

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086054.D
 Acq On : 4 Apr 2016 23:06
 Operator : UM/SJ
 Sample : H2166-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

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-BF040216.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	4.956	249	251	255	rBV	54811	92219	2.87%	0.262%
2	5.036	255	258	264	rVV	13066	41379	1.29%	0.118%
3	5.367	284	287	290	rBV	2662046	2908551	90.56%	8.265%
4	6.419	376	379	387	rBV	2495185	2990911	93.12%	8.499%
5	6.533	387	389	392	rBV	2507344	3020054	94.03%	8.582%
6	6.762	407	409	412	rBV	835877	710027	22.11%	2.018%
7	6.922	421	423	425	rBV	2708472	2605712	81.13%	7.404%
8	7.333	456	459	462	rBV	1865031	1856032	57.79%	5.274%
9	7.802	497	500	502	rBV2	30621	60992	1.90%	0.173%
10	7.847	502	504	510	rVB	36608	65191	2.03%	0.185%
11	8.053	519	522	524	rBV	674026	850915	26.49%	2.418%
12	8.762	583	584	590	rBV2	17312	35614	1.11%	0.101%
13	9.128	613	616	618	rBV	3424094	3211765	100.00%	9.126%
14	9.459	643	645	646	rBV	32349	35670	1.11%	0.101%
15	9.516	648	650	654	rVB	186459	266898	8.31%	0.758%
16	9.665	660	663	665	rVB	57775	58517	1.82%	0.166%
17	9.733	667	669	671	rVV	62148	57189	1.78%	0.163%
18	9.802	671	675	677	rVV	924369	914679	28.48%	2.599%
19	9.836	677	678	680	rVB	39316	33025	1.03%	0.094%
20	10.008	691	693	695	rBV3	23501	36113	1.12%	0.103%
21	10.236	711	713	714	rBV	84754	75449	2.35%	0.214%
22	10.351	721	723	726	rVB	30517	41939	1.31%	0.119%
23	10.453	729	732	735	rVB2	45029	74448	2.32%	0.212%
24	10.522	735	738	741	rBV3	70224	125014	3.89%	0.355%
25	10.591	741	744	747	rBV	1650709	1620053	50.44%	4.603%
26	10.705	752	754	759	rVB2	115852	178260	5.55%	0.507%
27	10.899	769	771	775	rBV4	29160	61698	1.92%	0.175%
28	10.956	775	776	781	rBV5	38657	74929	2.33%	0.213%
29	11.151	790	793	794	rBV2	60942	74934	2.33%	0.213%
30	11.185	794	796	799	rVB	42359	60063	1.87%	0.171%
31	11.242	799	801	803	rBV	34588	43361	1.35%	0.123%
32	11.288	803	805	809	rBV2	635364	1182113	36.81%	3.359%
33	11.356	809	811	813	rVB	105003	126026	3.92%	0.358%
34	11.402	813	815	818	rBV4	25757	48466	1.51%	0.138%

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35	11.516	822	825	827 rBV2	44657	98645	3.07%	0.280%
36	11.745	843	845	847 rBV	94126	135904	4.23%	0.386%
37	11.779	847	848	850 rVV	88117	129668	4.04%	0.368%
38	11.825	850	852	854 rVV	343981	529773	16.49%	1.505%
39	11.894	857	858	862 rVB	130090	187885	5.85%	0.534%
40	12.076	872	874	876 rBV	48638	61102	1.90%	0.174%
41	12.111	876	877	879 rVB	52485	46203	1.44%	0.131%
42	12.328	894	896	898 rBV2	95217	121856	3.79%	0.346%
43	12.374	898	900	901 rVV	56683	56784	1.77%	0.161%
44	12.419	903	904	907 rVB2	59862	77176	2.40%	0.219%
45	12.499	908	911	912 rBV	711517	843430	26.26%	2.397%
46	12.522	912	913	917 rVB3	50775	79715	2.48%	0.227%
47	12.602	917	920	922 rBV3	133531	176742	5.50%	0.502%
48	12.728	927	931	933 rVV2	531874	846689	26.36%	2.406%
49	12.774	933	935	937 rVB3	41400	57480	1.79%	0.163%
50	12.865	941	943	946 rVV	1966360	2218887	69.09%	6.305%
51	12.945	947	950	954 rBV3	57731	148018	4.61%	0.421%
52	13.048	956	959	961 rBV2	96100	162843	5.07%	0.463%
53	13.117	964	965	966 rVV	69082	54213	1.69%	0.154%
54	13.151	966	968	972 rVV2	60831	107954	3.36%	0.307%
55	13.277	978	979	981 rBV	65326	64834	2.02%	0.184%
56	13.437	991	993	995 rBV2	79342	123220	3.84%	0.350%
57	13.562	1002	1004	1006 rVB	92124	92209	2.87%	0.262%
58	13.677	1011	1014	1015 rBV	62583	129187	4.02%	0.367%
59	13.768	1020	1022	1025 rVB2	344938	491748	15.31%	1.397%
60	13.917	1032	1035	1040 rBV2	689924	1340489	41.74%	3.809%
61	14.019	1042	1044	1046 rBV2	68540	113278	3.53%	0.322%
62	14.397	1074	1077	1079 rBV4	109217	213659	6.65%	0.607%
63	14.820	1112	1114	1116 rVB	149944	156596	4.88%	0.445%
64	14.934	1122	1124	1127 rBV	319780	533139	16.60%	1.515%
65	14.991	1127	1129	1131 rBV	238663	244885	7.62%	0.696%
66	15.220	1147	1149	1152 rBV	125500	203976	6.35%	0.580%
67	15.277	1152	1154	1156 rVV	219498	292763	9.12%	0.832%
68	15.334	1156	1159	1165 rVB2	318138	615135	19.15%	1.748%
69	15.528	1173	1176	1181 rBV3	118652	241412	7.52%	0.686%
70	15.734	1192	1194	1197 rBV	395969	556759	17.33%	1.582%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

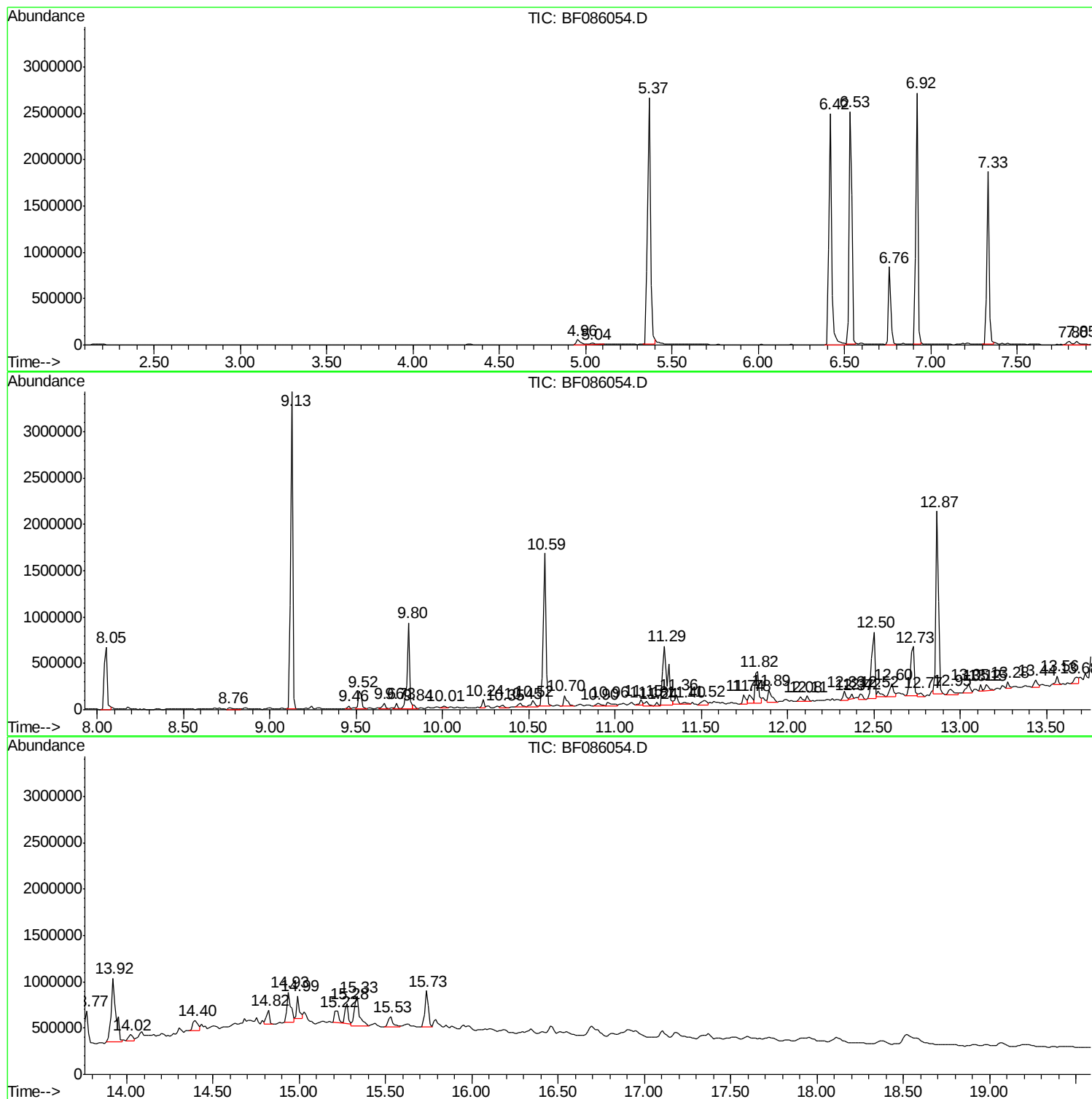
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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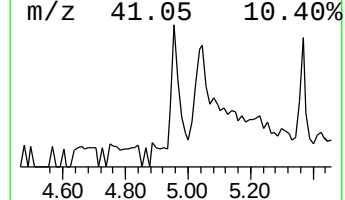
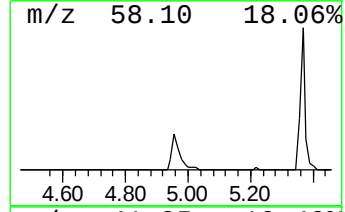
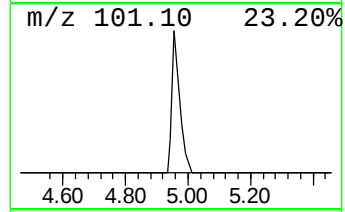
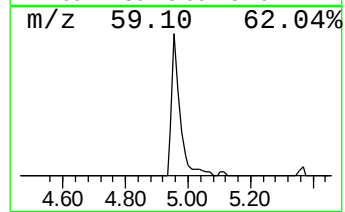
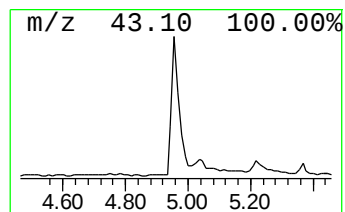
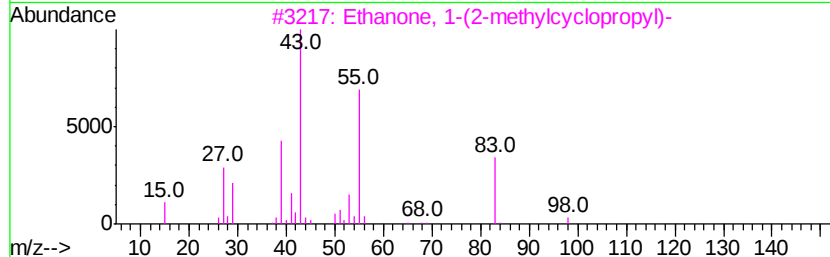
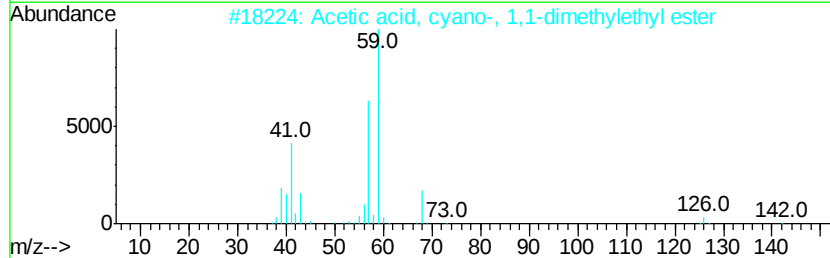
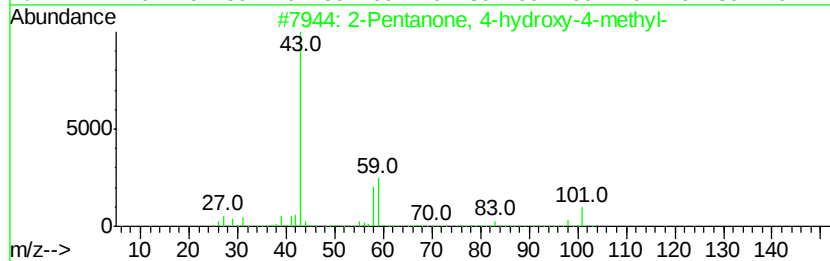
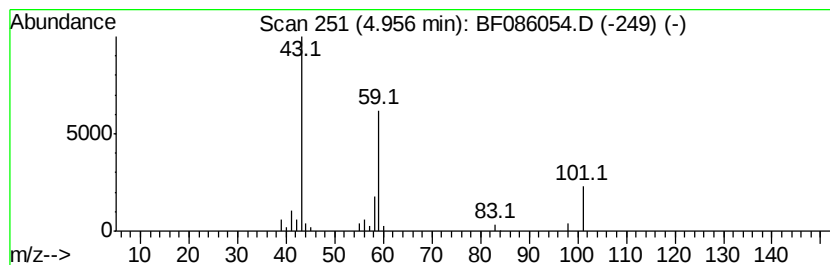
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.60 ng	92219	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4			Acetone	58	C3H6O	000067-64-1	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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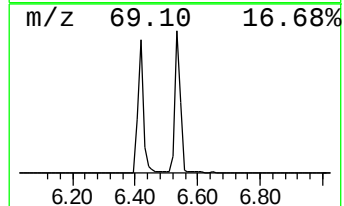
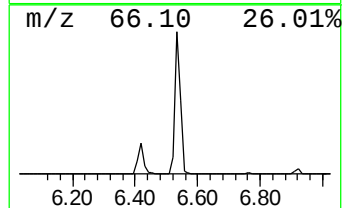
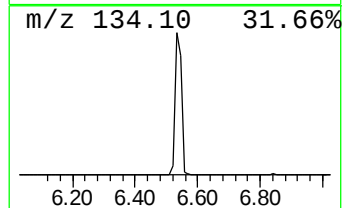
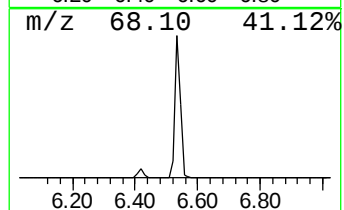
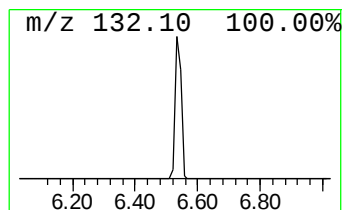
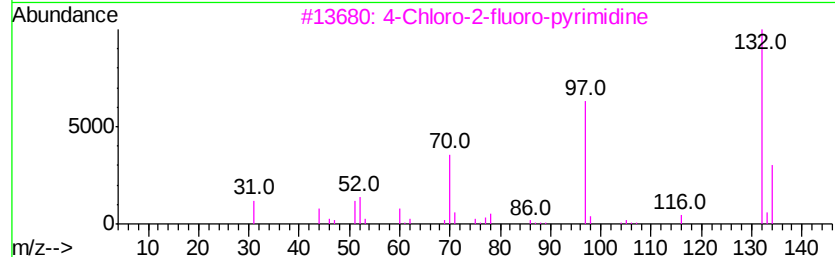
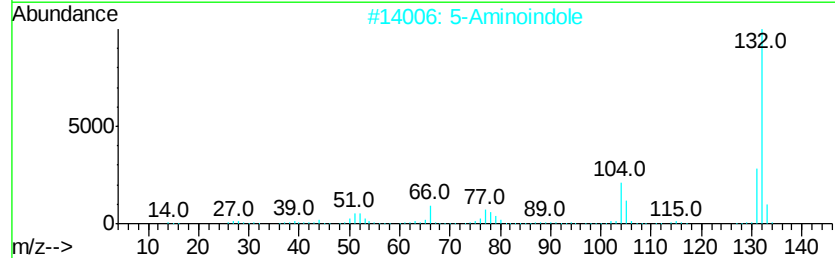
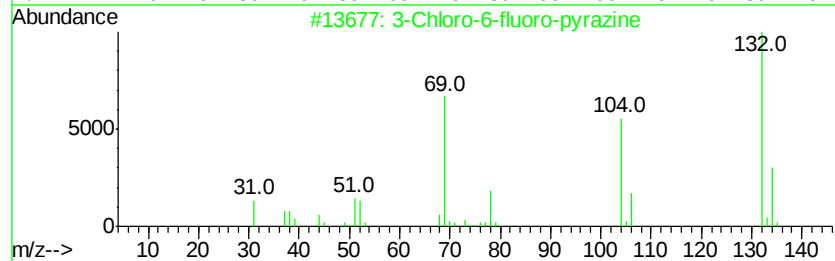
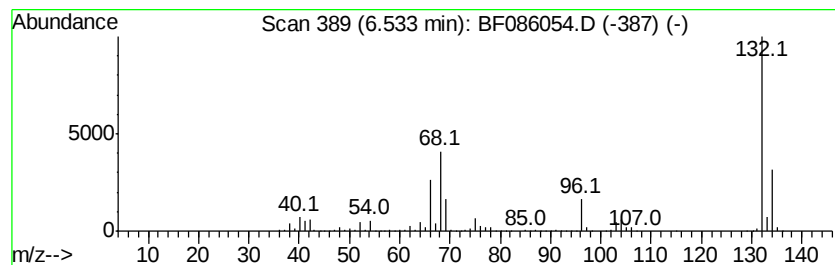
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	85.07 ng	3020050	1,4-Dichlorobenzene-d4	6.76

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			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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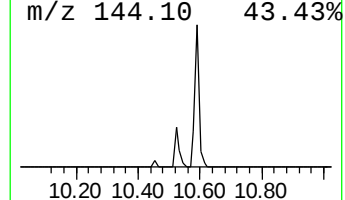
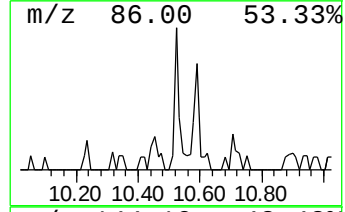
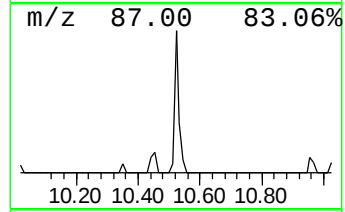
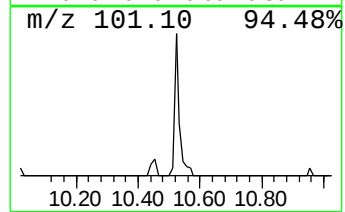
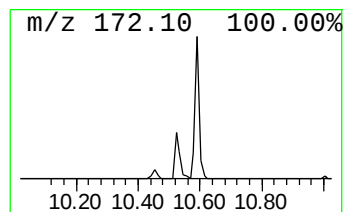
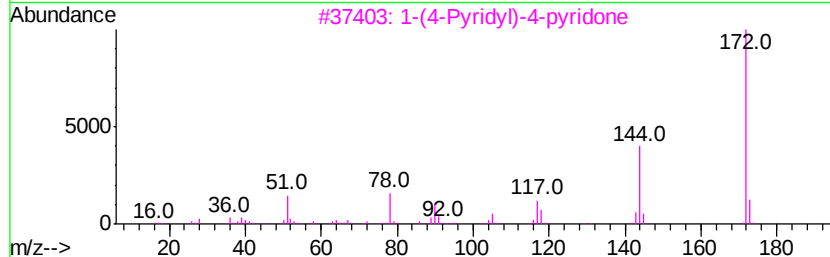
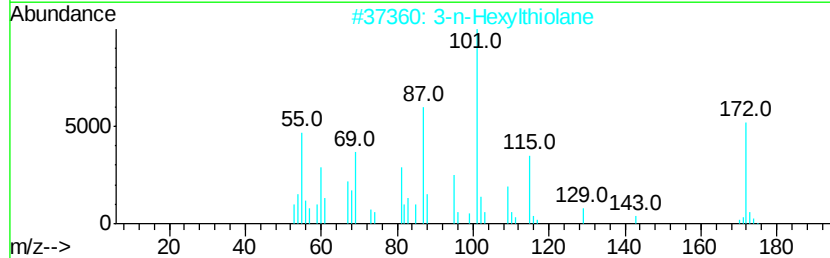
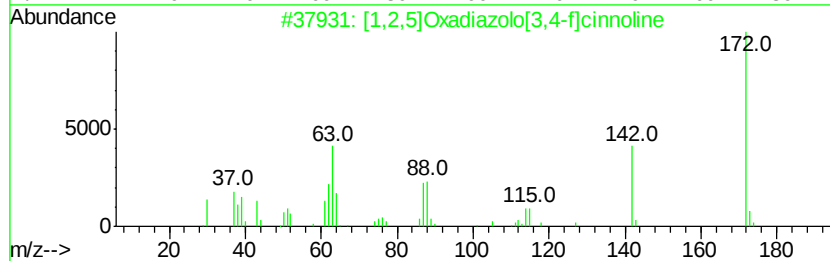
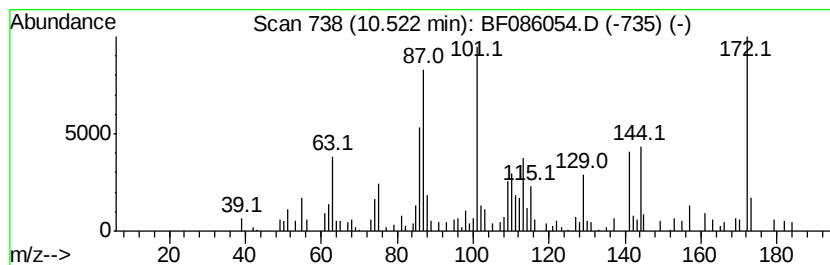
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown10.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.73 ng	125014	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,2,5]Oxadiazolo[3,4-f]cinnoline	172	C8H4N4O	217491-04-8	38
2		3-n-Hexylthiolane	172	C10H20S	001613-50-9	14
3		1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	11
4		3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	10
5		1-Naphthalenecarboxaldehyde, 2-h...	172	C11H8O2	000708-06-5	10



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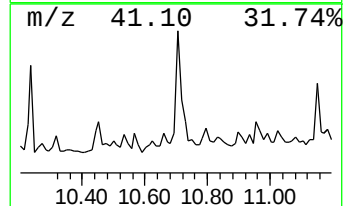
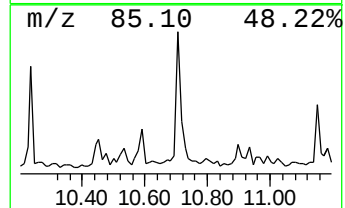
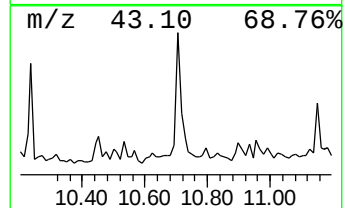
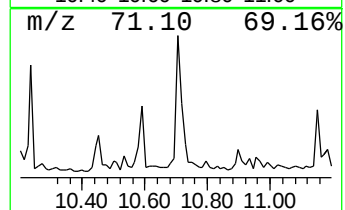
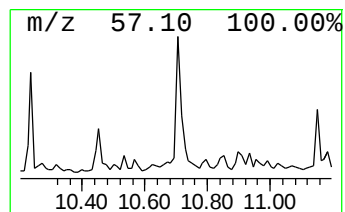
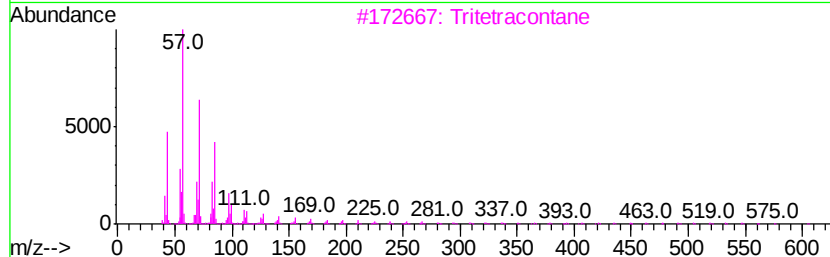
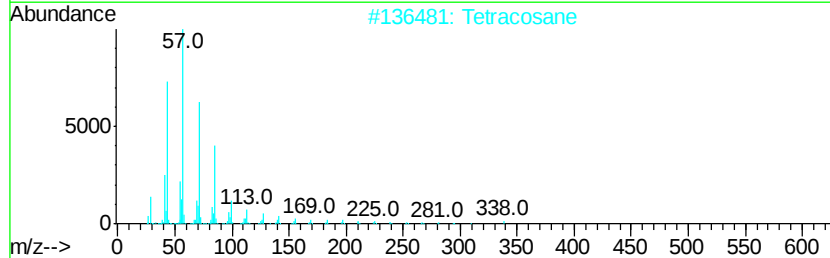
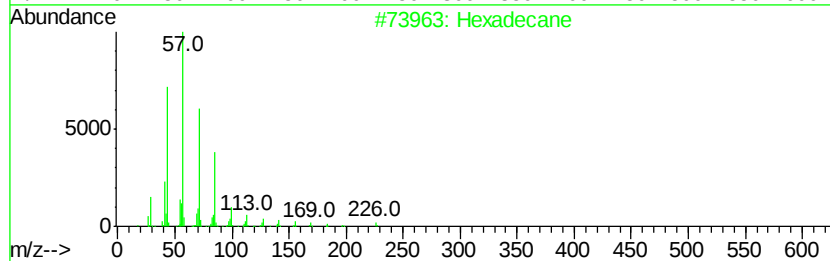
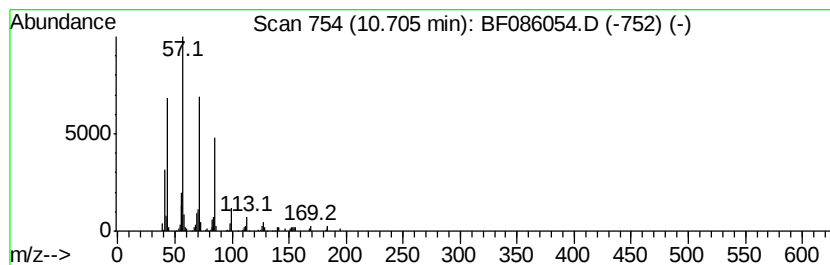
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.70	3.02 ng	178260	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tritetracontane	605	C43H88	007098-21-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	90



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Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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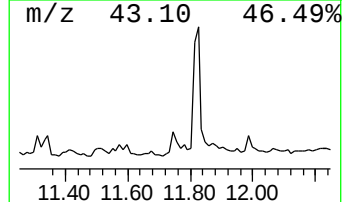
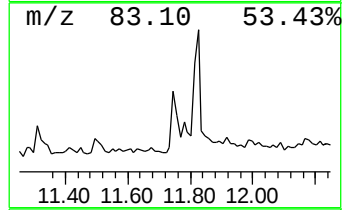
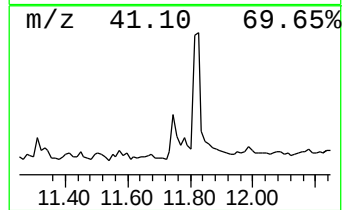
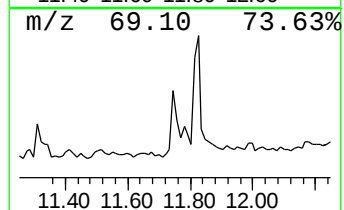
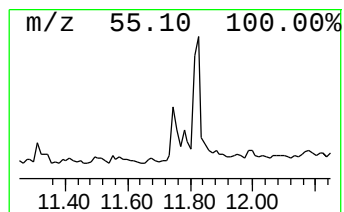
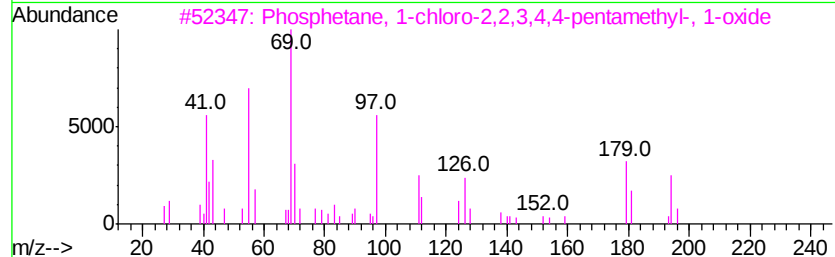
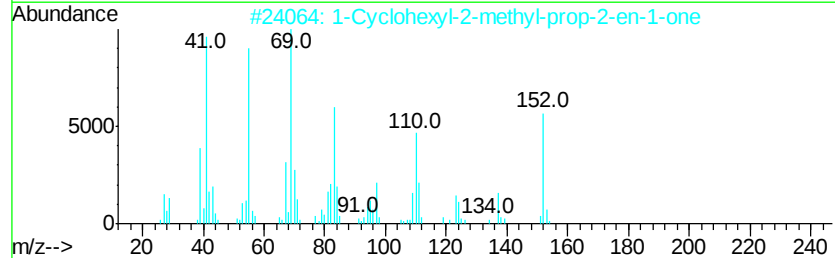
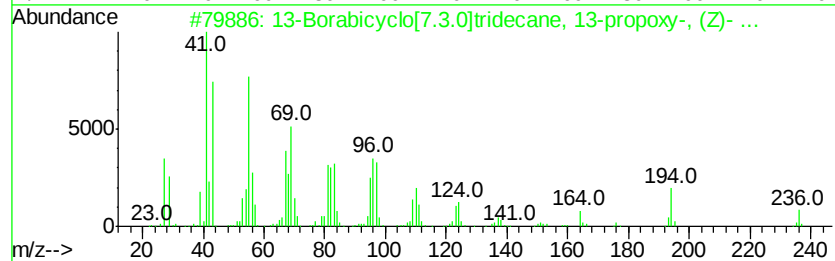
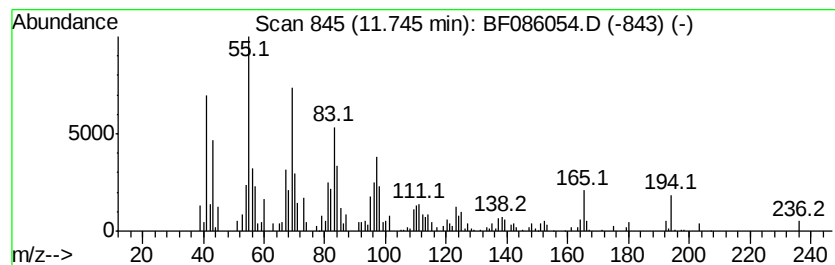
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 13-Borabicyclo[7.3.0]tridec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.30 ng	135904	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	90
2		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	50
3		Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	50
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	43
5		1-Tetradecanol	214	C14H30O	000112-72-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
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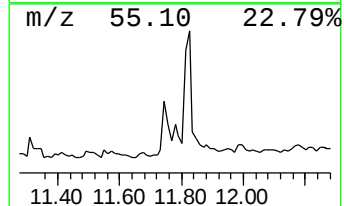
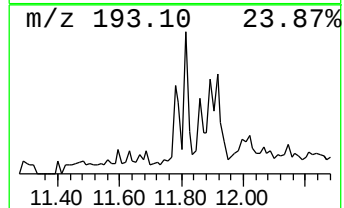
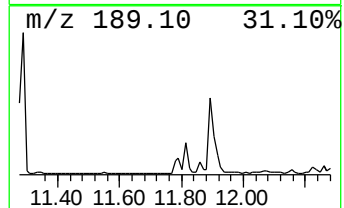
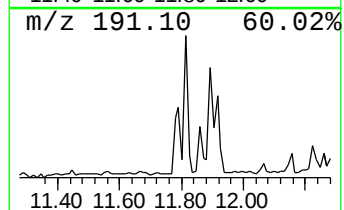
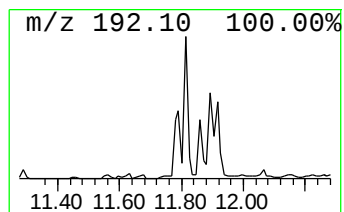
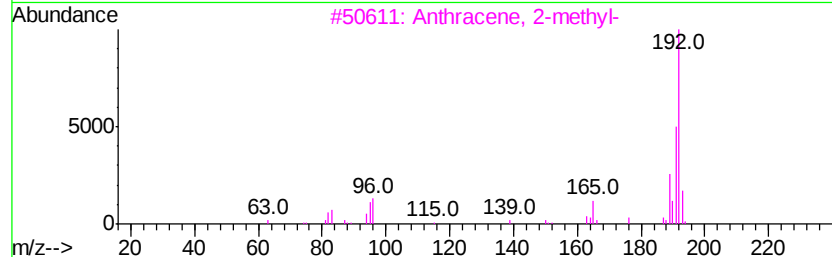
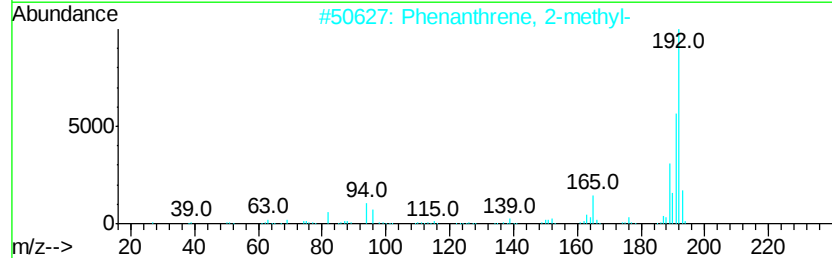
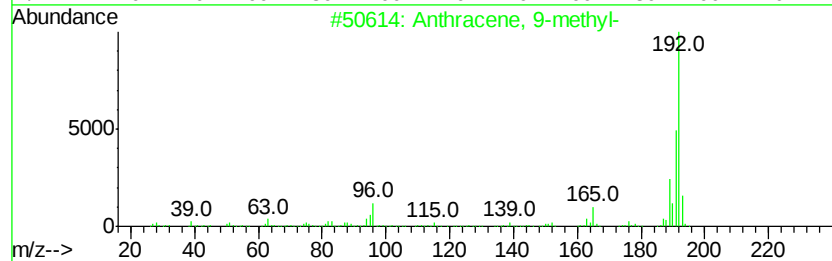
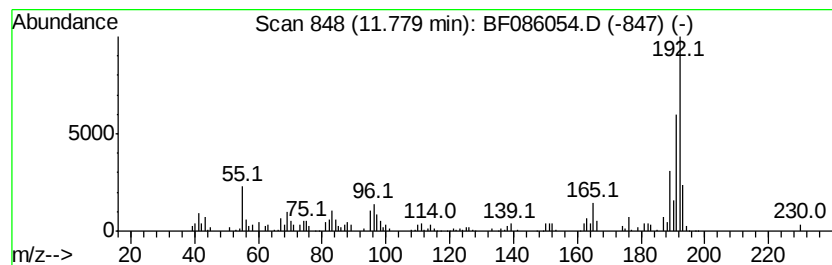
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.19 ng	129668	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
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Misc :
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ClientSampleId :
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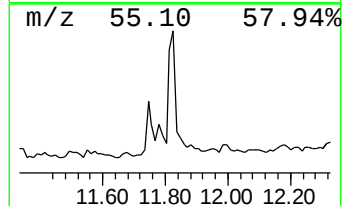
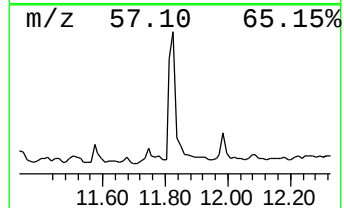
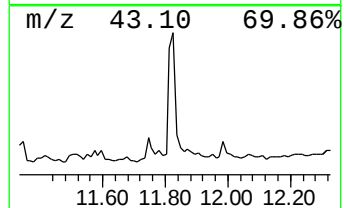
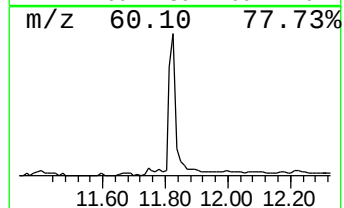
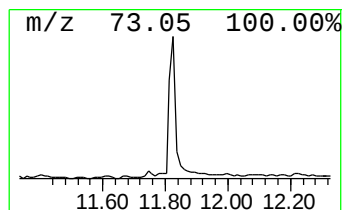
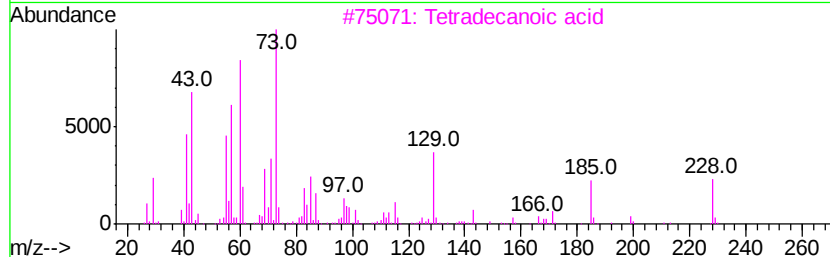
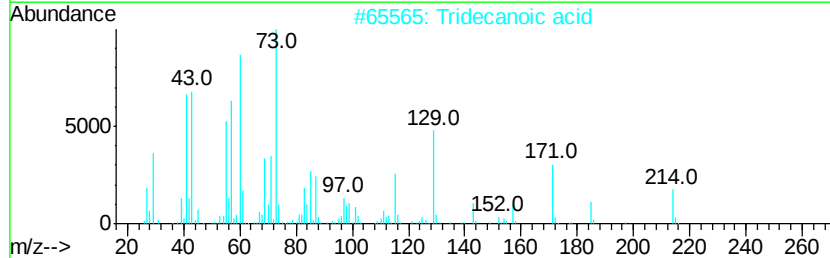
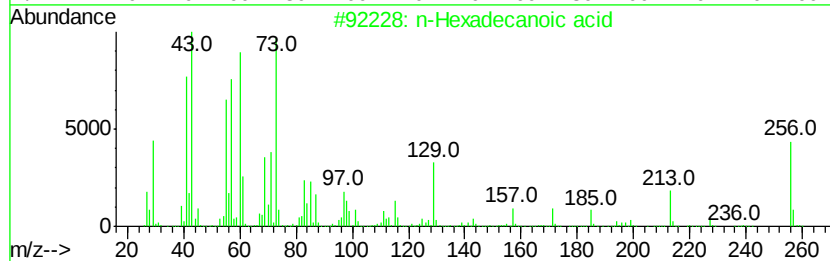
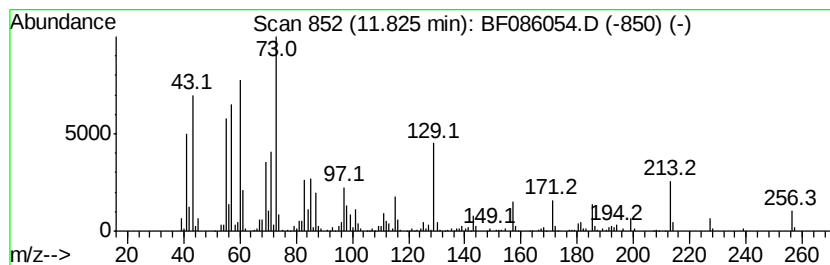
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	8.96 ng	529773	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Operator : UM/SJ
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ALS Vial : 20 Sample Multiplier: 1

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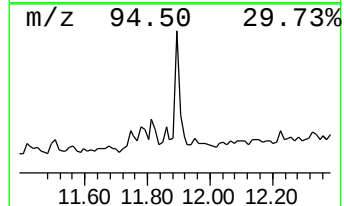
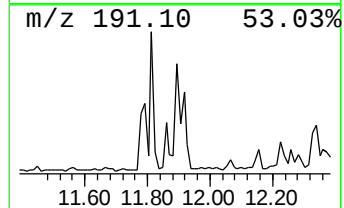
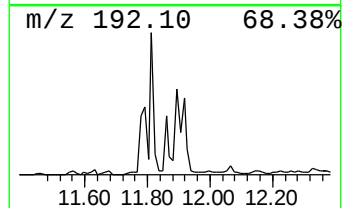
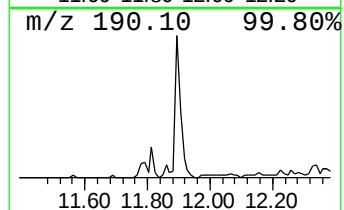
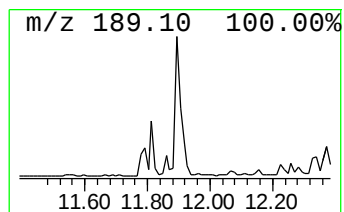
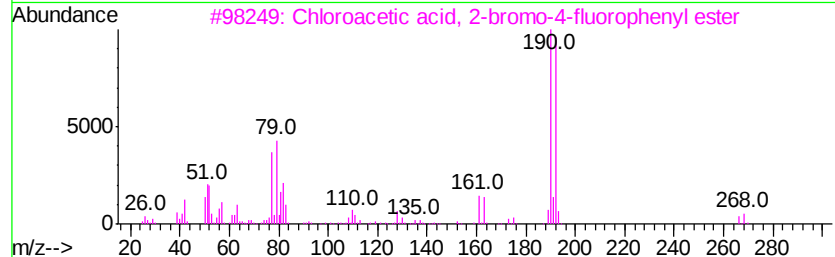
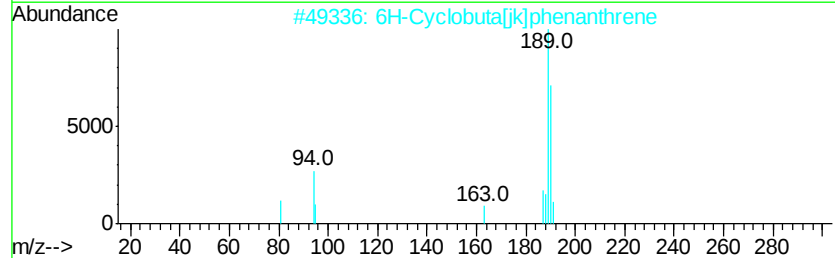
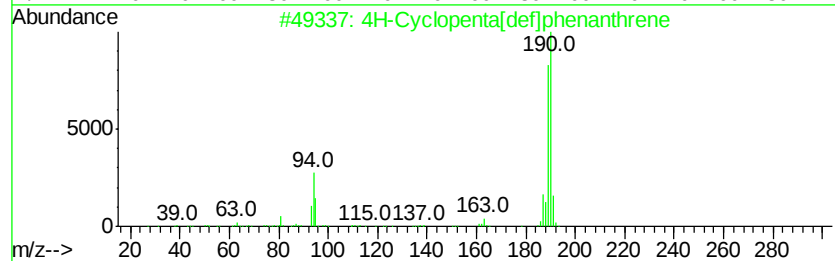
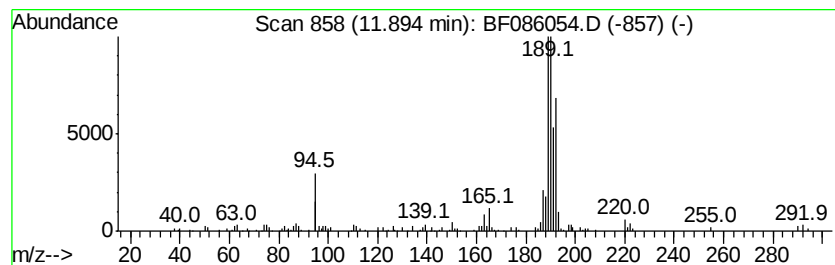
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.18 ng	187885	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Chloroacetic acid, 2-bromo-4-flu...	266	C8H5BrClF02	1000293-69-1	35
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
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Operator : UM/SJ
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Instrument :
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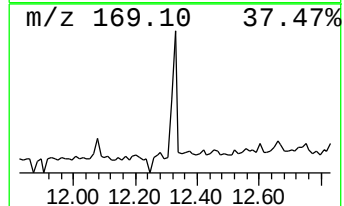
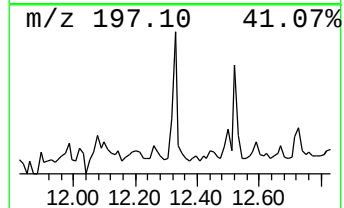
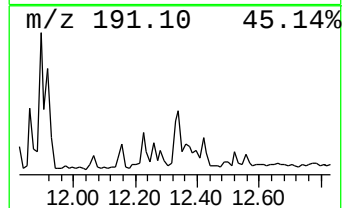
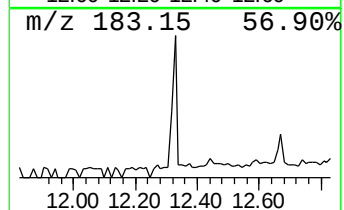
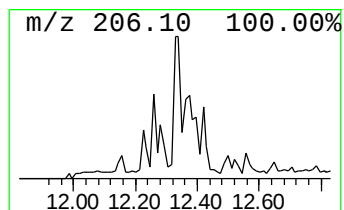
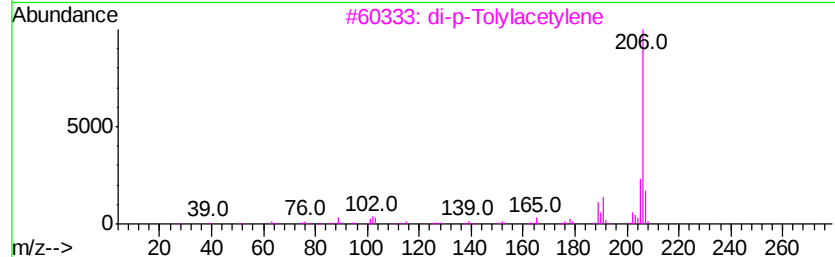
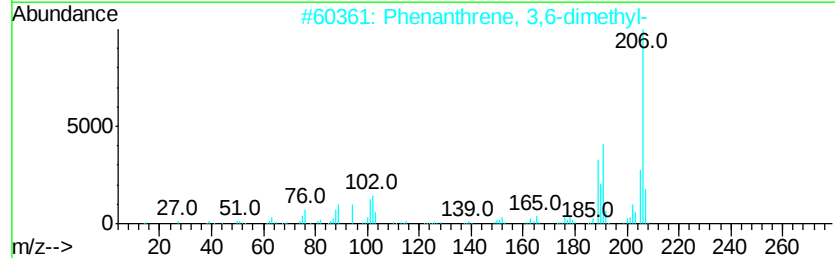
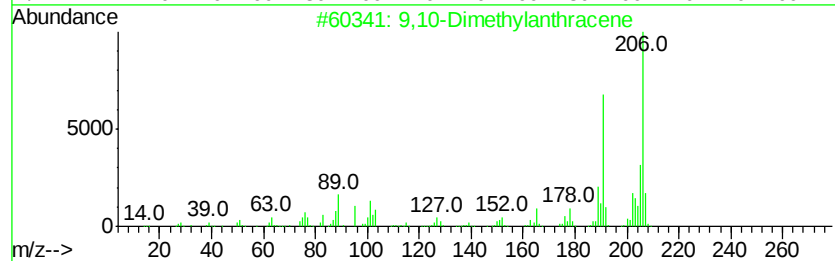
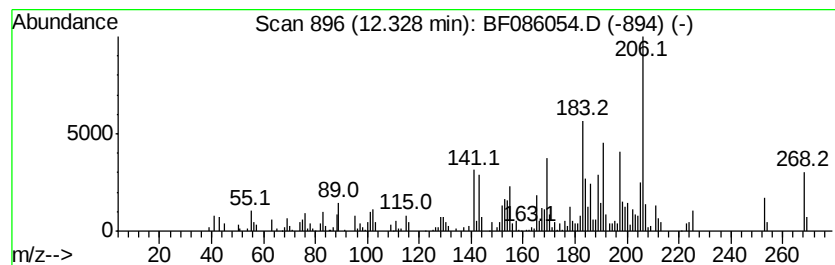
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Dimethylantracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.06 ng	121856	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			di-p-Tolylacetvlene	206	C16H14	002789-88-0	87
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	62



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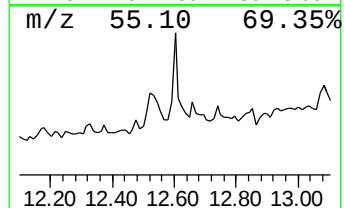
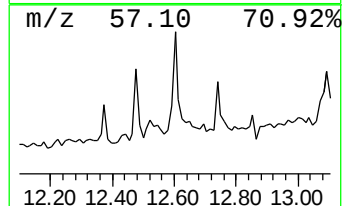
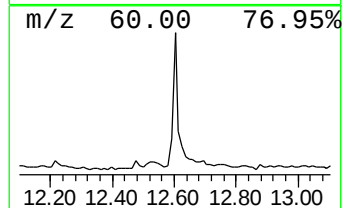
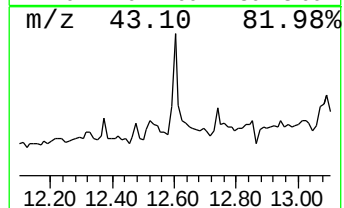
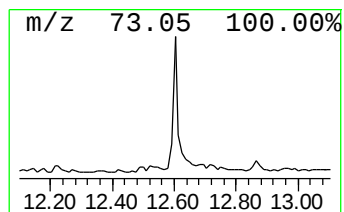
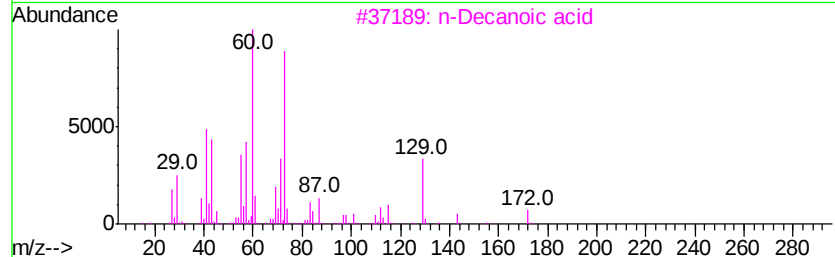
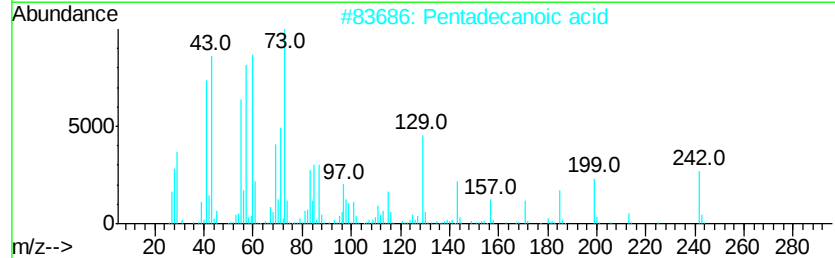
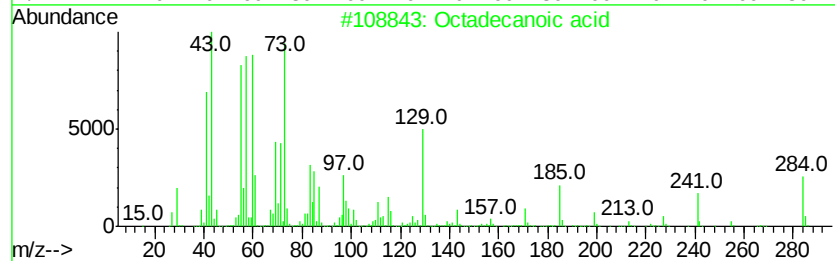
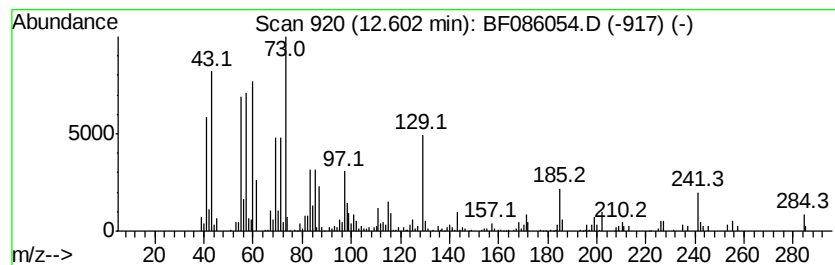
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.99 ng	176742	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3			n-Decanoic acid	172	C10H20O2	000334-48-5	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Tetradecane	198	C14H30	000629-59-4	56



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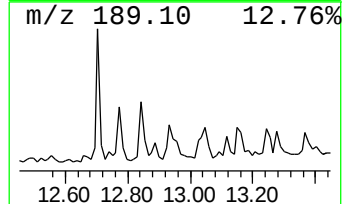
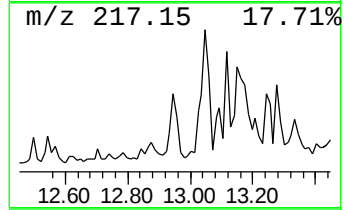
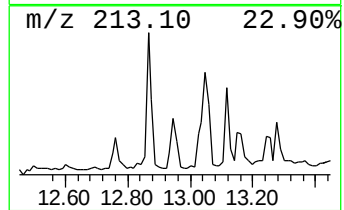
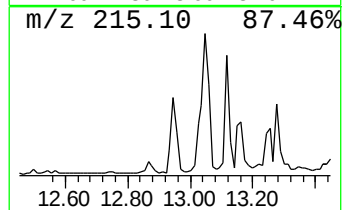
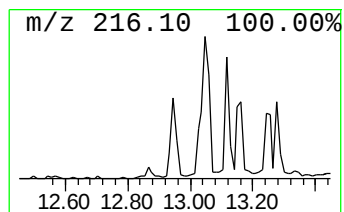
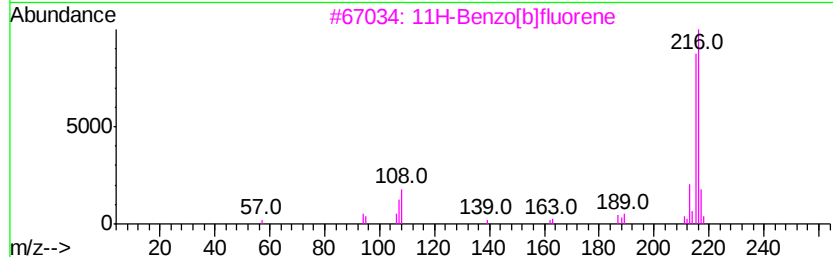
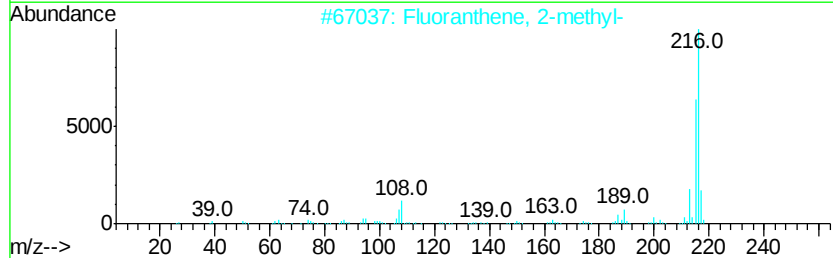
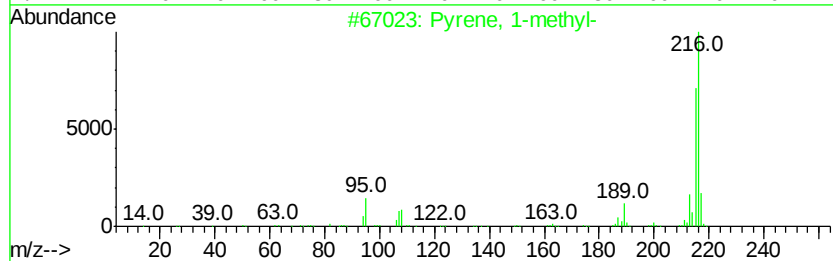
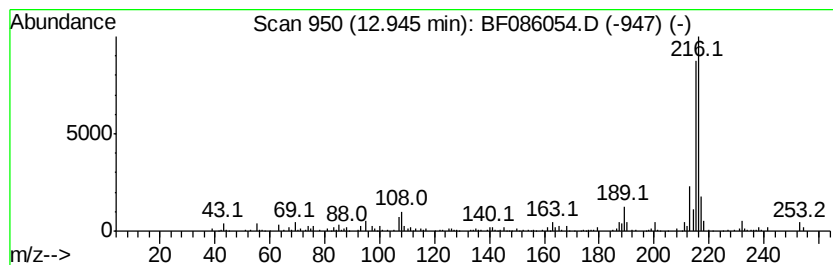
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.95	2.21 ng	148018	Chrysene-d12	13.92	
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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

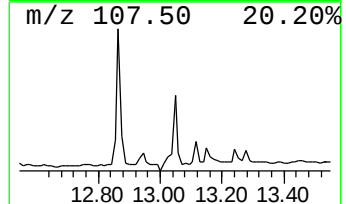
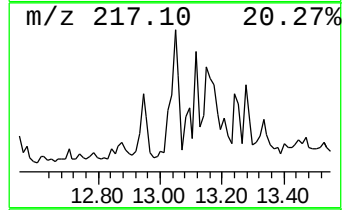
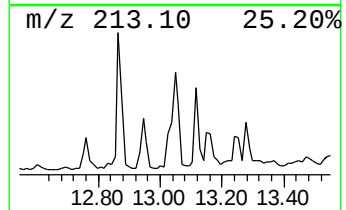
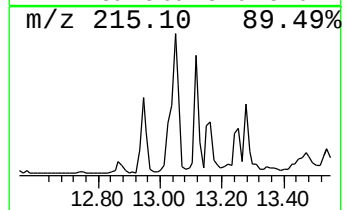
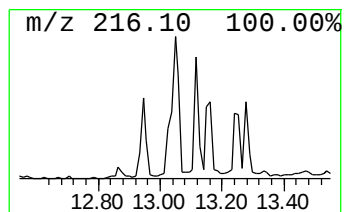
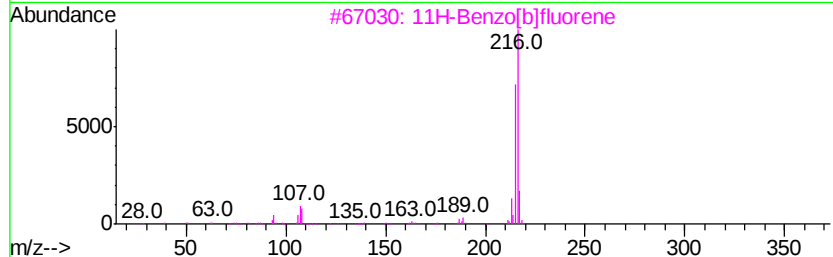
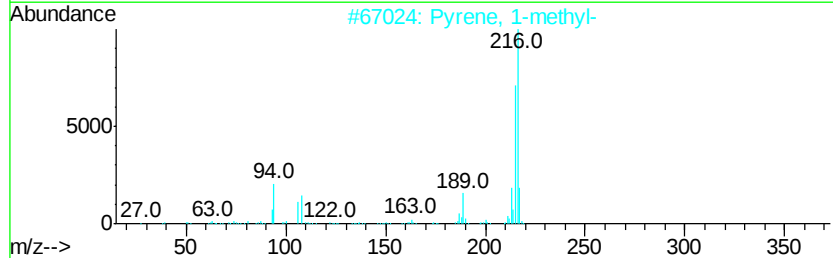
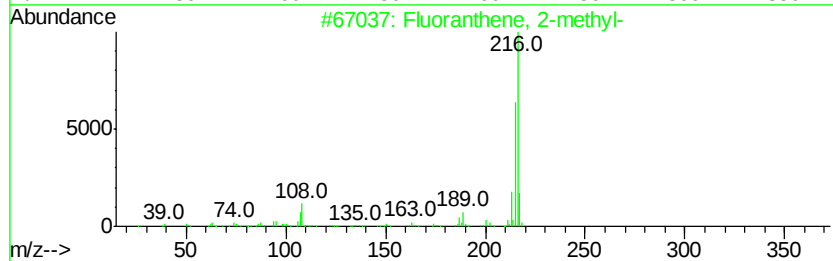
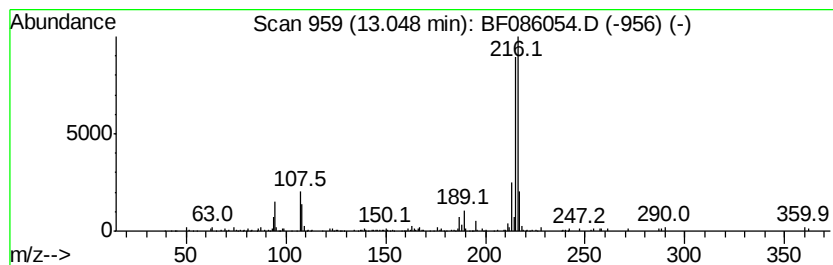
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.43 ng	162843	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
L-P-C-SOIL-PILE1

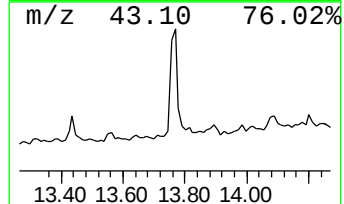
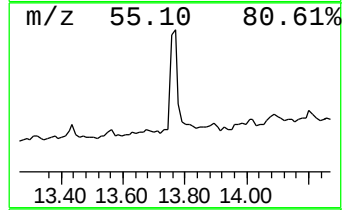
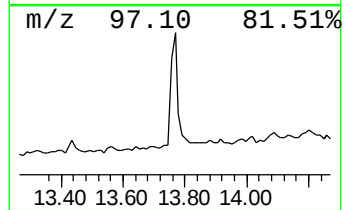
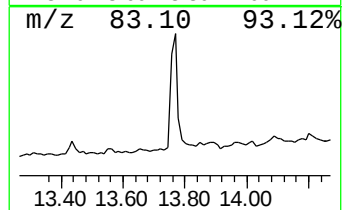
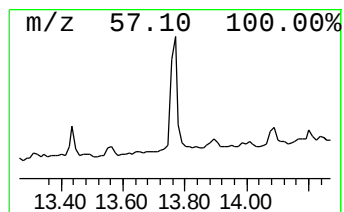
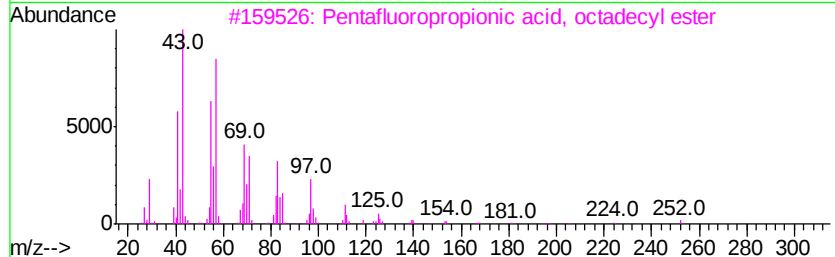
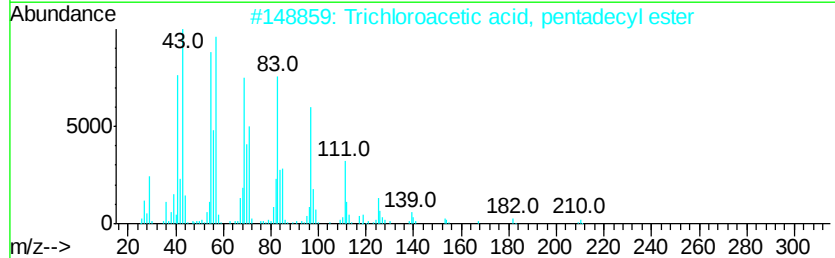
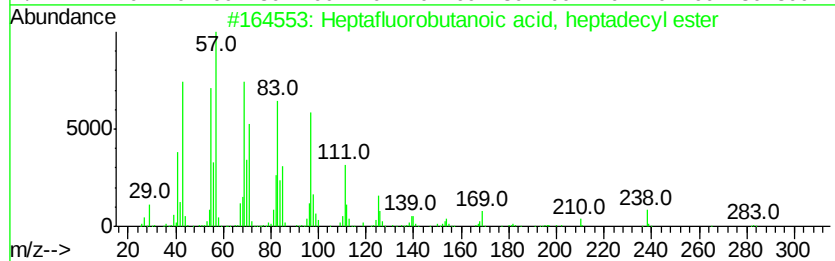
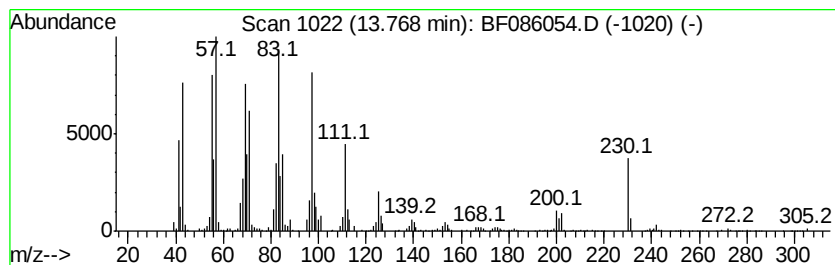
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptafluorobutanoic acid, h... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.34 ng	491748	Chrysene-d12	13.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3			Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
4			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
Sample : H2166-01
Misc :
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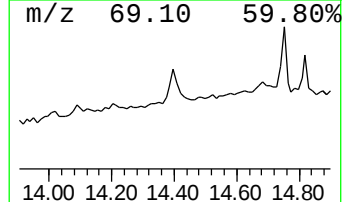
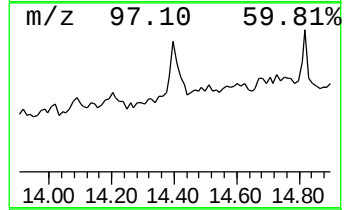
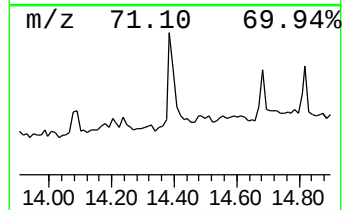
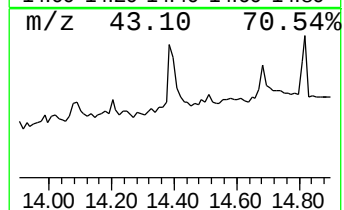
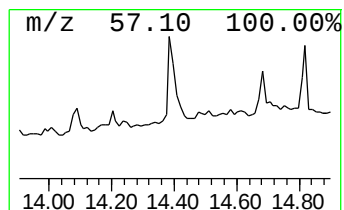
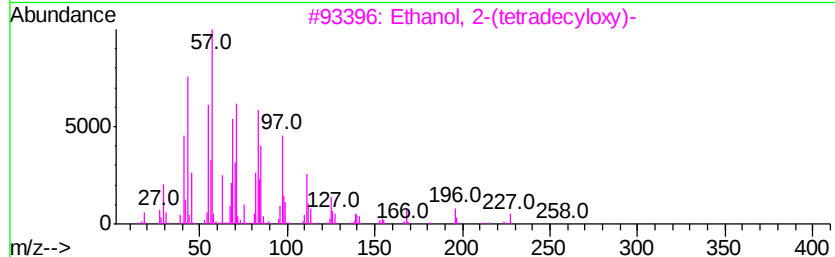
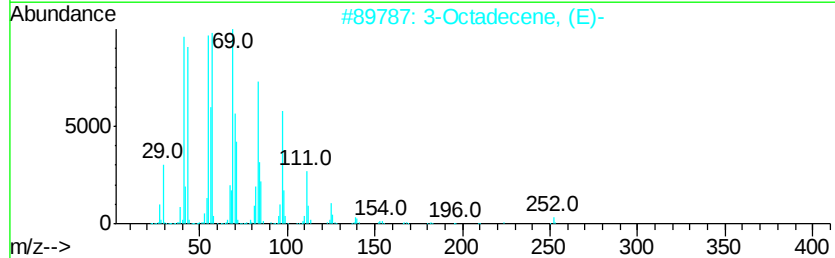
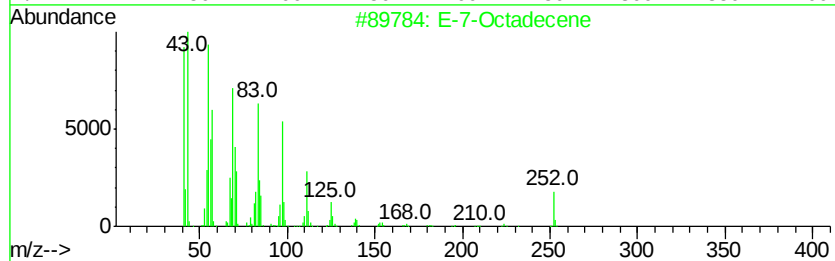
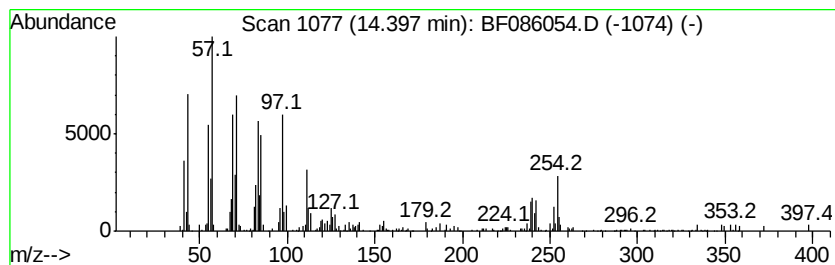
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 E-7-Octadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.19 ng	213659	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-7-Octadecene	252 C18H36	1000130-92-0	70
2	3-Octadecene, (E)-	252 C18H36	007206-19-1	49
3	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	49
4	Octadecane	254 C18H38	000593-45-3	46
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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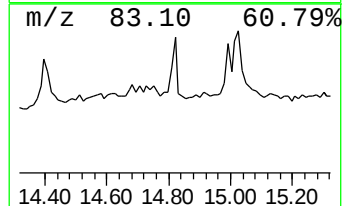
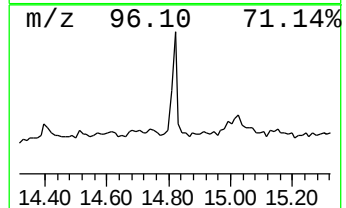
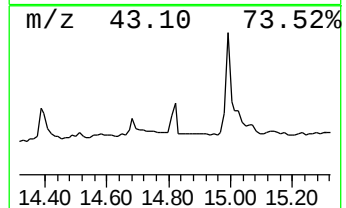
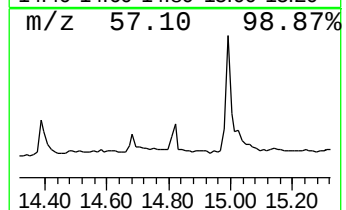
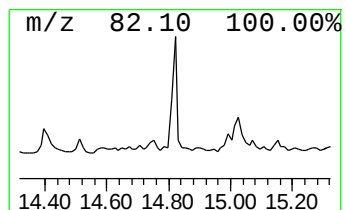
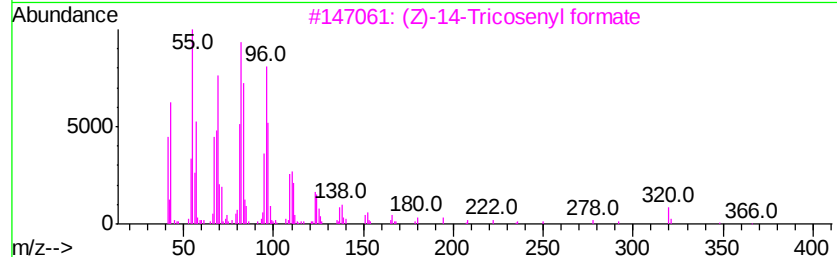
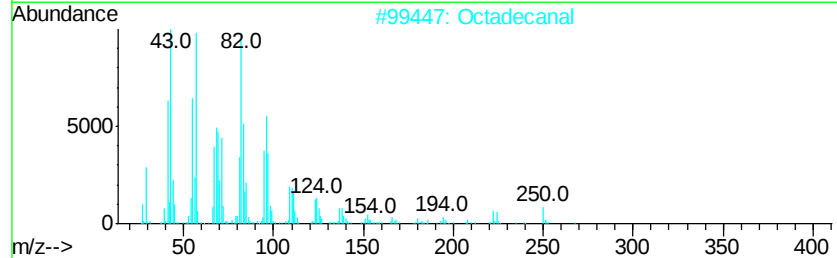
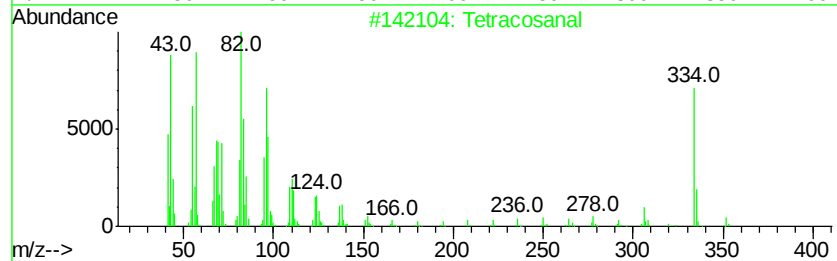
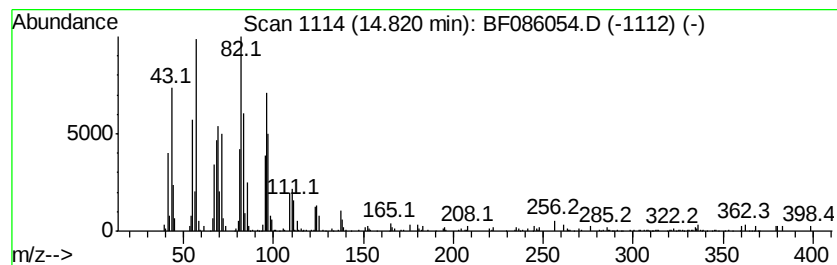
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.09 ng	156596	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanal	352	C24H48O	057866-08-7	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
4		15-Octadecenal	266	C18H34O	056554-93-9	90
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L-P-C-SOIL-PILE1

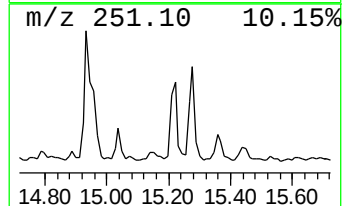
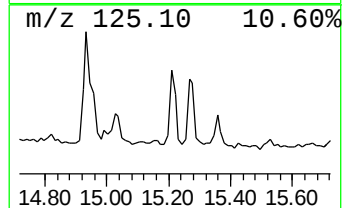
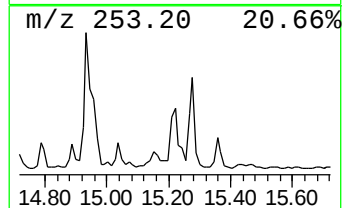
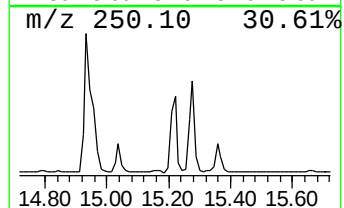
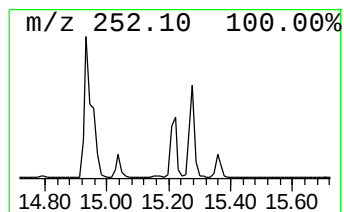
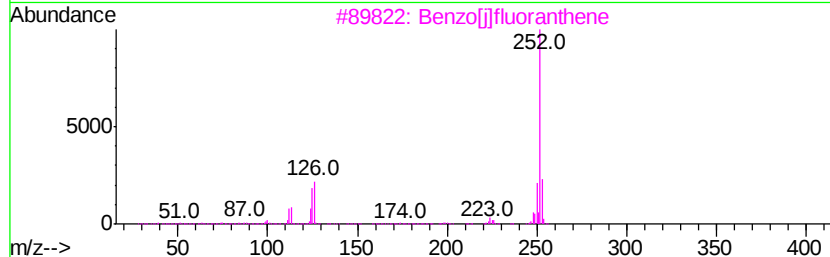
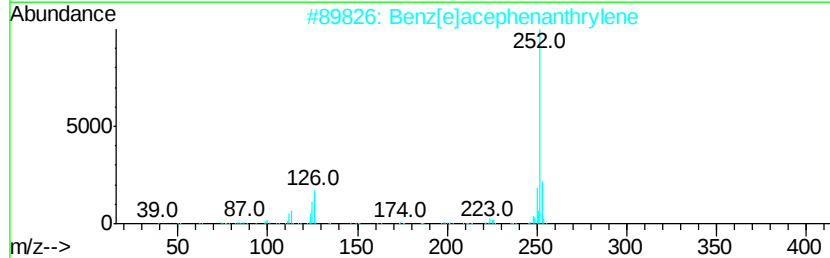
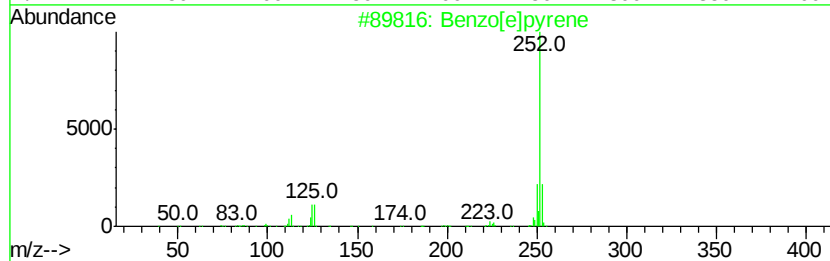
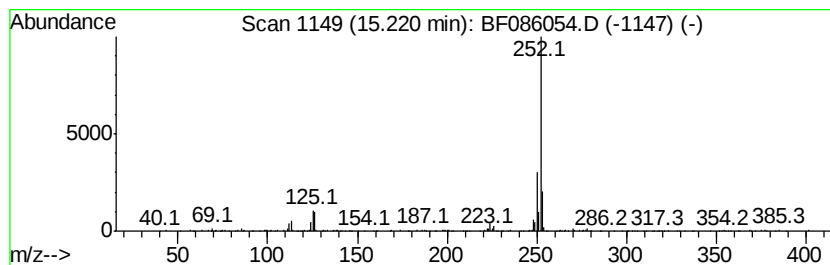
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	6.63 ng	203976	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
4		Benzo[a]bpvrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086054.D
Acq On : 4 Apr 2016 23:06
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L-P-C-SOIL-PILE1

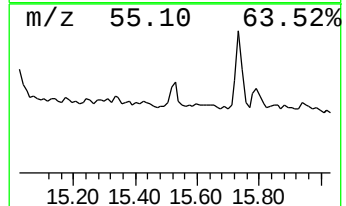
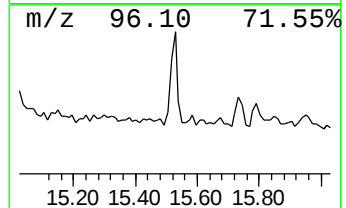
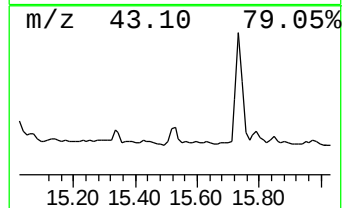
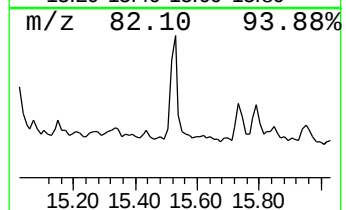
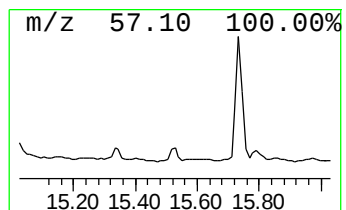
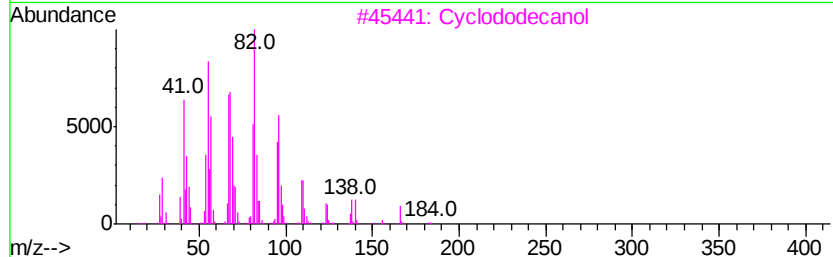
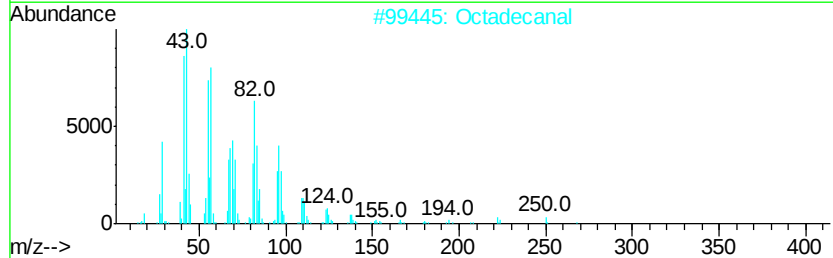
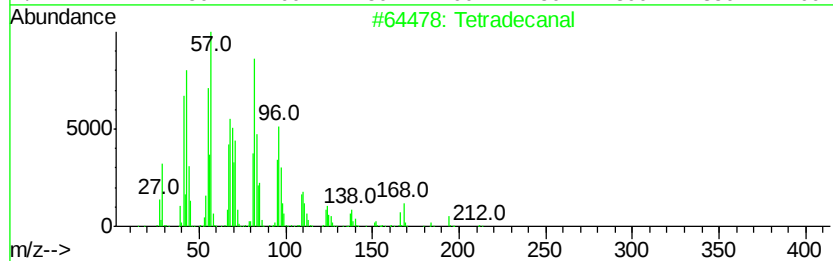
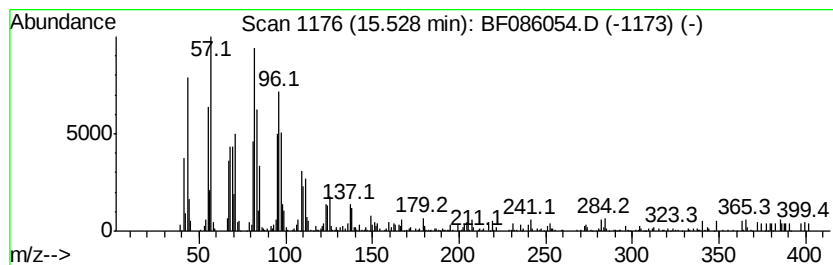
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradeanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	7.85 ng	241412	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradeanal	212	C14H28O	000124-25-4	90
2			Octadecanal	268	C18H36O	000638-66-4	87
3			Cyclododecanol	184	C12H24O	001724-39-6	86
4			1,19-Eicosadiene	278	C20H38	014811-95-1	83
5			17-Octadecenal	266	C18H34O	056554-86-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
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Operator : UM/SJ
Sample : H2166-01
Misc :
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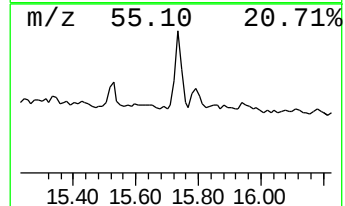
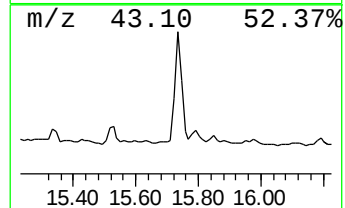
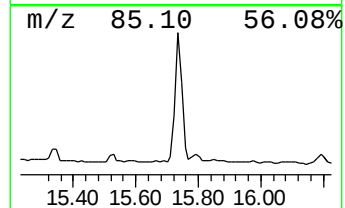
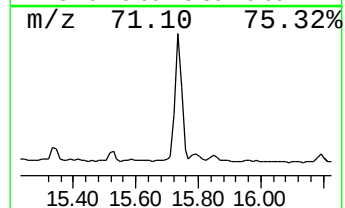
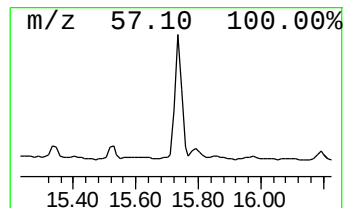
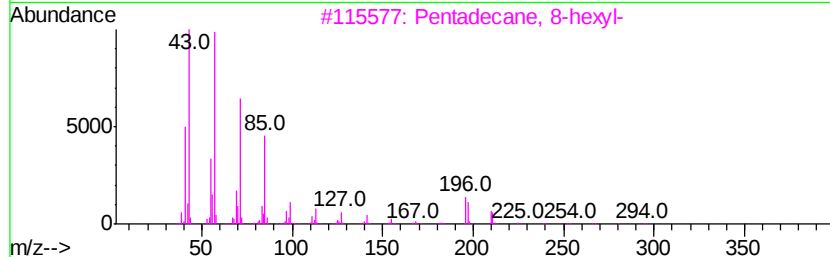
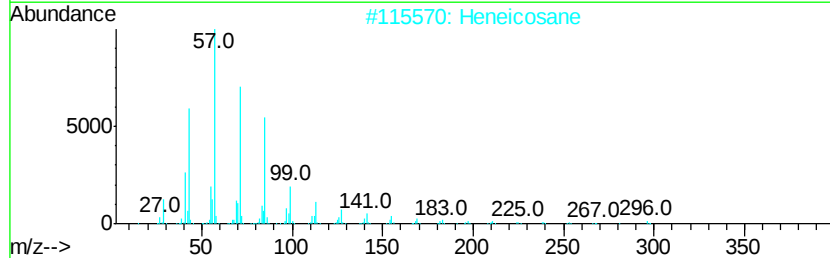
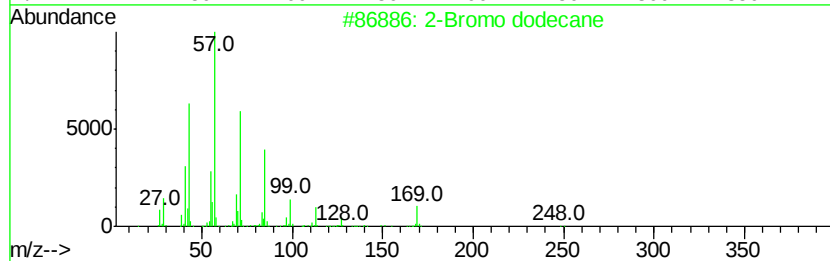
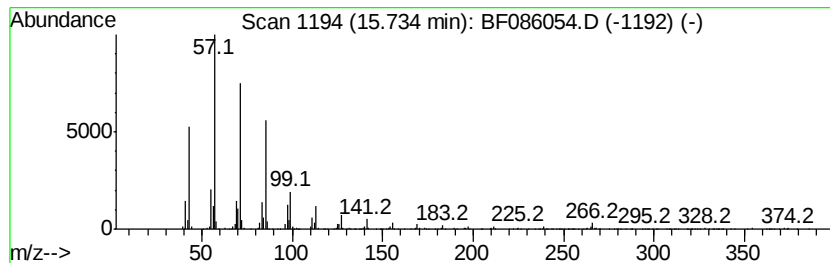
Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.73	18.10 ng	556759	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086054.D
 Acq On : 4 Apr 2016 23:06
 Operator : UM/SJ
 Sample : H2166-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.96	2.6 ng		92219	1	6.76	710027	20.0
unknown6.53	6.53	85.1 ng		3020050	1	6.76	710027	20.0
unknown10.52	10.52	2.7 ng		125014	3	9.80	914679	20.0
Hexadecane	10.70	3.0 ng		178260	4	11.29	1182110	20.0
13-Borabicyclo[7....	11.75	2.3 ng		135904	4	11.29	1182110	20.0
Anthracene, 9-met...	11.78	2.2 ng		129668	4	11.29	1182110	20.0
n-Hexadecanoic acid	11.83	9.0 ng		529773	4	11.29	1182110	20.0
4H-Cyclopenta[def...	11.89	3.2 ng		187885	4	11.29	1182110	20.0
9,10-Dimethylanthe...	12.33	2.1 ng		121856	4	11.29	1182110	20.0
Octadecanoic acid	12.60	3.0 ng		176742	4	11.29	1182110	20.0
Pyrene, 1-methyl-	12.95	2.2 ng		148018	5	13.92	1340490	20.0
Fluoranthene, 2-m...	13.05	2.4 ng		162843	5	13.92	1340490	20.0
Heptafluorobutano...	13.77	7.3 ng		491748	5	13.92	1340490	20.0
E-7-Octadecene	14.40	3.2 ng		213659	5	13.92	1340490	20.0
Tetracosanal	14.82	5.1 ng		156596	6	15.33	615135	20.0
Benzo[e]pyrene	15.22	6.6 ng		203976	6	15.33	615135	20.0
Tetradecanal	15.53	7.8 ng		241412	6	15.33	615135	20.0
2-Bromo dodecane	15.73	18.1 ng		556759	6	15.33	615135	20.0