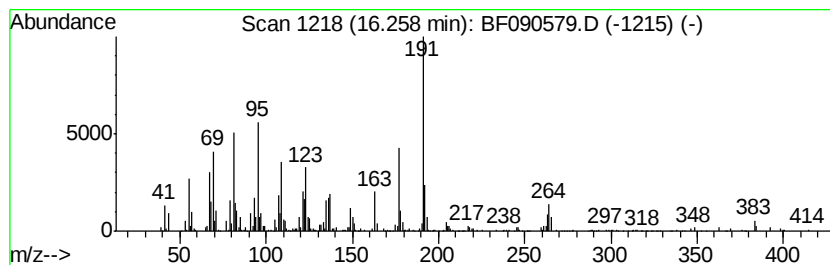
Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.26	6.87 ng	479341	Perylene-d12	15.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane		398	C29H50	053584-60-4	83
2	2-Furoic acid, 2-methyloct-5-vn-...		234	C14H18O3	1000299-23-7	38
3	28-Nor-17.beta.(H)-hopane		398	C29H50	036728-72-0	38
4	Anthracene, 9-butyltetradecahydro-		248	C18H32	055133-89-6	35
5	Anthracene, 9-cyclohexyltetradec...		274	C20H34	055255-70-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
Data File : BF090579.D
Acq On : 14 Oct 2016 19:45
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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...	5.09	3.8	ng	187339	1	6.92	975839	20.0
unknown6.68	6.68	16.2	ng	789437	1	6.92	975839	20.0
Naphthalene, 2,3-...	9.62	2.0	ng	147894	3	9.96	1472420	20.0
4H-Cyclopenta[def...	12.06	3.3	ng	406048	4	11.45	2472050	20.0
Benzo[e]pyrene	15.44	4.7	ng	328650	6	15.56	1395440	20.0
17.alfa.,21.beta....	15.70	2.3	ng	163176	6	15.56	1395440	20.0
28-Nor-17.alpha.(...	16.26	6.9	ng	479341	6	15.56	1395440	20.0