

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093211.D
 Acq On : 27 Feb 2017 16:15
 Operator : SJ/MA
 Sample : I1972-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B15-BASE-3

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-BF013017.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	3.070	80	86	90	rBV4	5564	21280	1.34%	0.113%
2	3.230	94	100	105	rBV6	6263	22389	1.41%	0.119%
3	3.687	137	140	144	rVB	12740	23199	1.46%	0.123%
4	4.978	250	253	262	rBV	183102	264992	16.70%	1.403%
5	5.253	275	277	279	rBV	18083	19674	1.24%	0.104%
6	5.367	283	287	290	rBV	33918	50781	3.20%	0.269%
7	5.424	290	292	301	rVV	693883	720765	45.42%	3.815%
8	5.630	306	310	313	rBV2	43630	60996	3.84%	0.323%
9	6.476	382	384	390	rBV	800730	783569	49.37%	4.148%
10	6.601	392	395	397	rBV	743984	726370	45.77%	3.845%
11	6.659	397	400	403	rVB2	45411	53555	3.37%	0.284%
12	6.830	413	415	417	rBV	1031887	962576	60.65%	5.096%
13	6.956	423	426	427	rBV	17681	28345	1.79%	0.150%
14	6.979	427	428	431	rVB	387453	502615	31.67%	2.661%
15	7.093	436	438	442	rBV2	17159	28047	1.77%	0.148%
16	7.402	463	465	467	rBV	387975	415653	26.19%	2.200%
17	7.447	467	469	475	rVB5	17365	39155	2.47%	0.207%
18	7.939	511	512	516	rVB	38430	43021	2.71%	0.228%
19	8.122	526	528	530	rBV	1408079	1269016	79.96%	6.718%
20	8.545	563	565	570	rVB4	9015	23363	1.47%	0.124%
21	8.647	570	574	576	rBV	24279	40177	2.53%	0.213%
22	8.716	576	580	582	rVV3	21993	45153	2.85%	0.239%
23	8.773	582	585	589	rVB	26868	49578	3.12%	0.262%
24	8.842	589	591	593	rBV	52294	47074	2.97%	0.249%
25	8.945	597	600	601	rBV	31095	40255	2.54%	0.213%
26	9.150	614	618	619	rBV2	17489	28256	1.78%	0.150%
27	9.207	619	623	625	rVV	683543	656470	41.37%	3.475%
28	9.242	625	626	628	rVV	40891	49563	3.12%	0.262%
29	9.287	628	630	635	rVV2	34757	68580	4.32%	0.363%
30	9.379	635	638	639	rBV	23009	41988	2.65%	0.222%
31	9.402	639	640	643	rVB2	21029	32345	2.04%	0.171%
32	9.482	643	647	648	rBV4	13240	32406	2.04%	0.172%
33	9.505	648	649	651	rBV2	54771	64689	4.08%	0.342%
34	9.539	651	652	654	rBV	18746	28686	1.81%	0.152%

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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

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35	9.607	655	658	661	rVB2	138164	168416	10.61%	0.892%
36	9.745	668	670	673	rBV	219070	235024	14.81%	1.244%
37	9.813	675	676	679	rBV	31806	43394	2.73%	0.230%
38	9.882	680	682	684	rVV	769962	1064698	67.09%	5.636%
39	9.916	684	685	687	rVB	33782	40087	2.53%	0.212%
40	10.053	694	697	698	rBV2	24436	40021	2.52%	0.212%
41	10.202	708	710	713	rBV3	25820	44733	2.82%	0.237%
42	10.293	716	718	719	rBV2	18584	28898	1.82%	0.153%
43	10.339	719	722	726	rVV2	56850	104506	6.59%	0.553%
44	10.408	726	728	729	rVB	31166	23726	1.50%	0.126%
45	10.442	729	731	734	rBV	33346	67719	4.27%	0.358%
46	10.499	734	736	737	rBV	21444	26686	1.68%	0.141%
47	10.545	737	740	742	rVV2	37932	58126	3.66%	0.308%
48	10.682	749	752	754	rBV	217254	276864	17.45%	1.466%
49	10.796	760	762	766	rVB2	67586	128960	8.13%	0.683%
50	10.979	776	778	780	rBV3	26469	37640	2.37%	0.199%
51	11.368	810	812	817	rBV2	784372	1074009	67.68%	5.685%
52	11.448	817	819	821	rVB	144610	124096	7.82%	0.657%
53	11.665	836	838	840	rVB	63602	64634	4.07%	0.342%
54	11.836	851	853	855	rBV	43355	55233	3.48%	0.292%
55	11.871	855	856	858	rBV2	51163	83780	5.28%	0.444%
56	11.985	864	866	867	rBV	93212	109426	6.90%	0.579%
57	12.419	902	904	905	rBV	65793	63369	3.99%	0.335%
58	12.579	916	918	920	rBV	255167	261959	16.51%	1.387%
59	12.682	925	927	929	rBV	76110	113073	7.13%	0.599%
60	12.808	936	938	942	rBV	559030	648066	40.84%	3.431%
61	12.945	948	950	954	rVB	272620	406494	25.61%	2.152%
62	13.128	964	966	969	rBV	92831	165678	10.44%	0.877%
63	13.242	974	976	980	rBV	116616	154782	9.75%	0.819%
64	13.334	983	984	986	rBV	221552	190527	12.01%	1.009%
65	13.562	1002	1004	1007	rBV2	105858	123921	7.81%	0.656%
66	14.008	1040	1043	1047	rBV2	1074433	1586986	100.00%	8.401%
67	15.037	1131	1133	1137	rBV	354470	551075	34.72%	2.917%
68	15.334	1156	1159	1161	rBV	507451	656551	41.37%	3.476%
69	15.391	1161	1164	1166	rVB	602067	842235	53.07%	4.458%
70	15.448	1167	1169	1171	rBV	499103	665529	41.94%	3.523%
71	16.865	1290	1293	1302	rVB	237537	590651	37.22%	3.127%

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72	17.300	1327	1331	1337	rBV	270144	684400	43.13%	3.623%
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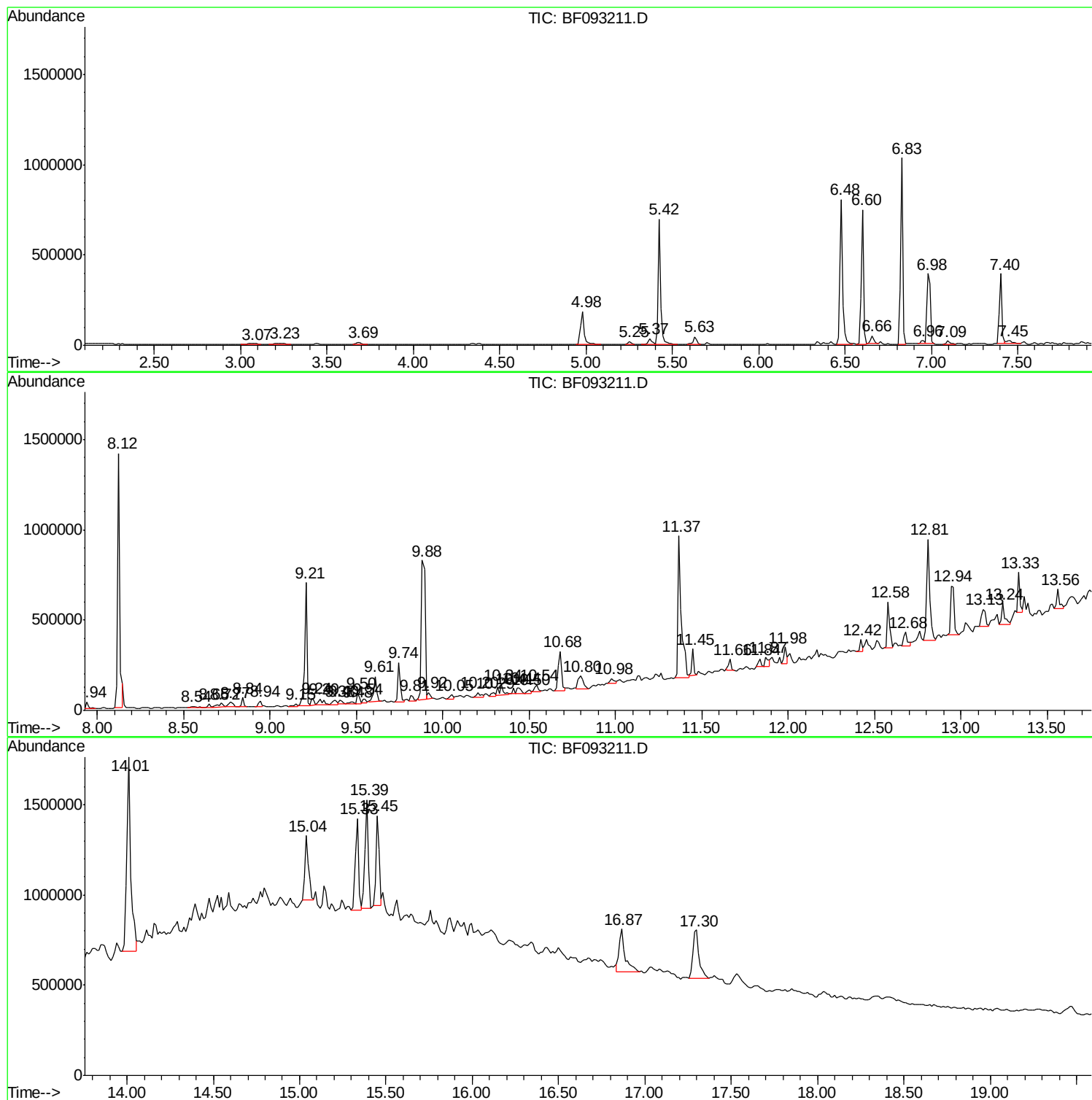
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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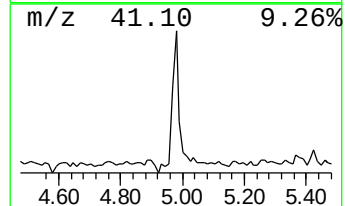
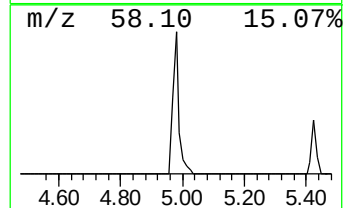
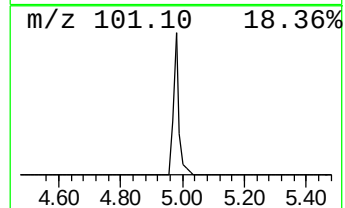
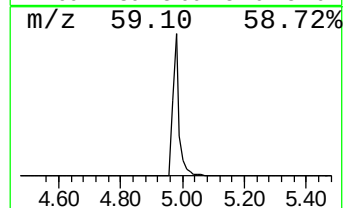
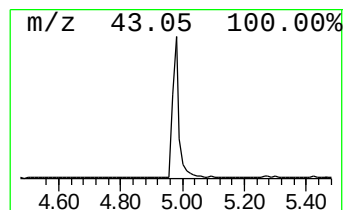
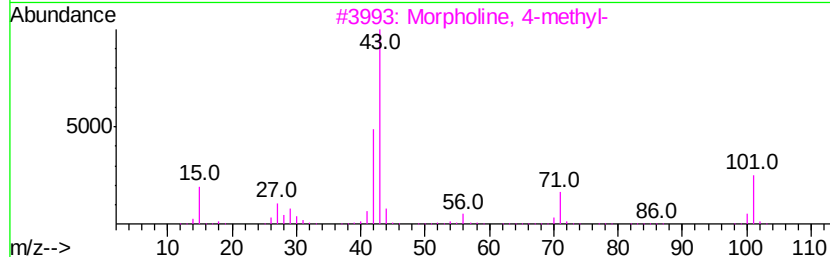
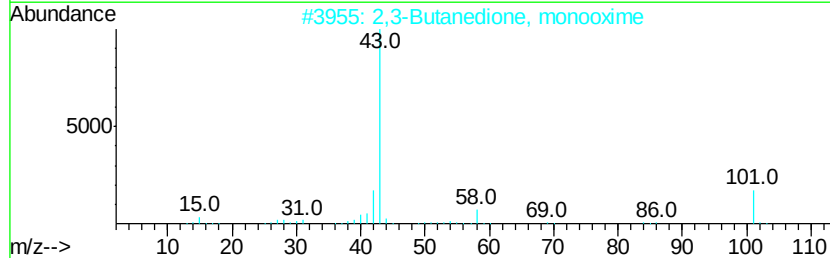
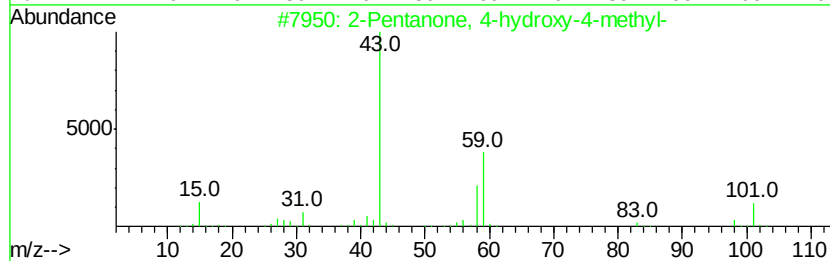
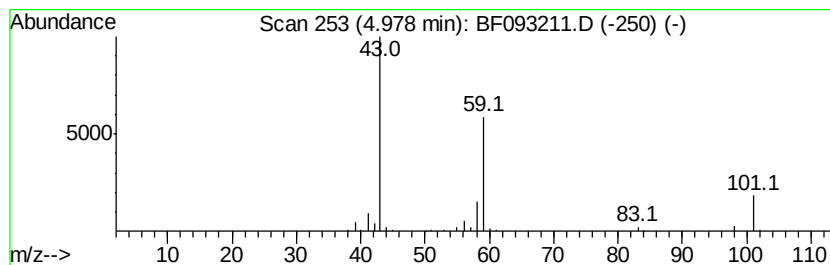
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.98	5.51 ng	264992	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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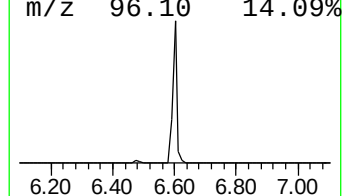
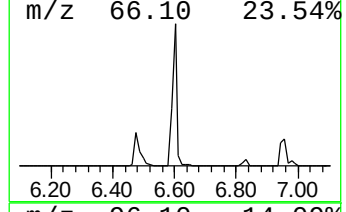
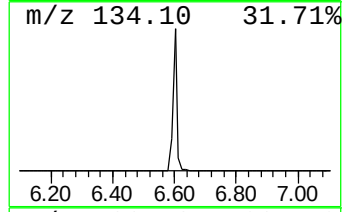
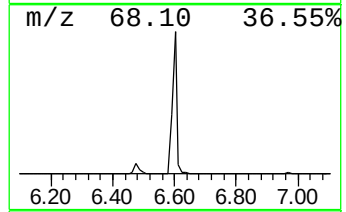
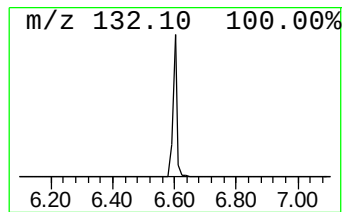
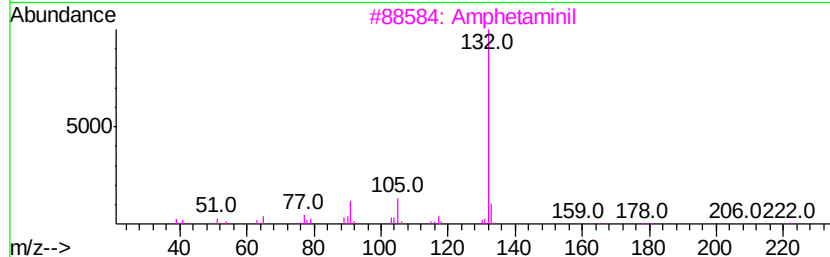
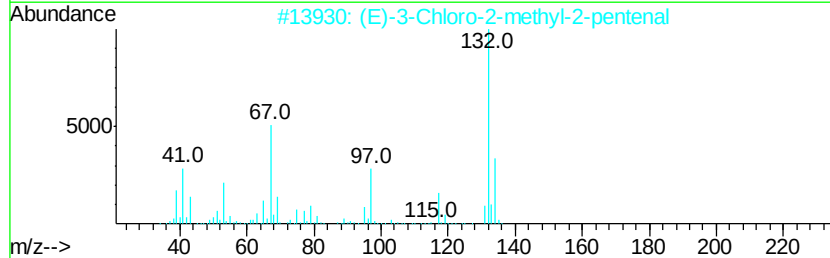
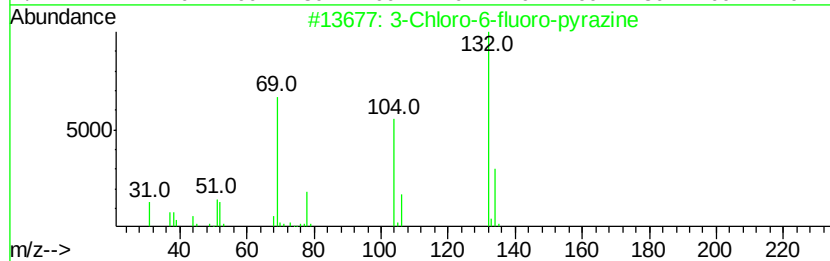
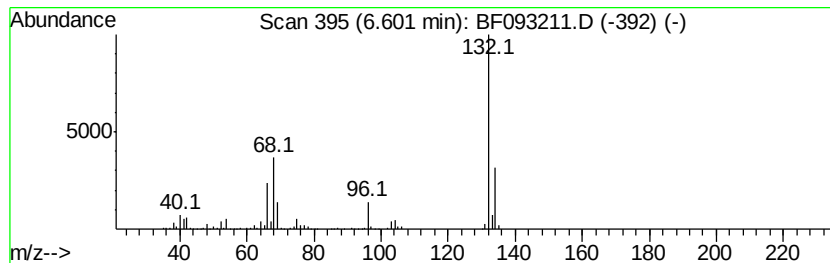
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	15.09 ng	726370	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranvlcypropmine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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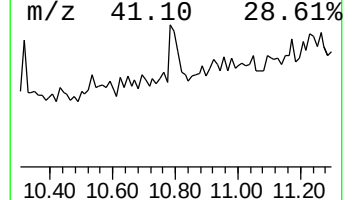
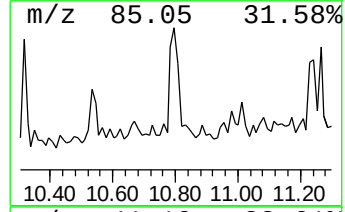
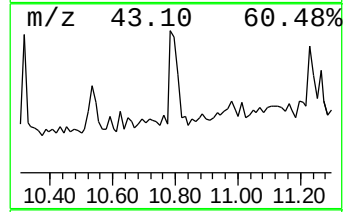
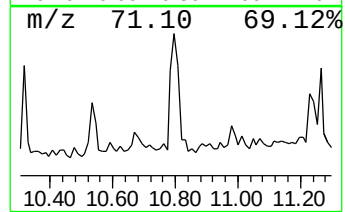
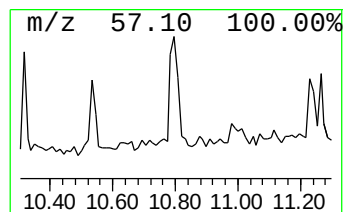
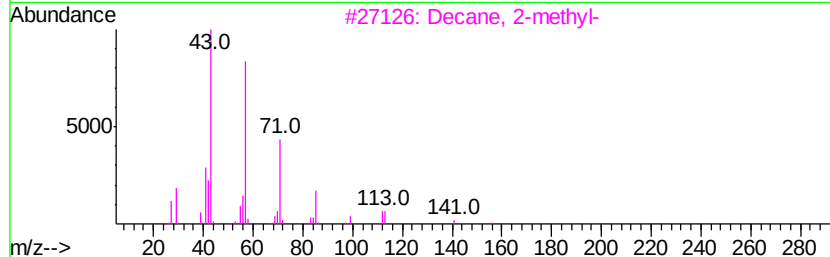
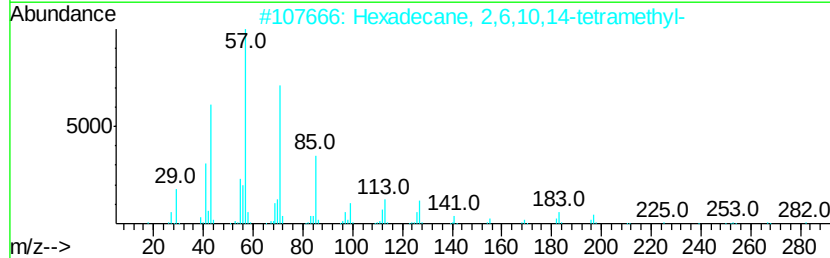
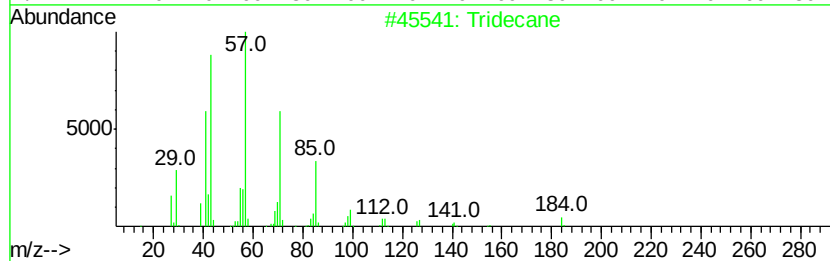
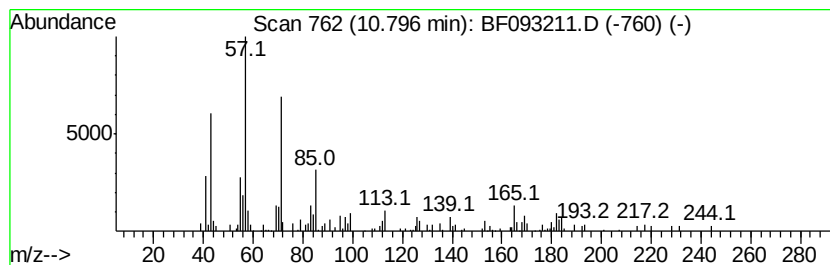
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	2.40 ng	128960	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
3	Decane, 2-methyl-	156	C11H24	006975-98-0	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Octacosane	394	C28H58	000630-02-4	68



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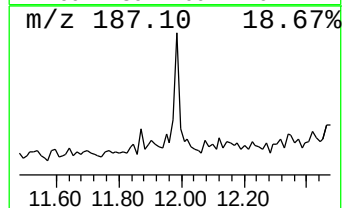
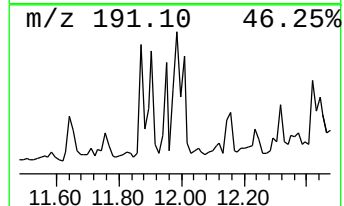
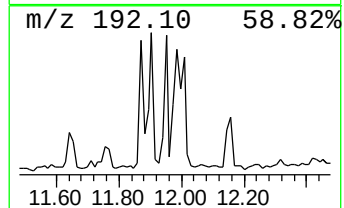
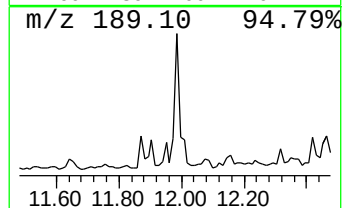
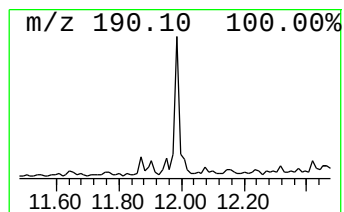
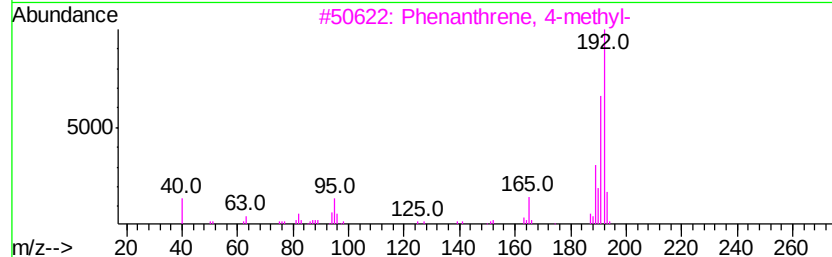
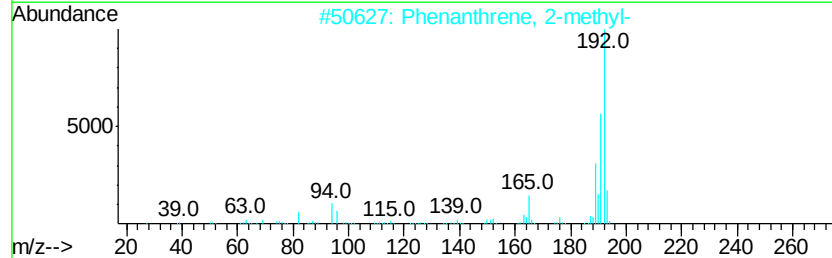
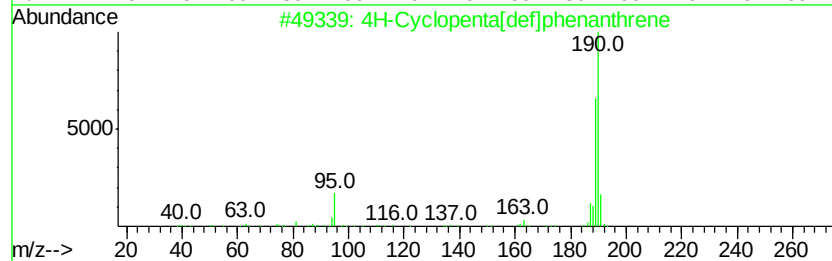
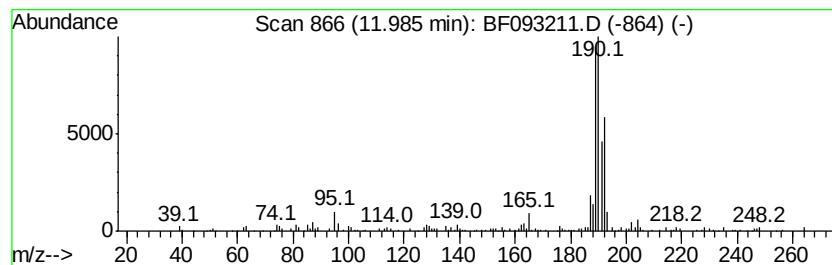
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.04 ng	109426	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093211.D
Acq On : 27 Feb 2017 16:15
Operator : SJ/MA
Sample : I1972-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

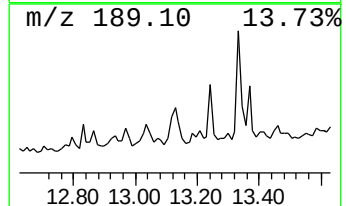
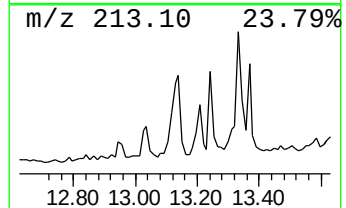
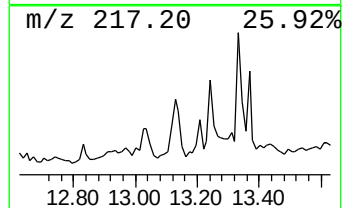
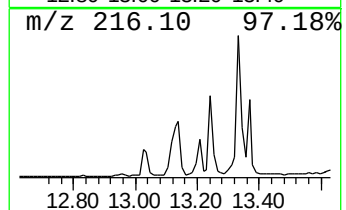
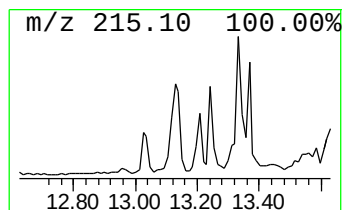
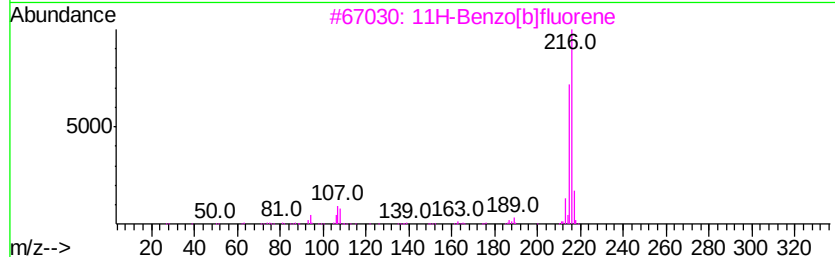
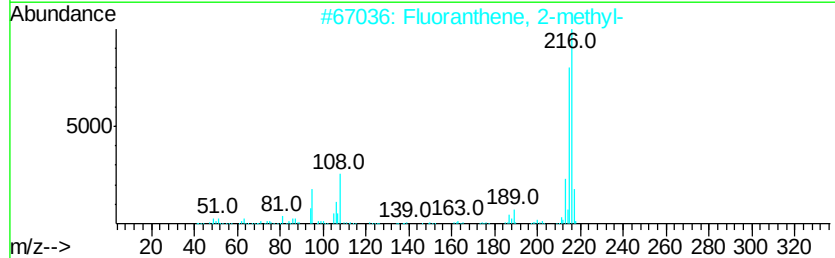
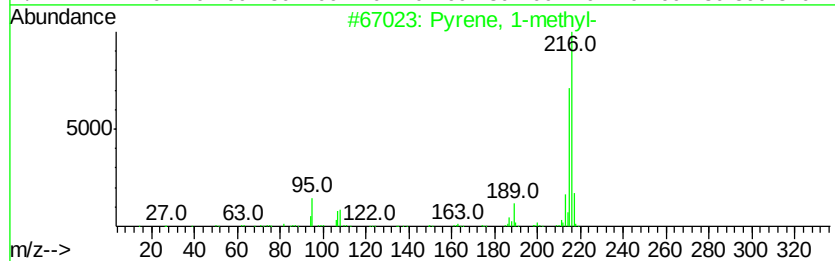
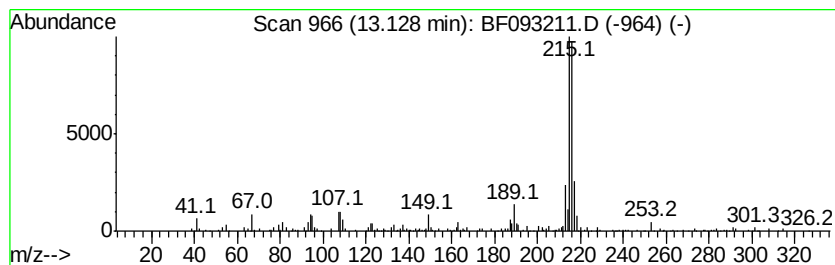
Instrument :
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ClientSampleId :
E2B15-BASE-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.09 ng	165678	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 80
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
5		3-Pyridinamine, 6-chloro-N-(phen...	216 C12H9ClN2	005325-71-3 58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093211.D
Acq On : 27 Feb 2017 16:15
Operator : SJ/MA
Sample : I1972-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

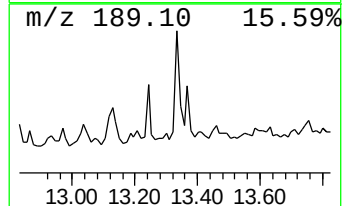
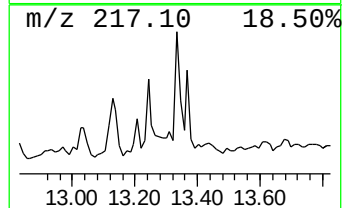
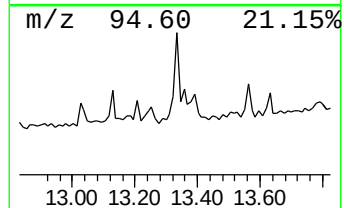
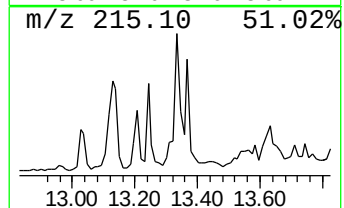
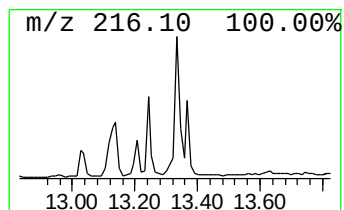
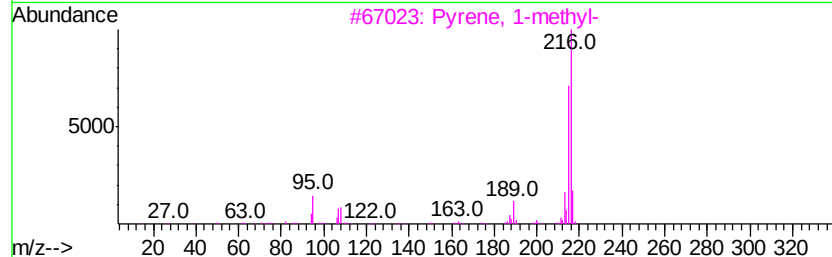
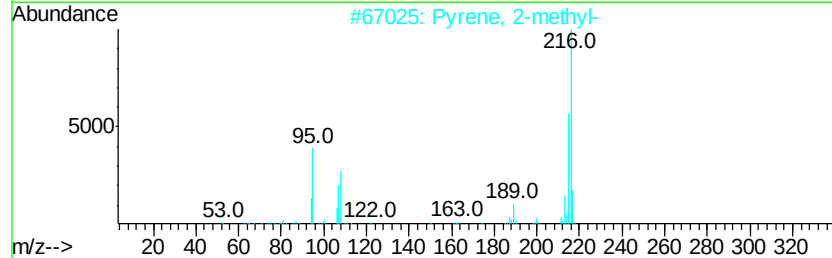
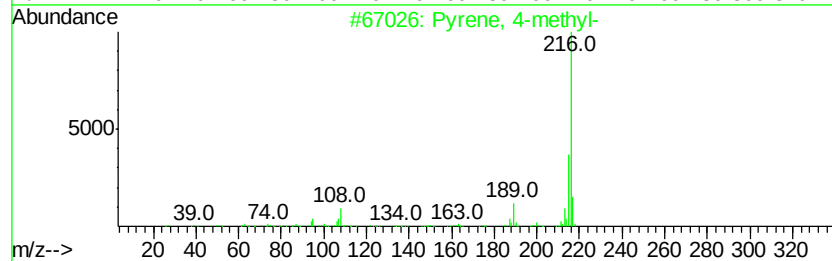
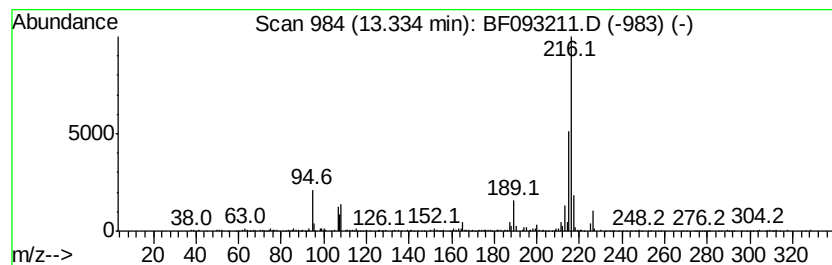
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.40 ng	190527	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 4-methyl-	216 C17H12	003353-12-6 98
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 91
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
4		11H-Benzo[<i>a</i>]fluorene	216 C17H12	000238-84-6 83
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093211.D
Acq On : 27 Feb 2017 16:15
Operator : SJ/MA
Sample : I1972-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

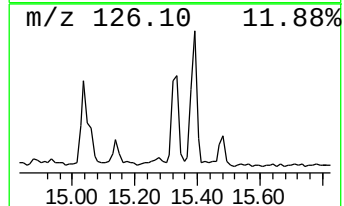
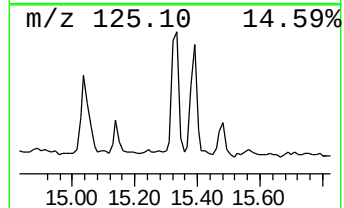
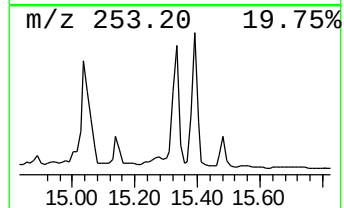
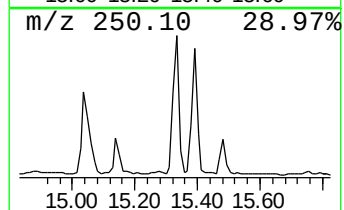
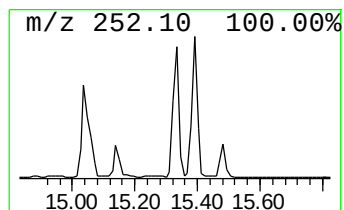
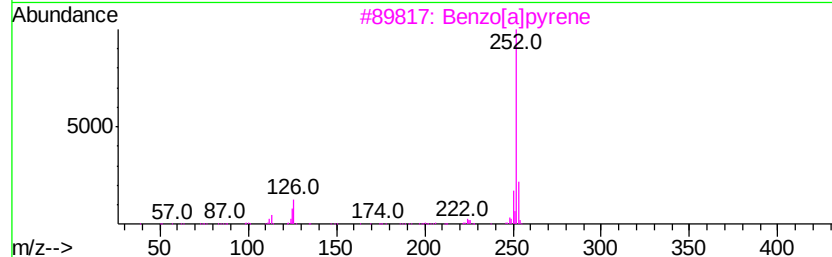
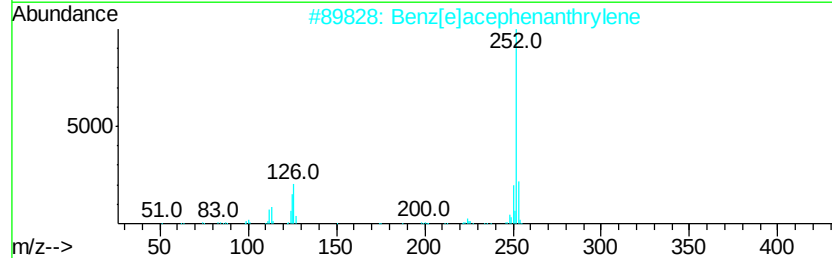
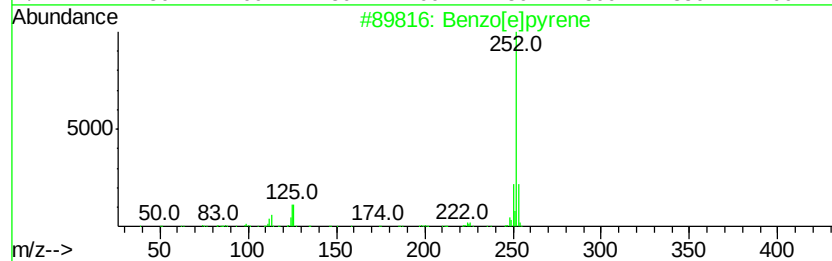
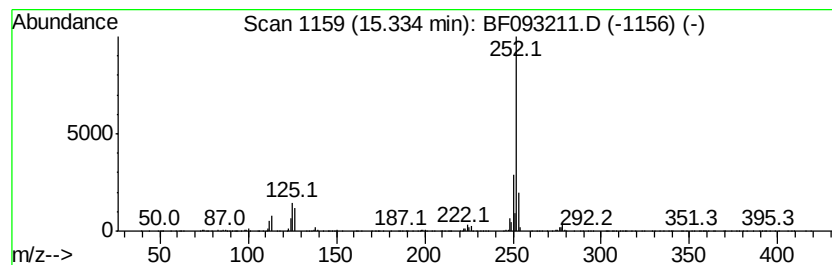
Instrument :
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ClientSampleId :
E2B15-BASE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	19.73 ng	656551	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 93
3		Benzo[a]pyrene	252 C20H12	000050-32-8 93
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 27 Feb 2017 16:15
Operator : SJ/MA
Sample : I1972-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	4.98	5.5	ng	264992	1	6.83	962576	20.0
unknown6.60	6.60	15.1	ng	726370	1	6.83	962576	20.0
Tridecane	10.80	2.4	ng	128960	4	11.37	1074010	20.0
4H-Cyclopenta[def...	11.98	2.0	ng	109426	4	11.37	1074010	20.0
Pyrene, 1-methyl-	13.13	2.1	ng	165678	5	14.01	1586990	20.0
Pyrene, 4-methyl-	13.33	2.4	ng	190527	5	14.01	1586990	20.0
Benzo[e]pyrene	15.33	19.7	ng	656551	6	15.45	665529	20.0