

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095688.D
 Acq On : 5 Jun 2017 23:13
 Operator : SJ/MA
 Sample : I3405-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-SB-6D12

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-BF060517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.602	8	11	55	rVB	1215763	2675356	100.00%	10.544%
2	4.601	518	521	540	rBV2	70700	176961	6.61%	0.697%
3	5.290	635	638	665	rBV	899906	1698681	63.49%	6.695%
4	6.948	916	920	933	rBV	1125835	1767322	66.06%	6.966%
5	7.048	933	937	948	rVB	1379588	1953236	73.01%	7.698%
6	7.395	992	996	1009	rBV	377046	483014	18.05%	1.904%
7	7.631	1032	1036	1055	rBV	960209	1259491	47.08%	4.964%
8	8.307	1147	1151	1171	rBV	731842	1018013	38.05%	4.012%
9	9.031	1269	1274	1281	rBB	28816	32163	1.20%	0.127%
10	9.425	1337	1341	1355	rBV	636228	843184	31.52%	3.323%
11	10.595	1534	1540	1552	rBV	22064	35338	1.32%	0.139%
12	10.748	1562	1566	1574	rBV	21680	28437	1.06%	0.112%
13	11.207	1638	1644	1655	rVB	1562846	2007473	75.04%	7.912%
14	11.730	1729	1733	1738	rBV2	18025	27309	1.02%	0.108%
15	11.901	1757	1762	1769	rBV	122575	163378	6.11%	0.644%
16	12.248	1816	1821	1826	rBV2	695558	836801	31.28%	3.298%
17	12.295	1826	1829	1835	rVB3	37332	57162	2.14%	0.225%
18	13.107	1963	1967	1970	rBV	30832	33186	1.24%	0.131%
19	13.148	1970	1974	1983	rVB2	26641	39994	1.49%	0.158%
20	13.536	2036	2040	2049	rBV	797347	1044620	39.05%	4.117%
21	13.877	2093	2098	2100	rBV	50567	65937	2.46%	0.260%
22	14.266	2159	2164	2168	rBV5	16852	29861	1.12%	0.118%
23	14.371	2179	2182	2190	rVB2	26904	41823	1.56%	0.165%
24	14.607	2216	2222	2224	rBV	44076	53857	2.01%	0.212%
25	14.642	2224	2228	2231	rVV	647611	787878	29.45%	3.105%
26	14.677	2231	2234	2243	rVB	302193	405531	15.16%	1.598%
27	14.771	2243	2250	2258	rBV	63214	97009	3.63%	0.382%
28	15.289	2334	2338	2346	rVB4	25126	39977	1.49%	0.158%
29	15.442	2361	2364	2368	rBV	61040	71132	2.66%	0.280%
30	15.489	2368	2372	2377	rVV	81174	95236	3.56%	0.375%
31	15.560	2381	2384	2387	rVV	33907	33839	1.26%	0.133%
32	15.595	2387	2390	2394	rVV2	77293	108182	4.04%	0.426%
33	15.654	2394	2400	2410	rVB3	109076	197529	7.38%	0.779%
34	15.895	2437	2441	2447	rBV2	50051	66811	2.50%	0.263%

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35	16.254	2497	2502	2506	rBV2	44412	60074	2.25%	0.237%
36	16.295	2506	2509	2513	rVV5	20937	35934	1.34%	0.142%
37	16.371	2518	2522	2530	rVB2	36435	51509	1.93%	0.203%
38	16.454	2530	2536	2542	rBV	482314	580380	21.69%	2.287%
39	16.560	2550	2554	2557	rBV3	28606	32698	1.22%	0.129%
40	16.654	2564	2570	2577	rBV5	19836	50643	1.89%	0.200%
41	16.754	2582	2587	2593	rBV2	491091	578290	21.62%	2.279%
42	16.854	2598	2604	2608	rBV2	29816	56105	2.10%	0.221%
43	16.948	2617	2620	2625	rBV2	49706	63846	2.39%	0.252%
44	17.007	2625	2630	2636	rVB	1085179	1307455	48.87%	5.153%
45	17.089	2640	2644	2647	rVB2	23922	36417	1.36%	0.144%
46	17.201	2655	2663	2665	rBV5	35162	73480	2.75%	0.290%
47	17.224	2665	2667	2673	rVB	45699	57782	2.16%	0.228%
48	17.312	2673	2682	2687	rBV3	31435	51565	1.93%	0.203%
49	17.359	2687	2690	2697	rBV4	59962	111546	4.17%	0.440%
50	17.418	2697	2700	2703	rVV3	23557	30215	1.13%	0.119%
51	17.471	2706	2709	2713	rVV	34521	44582	1.67%	0.176%
52	17.512	2713	2716	2719	rVV	22838	28207	1.05%	0.111%
53	17.912	2781	2784	2788	rVB	44538	52925	1.98%	0.209%
54	18.030	2798	2804	2806	rBV2	34778	51146	1.91%	0.202%
55	18.059	2806	2809	2812	rVV	53537	60091	2.25%	0.237%
56	18.095	2812	2815	2818	rVV	31942	40268	1.51%	0.159%
57	18.130	2818	2821	2825	rVB	37228	43819	1.64%	0.173%
58	18.189	2826	2831	2835	rBV	42266	51072	1.91%	0.201%
59	18.265	2839	2844	2851	rBV8	46432	115298	4.31%	0.454%
60	18.348	2852	2858	2862	rVV2	568822	871293	32.57%	3.434%
61	18.383	2862	2864	2870	rVV2	244643	321670	12.02%	1.268%
62	18.477	2877	2880	2884	rVB2	36619	41942	1.57%	0.165%
63	18.636	2904	2907	2911	rVB2	33464	39380	1.47%	0.155%
64	18.677	2911	2914	2920	rVB4	37469	55604	2.08%	0.219%
65	18.859	2941	2945	2949	rVV	70955	89405	3.34%	0.352%
66	18.901	2949	2952	2956	rVB	37889	38326	1.43%	0.151%
67	18.971	2961	2964	2968	rVV5	29543	38504	1.44%	0.152%
68	19.012	2968	2971	2975	rVV2	19354	38775	1.45%	0.153%
69	19.065	2978	2980	2984	rVB4	26062	34802	1.30%	0.137%
70	19.465	3045	3048	3051	rBV3	27003	28232	1.06%	0.111%
71	19.500	3051	3054	3061	rVB	67988	82417	3.08%	0.325%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	19.618	3070	3074	3077	rBV	287900	394779	14.76%	1.556%
73	19.730	3090	3093	3096	rBV	43597	47655	1.78%	0.188%
74	19.906	3119	3123	3127	rBV	182748	197980	7.40%	0.780%
75	19.965	3130	3133	3137	rVB	219428	234741	8.77%	0.925%
76	20.018	3138	3142	3145	rBV	395565	450258	16.83%	1.775%
77	21.200	3338	3343	3351	rVB	125891	227026	8.49%	0.895%
78	21.330	3362	3365	3370	rBV	20905	38925	1.45%	0.153%
79	21.536	3396	3400	3406	rVB	87408	159320	5.96%	0.628%

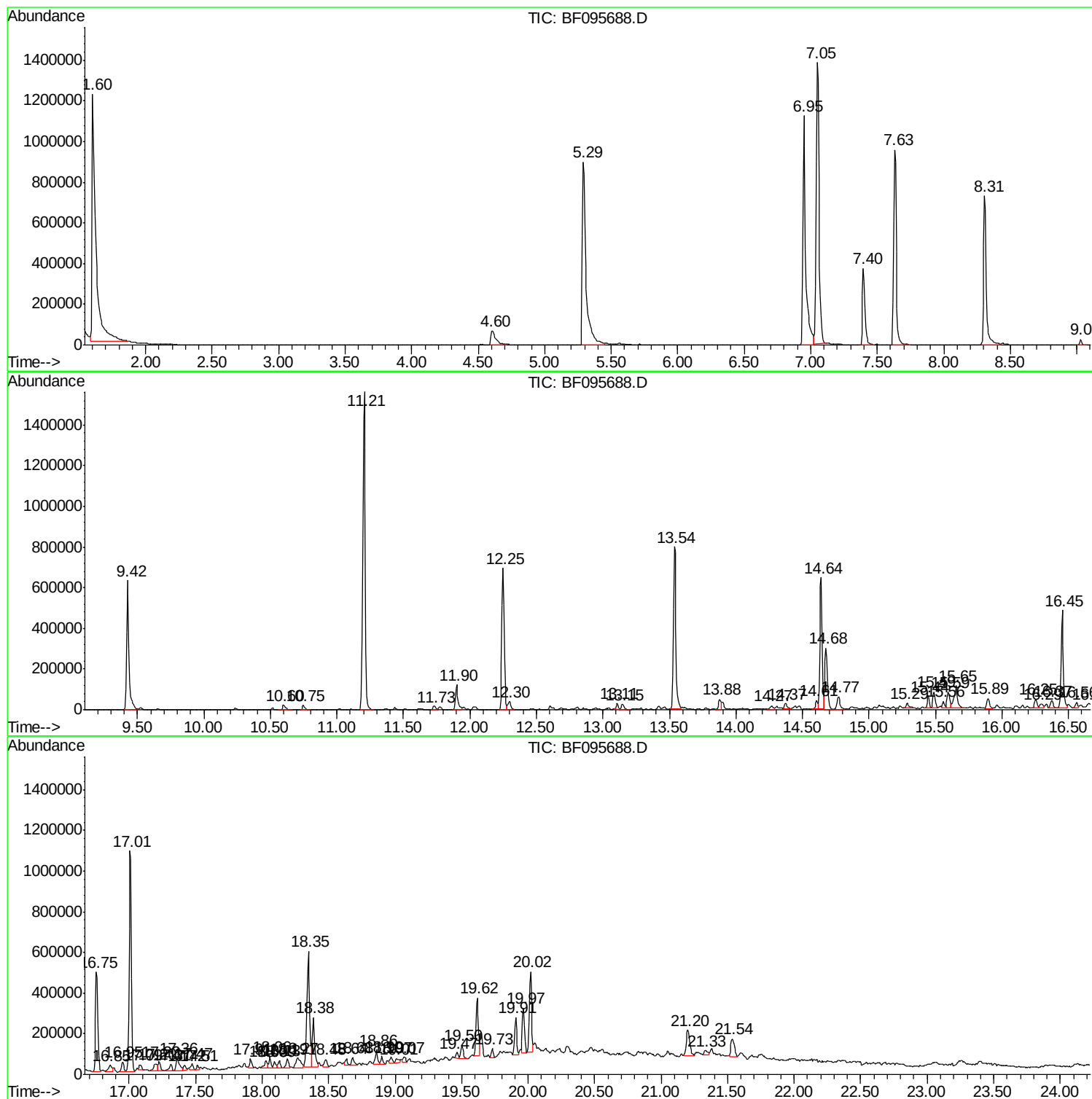
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Instrument :
BNA_F
ClientSampled :
R1-SB-6D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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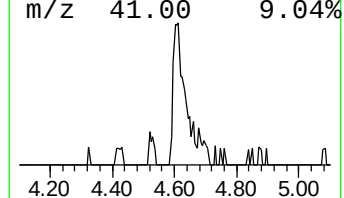
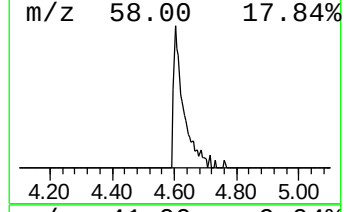
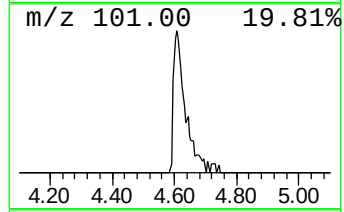
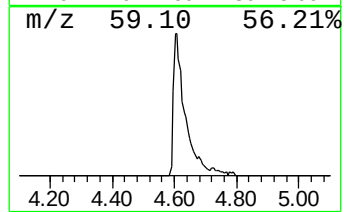
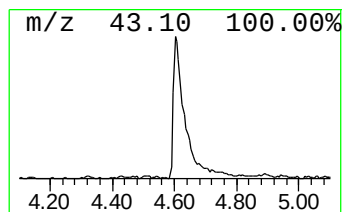
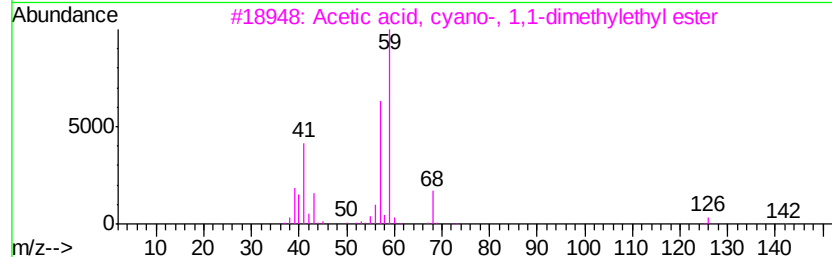
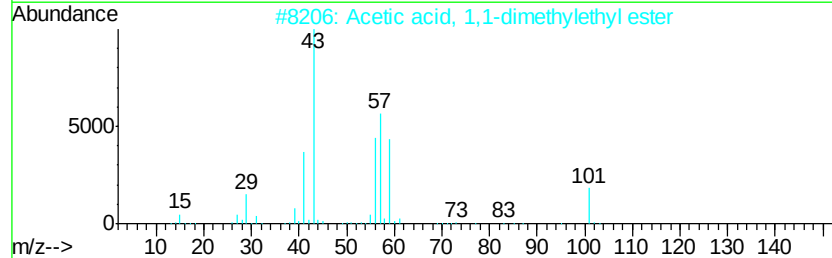
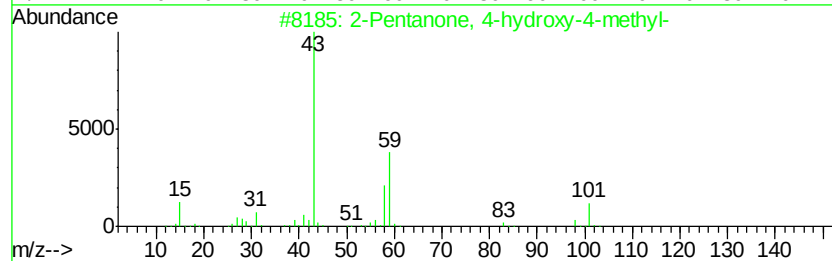
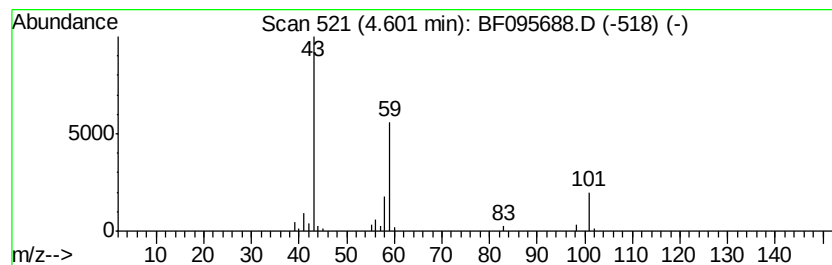
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	7.33 ng	176961	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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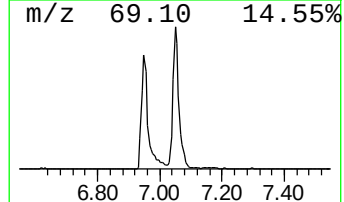
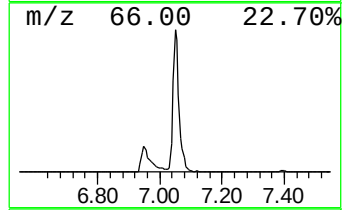
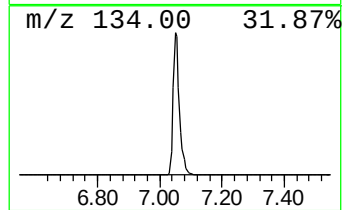
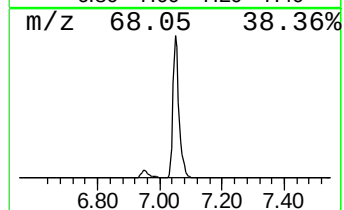
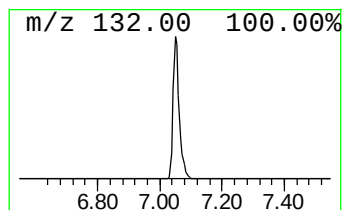
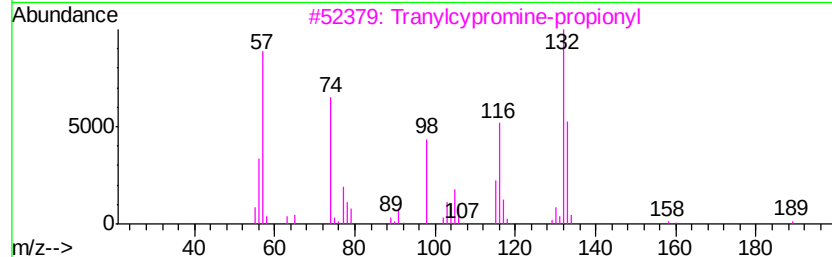
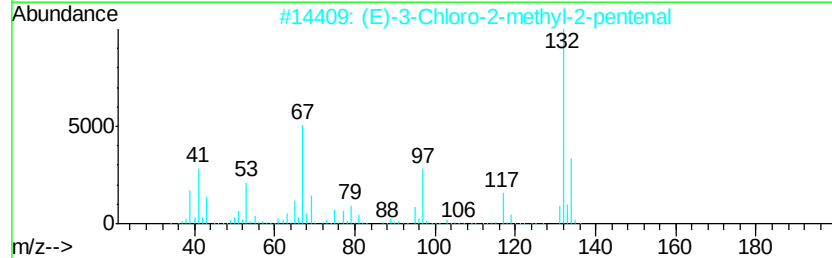
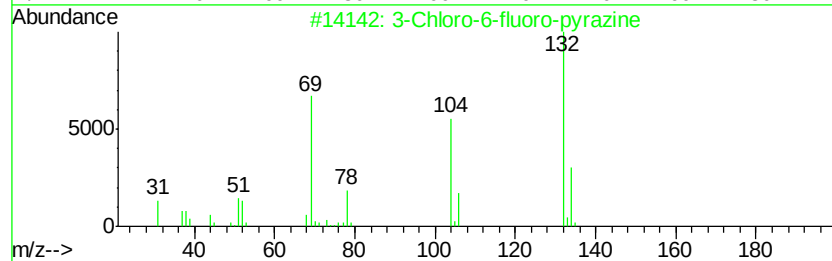
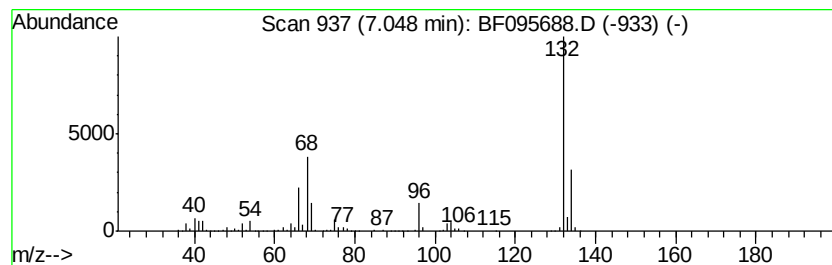
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	80.88 ng	1953240	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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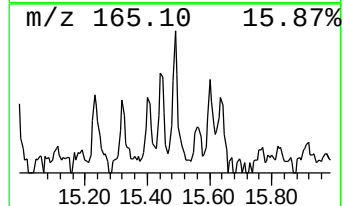
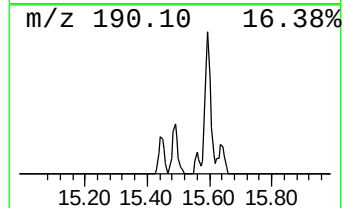
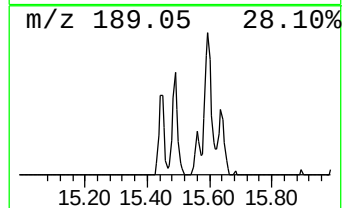
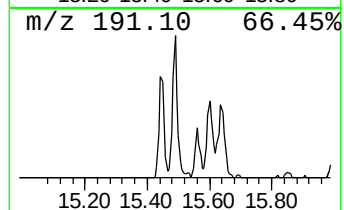
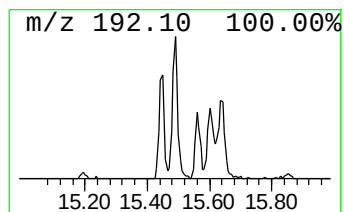
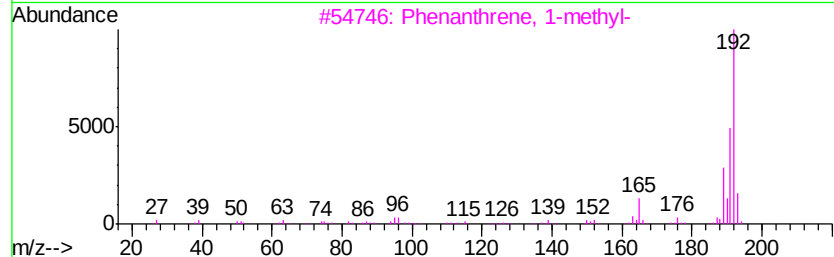
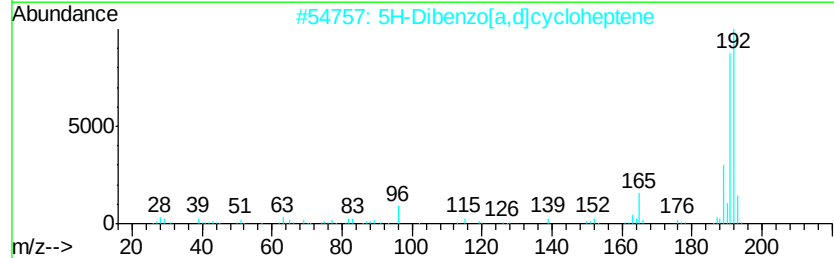
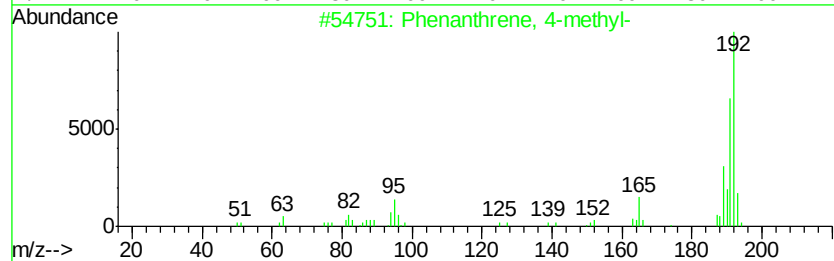
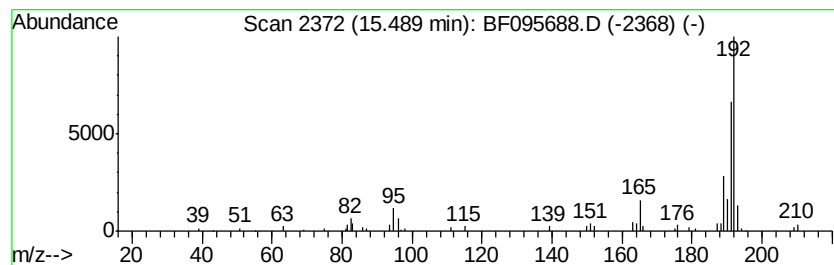
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.49	2.42 ng	95236	Phenanthrene-d10		14.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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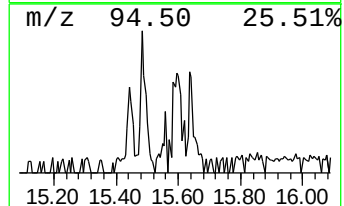
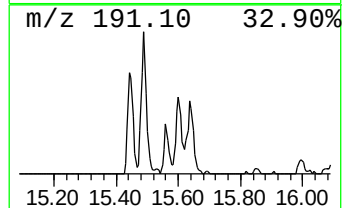
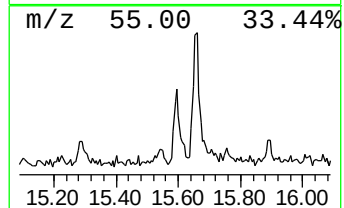
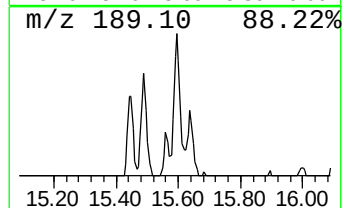
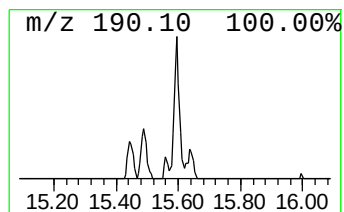
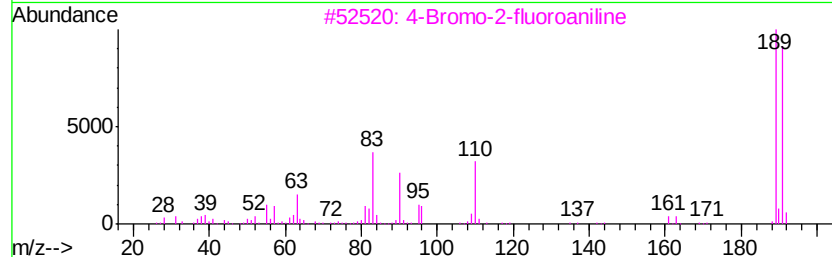
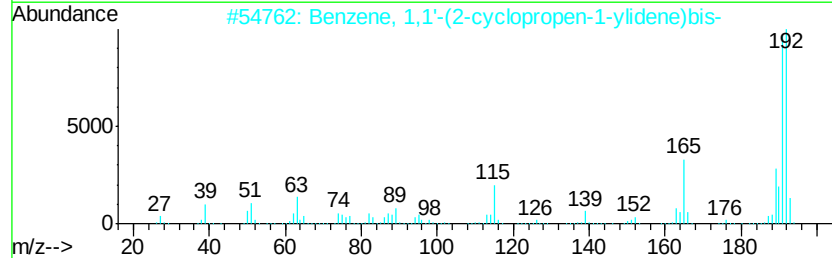
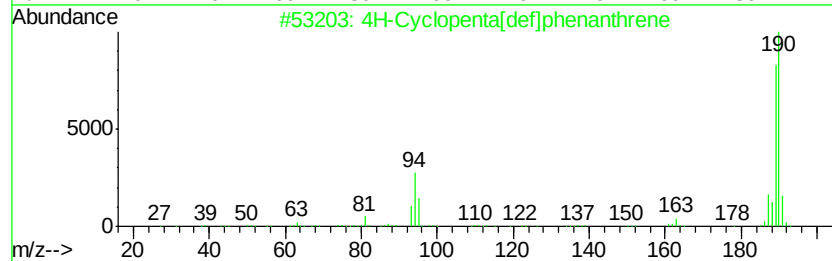
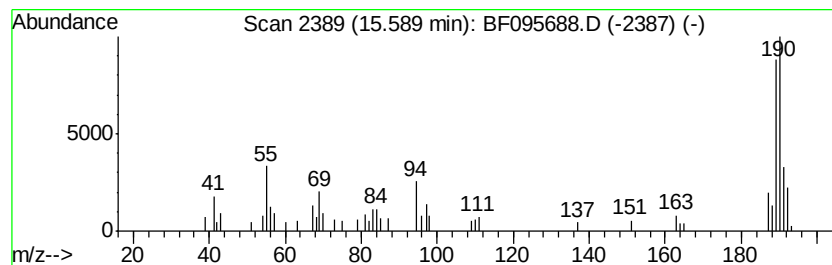
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.75 ng	108182	Phenanthrene-d10	14.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	30
3		4-Bromo-2-fluoroaniline	189	C6H5BrFN	000367-24-8	27
4		Benzoic acid, 3-(pyrrolidin-1-yl)-	191	C11H13N02	1000304-91-1	27
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095688.D
Acq On : 5 Jun 2017 23:13
Operator : SJ/MA
Sample : I3405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

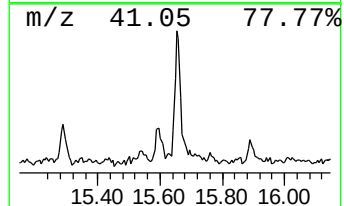
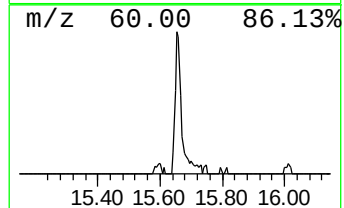
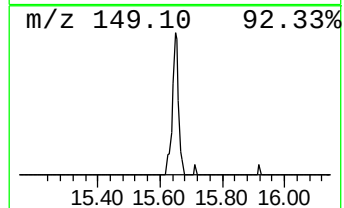
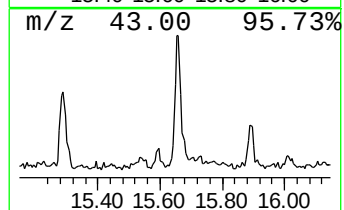
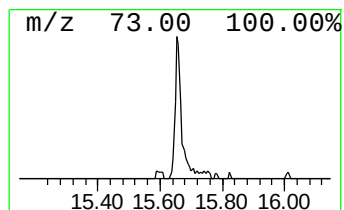
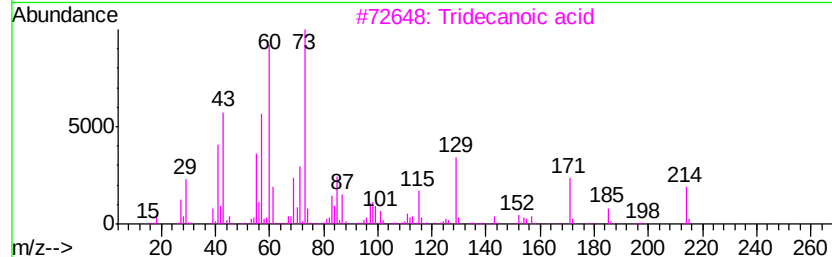
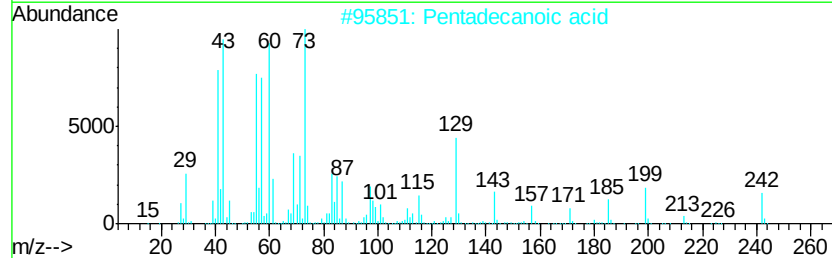
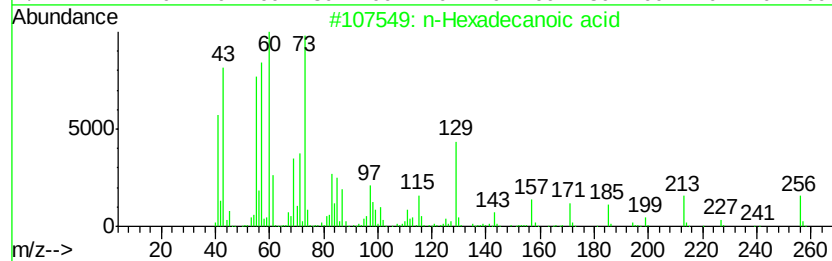
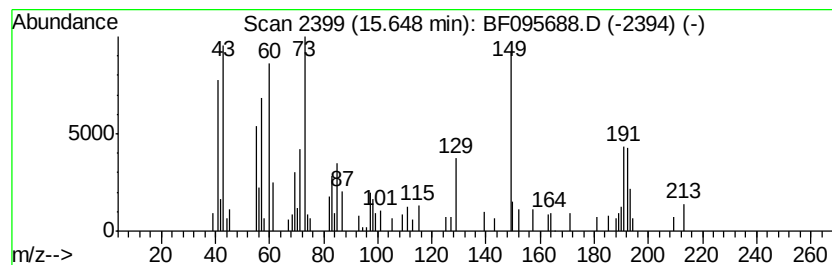
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.65	5.01 ng	197529	Phenanthrene-d10	14.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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Sample : I3405-06
Misc :
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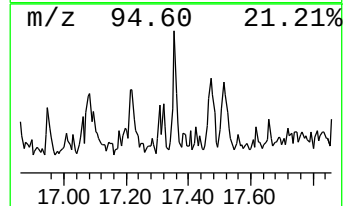
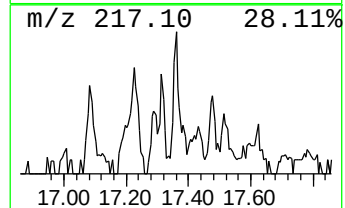
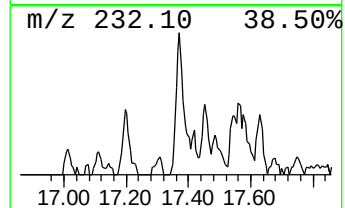
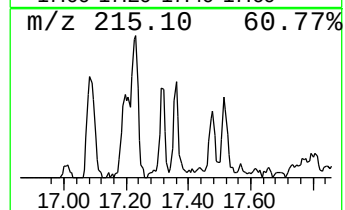
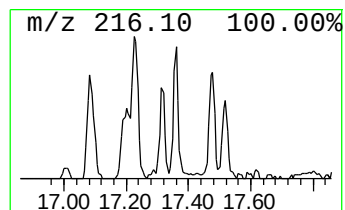
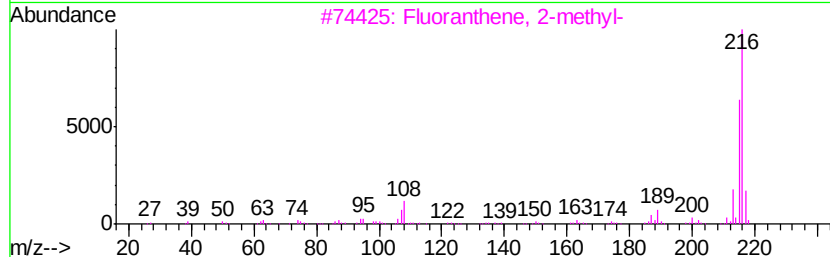
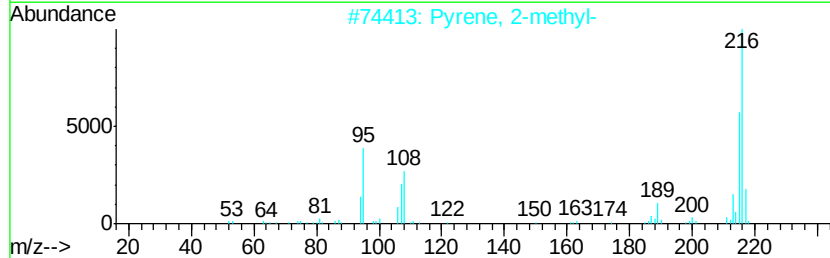
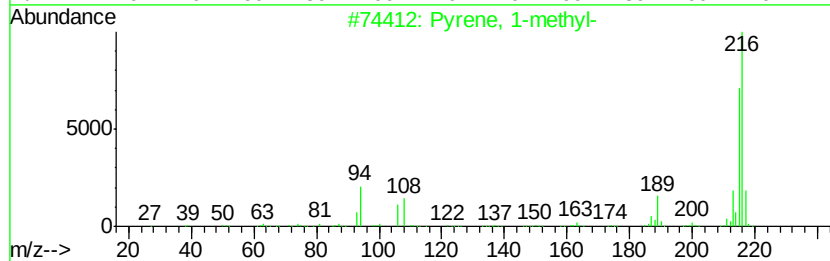
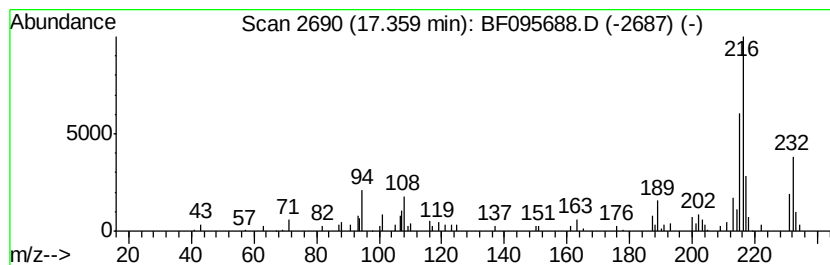
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.36	2.56 ng	111546	Chrysene-d12	18.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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Acq On : 5 Jun 2017 23:13
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ClientSampleId :
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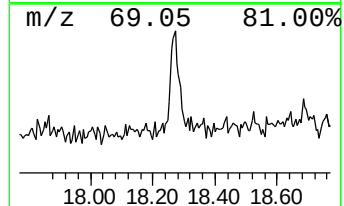
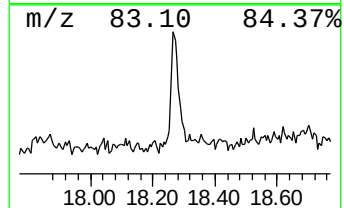
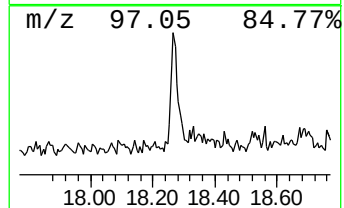
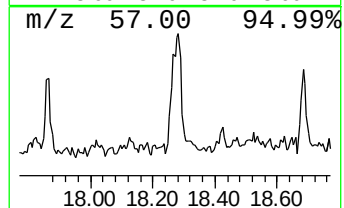
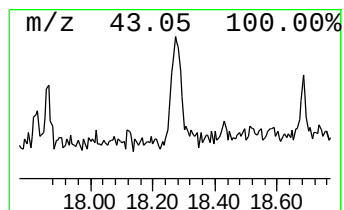
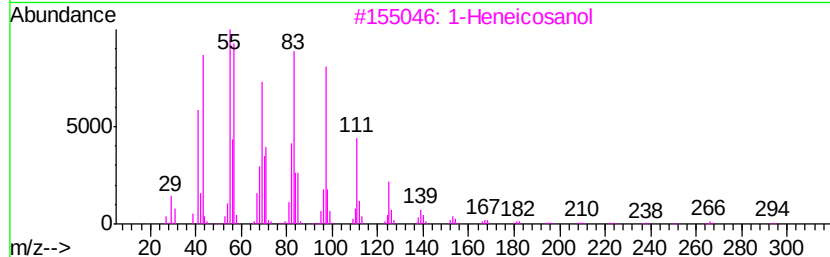
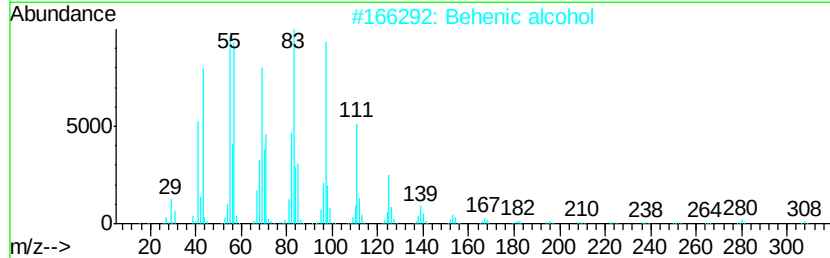
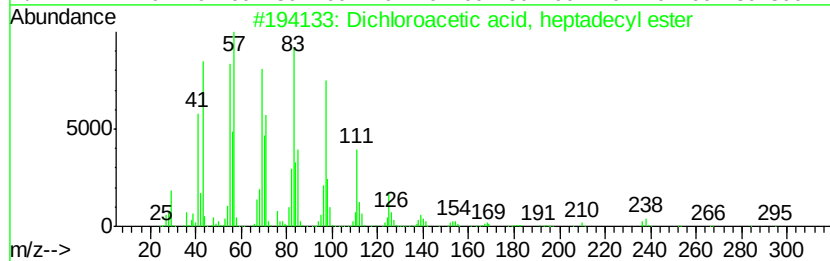
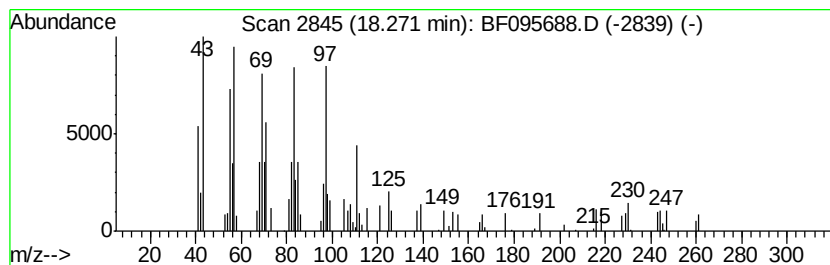
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.65 ng	115298	Chrysene-d12	18.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
2		Behenic alcohol	326	C22H46O	000661-19-8	87
3		1-Heneicosanol	312	C21H44O	015594-90-8	87
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095688.D
Acq On : 5 Jun 2017 23:13
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Sample : I3405-06
Misc :
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ClientSampleId :
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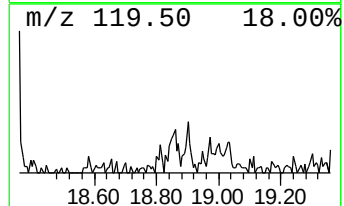
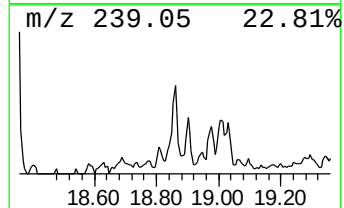
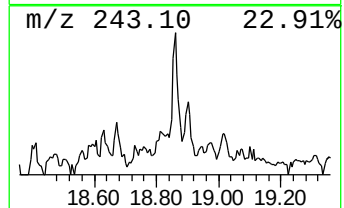
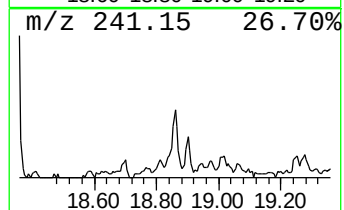
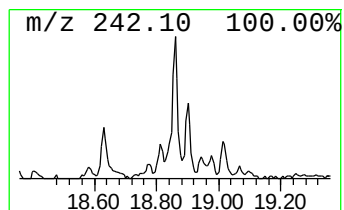
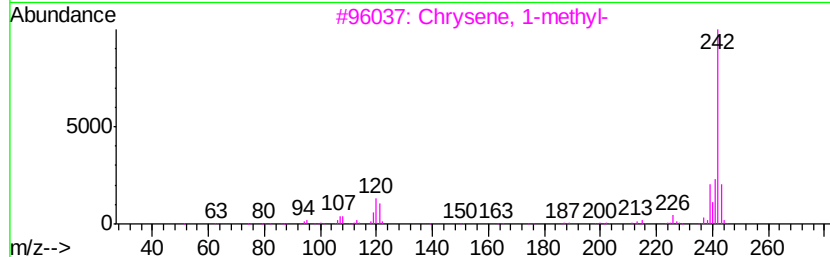
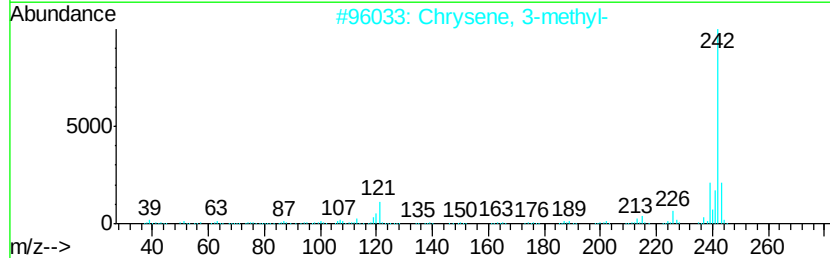
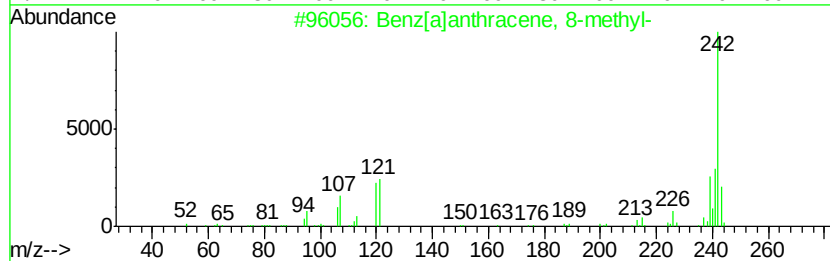
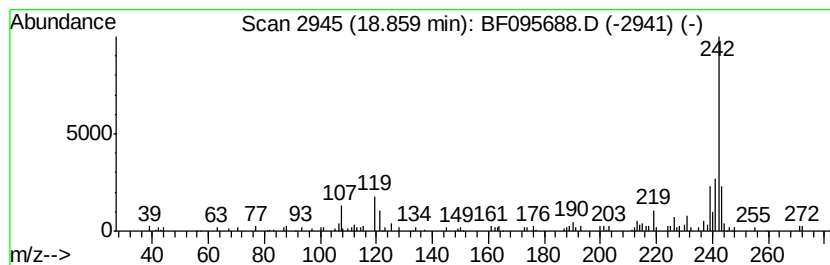
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz[a]anthracene, 8-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.05 ng	89405	Chrysene-d12	18.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2			Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
4			Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	81
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095688.D
Acq On : 5 Jun 2017 23:13
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Sample : I3405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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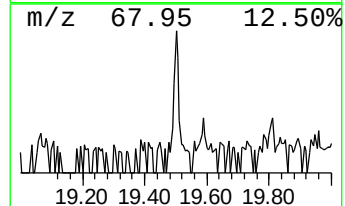
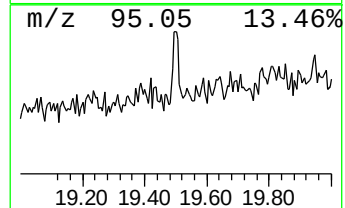
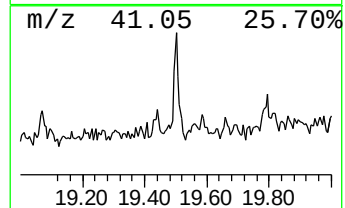
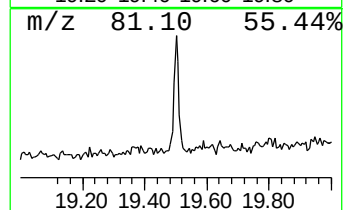
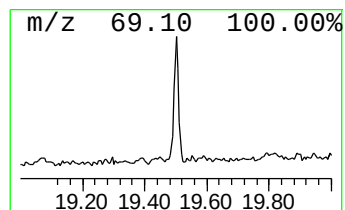
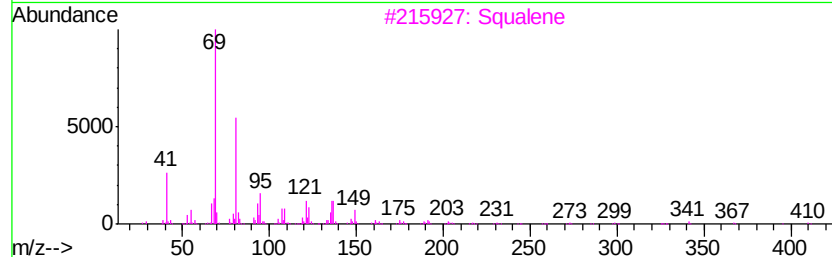
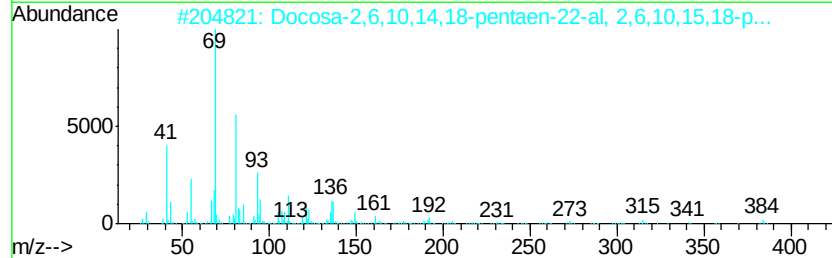
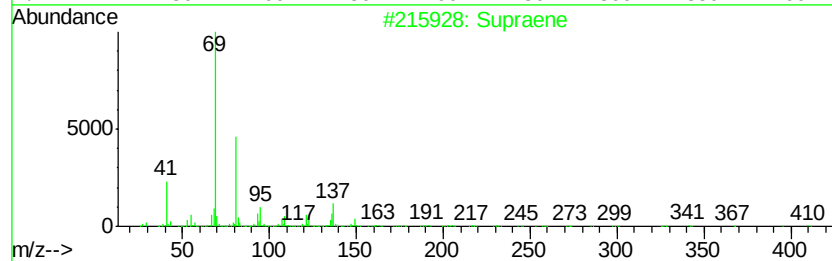
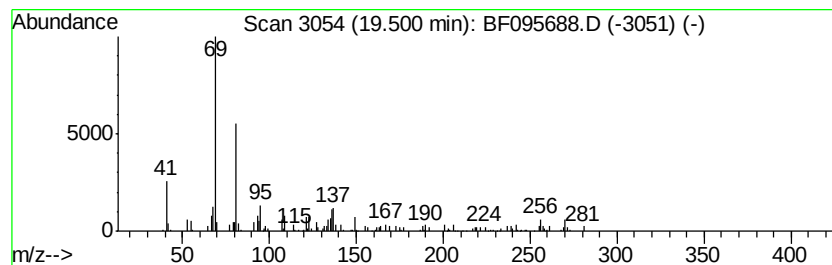
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.66 ng	82417	Perylene-d12	20.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	74
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	74
3			Squalene	410	C30H50	000111-02-4	72
4			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	70
5			4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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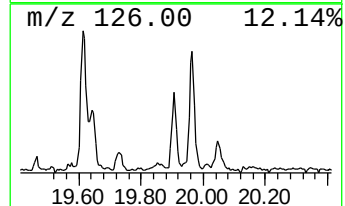
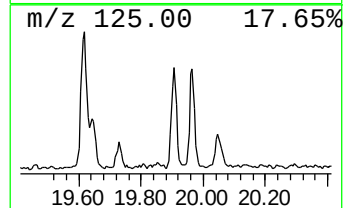
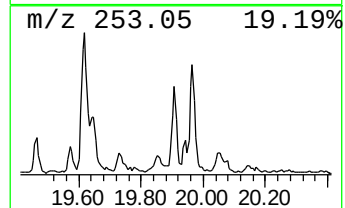
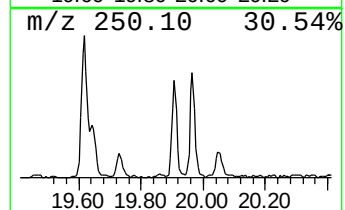
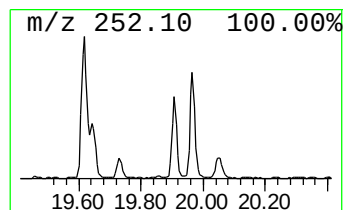
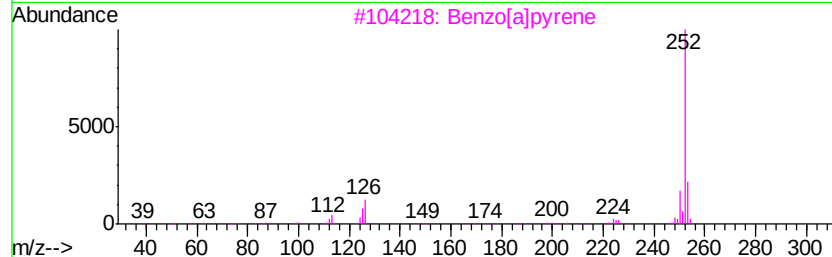
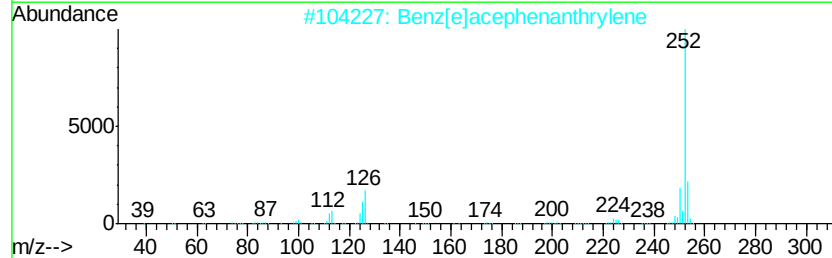
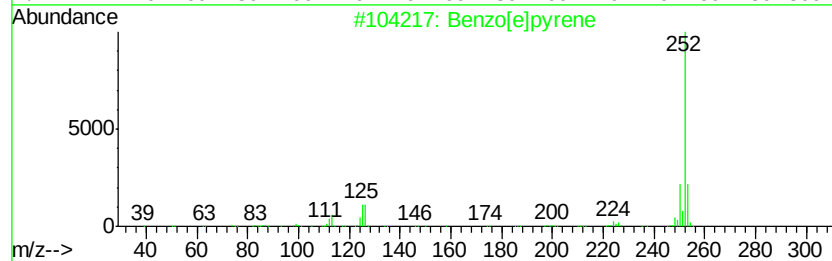
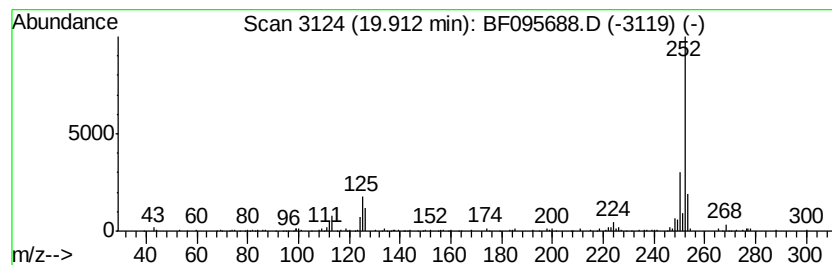
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	8.79 ng	197980	Perylene-d12	20.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 94
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 93
3		Benzo[a]pyrene	252 C20H12	000050-32-8 90
4		Benzo[j]fluoranthene	252 C20H12	000205-82-3 90
5		Perylene	252 C20H12	000198-55-0 89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
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 Acq On : 5 Jun 2017 23:13
 Operator : SJ/MA
 Sample : I3405-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.60	7.3	ng	176961	1	7.40	483014	20.0
unknown7.05	7.05	80.9	ng	1953240	1	7.40	483014	20.0
Phenanthrene, 4-m...	15.49	2.4	ng	95236	4	14.64	787878	20.0
4H-Cyclopenta[def...	15.59	2.8	ng	108182	4	14.64	787878	20.0
n-Hexadecanoic acid	15.65	5.0	ng	197529	4	14.64	787878	20.0
Pyrene, 1-methyl-	17.36	2.6	ng	111546	5	18.35	871293	20.0
Dichloroacetic ac...	18.27	2.6	ng	115298	5	18.35	871293	20.0
Benz[a]anthracene...	18.86	2.0	ng	89405	5	18.35	871293	20.0
Supraene	19.50	3.7	ng	82417	6	20.02	450258	20.0
Benzo[e]pyrene	19.91	8.8	ng	197980	6	20.02	450258	20.0