

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095523.D
 Acq On : 28 May 2017 5:19
 Operator : SJ/MA
 Sample : I3281-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

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	2.219	44	48	73	rBV	496588	952779	14.72%	2.698%
2	5.084	531	535	555	rVV2	60101	174902	2.70%	0.495%
3	5.701	637	640	679	rBV	533463	1639156	25.32%	4.642%
4	7.283	906	909	925	rBV	549046	1397248	21.59%	3.957%
5	7.401	925	929	938	rVV	1051484	1906585	29.46%	5.399%
6	7.472	938	941	947	rVB	57155	75049	1.16%	0.213%
7	7.736	982	986	996	rBV	402181	511508	7.90%	1.449%
8	7.972	1022	1026	1040	rVB	1078011	1399758	21.63%	3.964%
9	8.642	1136	1140	1156	rBV	428474	927708	14.33%	2.627%
10	8.754	1156	1159	1169	rVB4	41591	77857	1.20%	0.220%
11	9.760	1326	1330	1341	rBV	354914	702286	10.85%	1.989%
12	9.836	1341	1343	1352	rVB3	50833	68446	1.06%	0.194%
13	10.936	1523	1530	1539	rBV	70385	128758	1.99%	0.365%
14	11.083	1547	1555	1559	rBV	58089	96978	1.50%	0.275%
15	11.530	1626	1631	1647	rBV	1276948	1975807	30.53%	5.596%
16	11.742	1664	1667	1676	rVB	52190	74061	1.14%	0.210%
17	12.065	1718	1722	1727	rBV	48380	80568	1.24%	0.228%
18	12.113	1727	1730	1735	rVB2	50351	69302	1.07%	0.196%
19	12.230	1745	1750	1753	rBV	156872	225785	3.49%	0.639%
20	12.265	1753	1756	1764	rVB3	96331	165283	2.55%	0.468%
21	12.383	1769	1776	1782	rBV4	31927	67728	1.05%	0.192%
22	12.589	1807	1811	1818	rBV3	504952	840102	12.98%	2.379%
23	12.648	1818	1821	1828	rVB3	51130	90372	1.40%	0.256%
24	12.960	1866	1874	1880	rBV2	58528	119724	1.85%	0.339%
25	13.136	1899	1904	1910	rVB3	46102	81991	1.27%	0.232%
26	13.365	1935	1943	1946	rBV	4354383	6472496	100.00%	18.330%
27	13.418	1949	1952	1956	rVB	86390	97553	1.51%	0.276%
28	13.495	1958	1965	1972	rVB4	67978	135631	2.10%	0.384%
29	13.777	2006	2013	2023	rBV3	65908	154785	2.39%	0.438%
30	13.895	2028	2033	2042	rBV	562590	1003972	15.51%	2.843%
31	14.195	2080	2084	2085	rBV	93646	106326	1.64%	0.301%
32	14.218	2085	2088	2093	rVB2	130843	186538	2.88%	0.528%
33	14.612	2151	2155	2160	rBV5	49242	85512	1.32%	0.242%
34	14.924	2203	2208	2212	rBV	83531	98104	1.52%	0.278%

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35	14.995	2212	2220	2223	rBV	510631	672353	10.39%	1.904%
36	15.030	2223	2226	2233	rVB	313718	462478	7.15%	1.310%
37	15.124	2238	2242	2252	rVB	73672	135143	2.09%	0.383%
38	15.212	2252	2257	2262	rBV5	42688	80837	1.25%	0.229%
39	15.524	2305	2310	2316	rVV5	33413	65308	1.01%	0.185%
40	15.583	2316	2320	2327	rVB	96581	130040	2.01%	0.368%
41	15.777	2349	2353	2357	rBV	98394	117547	1.82%	0.333%
42	15.824	2357	2361	2366	rVB	130414	182855	2.83%	0.518%
43	15.930	2375	2379	2381	rBV2	150190	182315	2.82%	0.516%
44	16.177	2418	2421	2424	rBV	83548	86991	1.34%	0.246%
45	16.218	2424	2428	2431	rBV	60803	79556	1.23%	0.225%
46	16.471	2468	2471	2475	rBV	53539	68898	1.06%	0.195%
47	16.571	2484	2488	2492	rBV	170212	222140	3.43%	0.629%
48	16.618	2492	2496	2499	rVV3	77032	139417	2.15%	0.395%
49	16.648	2499	2501	2504	rVV	60007	65271	1.01%	0.185%
50	16.689	2504	2508	2511	rVV3	72944	121934	1.88%	0.345%
51	16.718	2511	2513	2519	rVV	97373	120967	1.87%	0.343%
52	16.777	2519	2523	2535	rVB	646174	847918	13.10%	2.401%
53	16.912	2543	2546	2552	rVB3	43686	80510	1.24%	0.228%
54	17.042	2560	2568	2570	rBV8	60575	128020	1.98%	0.363%
55	17.077	2570	2574	2582	rVB	704356	893671	13.81%	2.531%
56	17.224	2596	2599	2603	rVB	86453	94685	1.46%	0.268%
57	17.271	2603	2607	2609	rBV2	61085	80599	1.25%	0.228%
58	17.312	2609	2614	2622	rVV	1355728	1617427	24.99%	4.581%
59	17.400	2623	2629	2631	rVV4	65321	124591	1.92%	0.353%
60	17.430	2631	2634	2639	rVB	444917	472068	7.29%	1.337%
61	17.512	2645	2648	2651	rBV4	50894	90392	1.40%	0.256%
62	17.547	2651	2654	2658	rVB2	109538	140212	2.17%	0.397%
63	17.630	2665	2668	2672	rVB2	73660	88227	1.36%	0.250%
64	17.689	2672	2678	2684	rBV3	154323	315706	4.88%	0.894%
65	17.794	2693	2696	2700	rVB	82736	91790	1.42%	0.260%
66	17.836	2700	2703	2709	rBV	56806	88642	1.37%	0.251%
67	18.077	2735	2744	2748	rBV9	42943	120413	1.86%	0.341%
68	18.136	2748	2754	2758	rVB3	98646	149238	2.31%	0.423%
69	18.236	2768	2771	2778	rVB3	64590	93652	1.45%	0.265%
70	18.377	2792	2795	2798	rVB	91600	92760	1.43%	0.263%
71	18.559	2822	2826	2836	rBV2	93601	149848	2.32%	0.424%

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72	18.665	2839	2844	2848	rVV2	640725	1025123	15.84%	2.903%
73	18.706	2848	2851	2857	rVB	301231	432221	6.68%	1.224%
74	18.800	2864	2867	2871	rVB3	66340	82383	1.27%	0.233%
75	18.959	2891	2894	2898	rBV2	96786	107505	1.66%	0.304%
76	19.177	2926	2931	2935	rBV	115266	151693	2.34%	0.430%
77	19.265	2943	2946	2949	rBV4	45304	71343	1.10%	0.202%
78	19.341	2954	2959	2969	rVB4	99910	193932	3.00%	0.549%
79	19.712	3019	3022	3025	rVB2	72568	78610	1.21%	0.223%
80	19.941	3057	3061	3065	rBV	293991	440736	6.81%	1.248%
81	20.065	3078	3082	3086	rBV2	128453	165744	2.56%	0.469%
82	20.236	3108	3111	3117	rBV	183972	197739	3.06%	0.560%
83	20.294	3118	3121	3127	rVV	243074	305393	4.72%	0.865%
84	20.347	3127	3130	3135	rVV	383791	505451	7.81%	1.431%
85	20.412	3138	3141	3147	rVB	110890	157013	2.43%	0.445%
86	20.788	3202	3205	3210	rBV2	77954	111138	1.72%	0.315%
87	21.694	3354	3359	3368	rVB4	95819	238214	3.68%	0.675%
88	22.082	3420	3425	3433	rBV	74264	161137	2.49%	0.456%

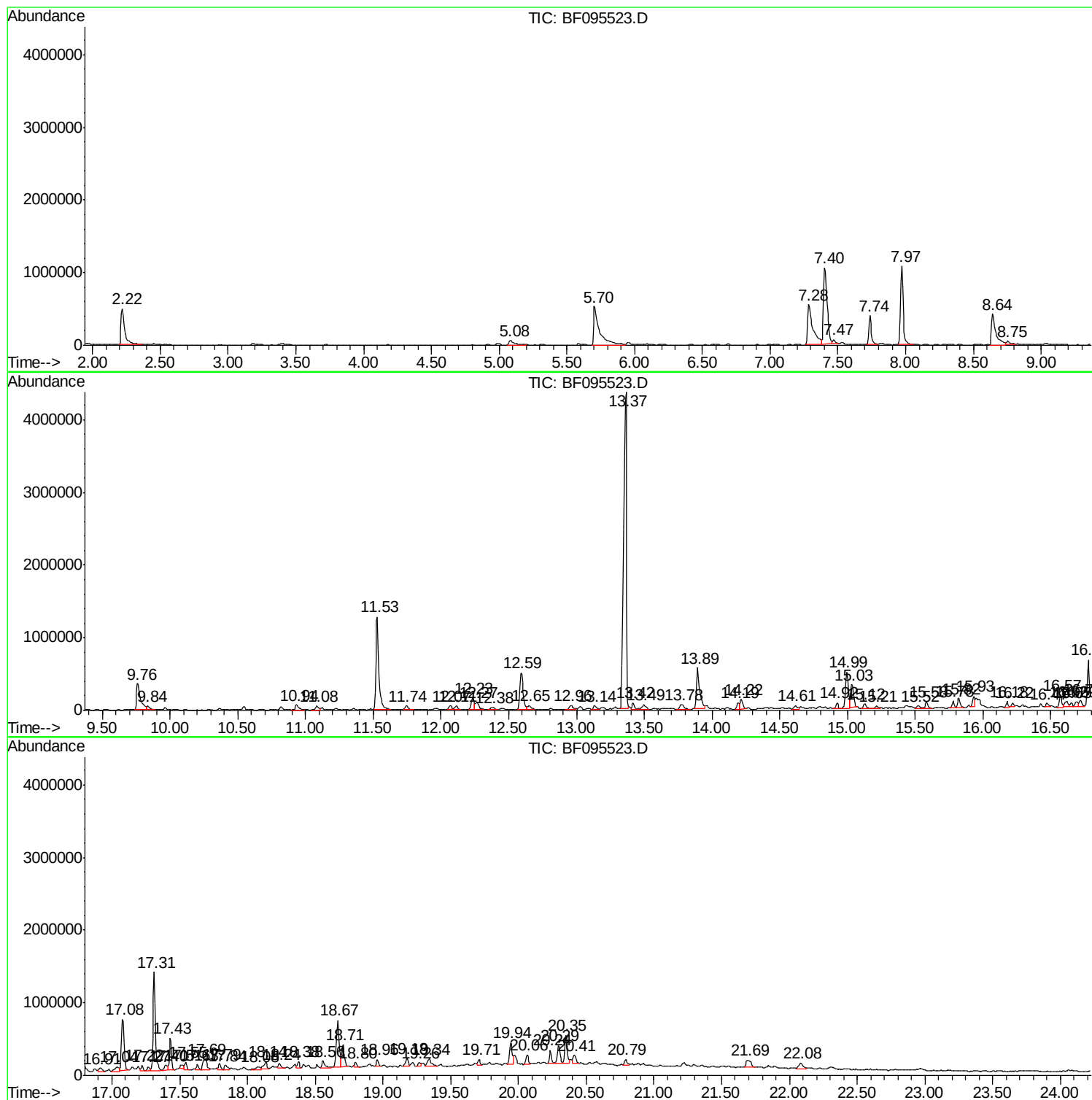
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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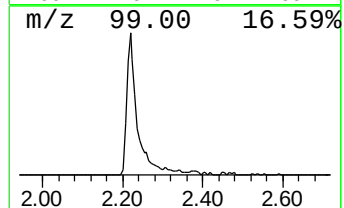
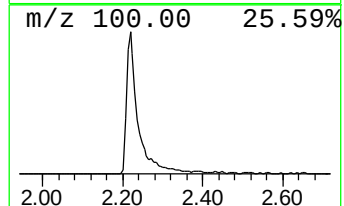
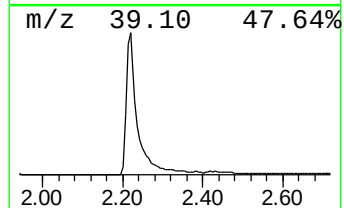
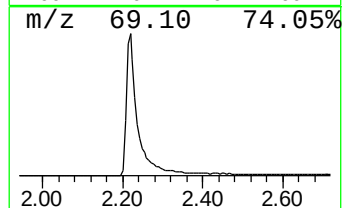
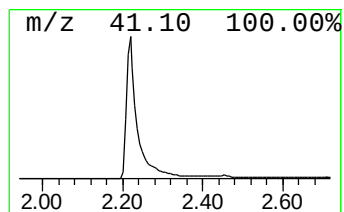
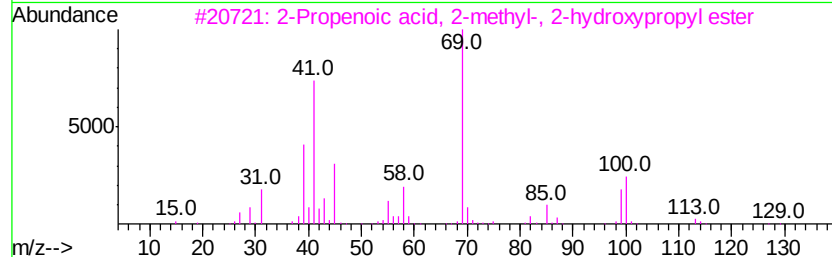
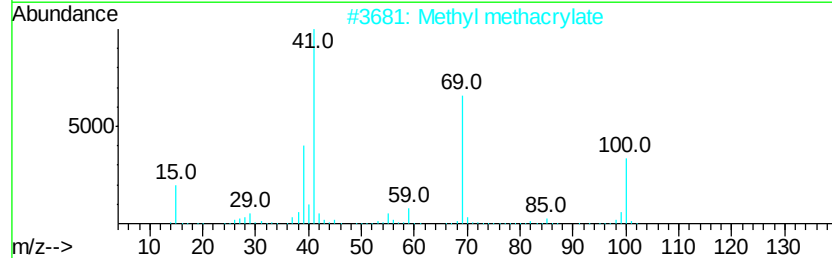
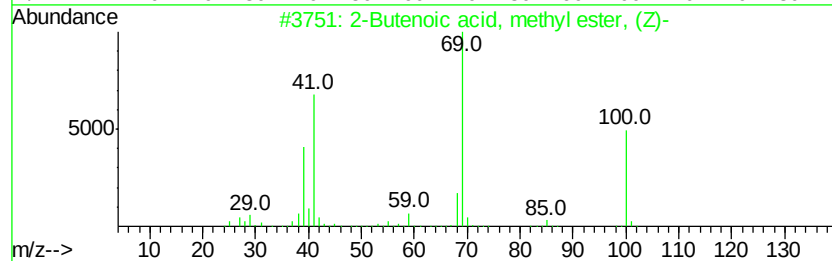
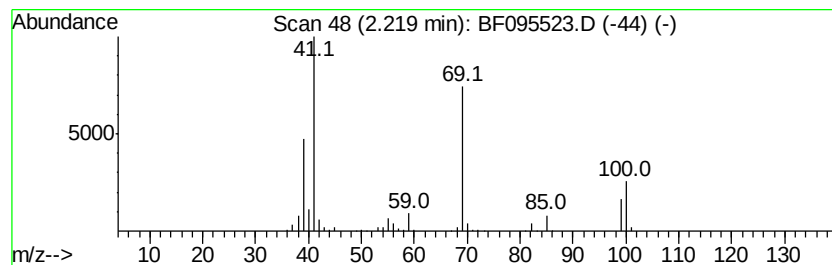
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Butenoic acid, methyl est... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	37.25 ng	952779	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	87
2		Methyl methacrylate	100	C5H8O2	000080-62-6	86
3		2-Propenoic acid, 2-methyl-, 2-h...	144	C7H12O3	000923-26-2	64
4		Crotonyl isothiocyanate	127	C5H5NOS	060034-28-8	45
5		2-Butenoic acid, methyl ester, (E)-	100	C5H8O2	000623-43-8	45



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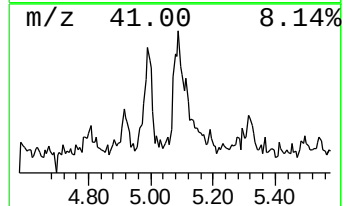
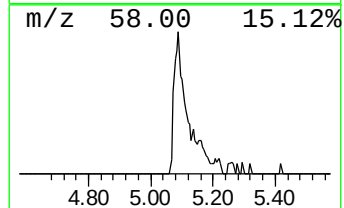
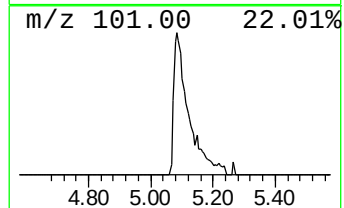
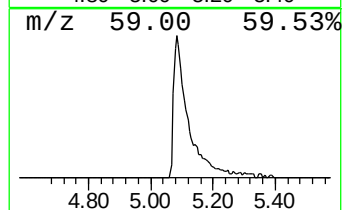
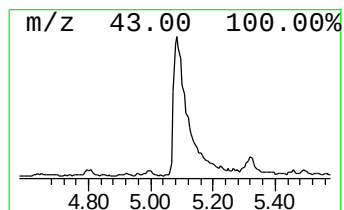
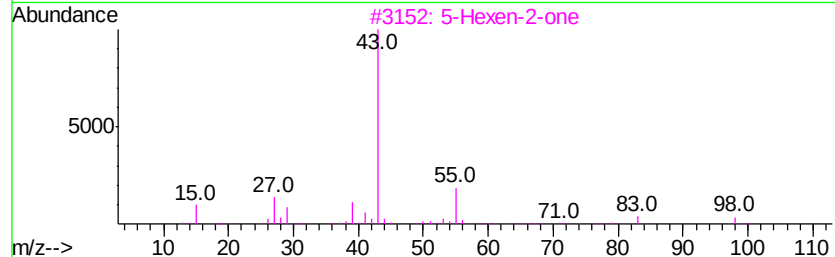
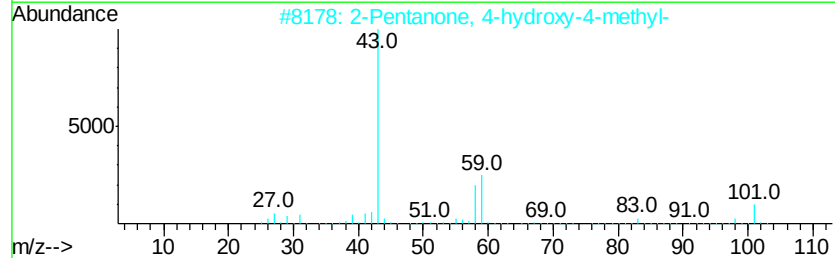
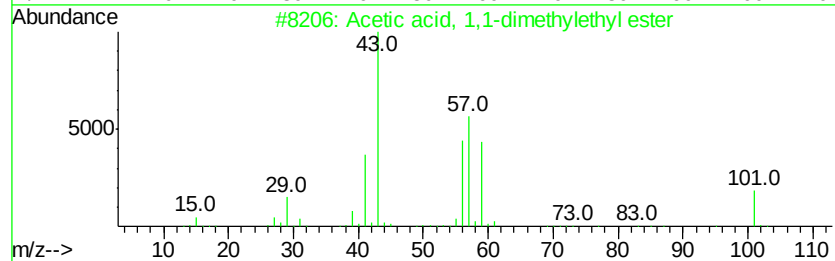
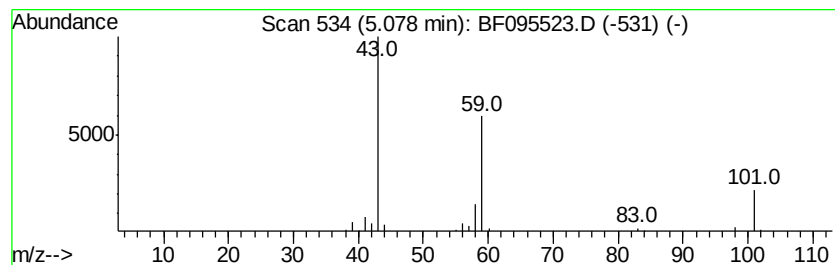
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Acetic acid, 1,1-dimethylet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.84 ng	174902	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10		
4	Butane	58	C4H10	000106-97-8	9		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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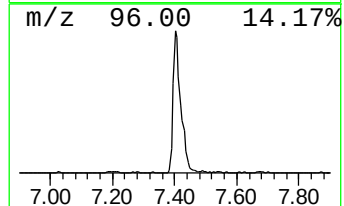
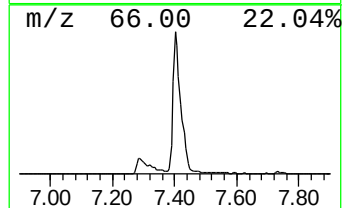
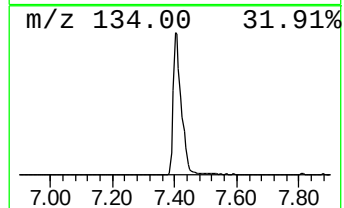
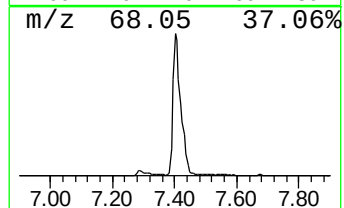
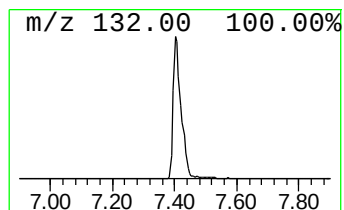
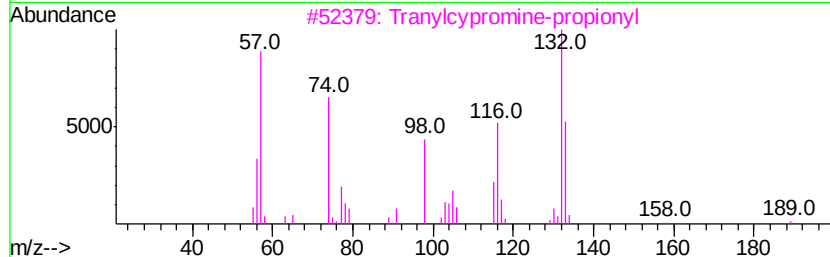
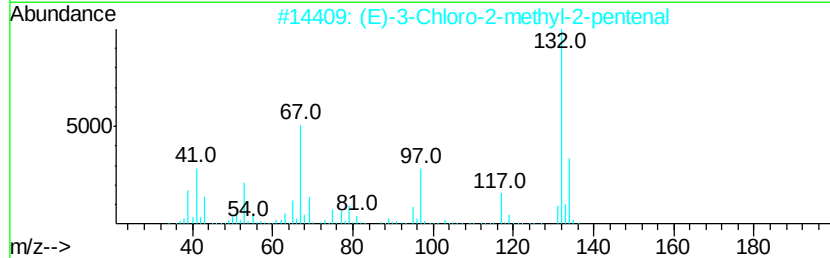
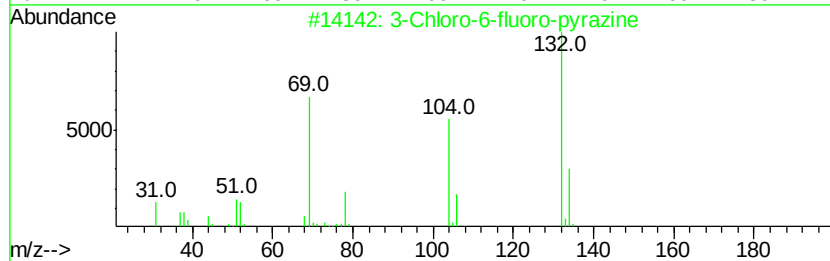
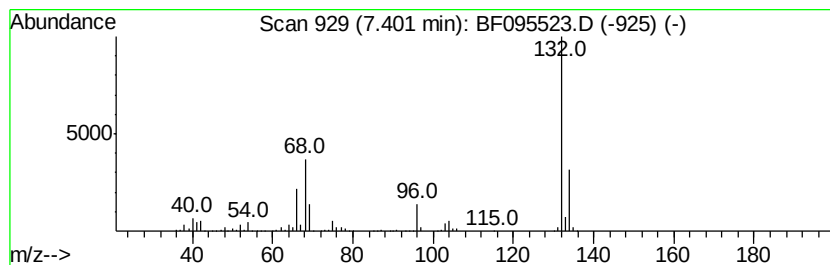
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	74.55 ng	1906590	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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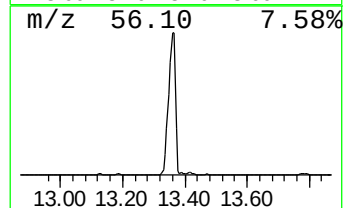
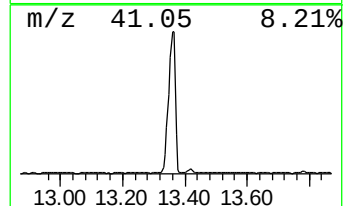
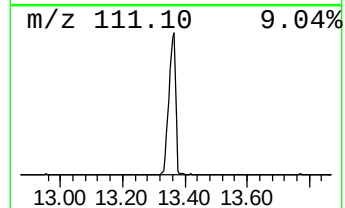
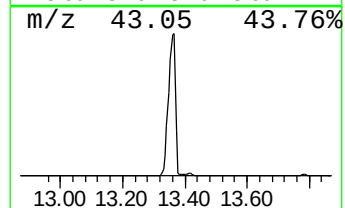
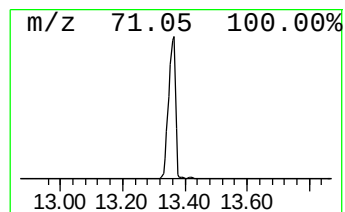
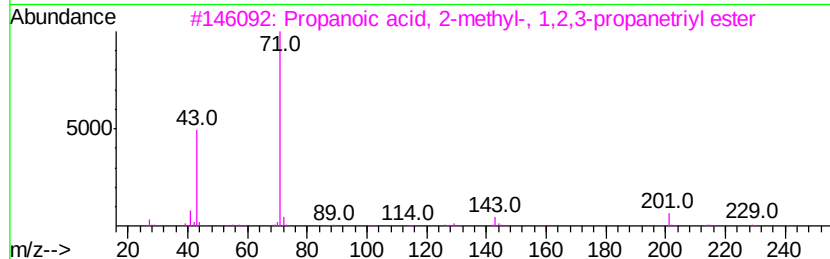
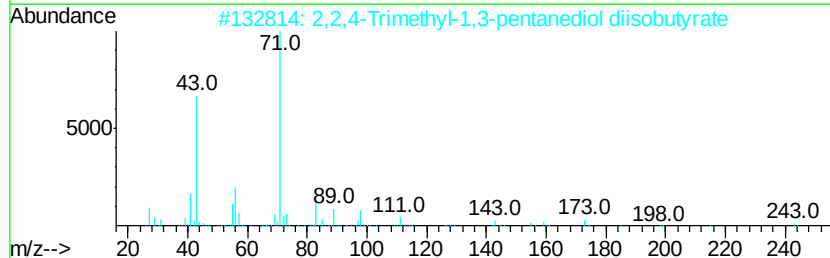
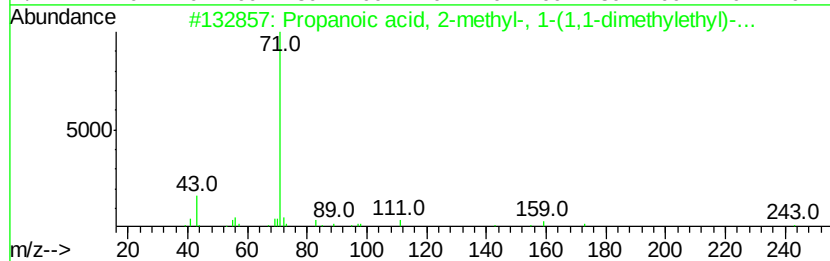
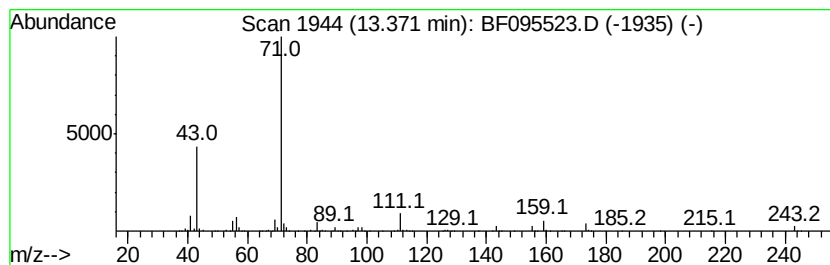
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	154.09 ng	6472500	Acenaphthene-d10	12.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	78
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
3		Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	45
4		Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	45
5		Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
Data File : BF095523.D
Acq On : 28 May 2017 5:19
Operator : SJ/MA
Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

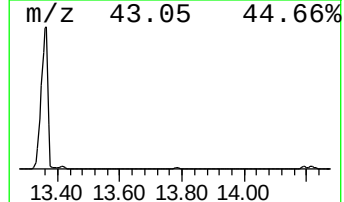
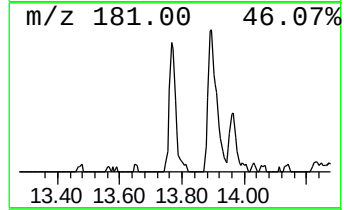
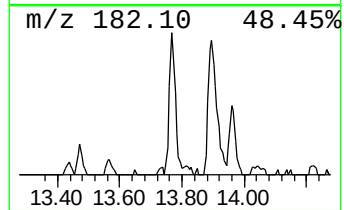
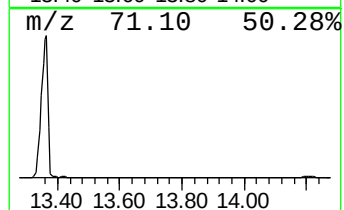
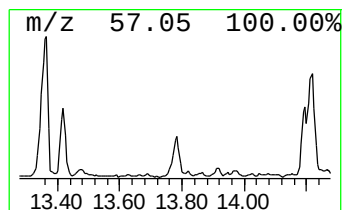
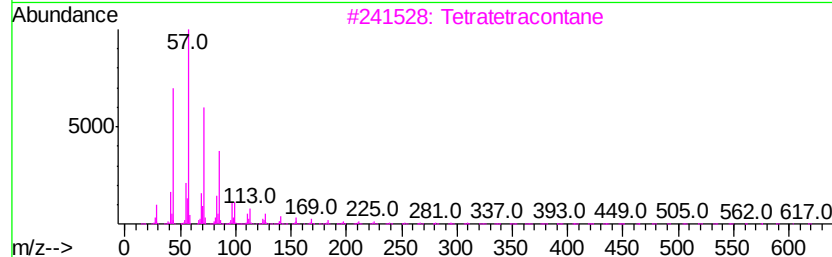
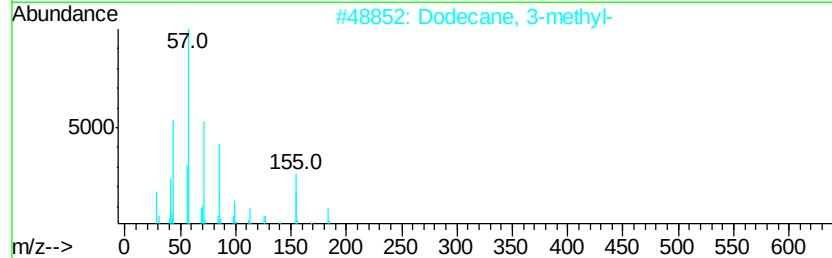
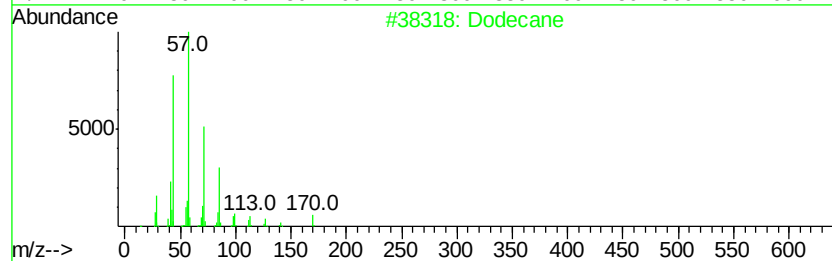
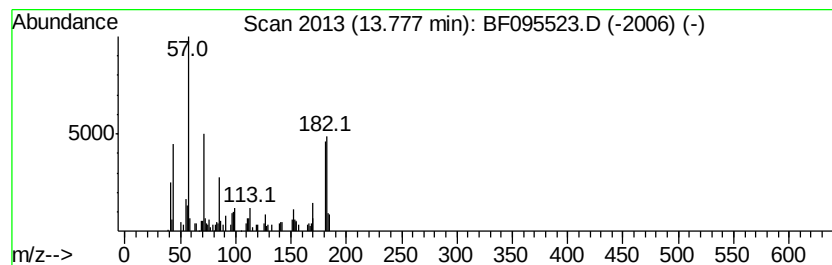
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.78 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.78	3.68 ng	154785	Acenaphthene-d10		12.59
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	38
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3	Tetratetracontane	619	C44H90	007098-22-8	27
4	Hexacosane	366	C26H54	000630-01-3	27
5	Hentriacontane	437	C31H64	000630-04-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
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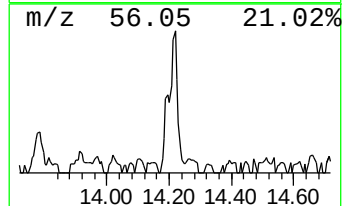
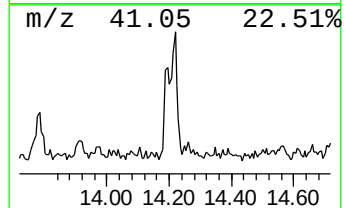
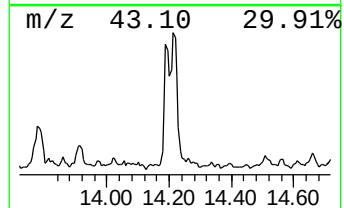
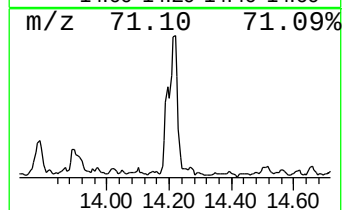
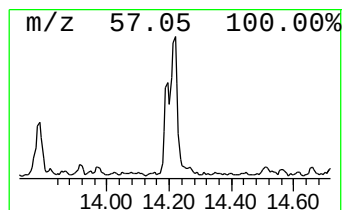
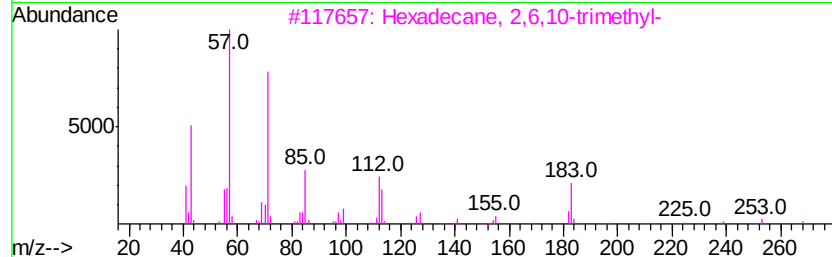
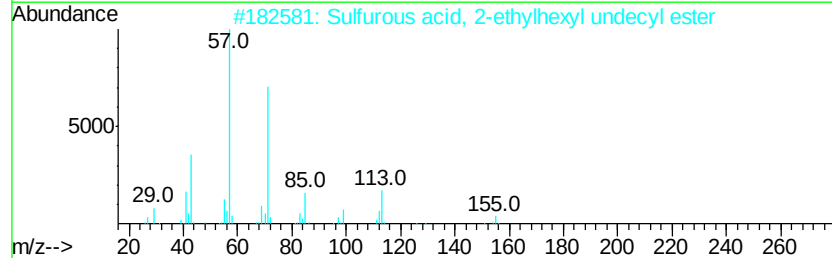
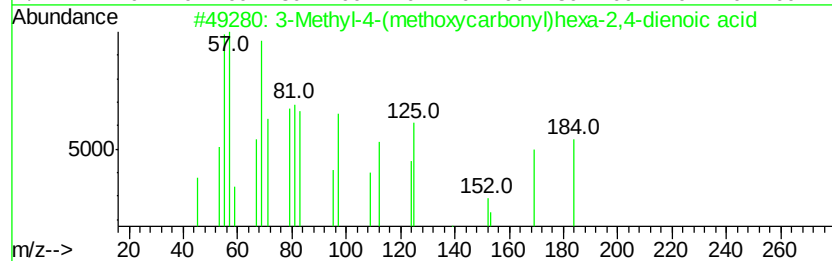
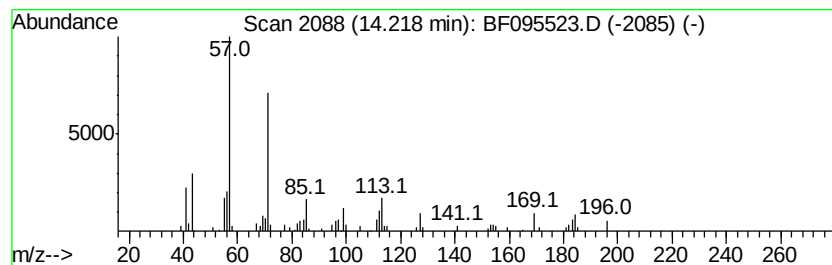
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.22	5.55 ng	186538	Phenanthrene-d10	14.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	53
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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Acq On : 28 May 2017 5:19
Operator : SJ/MA
Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

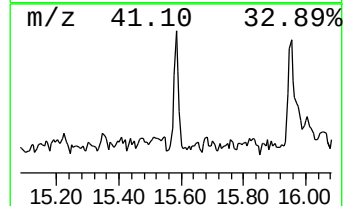
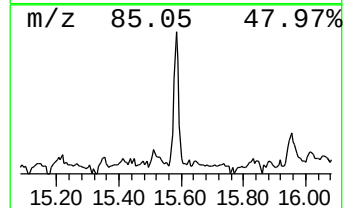
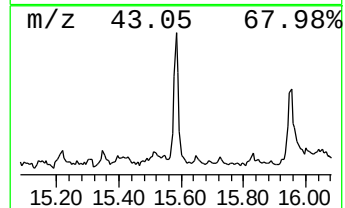
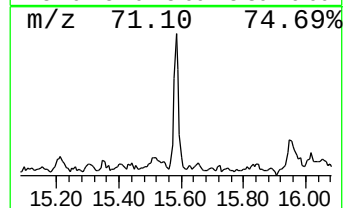
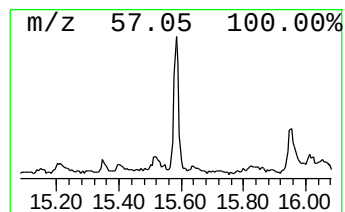
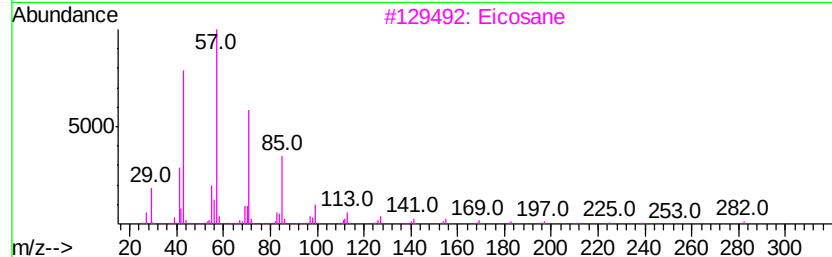
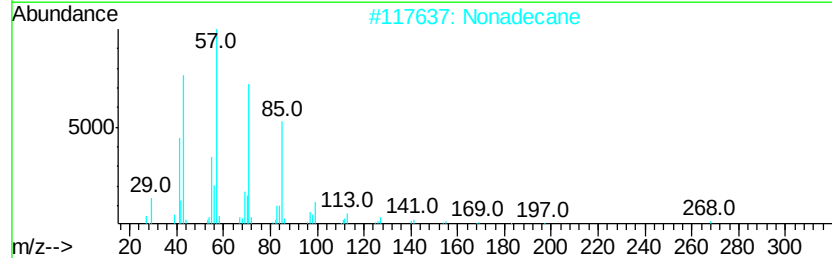
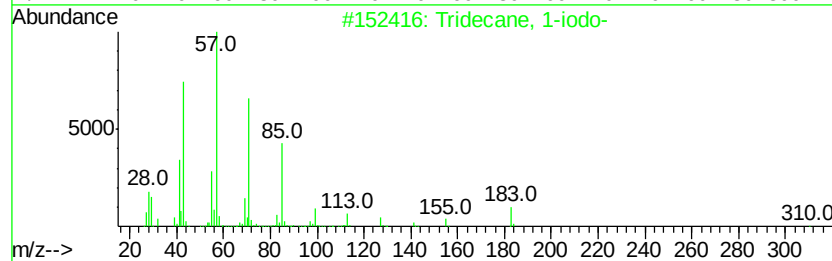
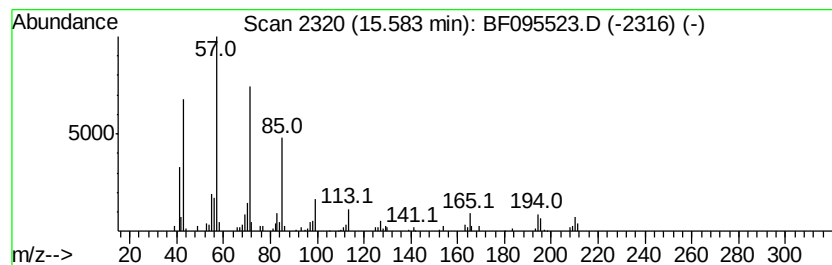
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.58	3.87 ng	130040	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Nonadecane	268	C19H40	000629-92-5	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
Data File : BF095523.D
Acq On : 28 May 2017 5:19
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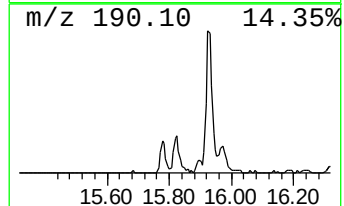
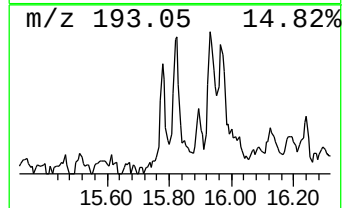
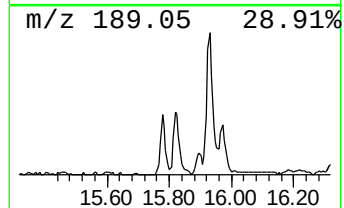
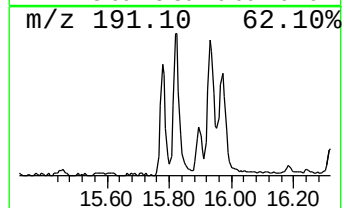
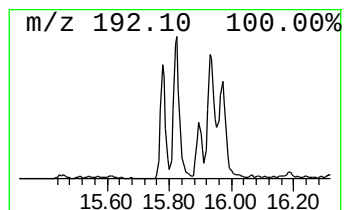
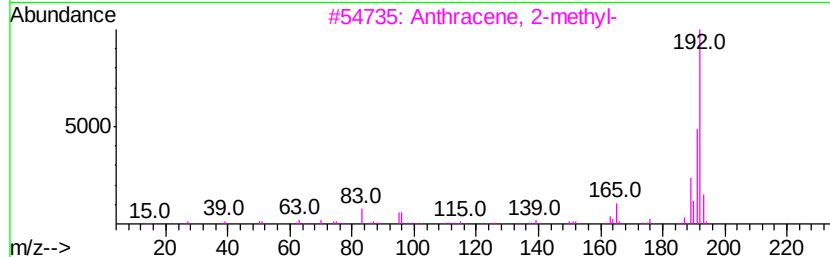
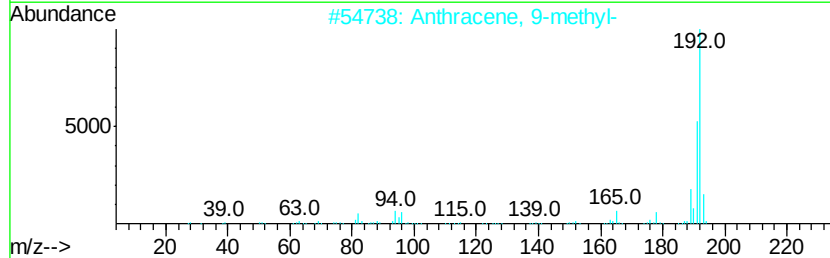
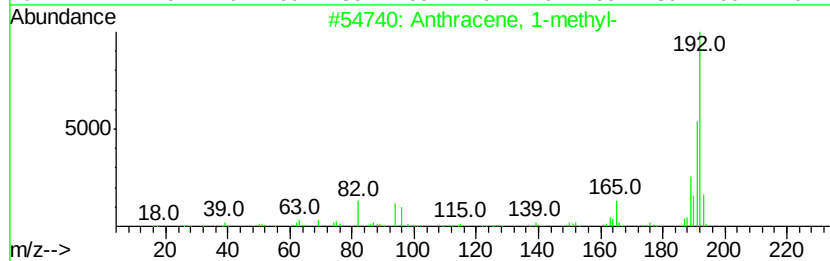
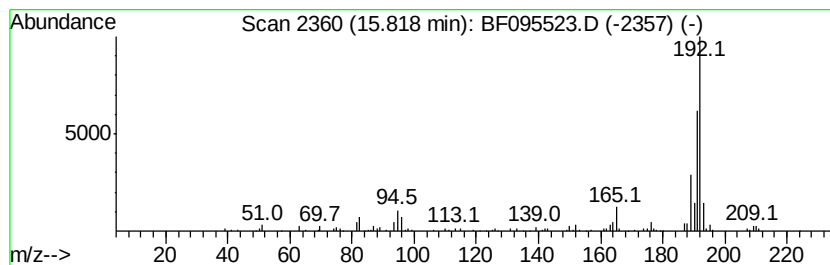
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.44 ng	182855	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
Data File : BF095523.D
Acq On : 28 May 2017 5:19
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Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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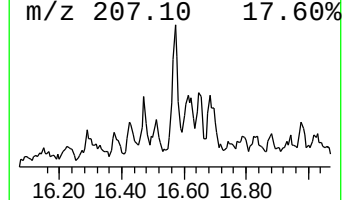
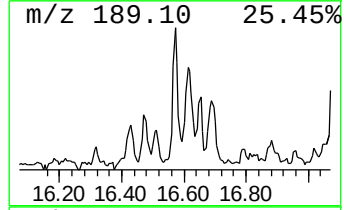
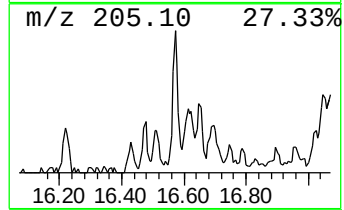
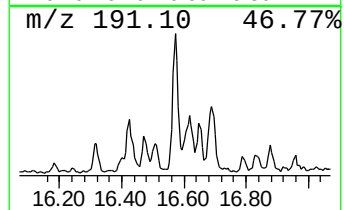
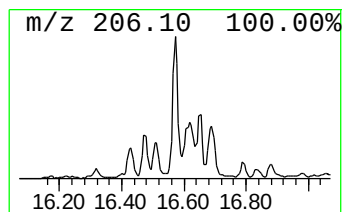
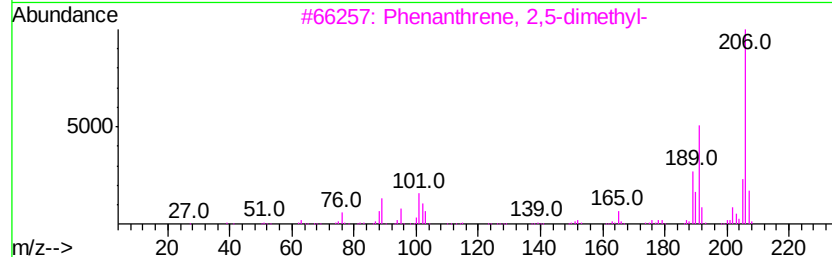
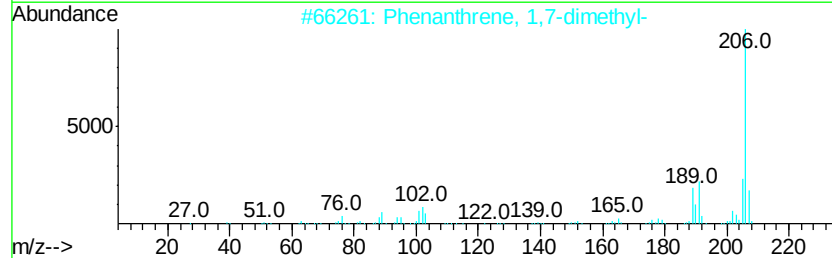
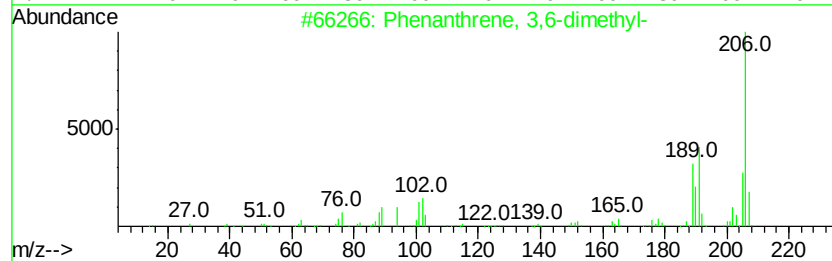
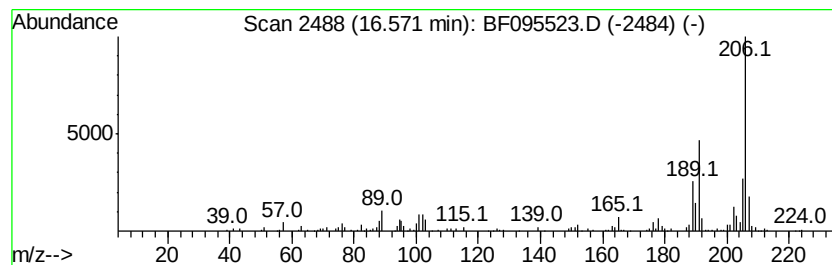
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	6.61 ng	222140	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
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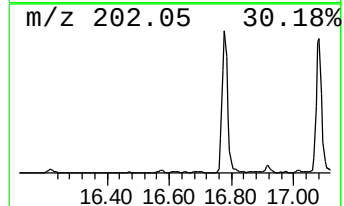
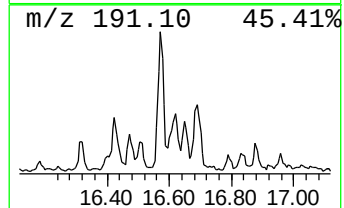
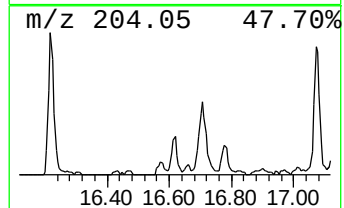
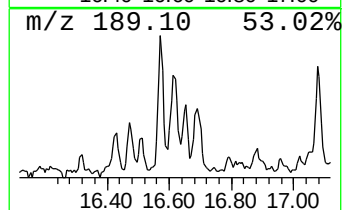
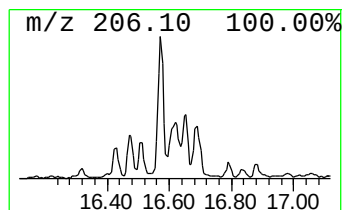
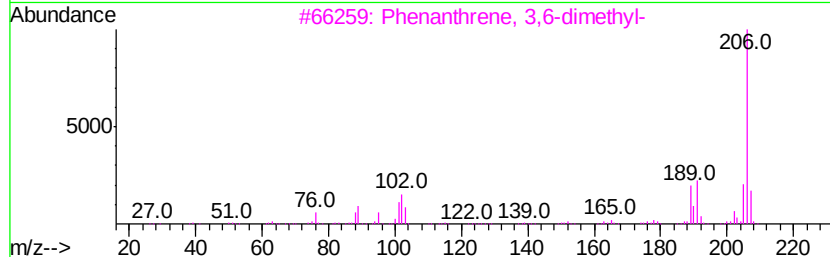
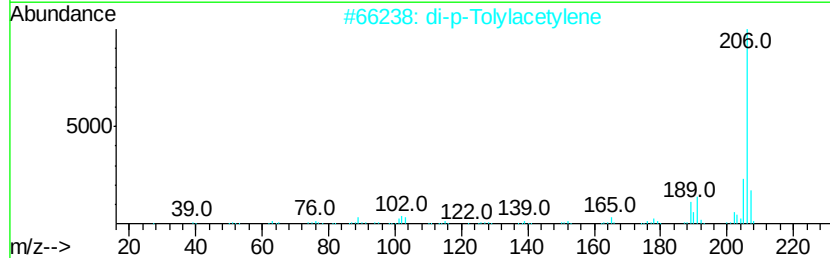
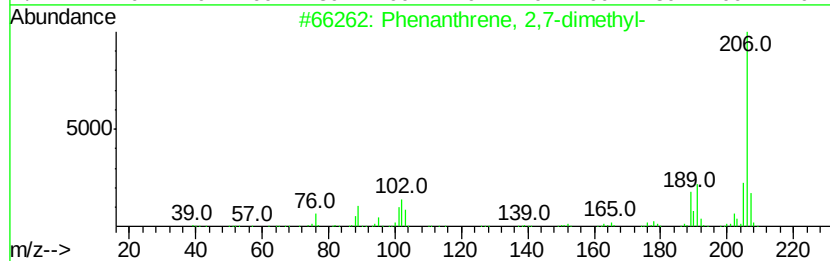
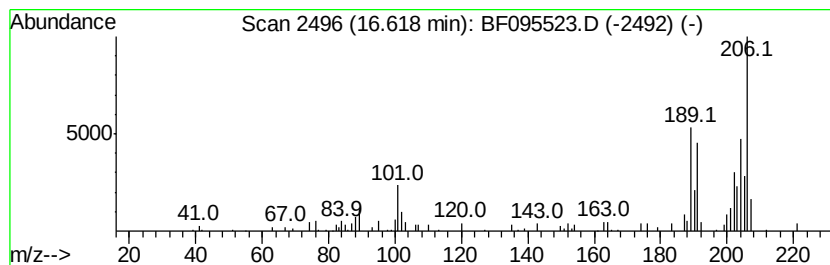
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.62	4.15 ng	139417	Phenanthrene-d10		14.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	49



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-1

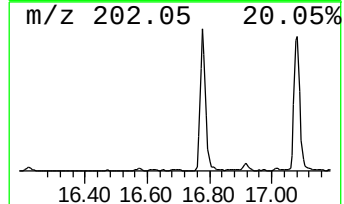
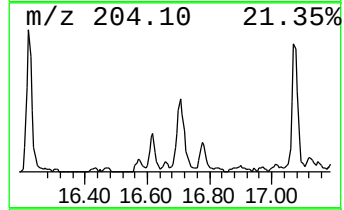
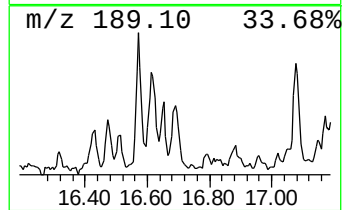
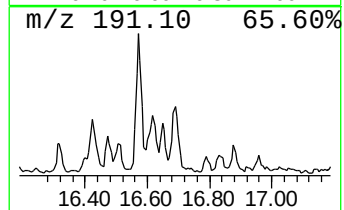
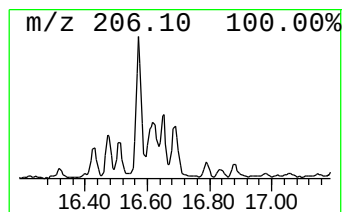
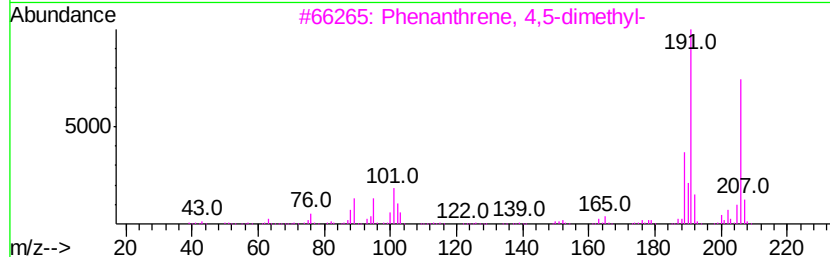
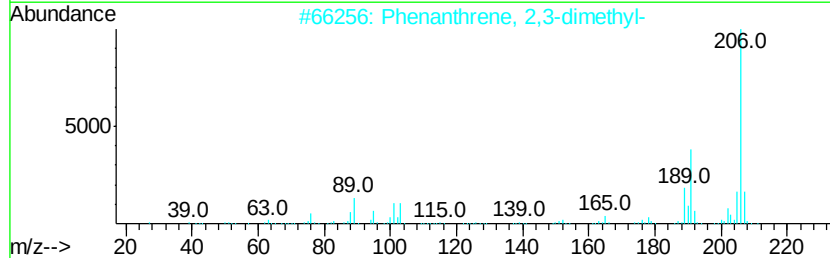
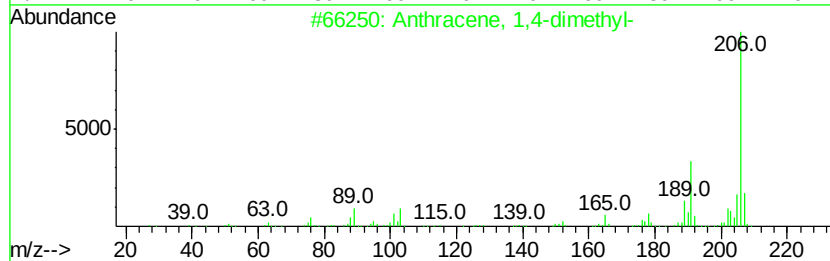
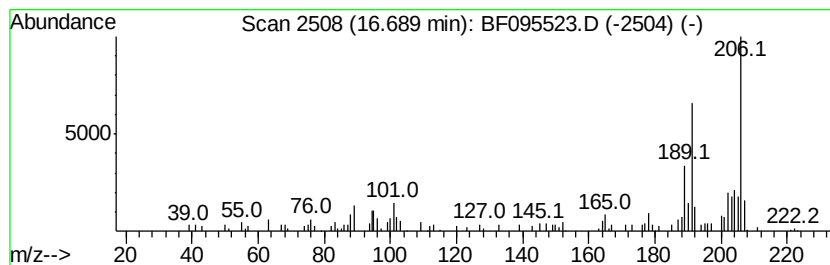
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.63 ng	121934	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
Data File : BF095523.D
Acq On : 28 May 2017 5:19
Operator : SJ/MA
Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

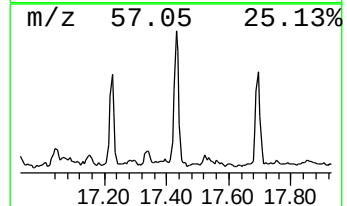
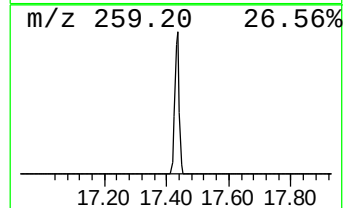
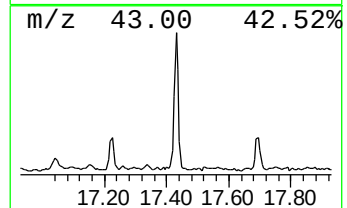
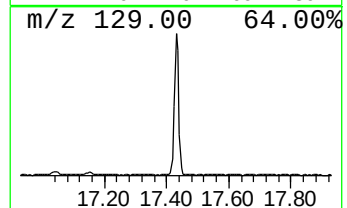
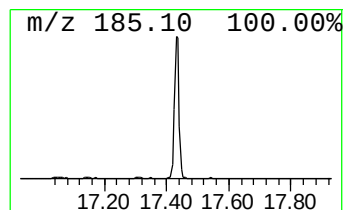
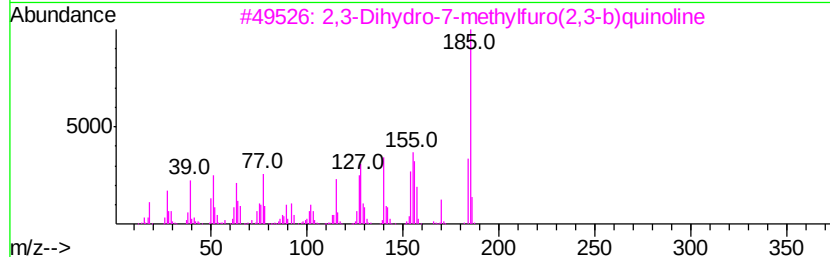
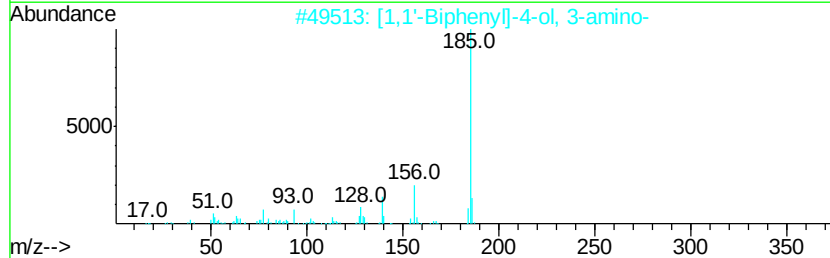
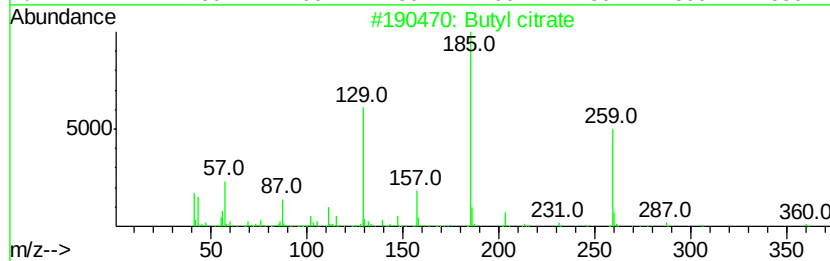
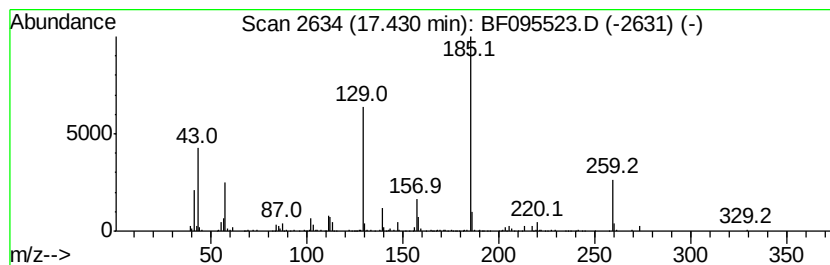
Instrument :
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ClientSampleId :
DUP-1

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 14 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.43	9.21 ng	472068	Chrysene-d12	18.67	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	78
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	43
3	2,3-Dihydro-7-methylfuro(2,3-b)qu...	185	C12H11NO	073863-57-7	43
4	Dibutyl adipate	258	C14H26O4	000105-99-7	42
5	Adipic acid, butyl isobutyl ester	258	C14H26O4	1000324-09-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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Acq On : 28 May 2017 5:19
Operator : SJ/MA
Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

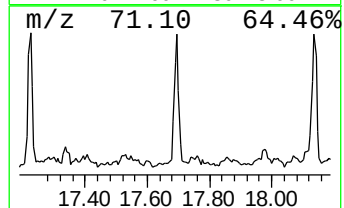
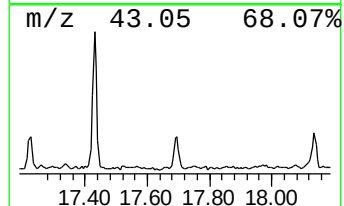
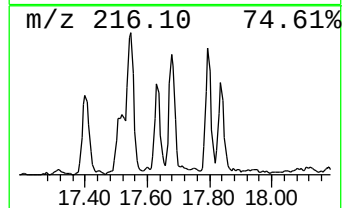
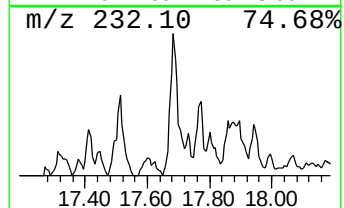
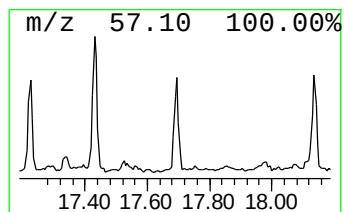
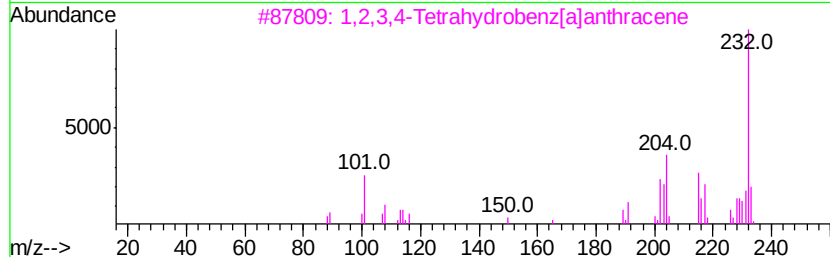
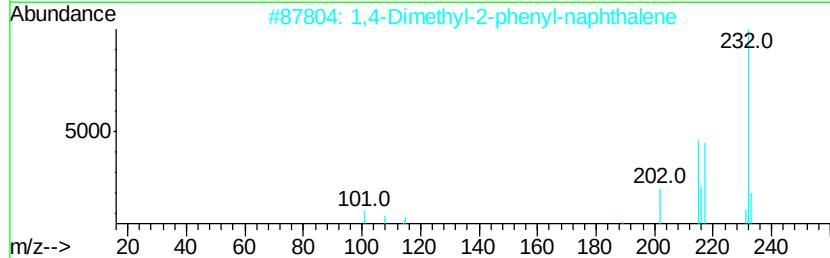
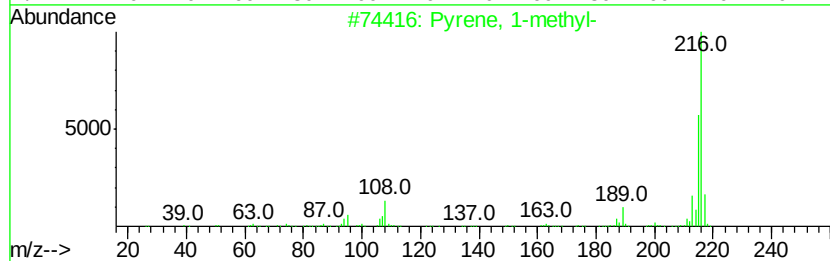
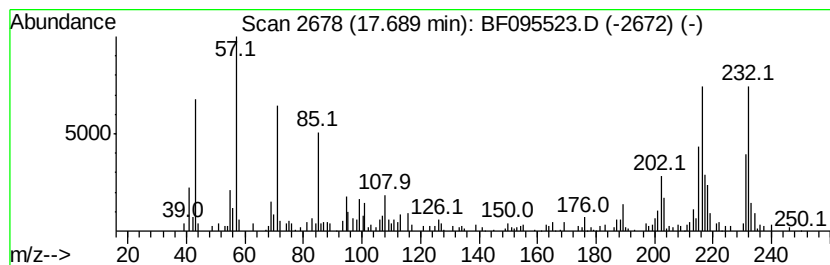
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	6.16 ng	315706	Chrysene-d12	18.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 76
2		1,4-Dimethyl-2-phenyl-naphthalene	232 C18H16	051036-91-0 46
3		1,2,3,4-Tetrahydrobenz[<i>a</i>]anthracene	232 C18H16	004483-98-1 43
4		1-benzyl-3-methylnaphthalene	232 C18H16	1000379-93-5 43
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
Data File : BF095523.D
Acq On : 28 May 2017 5:19
Operator : SJ/MA
Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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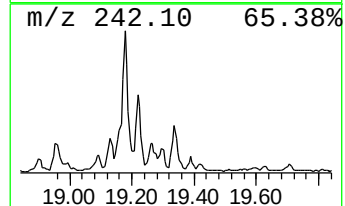
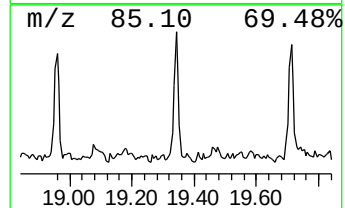
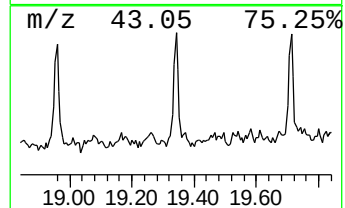
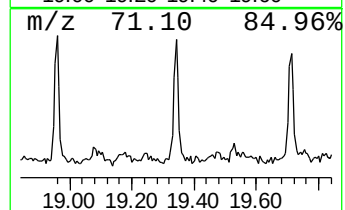
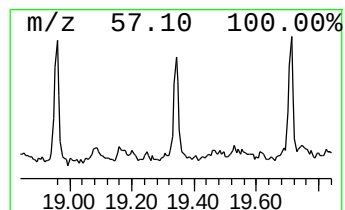
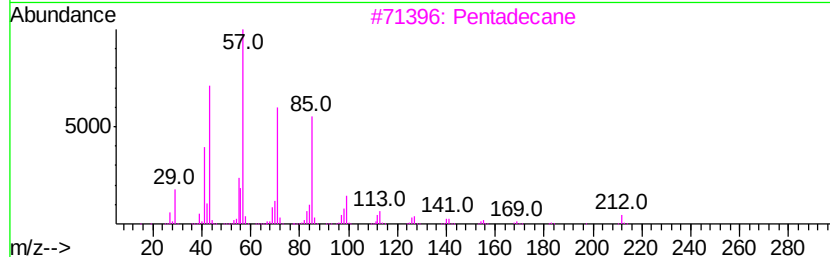
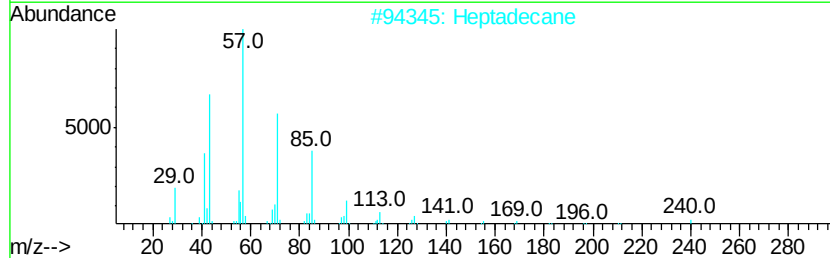
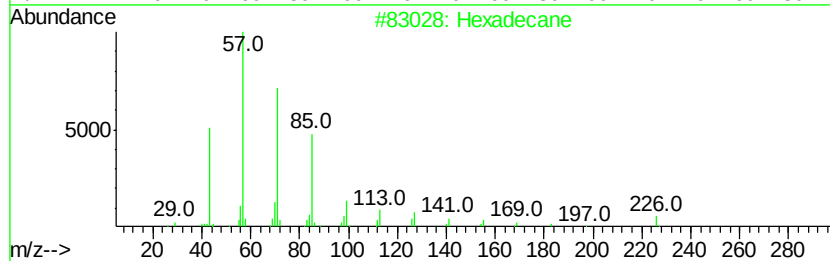
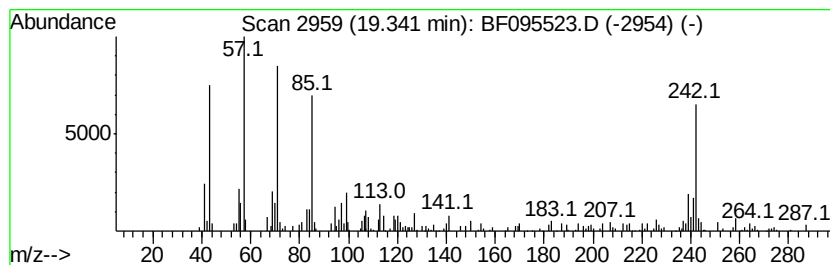
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.78 ng	193932	Chrysene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane	240	C17H36	000629-78-7	83
3		Pentadecane	212	C15H32	000629-62-9	64
4		Heneicosane	296	C21H44	000629-94-7	58
5		10-Methylnonadecane	282	C20H42	056862-62-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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Misc :
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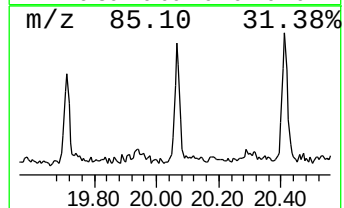
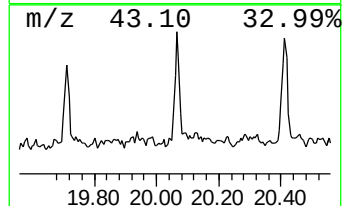
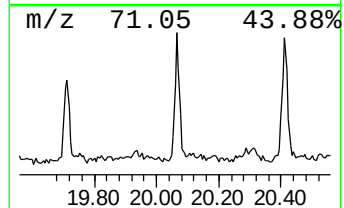
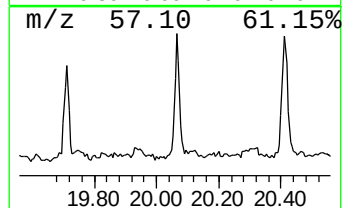
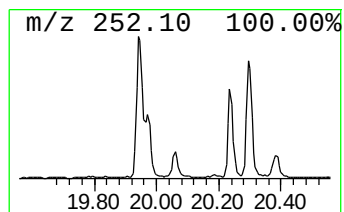
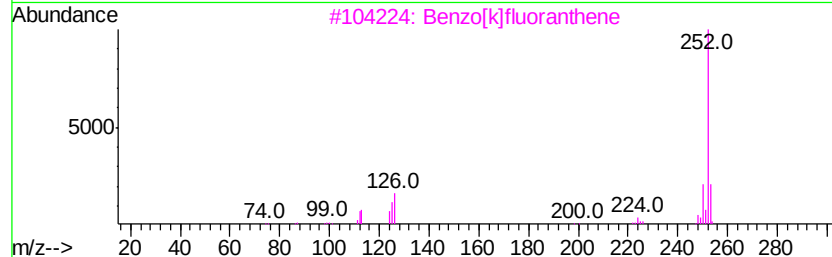
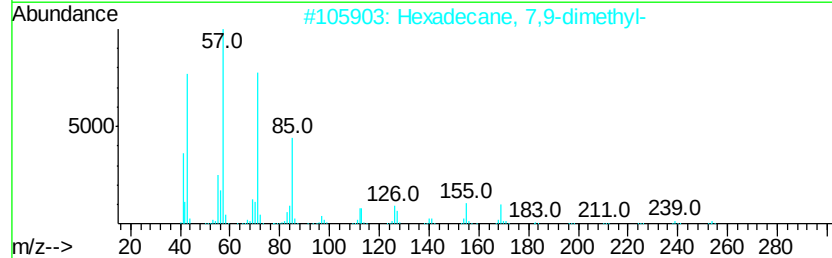
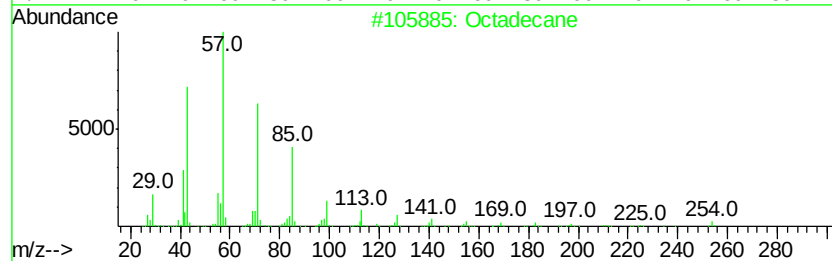
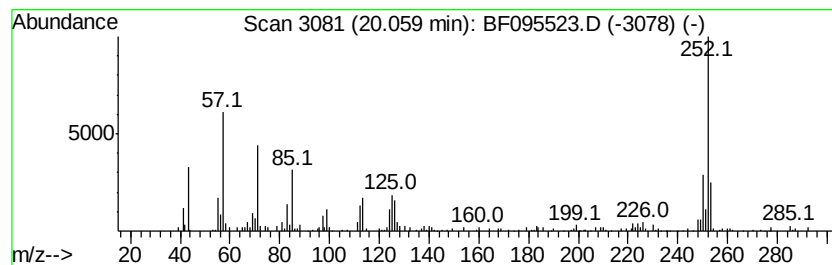
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.06	6.56 ng	165744	Perylene-d12		20.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	60
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	55
4	Benz[el]acephenanthrylene	252	C20H12	000205-99-2	55
5	Hexacosane	366	C26H54	000630-01-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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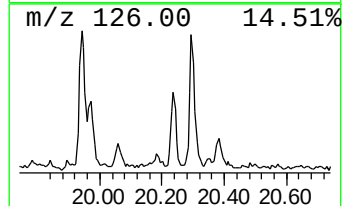
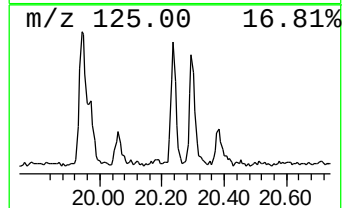
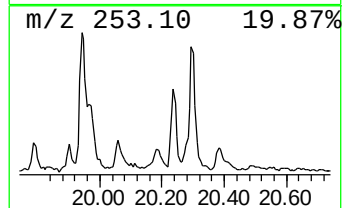
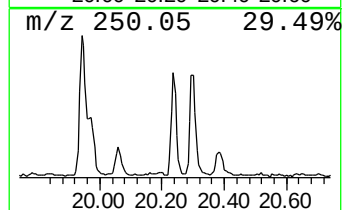
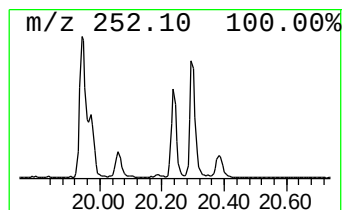
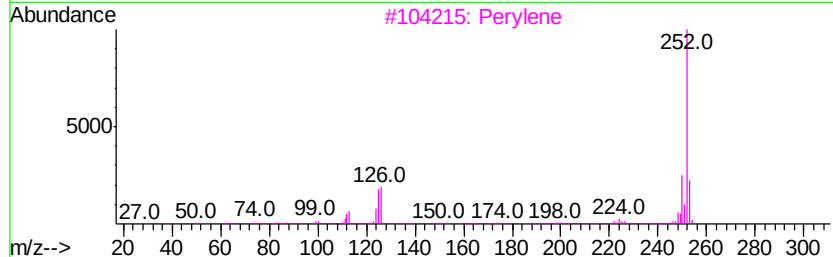
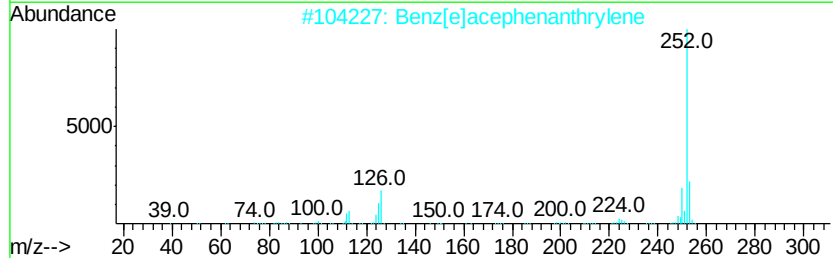
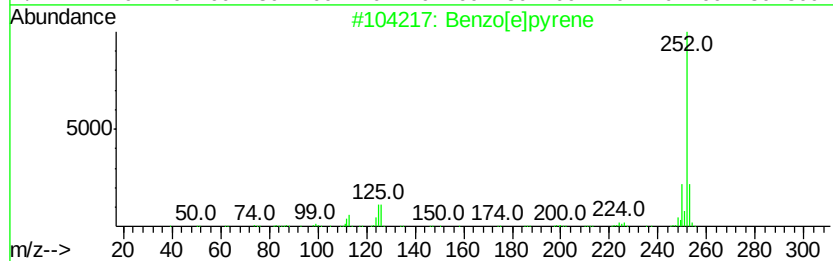
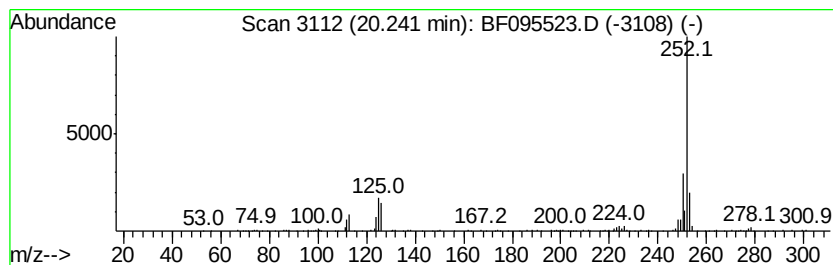
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.24	7.82 ng	197739	Perylene-d12	20.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[il]fluoranthene	252	C20H12	000205-82-3	83
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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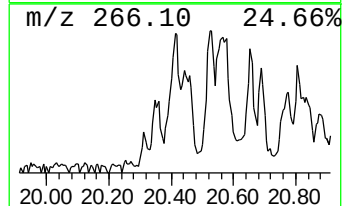
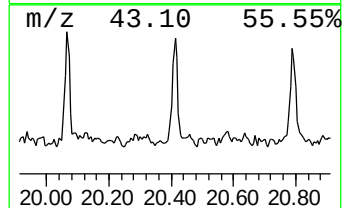
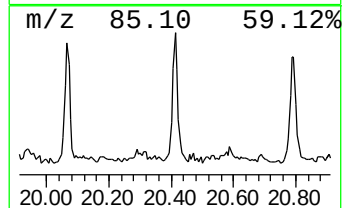
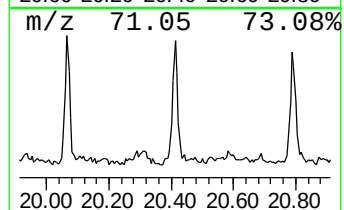
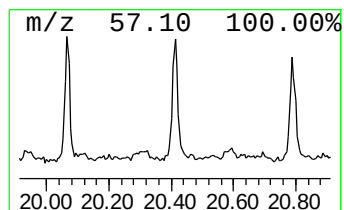
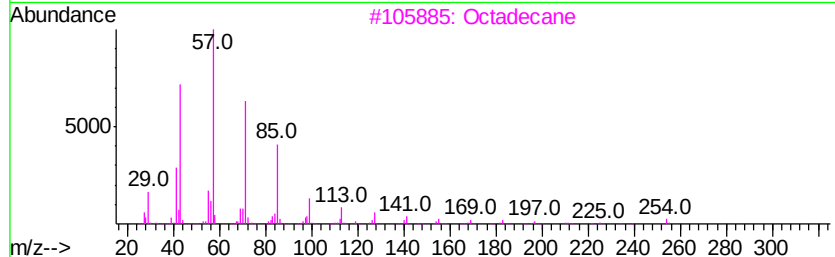
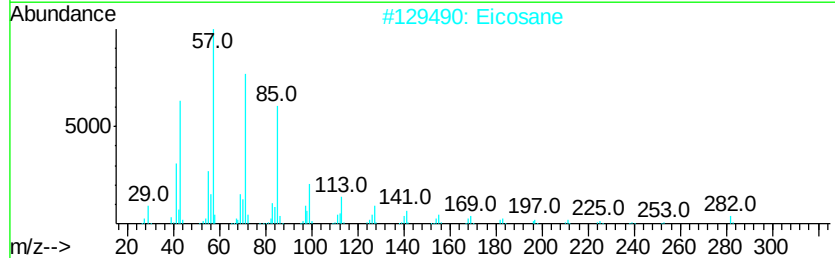
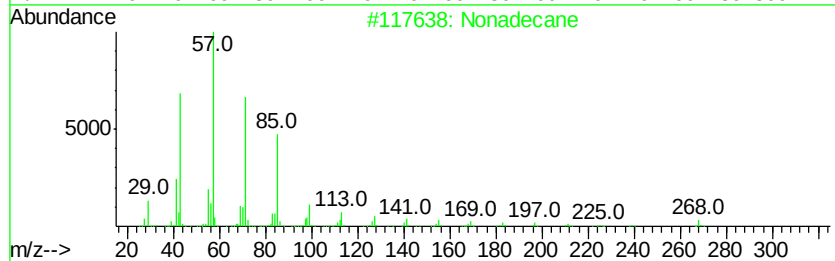
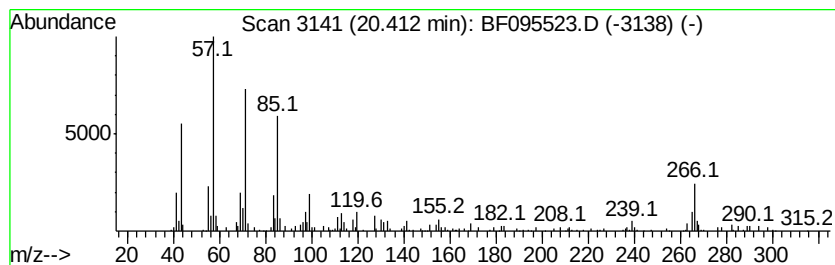
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.41	6.21 ng	157013	Perylene-d12	20.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Octadecane	254	C18H38	000593-45-3	70
4	Heptacosane	380	C27H56	000593-49-7	64
5	Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
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Sample : I3281-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

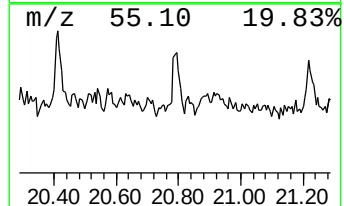
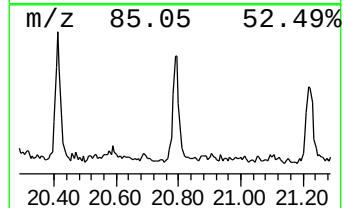
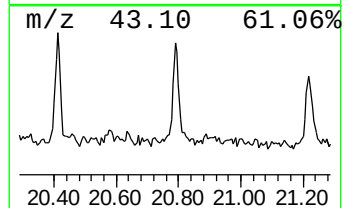
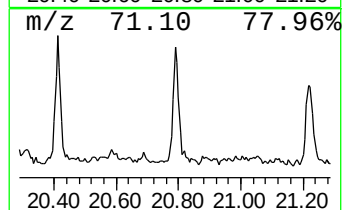
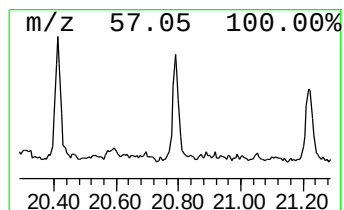
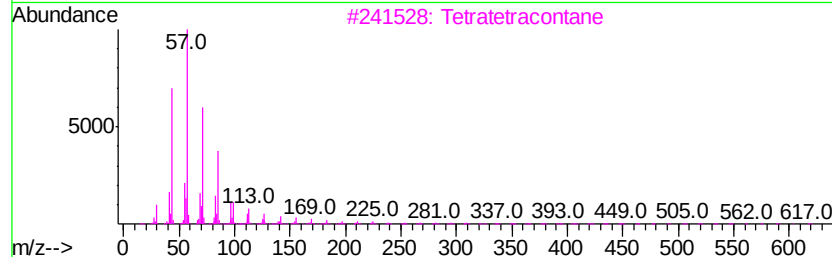
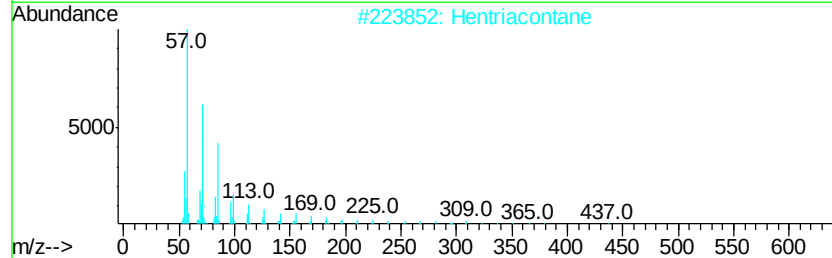
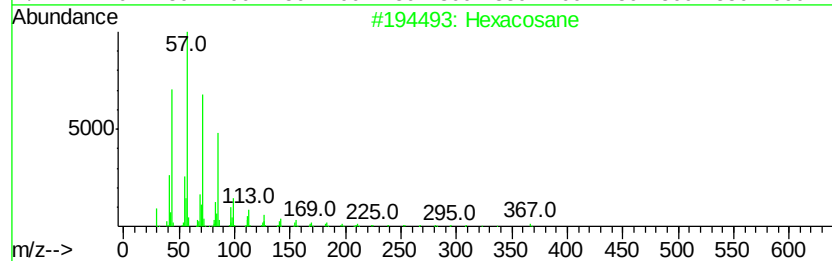
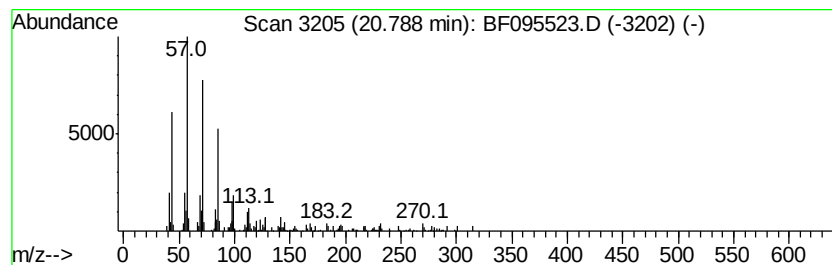
Instrument :
BNA_F
ClientSampleId :
DUP-1

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 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.79	4.40 ng	111138	Perylene-d12	20.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052717\
 Data File : BF095523.D
 Acq On : 28 May 2017 5:19
 Operator : SJ/MA
 Sample : I3281-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

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-Butenoic acid, ...	2.22	37.3	ng	952779	1	7.74	511508	20.0
Acetic acid, 1,1-...	5.08	6.8	ng	174902	1	7.74	511508	20.0
unknown7.40	7.40	74.5	ng	1906590	1	7.74	511508	20.0
Propanoic acid, 2...	13.37	154.1	ng	6472500	3	12.59	840102	20.0
unknown13.78	13.78	3.7	ng	154785	3	12.59	840102	20.0
3-Methyl-4-(metho...	14.22	5.5	ng	186538	4	14.99	672353	20.0
Tridecane, 1-iodo-	15.58	3.9	ng	130040	4	14.99	672353	20.0
Anthracene, 1-met...	15.82	5.4	ng	182855	4	14.99	672353	20.0
Phenanthrene, 3,6...	16.57	6.6	ng	222140	4	14.99	672353	20.0
Phenanthrene, 2,7...	16.62	4.2	ng	139417	4	14.99	672353	20.0
Anthracene, 1,4-d...	16.69	3.6	ng	121934	4	14.99	672353	20.0
Butyl citrate	17.43	9.2	ng	472068	5	18.67	1025120	20.0
Pyrene, 1-methyl-	17.69	6.2	ng	315706	5	18.67	1025120	20.0
Hexadecane	19.34	3.8	ng	193932	5	18.67	1025120	20.0
Octadecane	20.06	6.6	ng	165744	6	20.35	505451	20.0
Benzo[e]pyrene	20.24	7.8	ng	197739	6	20.35	505451	20.0
Nonadecane	20.41	6.2	ng	157013	6	20.35	505451	20.0
Hexacosane	20.79	4.4	ng	111138	6	20.35	505451	20.0