

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095170.D
 Acq On : 16 May 2017 22:39
 Operator : SJ/MA
 Sample : I3167-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEADOW-SOIL

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-BF050217.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	3.490	257	264	286	rBV	324170	713982	32.27%	2.607%
2	5.125	539	542	560	rBV	142899	316483	14.30%	1.156%
3	5.742	643	647	682	rBV	894386	1895170	85.66%	6.921%
4	7.313	910	914	931	rBV	1137235	1839265	83.13%	6.717%
5	7.436	931	935	953	rVB	1498315	2212474	100.00%	8.080%
6	7.778	989	993	1004	rBV	433926	556685	25.16%	2.033%
7	8.013	1028	1033	1044	rBV	1228405	1543976	69.79%	5.639%
8	8.672	1140	1145	1163	rBV	788688	1133016	51.21%	4.138%
9	9.789	1330	1335	1339	rBV	540917	691369	31.25%	2.525%
10	10.966	1529	1535	1543	rBV	24418	40027	1.81%	0.146%
11	11.113	1555	1560	1569	rBV	21315	35397	1.60%	0.129%
12	11.560	1631	1636	1653	rBV	1533489	1926681	87.08%	7.036%
13	12.254	1750	1754	1765	rBV	136703	226441	10.23%	0.827%
14	12.618	1811	1816	1822	rBV2	613967	810605	36.64%	2.960%
15	12.671	1822	1825	1837	rVB	97306	140324	6.34%	0.512%
16	12.971	1872	1876	1888	rBV	45558	83184	3.76%	0.304%
17	13.454	1954	1958	1965	rBV	32227	39017	1.76%	0.142%
18	13.524	1965	1970	1982	rVB	57384	92970	4.20%	0.340%
19	13.795	2013	2016	2024	rVB3	25813	39412	1.78%	0.144%
20	13.913	2032	2036	2055	rBV	684519	1128643	51.01%	4.122%
21	14.224	2084	2089	2092	rBV	25201	31624	1.43%	0.115%
22	14.430	2117	2124	2129	rBV4	15181	25157	1.14%	0.092%
23	14.754	2175	2179	2186	rBV	30434	43322	1.96%	0.158%
24	14.812	2186	2189	2194	rVV6	14604	29192	1.32%	0.107%
25	14.860	2194	2197	2202	rVB	40966	47736	2.16%	0.174%
26	15.018	2220	2224	2227	rBV	504594	623630	28.19%	2.277%
27	15.060	2227	2231	2242	rVV	782061	1043719	47.17%	3.812%
28	15.148	2242	2246	2253	rVB	114946	161155	7.28%	0.589%
29	15.248	2259	2263	2268	rVB5	16501	22145	1.00%	0.081%
30	15.442	2293	2296	2303	rBV2	25872	52283	2.36%	0.191%
31	15.807	2354	2358	2362	rBV	59456	71525	3.23%	0.261%
32	15.848	2362	2365	2370	rBV	78062	93351	4.22%	0.341%
33	15.954	2380	2383	2385	rBV2	75354	88840	4.02%	0.324%
34	16.248	2428	2433	2439	rVB	53297	76749	3.47%	0.280%

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35	16.301	2439	2442	2448	rBV2	47596	69725	3.15%	0.255%
36	16.454	2464	2468	2471	rBV2	33762	40618	1.84%	0.148%
37	16.601	2489	2493	2496	rBV2	34322	44558	2.01%	0.163%
38	16.642	2496	2500	2504	rVV3	17677	29953	1.35%	0.109%
39	16.718	2508	2513	2516	rBV3	34993	48856	2.21%	0.178%
40	16.801	2522	2527	2533	rBV	759625	874078	39.51%	3.192%
41	16.883	2537	2541	2549	rVV3	64655	87910	3.97%	0.321%
42	17.001	2558	2561	2565	rBV	26009	33684	1.52%	0.123%
43	17.059	2565	2571	2574	rVV8	22009	47006	2.12%	0.172%
44	17.101	2574	2578	2589	rVB	706995	865402	39.11%	3.160%
45	17.295	2607	2611	2614	rBV	37408	47211	2.13%	0.172%
46	17.336	2614	2618	2626	rVB	934533	1143343	51.68%	4.175%
47	17.424	2626	2633	2637	rBV3	28906	56249	2.54%	0.205%
48	17.536	2649	2652	2654	rVV4	25342	37300	1.69%	0.136%
49	17.565	2655	2657	2664	rVB2	44974	59895	2.71%	0.219%
50	17.653	2669	2672	2676	rVB	29142	31075	1.40%	0.113%
51	17.701	2676	2680	2688	rBV4	67819	132555	5.99%	0.484%
52	17.818	2697	2700	2703	rBV	24454	24396	1.10%	0.089%
53	17.865	2704	2708	2711	rVV	23124	31996	1.45%	0.117%
54	17.906	2711	2715	2718	rVB4	32842	44505	2.01%	0.163%
55	17.977	2721	2727	2728	rBV6	12569	24499	1.11%	0.089%
56	18.012	2730	2733	2734	rVV	27634	27830	1.26%	0.102%
57	18.030	2734	2736	2742	rVB	57136	61998	2.80%	0.226%
58	18.253	2770	2774	2778	rBV	47199	56333	2.55%	0.206%
59	18.371	2790	2794	2796	rBV	26659	37478	1.69%	0.137%
60	18.400	2796	2799	2803	rVB2	62958	69935	3.16%	0.255%
61	18.436	2803	2805	2808	rVB2	30092	26784	1.21%	0.098%
62	18.471	2808	2811	2814	rBV2	26419	31019	1.40%	0.113%
63	18.524	2817	2820	2826	rVB2	29142	39331	1.78%	0.144%
64	18.595	2828	2832	2835	rBV4	35903	60553	2.74%	0.221%
65	18.689	2842	2848	2852	rBV2	563289	878868	39.72%	3.210%
66	18.724	2852	2854	2865	rVV	228717	314056	14.19%	1.147%
67	18.818	2868	2870	2875	rVB	38797	42104	1.90%	0.154%
68	18.977	2894	2897	2901	rBV3	22790	37283	1.69%	0.136%
69	19.200	2932	2935	2938	rBV2	28974	40137	1.81%	0.147%
70	19.242	2939	2942	2946	rVB5	23984	32488	1.47%	0.119%
71	19.371	2957	2964	2969	rBV5	45237	97298	4.40%	0.355%

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72	19.812	3035	3039	3043	rBV2	51728	80380	3.63%	0.294%
73	19.959	3060	3064	3067	rBV	213934	299475	13.54%	1.094%
74	20.094	3081	3087	3094	rVB3	89734	147016	6.64%	0.537%
75	20.253	3111	3114	3118	rVB	125207	133281	6.02%	0.487%
76	20.312	3120	3124	3129	rVV	161802	216462	9.78%	0.791%
77	20.365	3129	3133	3142	rVB	376059	557283	25.19%	2.035%
78	20.830	3207	3212	3219	rBV	113114	188685	8.53%	0.689%
79	21.706	3359	3361	3367	rVB	45076	70092	3.17%	0.256%
80	22.094	3423	3427	3434	rVB2	54969	119963	5.42%	0.438%
81	22.183	3437	3442	3450	rVB5	165542	378082	17.09%	1.381%
82	22.271	3454	3457	3460	rVV5	44702	81889	3.70%	0.299%
83	22.312	3460	3464	3470	rVB3	101256	188328	8.51%	0.688%
84	22.600	3509	3513	3525	rVB7	151345	457009	20.66%	1.669%
85	22.871	3555	3559	3567	rVB8	81948	185267	8.37%	0.677%
86	23.030	3582	3586	3596	rVB6	59314	137737	6.23%	0.503%
87	23.453	3652	3658	3659	rBV6	13759	23223	1.05%	0.085%
88	23.747	3701	3708	3709	rBV7	30148	55480	2.51%	0.203%
89	23.877	3722	3730	3744	rVB3	192799	558791	25.26%	2.041%

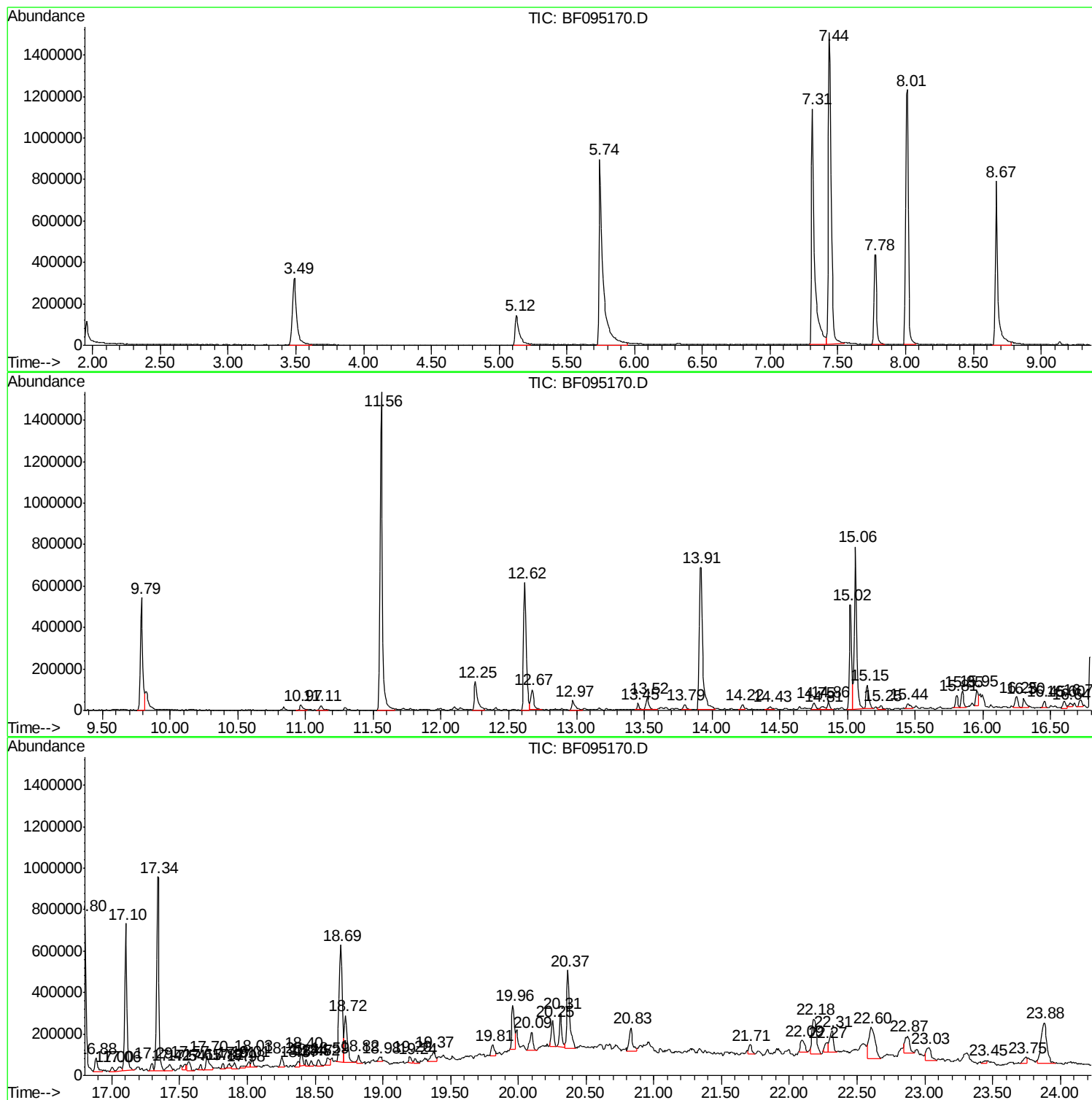
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Instrument :
BNA_F
ClientSampled :
MEADOW-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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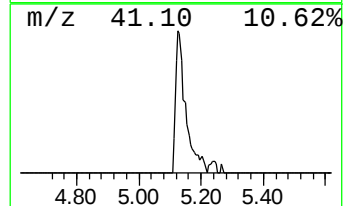
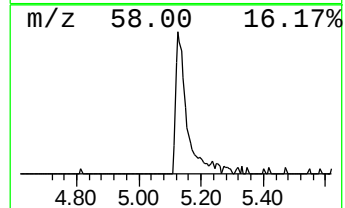
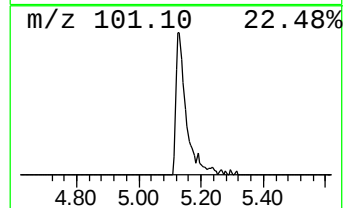
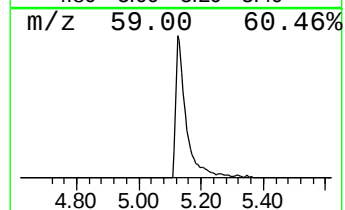
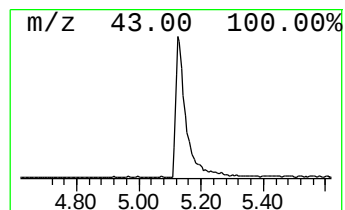
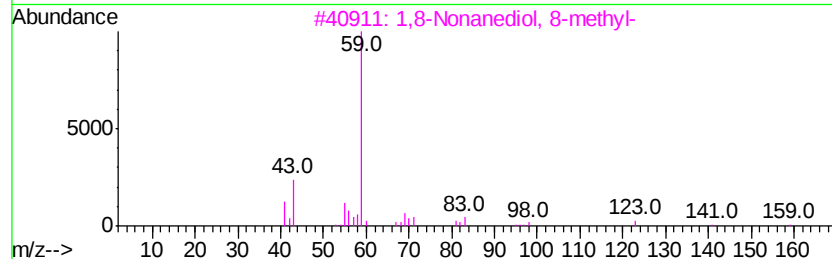
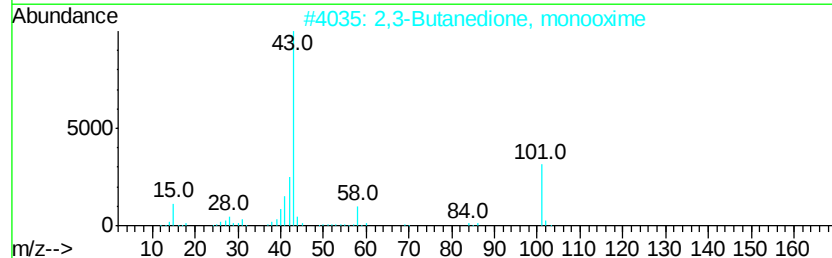
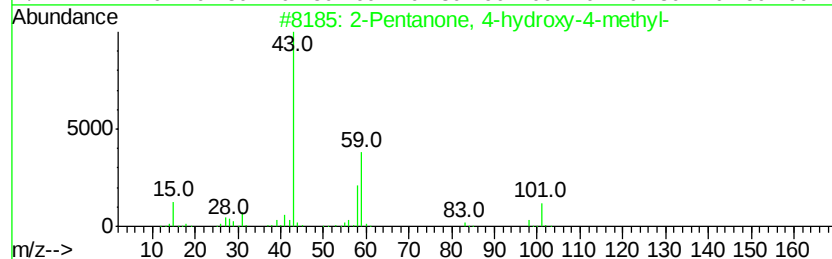
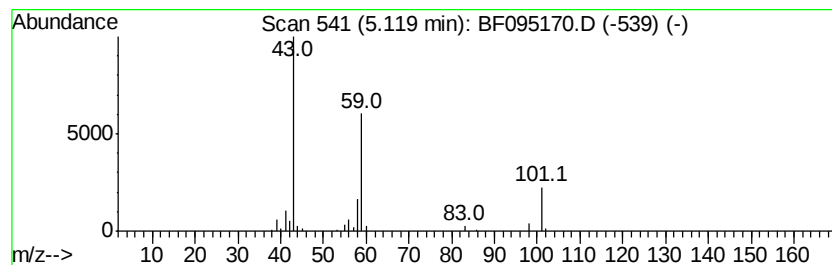
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	11.37 ng	316483	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		Guanidine	59	CH5N3	000113-00-8	9



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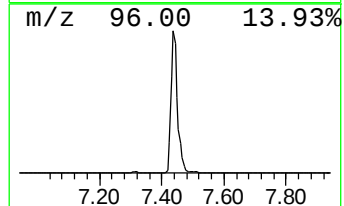
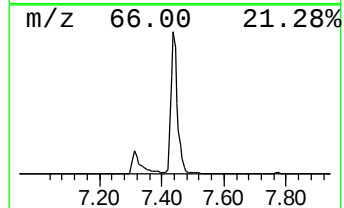
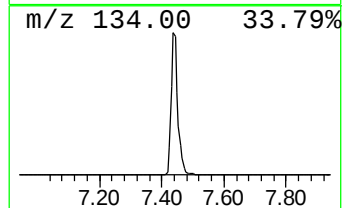
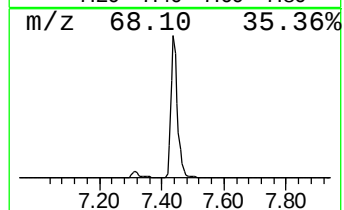
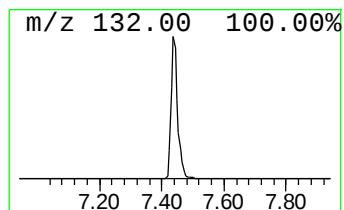
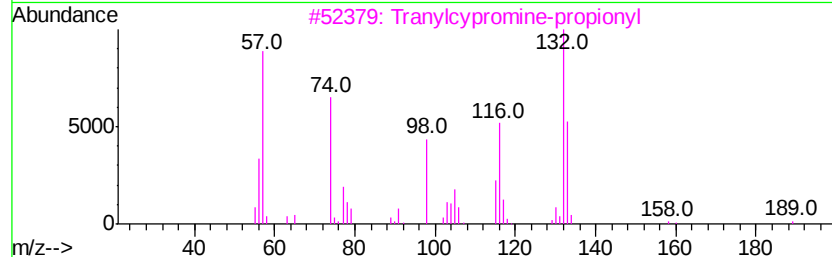
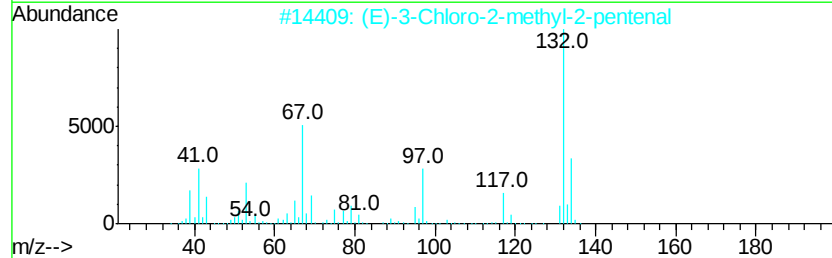
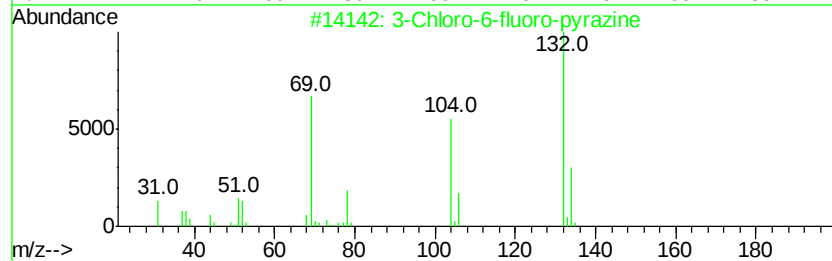
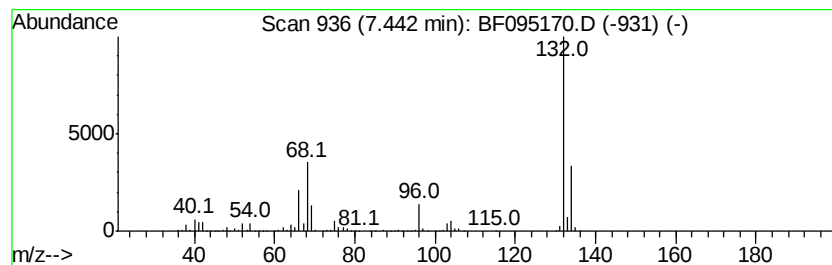
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	79.49 ng	2212470	1,4-Dichlorobenzene-d4	7.78

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	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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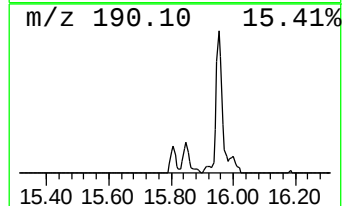
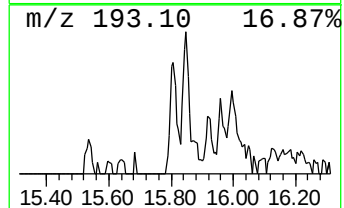
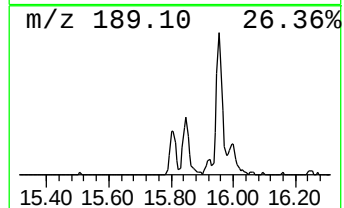
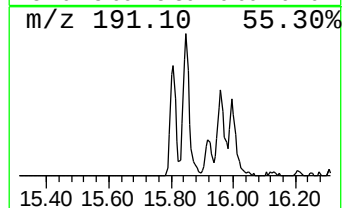
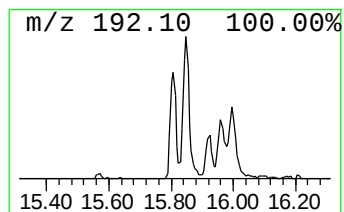
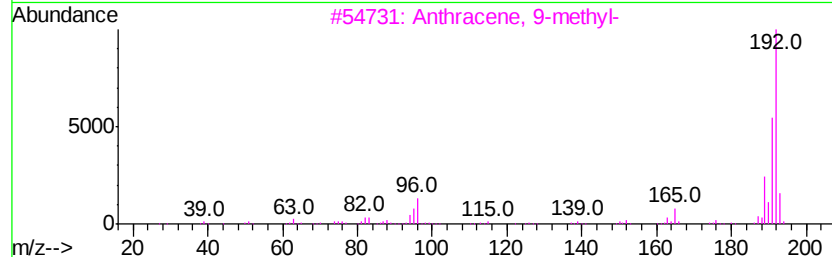
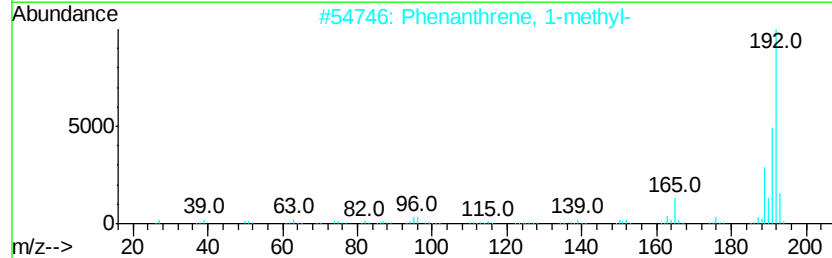
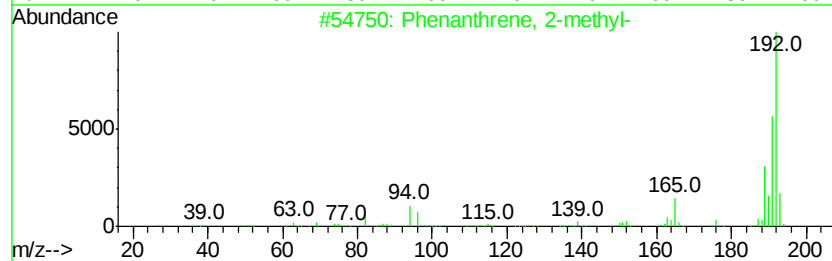
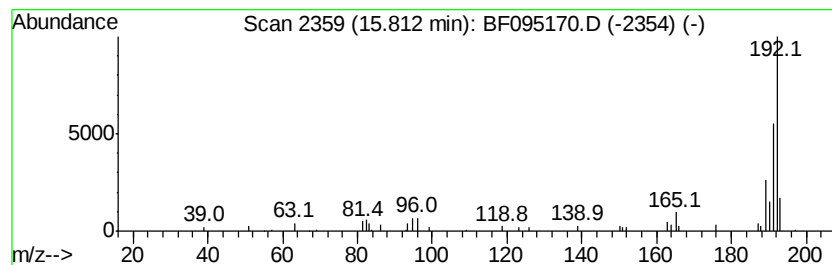
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.29 ng	71525	Phenanthrene-d10	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



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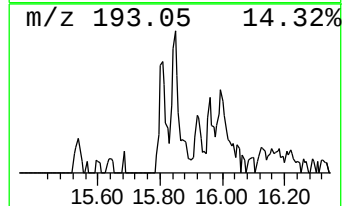
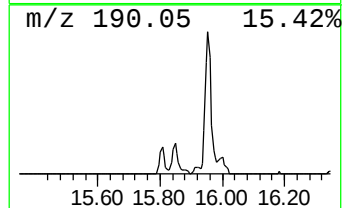
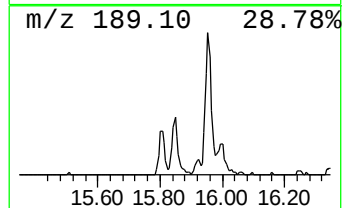
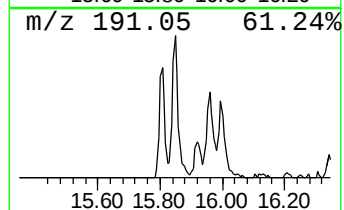
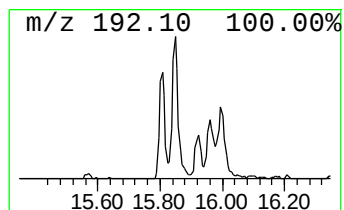
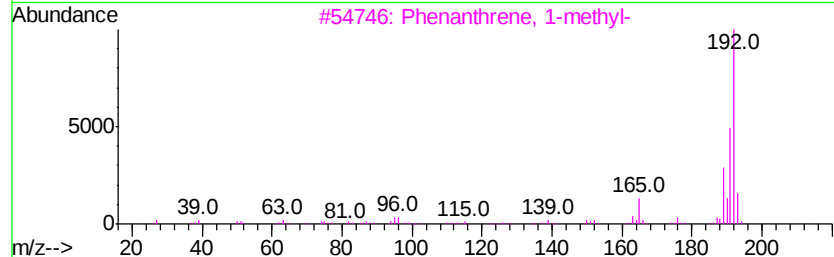
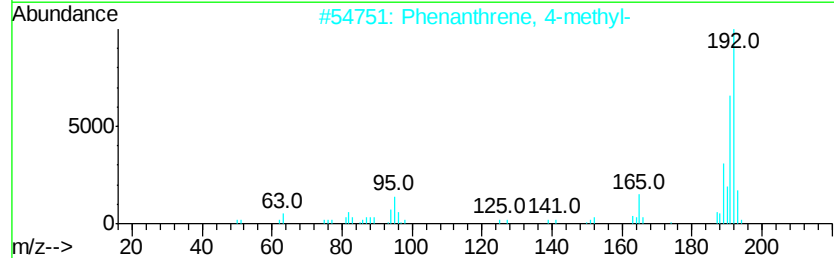
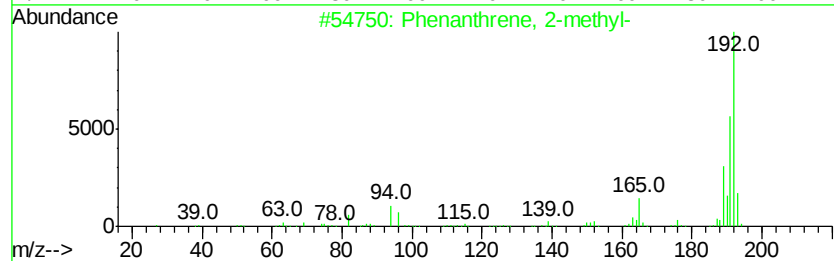
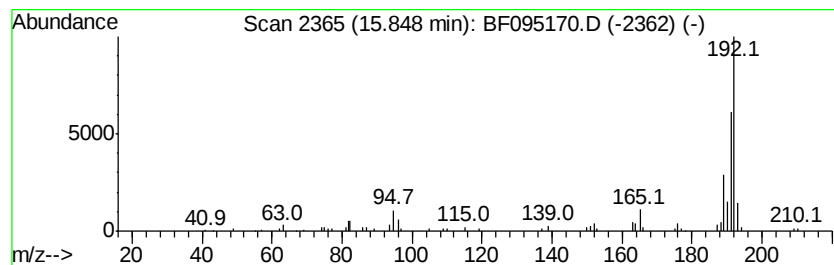
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ClientSampleId :
MEADOW-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.85	2.99 ng	93351	Phenanthrene-d10	15.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEADOW-SOIL

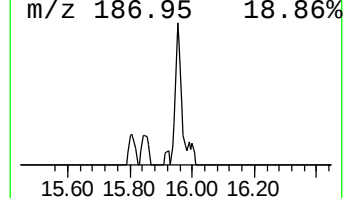
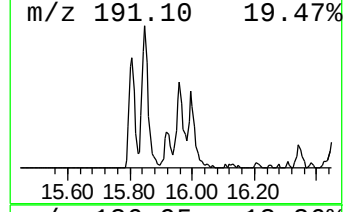
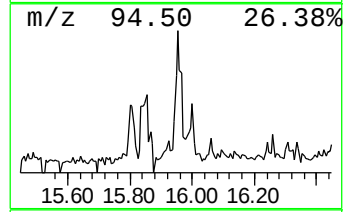
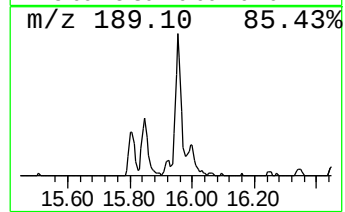
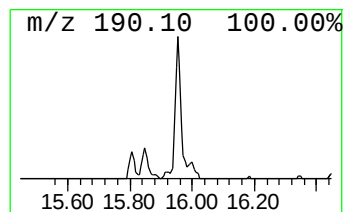
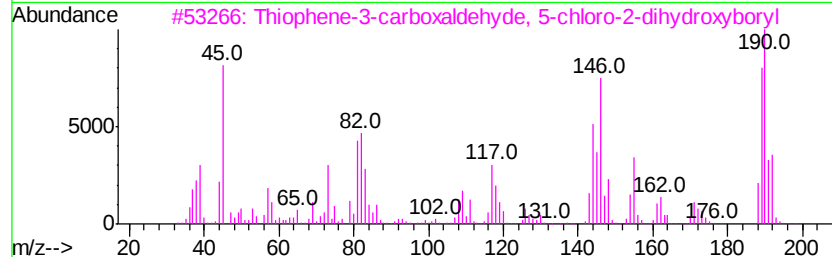
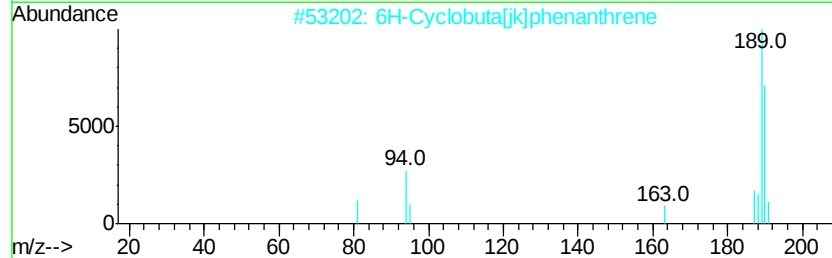
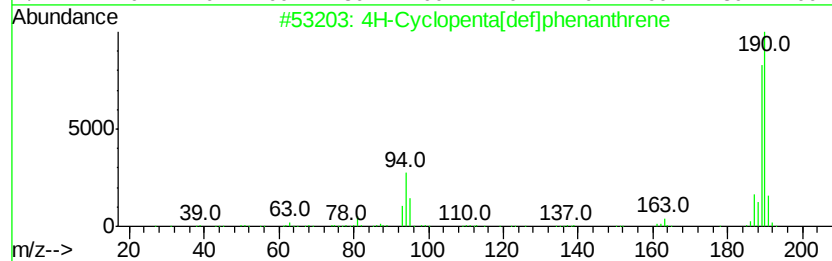
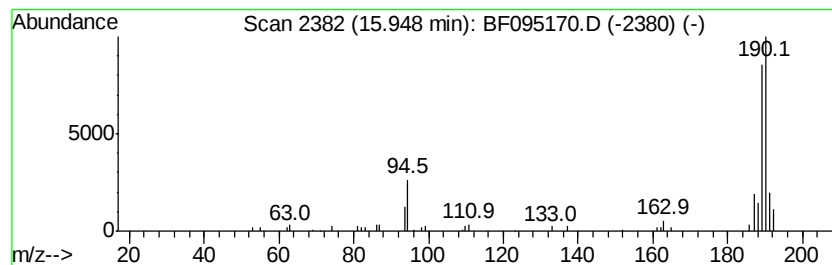
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.85 ng	88840	Phenanthrene-d10	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyd, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4		Methyl diselenide	190	C2H6Se2	007101-31-7	43
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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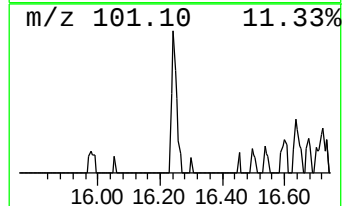
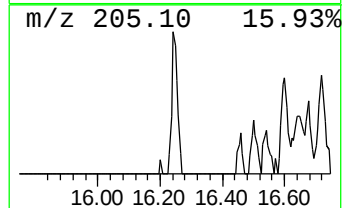
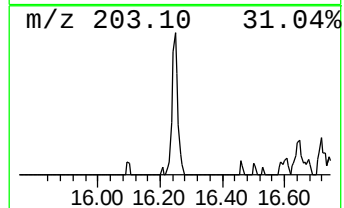
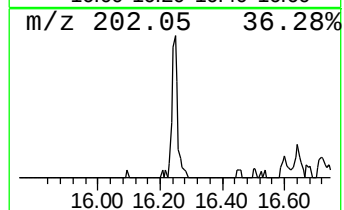
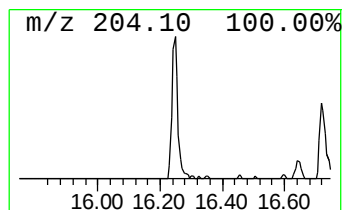
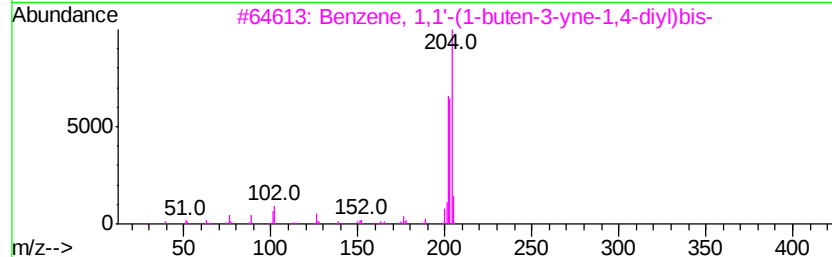
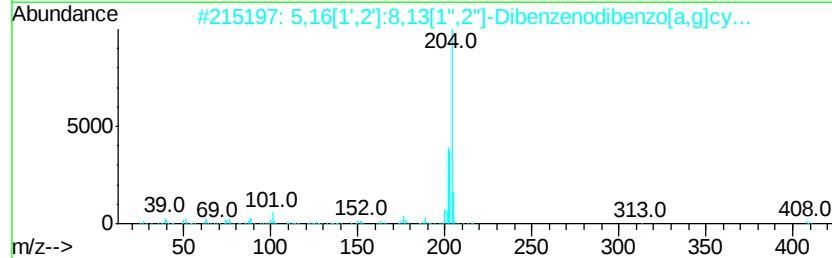
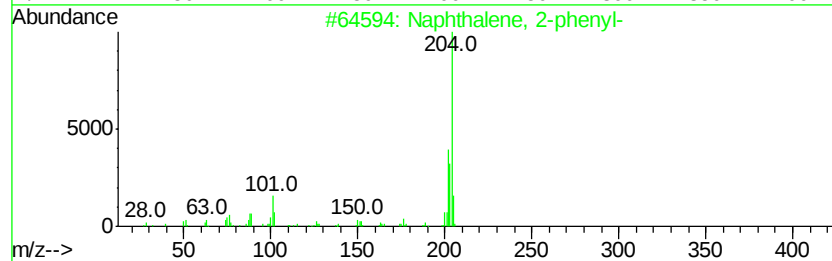
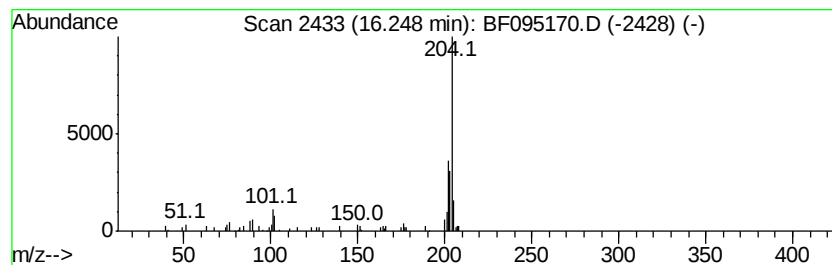
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.46 ng	76749	Phenanthrene-d10	15.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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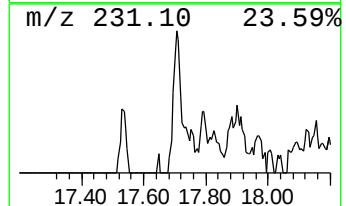
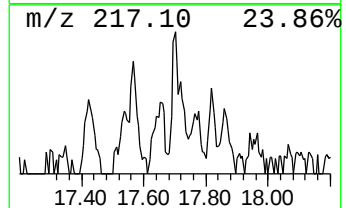
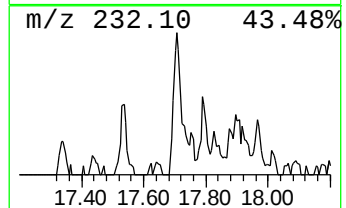
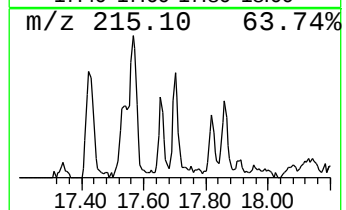
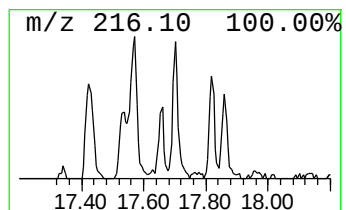
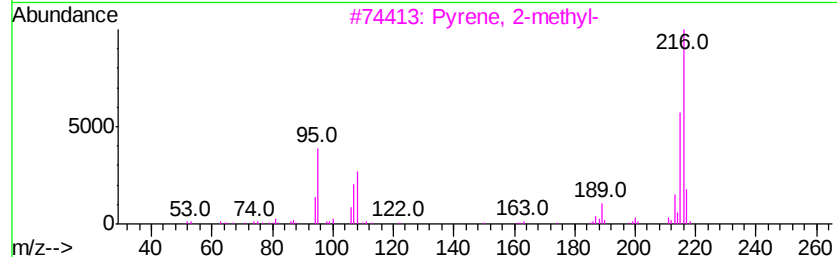
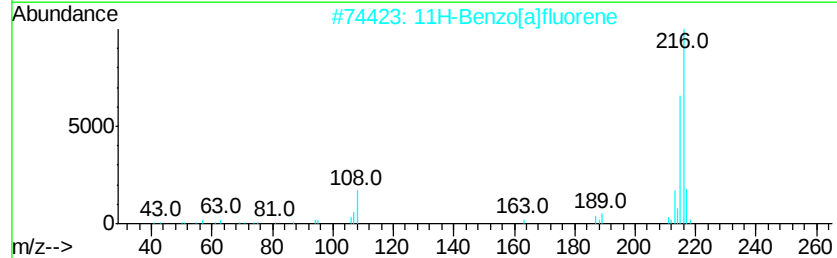
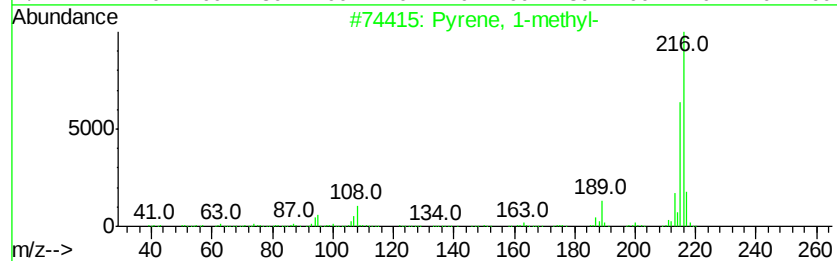
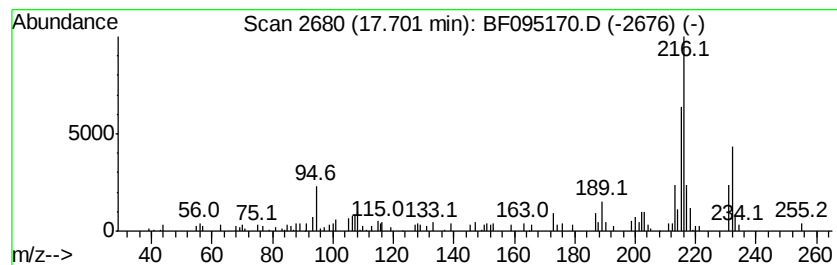
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	3.02 ng	132555	Chrysene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	52
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5		1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
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Sample : I3167-01
Misc :
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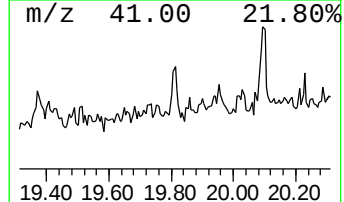
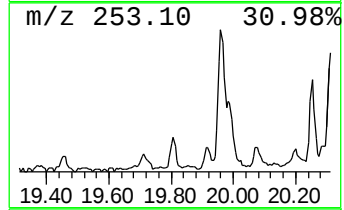
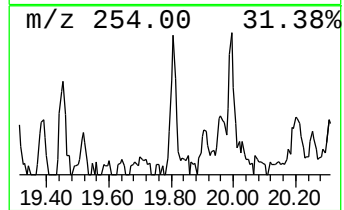
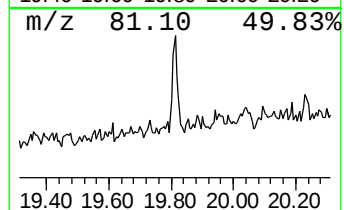
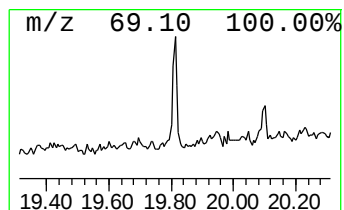
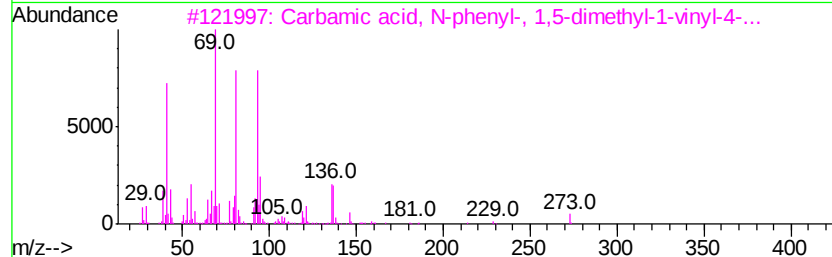
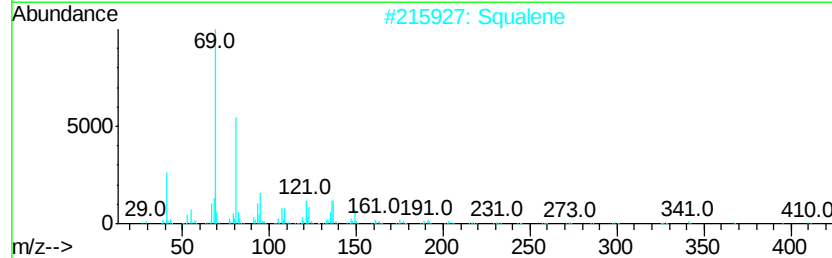
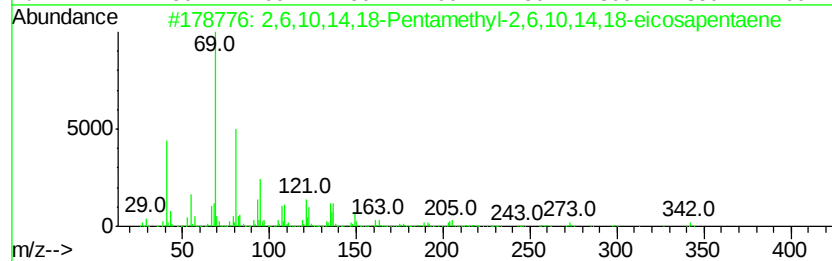
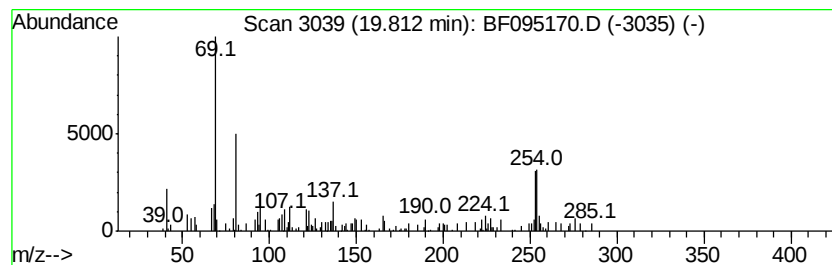
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown19.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.88 ng	80380	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	49		
2	Squalene	410	C30H50	000111-02-4	49		
3	Carbamic acid, N-phenyl-, 1,5-di...	273	C17H23N02	118723-77-6	47		
4	.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	47		
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	46		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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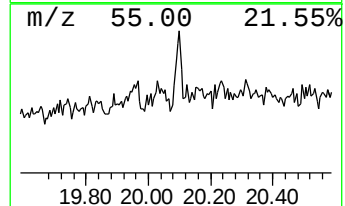
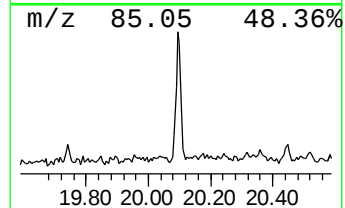
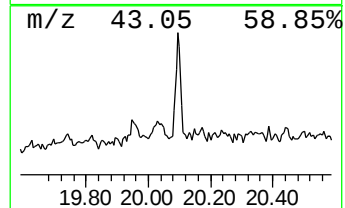
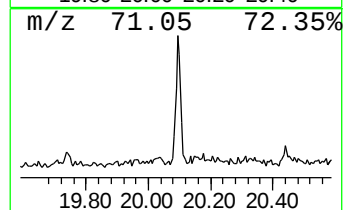
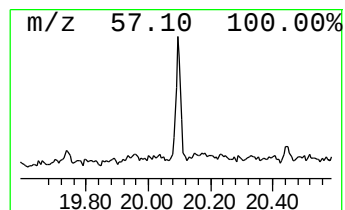
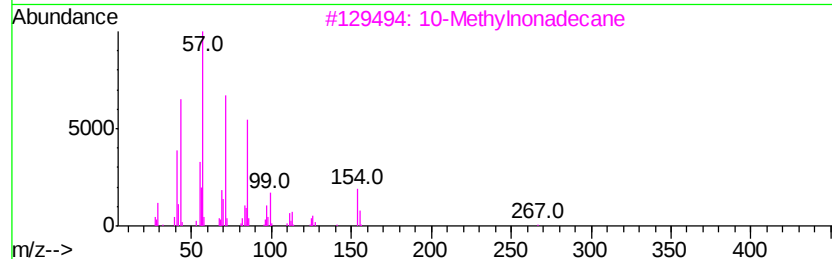
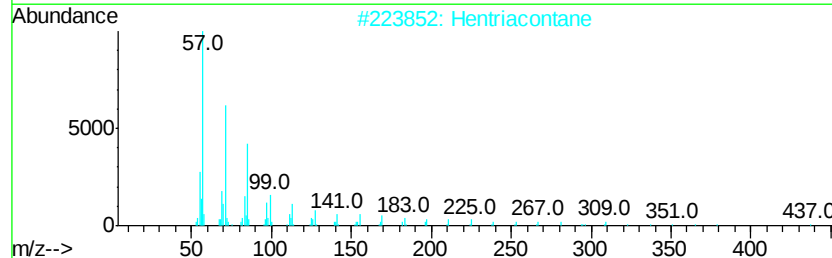
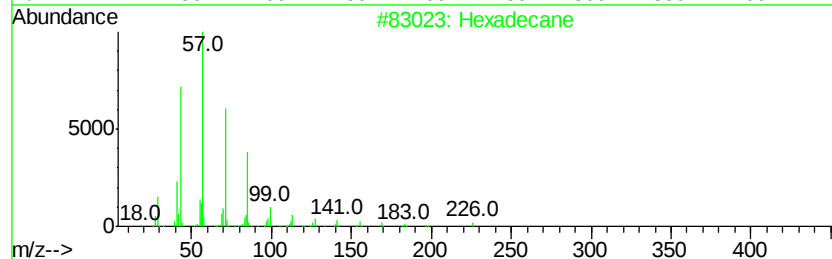
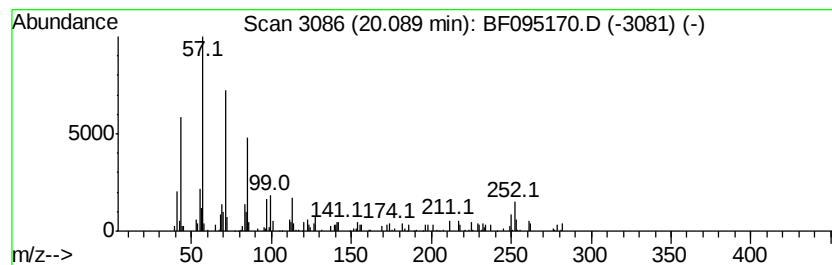
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	5.28 ng	147016	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hentriacontane	437	C31H64	000630-04-6	86
3			10-Methylnonadecane	282	C20H42	056862-62-5	86
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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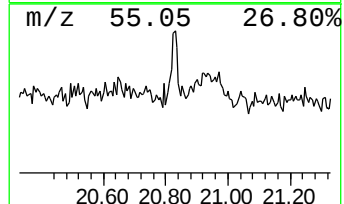
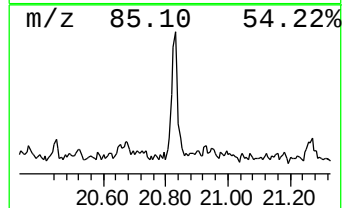
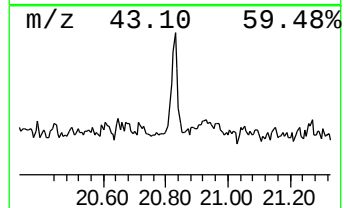
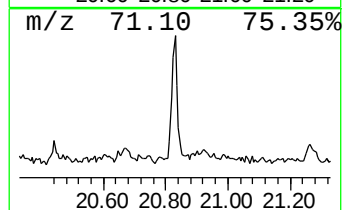
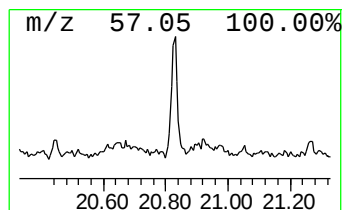
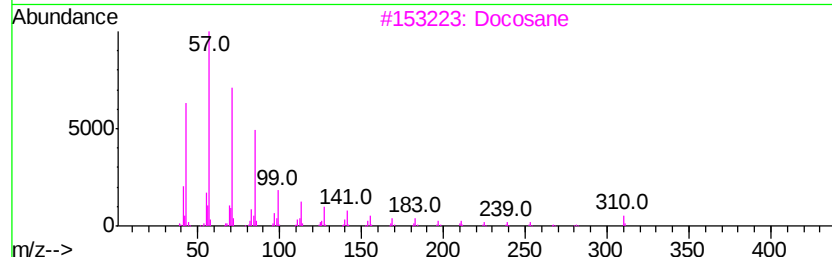
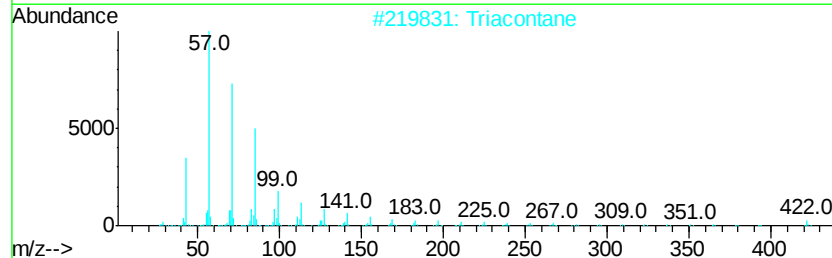
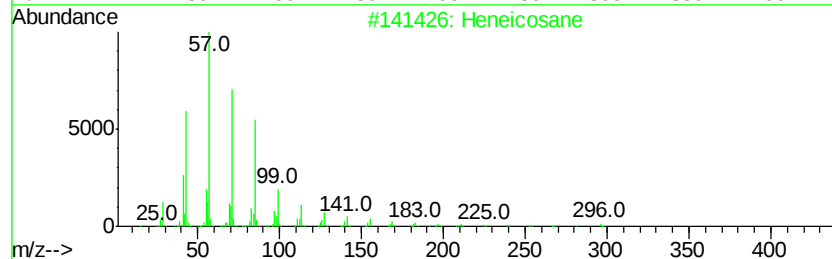
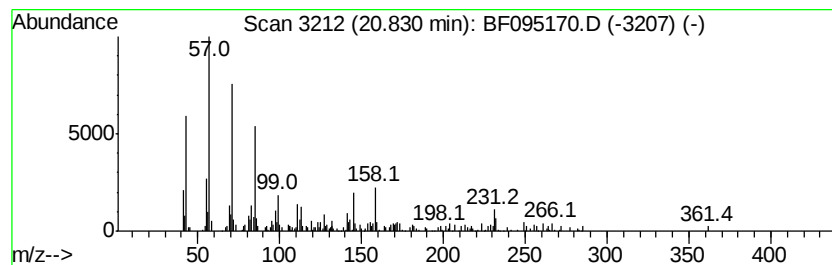
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.77 ng	188685	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	60
2		Triacontane	422	C30H62	000638-68-6	60
3		Docosane	310	C22H46	000629-97-0	60
4		Octacosane	394	C28H58	000630-02-4	53
5		Octane, 2-methyl-	128	C9H20	003221-61-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEADOW-SOIL

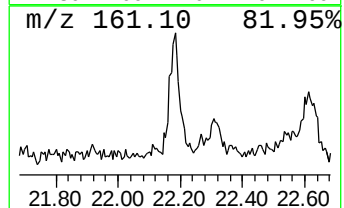
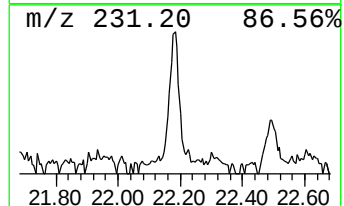
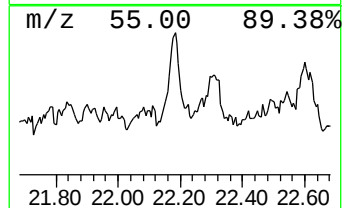
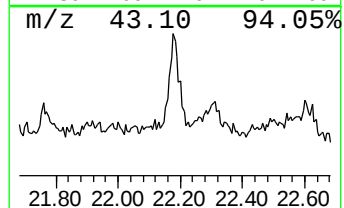
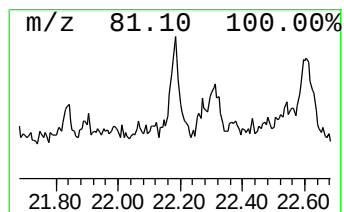
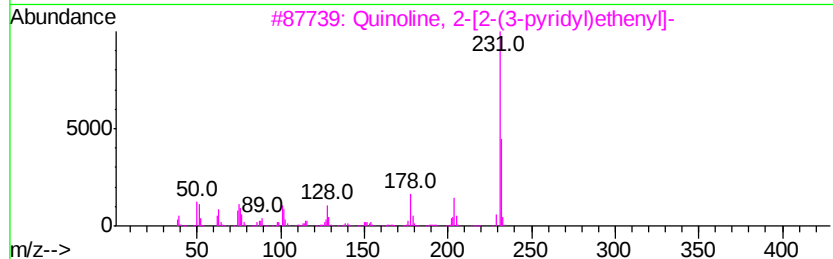
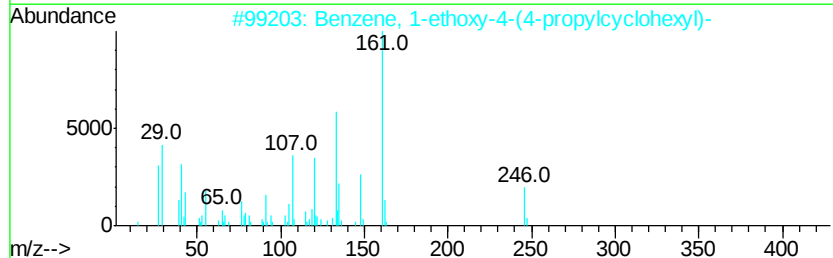
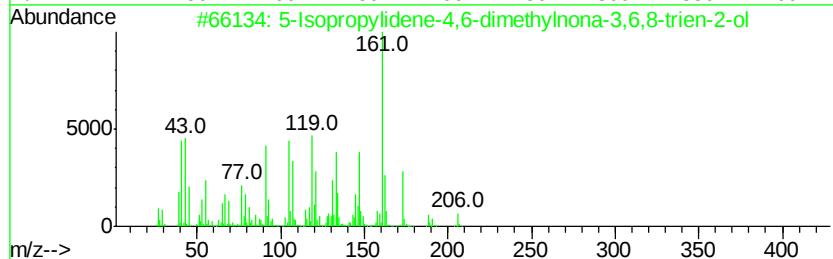
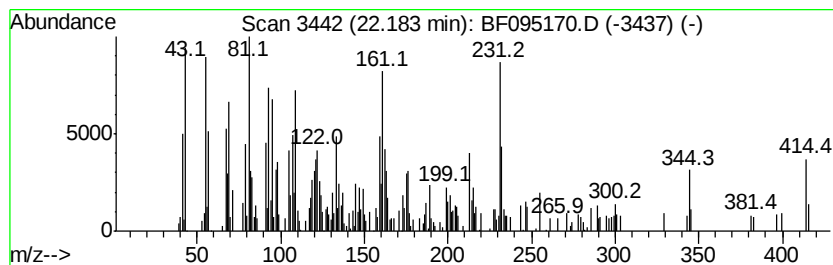
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown22.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	13.57 ng	378082	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Isopropylidene-4,6-dimethylnon...	206	C14H22O	1000195-14-9	46
2		Benzene, 1-ethoxy-4-(4-propylcyc...	246	C17H26O	080944-44-1	20
3		Quinoline, 2-[2-(3-pyridyl)ethen...	232	C16H12N2	001586-51-2	18
4		1(2H)-Naphthalenone, 3,4-dihydro...	161	C10H11NO	003349-64-2	18
5		Bicyclo[2.2.1]heptane, 2,2'-thio...	290	C14H20Cl2S	1000362-24-6	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
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Sample : I3167-01
Misc :
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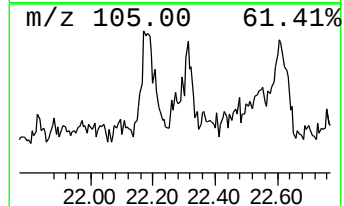
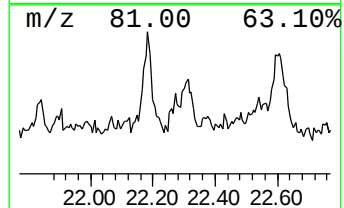
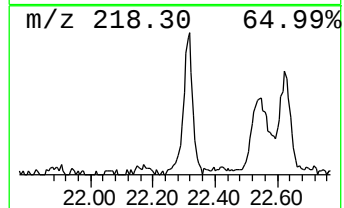
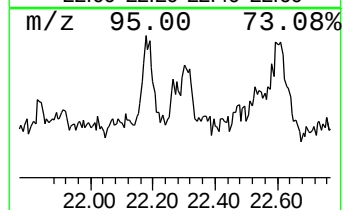
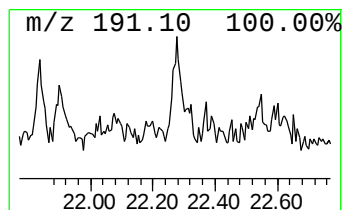
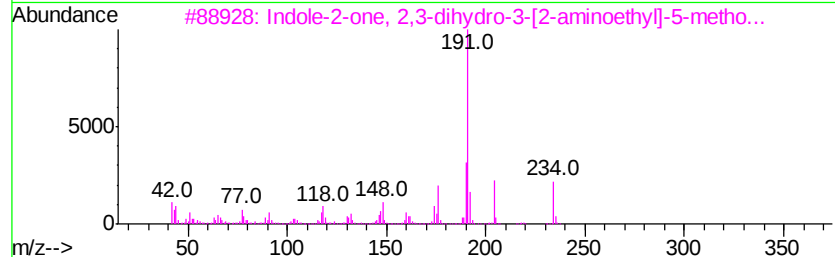
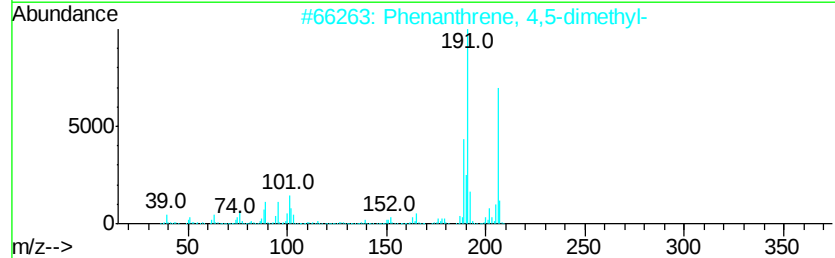
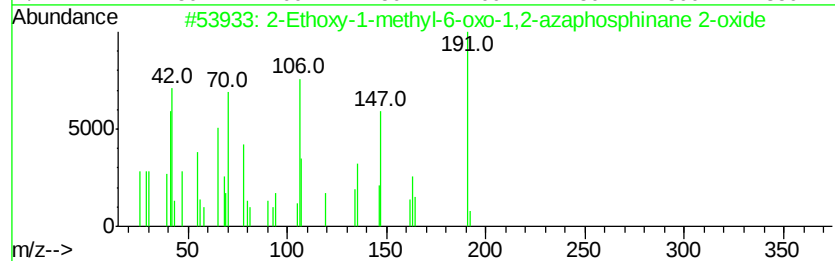
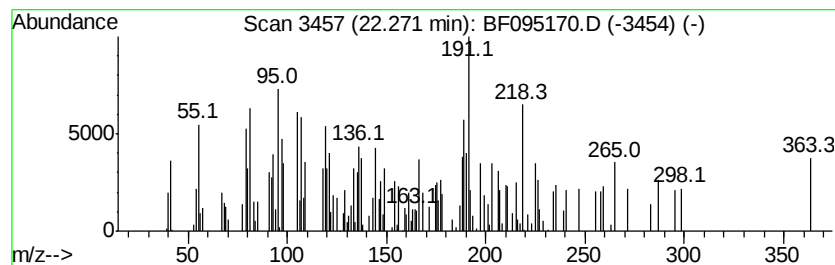
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown22.27 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.94 ng	81889	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14N03P	093989-00-5	25
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	18
3			Indole-2-one, 2,3-dihydro-3-[2-a...	234	C13H18N2O2	040701-66-4	18
4			9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	14
5			2-Thiazolemethanol, .alpha.-phenyl-	191	C10H9NOS	000879-52-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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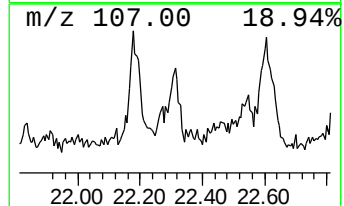
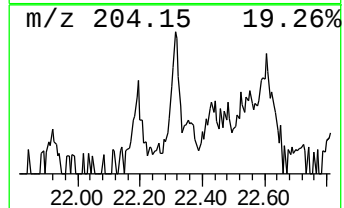
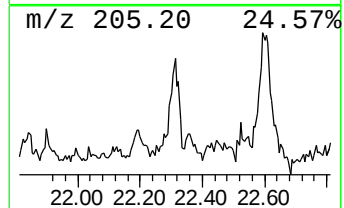
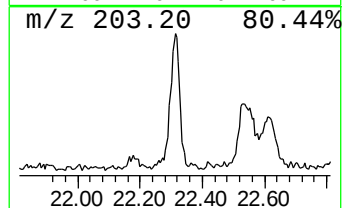
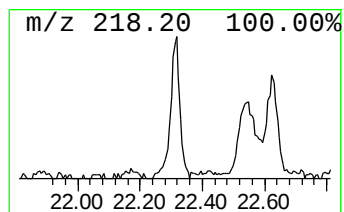
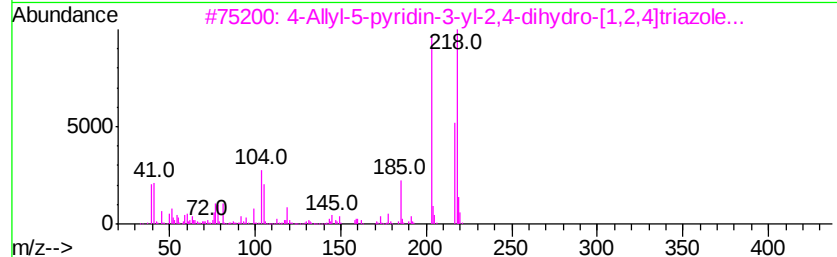
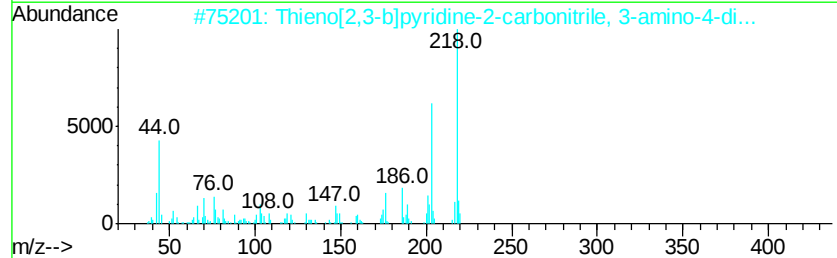
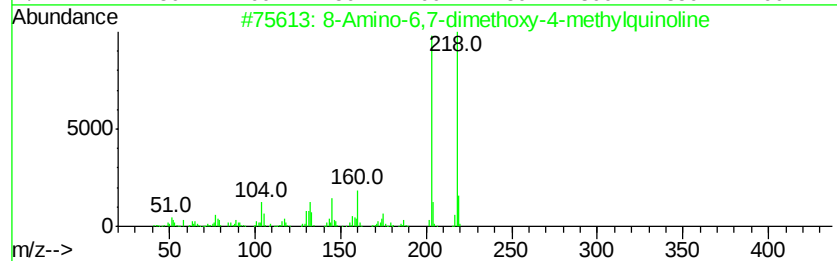
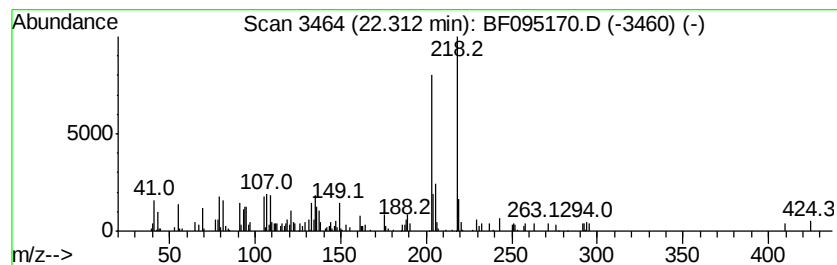
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 8-Amino-6,7-dimethoxy-4-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	6.76 ng	188328	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
2			Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	53
3			4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	53
4			2H-Cyclopropafalnaphthalen-2-one...	218	C15H22O	006831-17-0	53
5			N'-(9-Anthrylmethylene)-2-(4-pen...	424	C28H28N2O2	349572-24-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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Operator : SJ/MA
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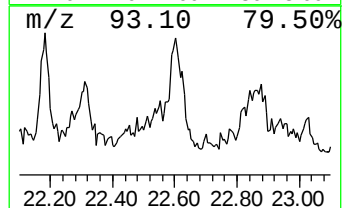
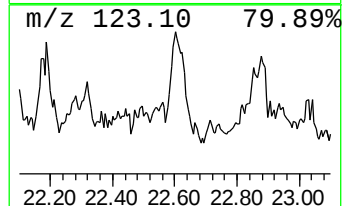
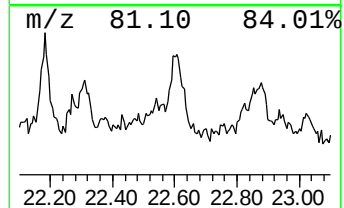
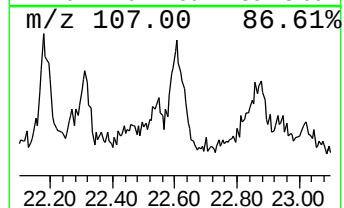
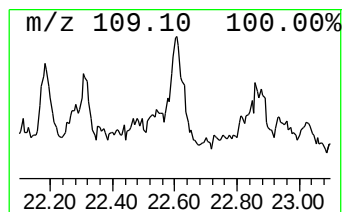
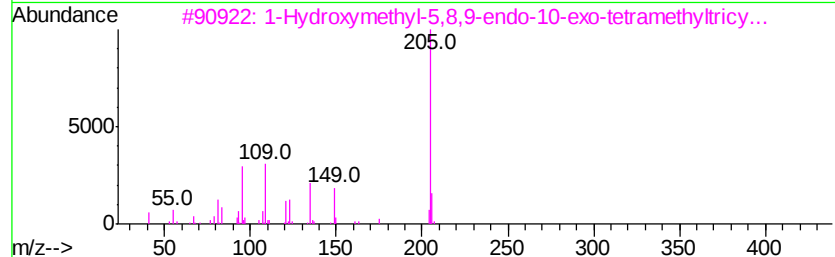
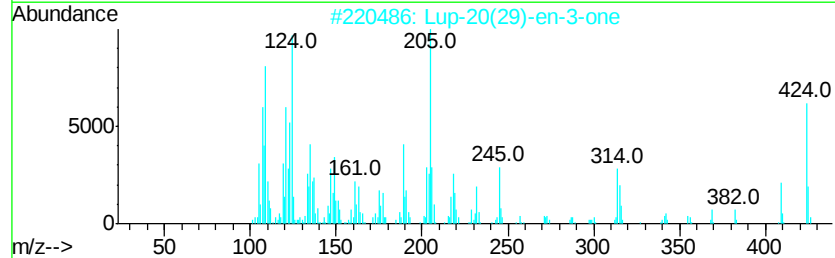
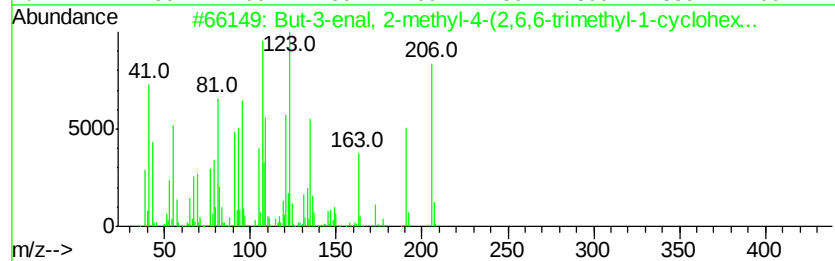
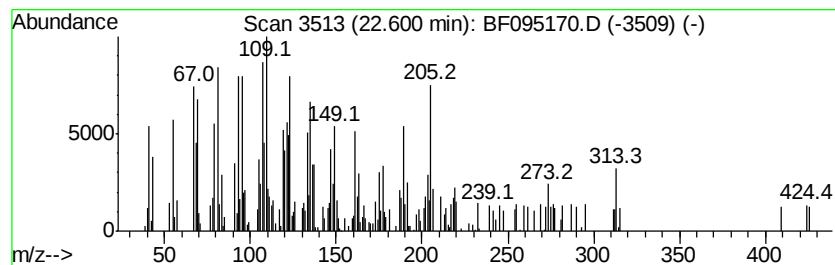
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 But-3-enal, 2-methyl-4-(2,6... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.60	16.40 ng	457009	Perylene-d12	20.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	60
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	49
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	43
4		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	43
5		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
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ClientSampleId :
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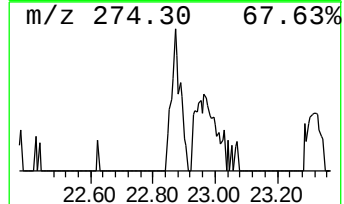
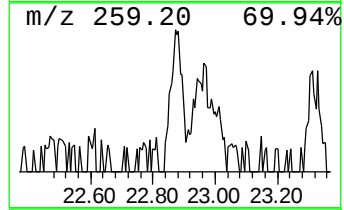
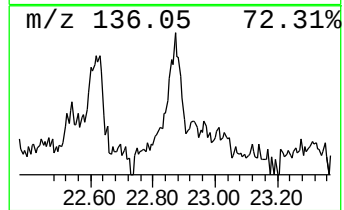
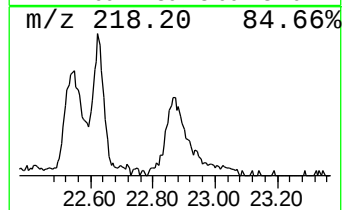
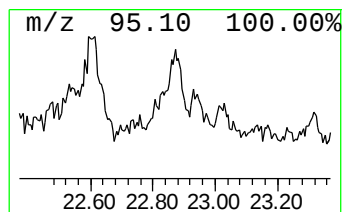
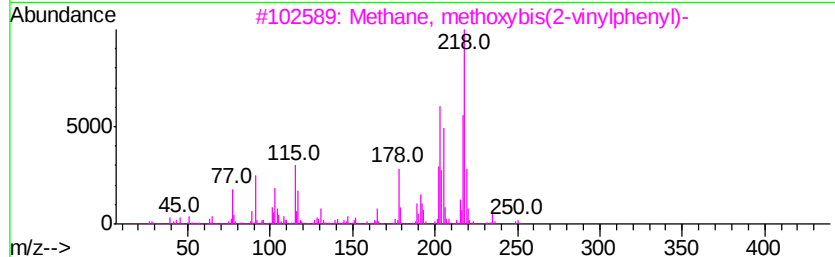
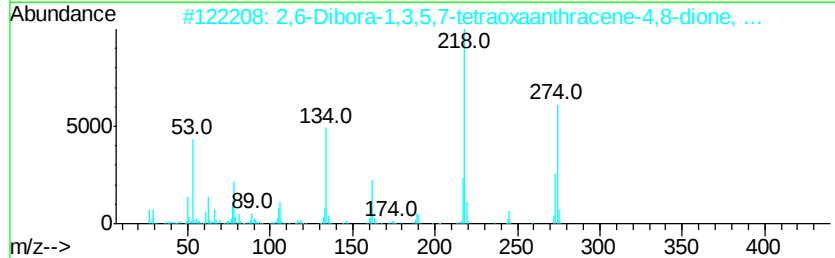
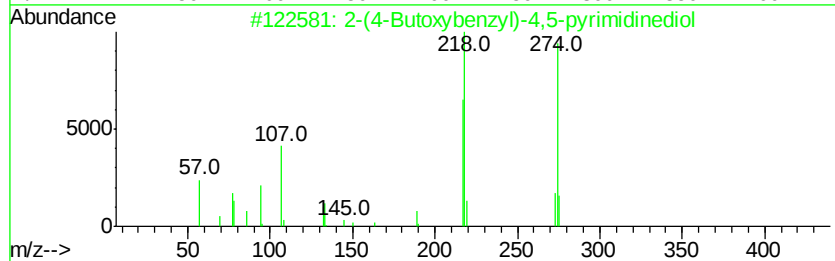
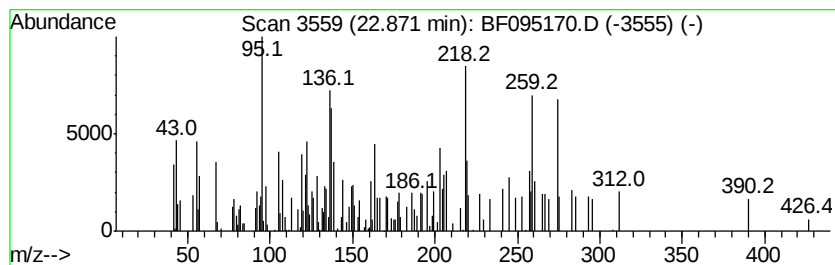
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown22.87 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	6.65 ng	185267	Perylene-d12	20.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(4-Butoxybenzyl)-4,5-pyrimidin...	274	C15H18N2O3	1000327-11-0	35
2			2,6-Dibora-1,3,5,7-tetraoxanthr...	274	C12H12B2O6	1000159-66-0	14
3			Methane, methoxybis(2-vinylphenyl)-	250	C18H18O	1000210-69-5	14
4			Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	11
5			Benzo[b]thiophene, octahydro-2-p...	218	C14H18S	096333-94-7	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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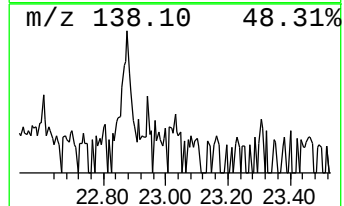
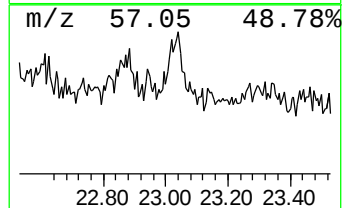
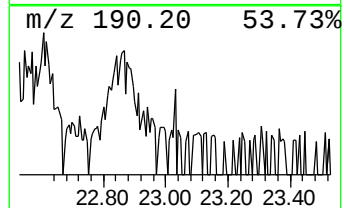
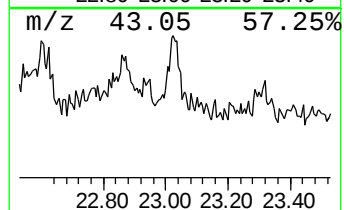
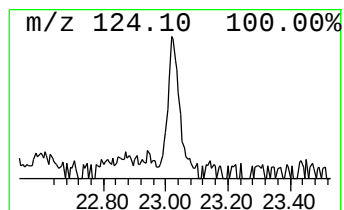
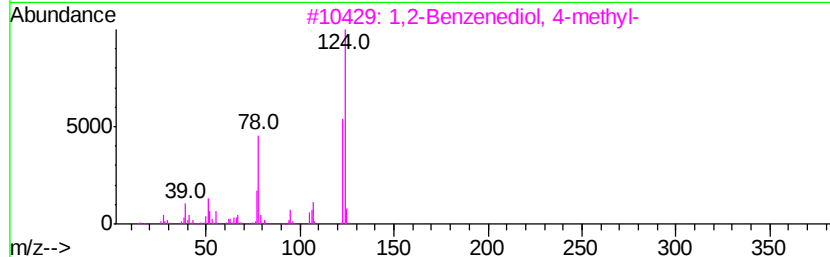
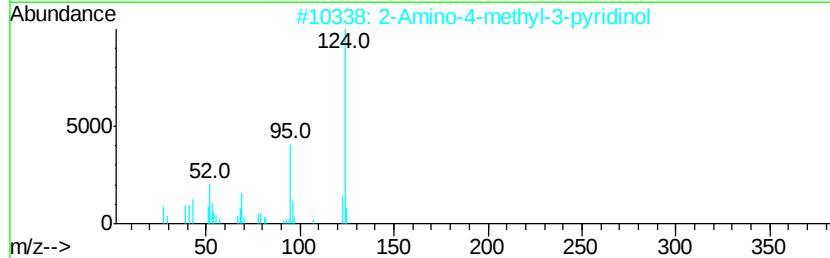
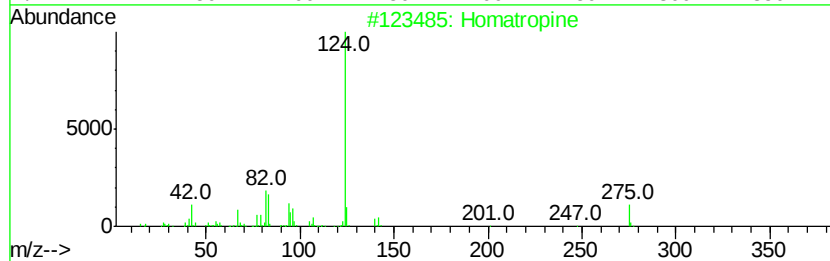
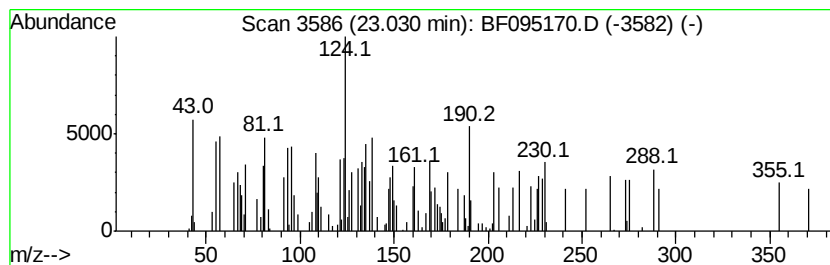
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown23.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	4.94 ng	137737	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Homatropine	275	C16H21NO3	000087-00-3	22
2		2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	18
3		1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	14
4		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	14
5		Ethanone, 1-(3-cyclohexen-1-yl)-	124	C8H12O	007353-76-6	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
MEADOW-SOIL

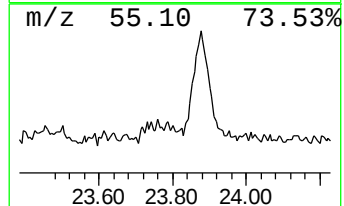
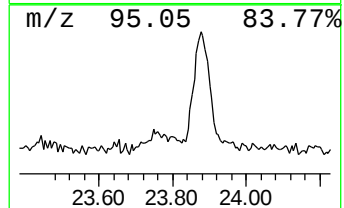
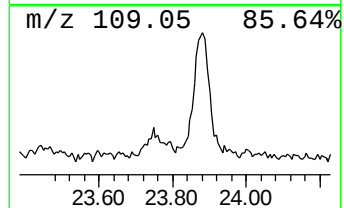
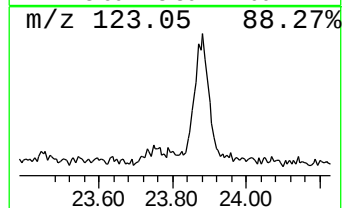
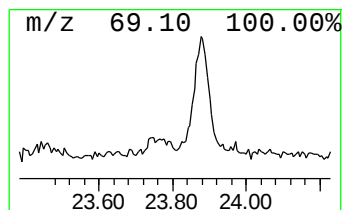
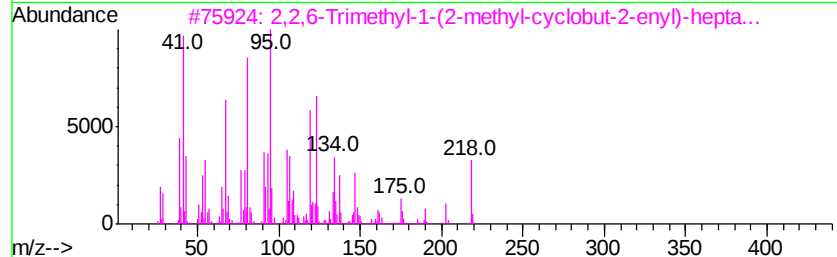
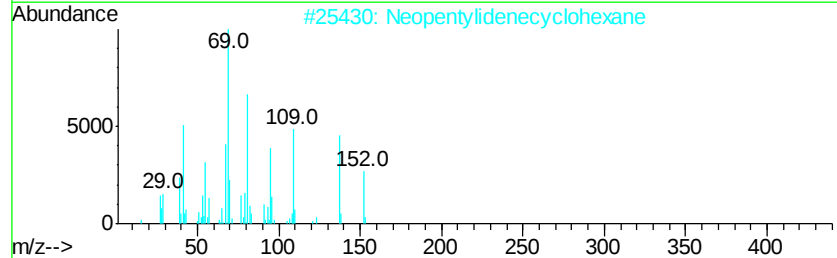
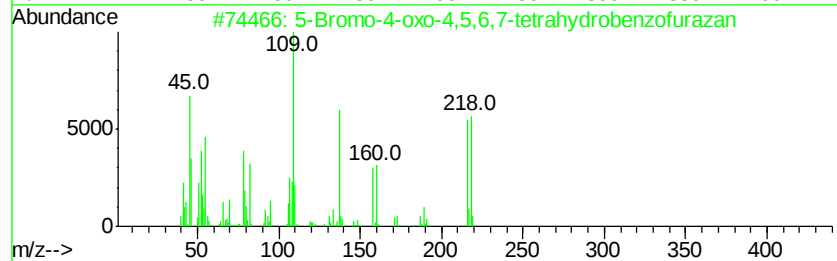
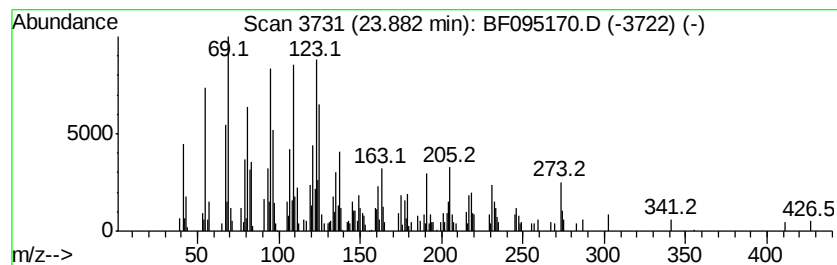
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	20.05 ng	558791	Perylene-d12	20.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		Neopentylidenecyclohexane	152	C11H20	039546-80-0	53
3		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	42
4		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	38
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
 Data File : BF095170.D
 Acq On : 16 May 2017 22:39
 Operator : SJ/MA
 Sample : I3167-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEADOW-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.12	11.4	ng	316483	1	7.78	556685	20.0
unknown7.44	7.44	79.5	ng	2212470	1	7.78	556685	20.0
Phenanthrene, 2-m...	15.81	2.3	ng	71525	4	15.02	623630	20.0
Phenanthrene, 4-m...	15.85	3.0	ng	93351	4	15.02	623630	20.0
4H-Cyclopenta[def...	15.95	2.9	ng	88840	4	15.02	623630	20.0
Naphthalene, 2-ph...	16.25	2.5	ng	76749	4	15.02	623630	20.0
Pyrene, 1-methyl-	17.70	3.0	ng	132555	5	18.69	878868	20.0
unknown19.81	19.81	2.9	ng	80380	6	20.37	557283	20.0
Hexadecane	20.09	5.3	ng	147016	6	20.37	557283	20.0
Heneicosane	20.83	6.8	ng	188685	6	20.37	557283	20.0
unknown22.18	22.18	13.6	ng	378082	6	20.37	557283	20.0
unknown22.27	22.27	2.9	ng	81889	6	20.37	557283	20.0
8-Amino-6,7-dimet...	22.31	6.8	ng	188328	6	20.37	557283	20.0
But-3-enal, 2-met...	22.60	16.4	ng	457009	6	20.37	557283	20.0
unknown22.87	22.87	6.7	ng	185267	6	20.37	557283	20.0
unknown23.03	23.03	4.9	ng	137737	6	20.37	557283	20.0
5-Bromo-4-oxo-4,5...	23.88	20.1	ng	558791	6	20.37	557283	20.0