

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095540.D
 Acq On : 30 May 2017 17:44
 Operator : SJ/MA
 Sample : I3281-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-4-SS2

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	2.213	42	47	71	rBV	568779	1042647	14.98%	1.799%
2	5.084	530	535	550	rBV	79203	237516	3.41%	0.410%
3	5.701	636	640	673	rBV	729778	2010242	28.89%	3.469%
4	7.284	905	909	925	rBV	719459	1765701	25.38%	3.047%
5	7.401	925	929	938	rVV	1310091	2375137	34.13%	4.099%
6	7.472	938	941	947	rVV	61183	105033	1.51%	0.181%
7	7.737	982	986	996	rBV	406053	528331	7.59%	0.912%
8	7.972	1021	1026	1041	rVB	1292863	1657687	23.82%	2.861%
9	8.642	1136	1140	1155	rBV	604623	1190850	17.11%	2.055%
10	9.760	1325	1330	1334	rBV	448778	627054	9.01%	1.082%
11	9.789	1334	1335	1341	rVB	105042	135369	1.95%	0.234%
12	10.925	1521	1528	1539	rBV	110336	181998	2.62%	0.314%
13	11.078	1547	1554	1558	rBV	107273	162892	2.34%	0.281%
14	11.525	1625	1630	1647	rBV	1586538	2366504	34.01%	4.084%
15	11.960	1697	1704	1709	rBV3	46464	110340	1.59%	0.190%
16	12.060	1716	1721	1726	rBV2	100338	161315	2.32%	0.278%
17	12.107	1726	1729	1740	rVB	73323	122894	1.77%	0.212%
18	12.225	1745	1749	1754	rBV	308284	482621	6.94%	0.833%
19	12.366	1768	1773	1783	rBV2	86599	161979	2.33%	0.280%
20	12.589	1806	1811	1816	rBV2	554923	835020	12.00%	1.441%
21	12.642	1816	1820	1827	rVB	293907	426735	6.13%	0.736%
22	12.936	1866	1870	1879	rBV2	164178	313610	4.51%	0.541%
23	13.130	1898	1903	1909	rVB2	56950	89128	1.28%	0.154%
24	13.366	1935	1943	1946	rVV	4580262	6958279	100.00%	12.008%
25	13.419	1949	1952	1957	rVB2	90818	103134	1.48%	0.178%
26	13.489	1957	1964	1972	rVB	275228	421467	6.06%	0.727%
27	13.760	2006	2010	2018	rVB2	105069	183601	2.64%	0.317%
28	13.889	2026	2032	2041	rBV	690764	1202321	17.28%	2.075%
29	13.960	2041	2044	2052	rVB2	56879	91481	1.31%	0.158%
30	14.189	2079	2083	2085	rBV	87451	106266	1.53%	0.183%
31	14.219	2085	2088	2093	rVB2	119103	167518	2.41%	0.289%
32	14.389	2110	2117	2122	rBV3	79064	151883	2.18%	0.262%
33	14.613	2150	2155	2158	rBV2	77982	117501	1.69%	0.203%
34	14.718	2170	2173	2179	rBV	82460	125390	1.80%	0.216%

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

35	14.783	2179	2184	2188	rVV3	63068	111701	1.61%	0.193%
36	14.824	2188	2191	2195	rVB	112133	136935	1.97%	0.236%
37	14.918	2203	2207	2212	rBV	71856	91468	1.31%	0.158%
38	14.989	2213	2219	2222	rVV	457134	588010	8.45%	1.015%
39	15.036	2222	2227	2235	rVV	2019521	2689469	38.65%	4.641%
40	15.113	2235	2240	2250	rVB	492265	711153	10.22%	1.227%
41	15.207	2251	2256	2261	rBV3	71647	119137	1.71%	0.206%
42	15.407	2287	2290	2299	rVV	136561	262453	3.77%	0.453%
43	15.513	2304	2308	2314	rVV3	56141	103896	1.49%	0.179%
44	15.583	2314	2320	2326	rVB2	86971	128297	1.84%	0.221%
45	15.771	2348	2352	2356	rVV	340019	382879	5.50%	0.661%
46	15.818	2356	2360	2365	rVV	379015	467943	6.72%	0.808%
47	15.889	2368	2372	2375	rVV	146019	157176	2.26%	0.271%
48	15.924	2375	2378	2381	rVV2	373330	483314	6.95%	0.834%
49	15.960	2381	2384	2390	rVB2	265518	468720	6.74%	0.809%
50	16.177	2418	2421	2424	rBV2	89955	99929	1.44%	0.172%
51	16.212	2424	2427	2435	rVV	214553	290851	4.18%	0.502%
52	16.277	2435	2438	2442	rVV2	154571	203128	2.92%	0.351%
53	16.424	2459	2463	2467	rBV2	74727	110030	1.58%	0.190%
54	16.471	2467	2471	2475	rBV	78405	104729	1.51%	0.181%
55	16.571	2484	2488	2491	rBV	211383	267786	3.85%	0.462%
56	16.612	2491	2495	2499	rVV2	105864	152170	2.19%	0.263%
57	16.695	2504	2509	2512	rBV3	164800	264153	3.80%	0.456%
58	16.724	2512	2514	2518	rVB2	105150	95277	1.37%	0.164%
59	16.783	2518	2524	2528	rBV	2113163	2651142	38.10%	4.575%
60	16.871	2535	2539	2541	rBV2	70691	102871	1.48%	0.178%
61	17.042	2565	2568	2570	rBV2	89654	94985	1.37%	0.164%
62	17.083	2570	2575	2579	rVV	2225968	2909906	41.82%	5.022%
63	17.165	2583	2589	2592	rVB2	65150	107298	1.54%	0.185%
64	17.265	2603	2606	2609	rBV	142902	151826	2.18%	0.262%
65	17.312	2609	2614	2622	rVB	1440033	1817343	26.12%	3.136%
66	17.401	2622	2629	2632	rBV3	156752	320111	4.60%	0.552%
67	17.430	2632	2634	2641	rVB2	361606	391213	5.62%	0.675%
68	17.507	2643	2647	2650	rBV2	141017	218100	3.13%	0.376%
69	17.542	2650	2653	2658	rVB	267710	319814	4.60%	0.552%
70	17.630	2664	2668	2671	rVB	170004	194590	2.80%	0.336%
71	17.689	2672	2678	2686	rBV3	537121	1071976	15.41%	1.850%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	17.795	2693	2696	2699	rVB	141480	152893	2.20%	0.264%
73	17.836	2699	2703	2707	rBV	130619	172132	2.47%	0.297%
74	17.971	2723	2726	2730	rVB2	147517	161677	2.32%	0.279%
75	18.065	2738	2742	2745	rBV	176822	200418	2.88%	0.346%
76	18.230	2766	2770	2774	rVB	188325	196048	2.82%	0.338%
77	18.348	2786	2790	2792	rBV	137524	173040	2.49%	0.299%
78	18.377	2792	2795	2798	rVV	271694	299105	4.30%	0.516%
79	18.412	2798	2801	2804	rVV	154744	192647	2.77%	0.332%
80	18.448	2804	2807	2811	rVB3	134862	155171	2.23%	0.268%
81	18.506	2814	2817	2821	rBV	183918	206504	2.97%	0.356%
82	18.559	2824	2826	2831	rVB2	86222	110910	1.59%	0.191%
83	18.665	2838	2844	2848	rBV2	1332758	2229580	32.04%	3.848%
84	18.706	2848	2851	2862	rVB	1322436	1583281	22.75%	2.732%
85	18.801	2863	2867	2870	rVB	183445	217398	3.12%	0.375%
86	18.953	2890	2893	2897	rVV2	161214	186010	2.67%	0.321%
87	18.995	2897	2900	2905	rVB	106496	144911	2.08%	0.250%
88	19.177	2928	2931	2934	rVB	229861	224668	3.23%	0.388%
89	19.218	2935	2938	2941	rVB	127221	149222	2.14%	0.258%
90	19.271	2943	2947	2949	rBV4	82006	138747	1.99%	0.239%
91	19.330	2954	2957	2959	rBV3	102762	134799	1.94%	0.233%
92	19.783	3031	3034	3038	rBV2	123899	148559	2.13%	0.256%
93	19.948	3057	3062	3064	rBV	1091546	1528945	21.97%	2.638%
94	20.053	3077	3080	3091	rVB2	231490	387177	5.56%	0.668%
95	20.236	3107	3111	3115	rBV	621680	689103	9.90%	1.189%
96	20.295	3117	3121	3127	rVB	851658	985480	14.16%	1.701%
97	20.348	3127	3130	3133	rBV	359730	410429	5.90%	0.708%
98	20.383	3133	3136	3138	rVB	152970	161147	2.32%	0.278%
99	21.683	3352	3357	3365	rVB	309809	567705	8.16%	0.980%
100	22.071	3418	3423	3431	rVB	241213	478919	6.88%	0.826%

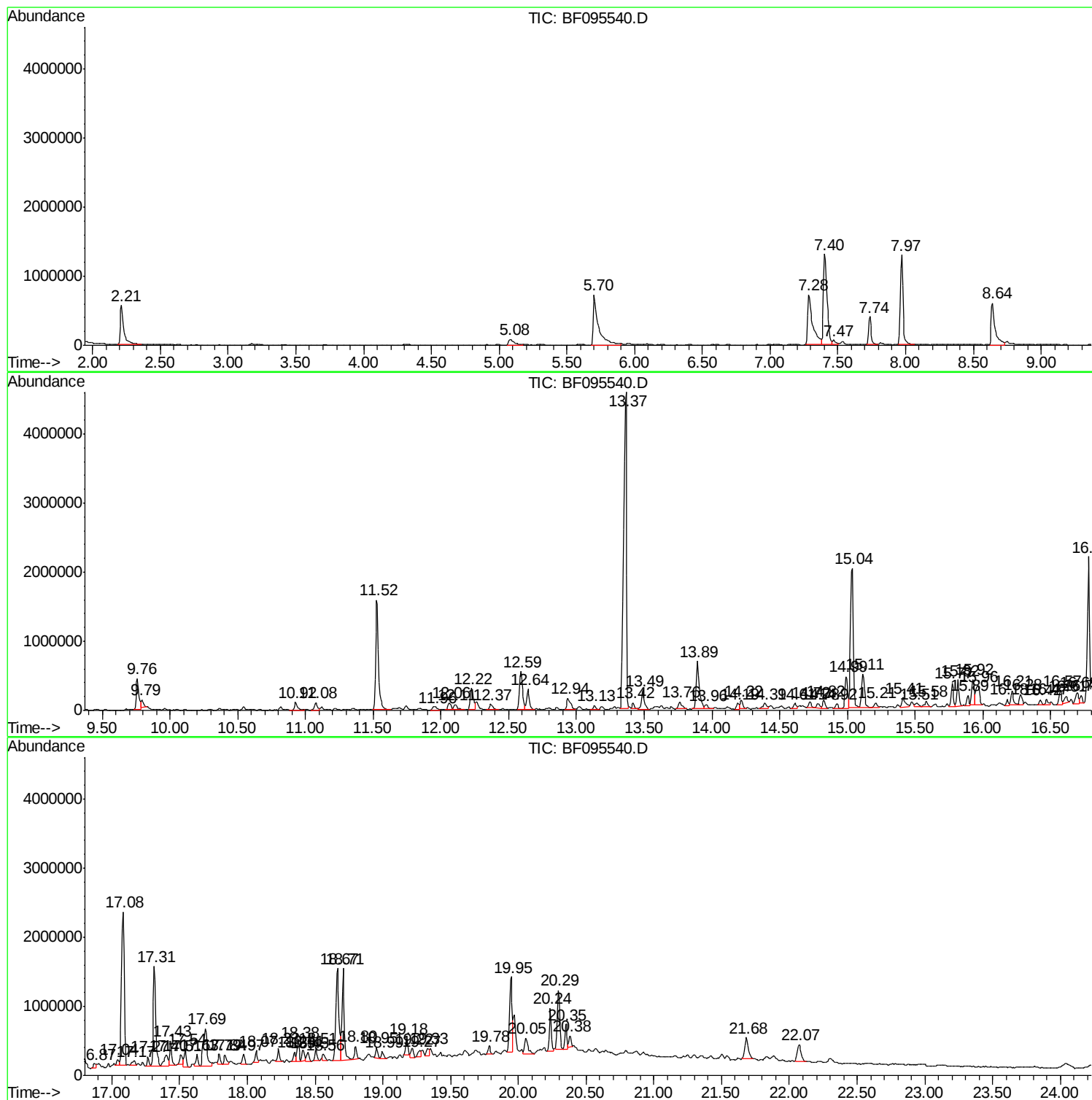
Sum of corrected areas: 57947848

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Instrument :
BNA_F
ClientSampled :
R1-TP-4-SS2

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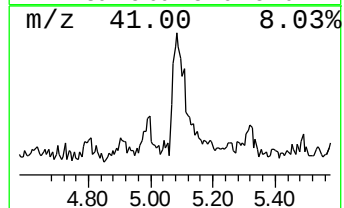
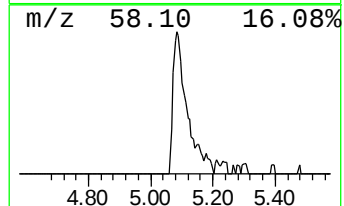
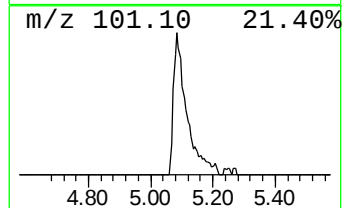
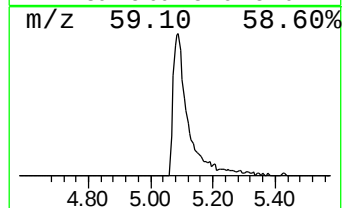
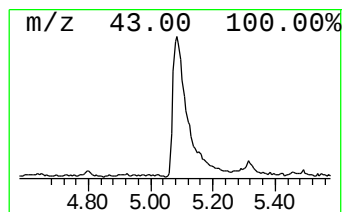
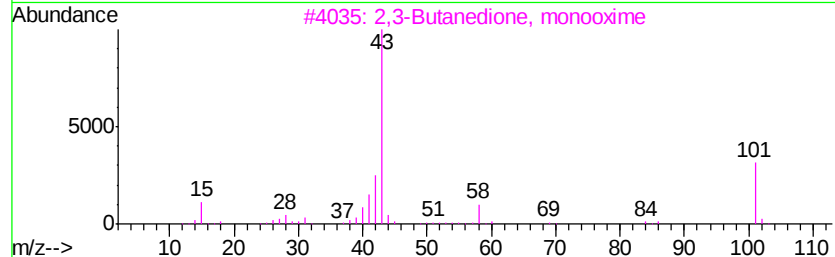
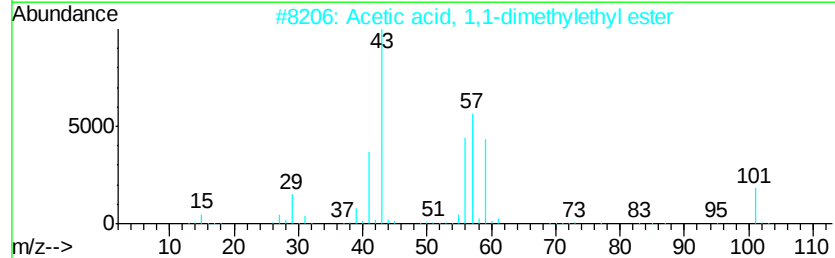
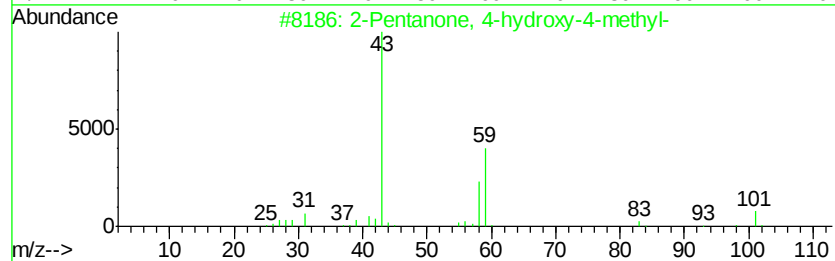
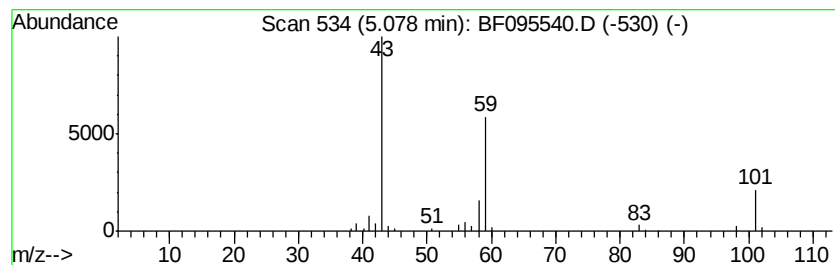
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	8.99 ng	237516	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4		3-Hexanol	102	C6H14O	000623-37-0	33
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25



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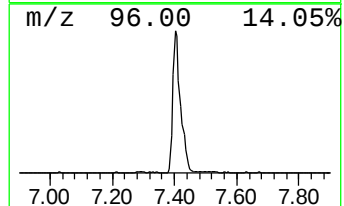
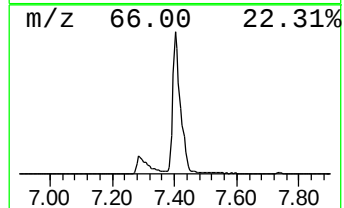
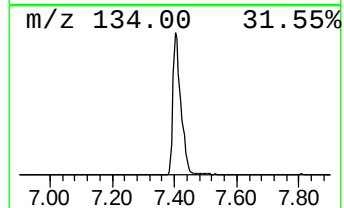
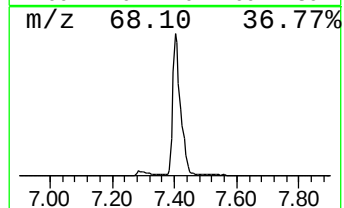
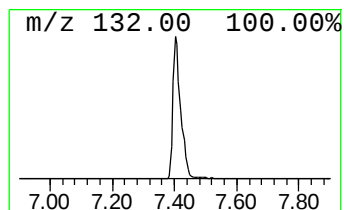
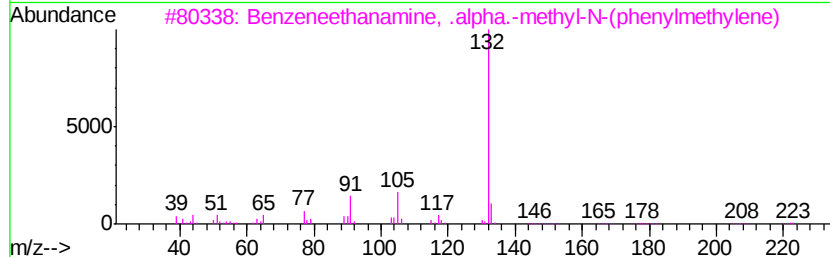
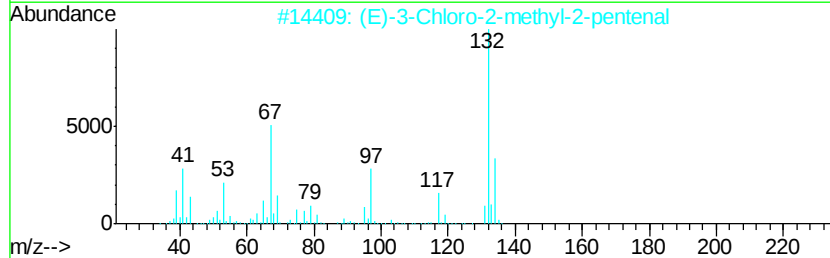
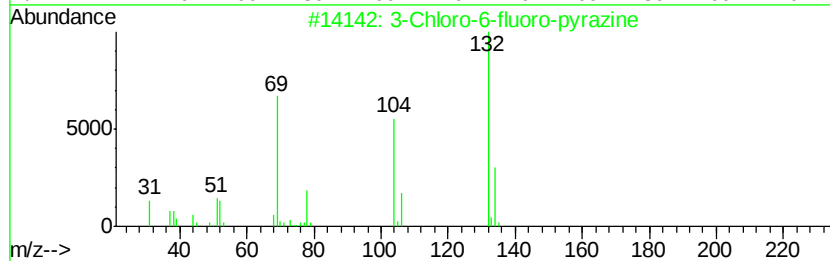
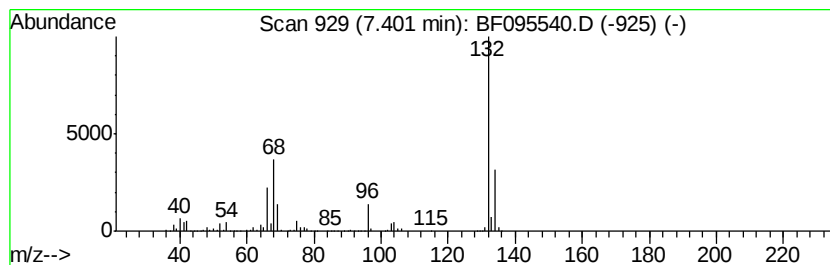
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	89.91 ng	2375140	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	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Amphetaminil	250	C17H18N2	017590-01-1	12



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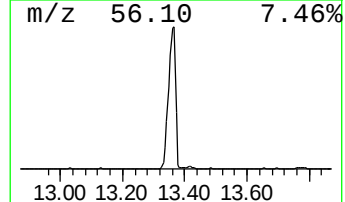
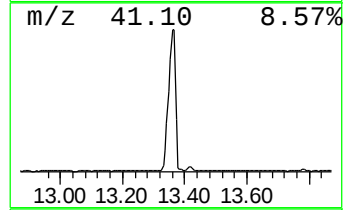
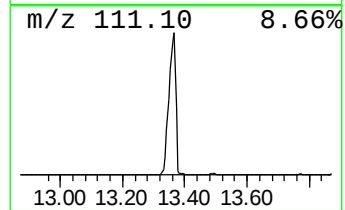
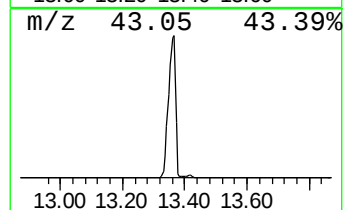
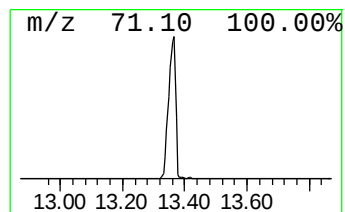
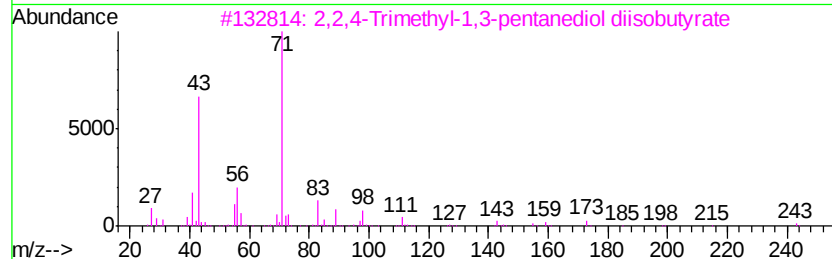
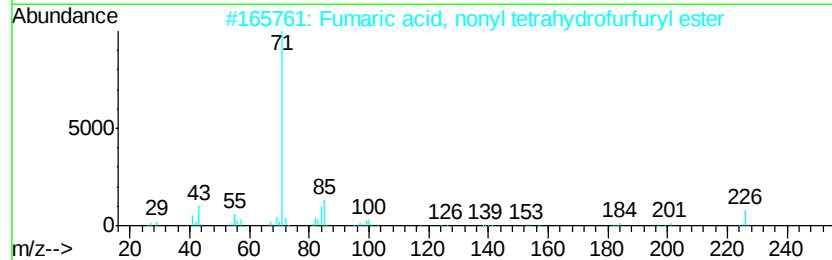
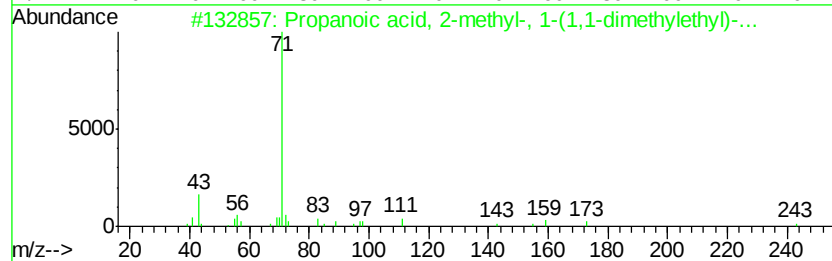
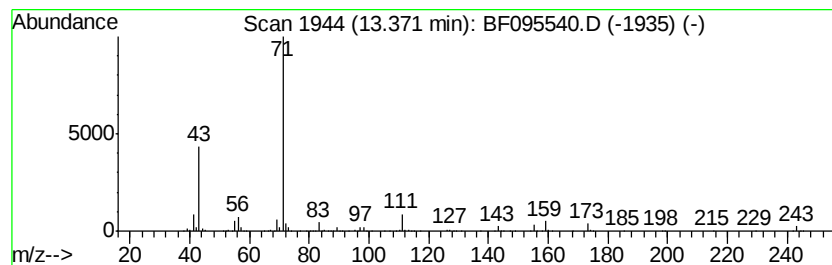
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	166.66 ng	6958280	Acenaphthene-d10	12.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	83
2		Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	59
3		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	56
4		4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	45
5		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
Sample : I3281-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

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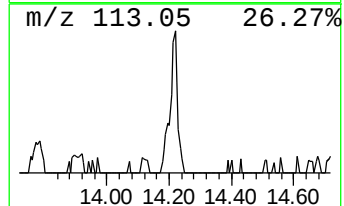
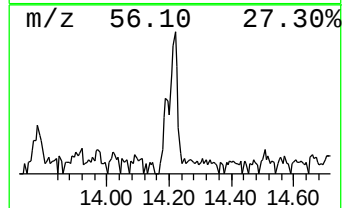
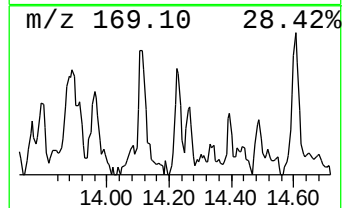
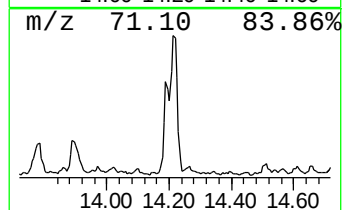
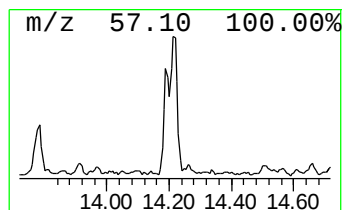
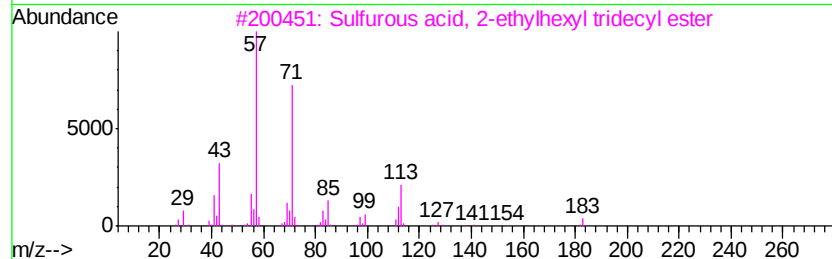
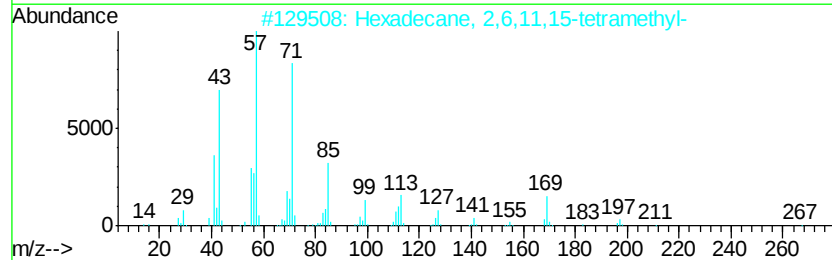
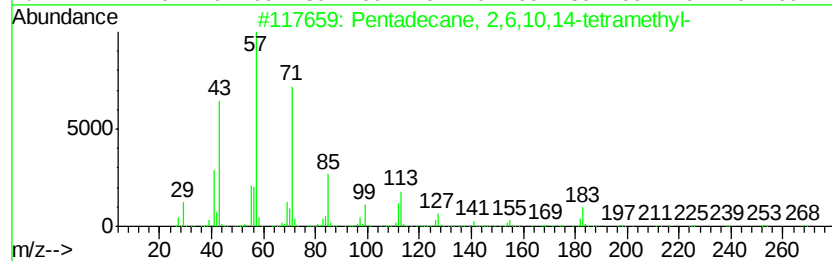
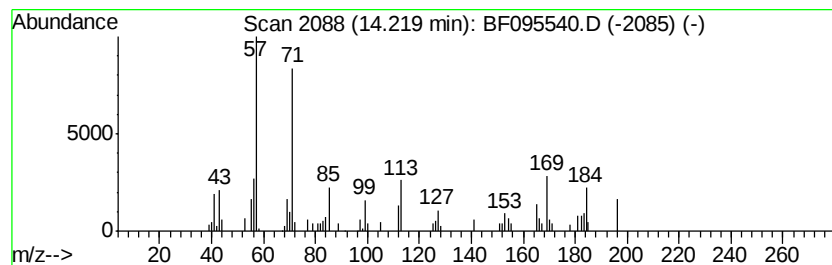
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	5.70 ng	167518	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49
3		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38



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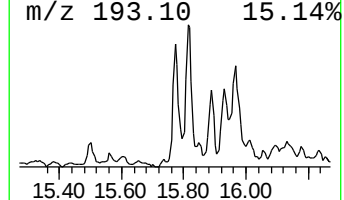
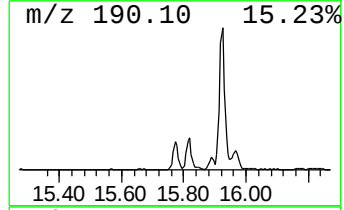
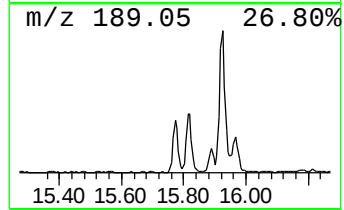
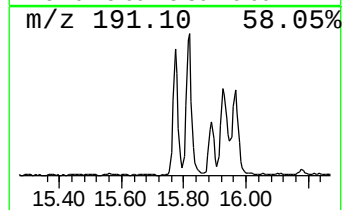
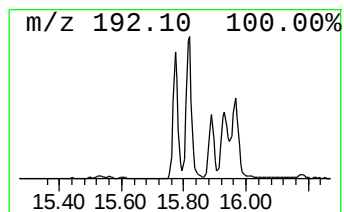
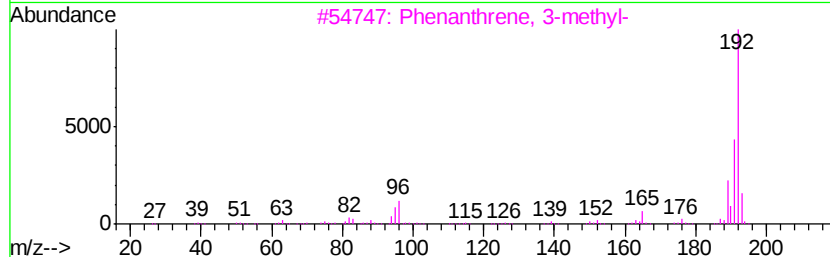
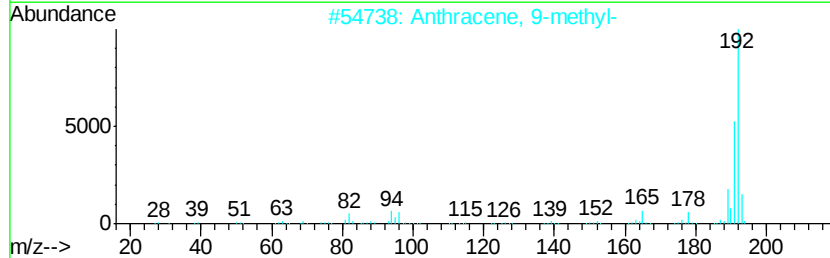
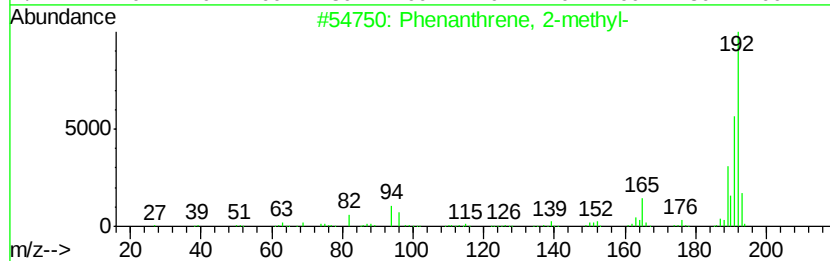
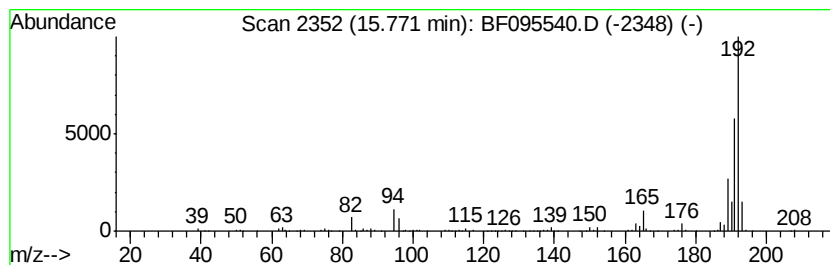
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	13.02 ng	382879	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



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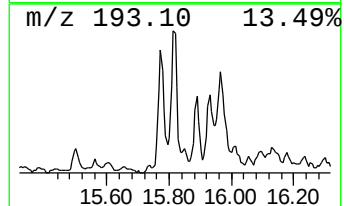
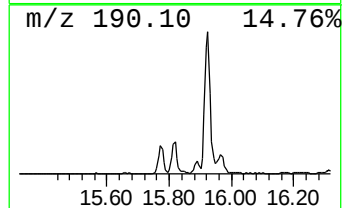
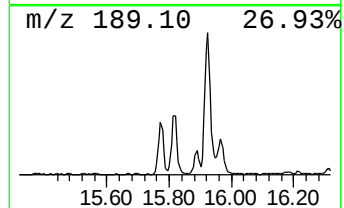
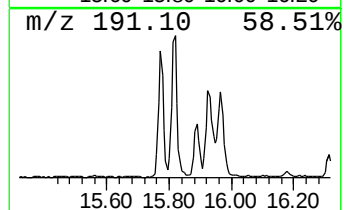
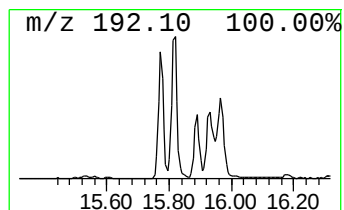
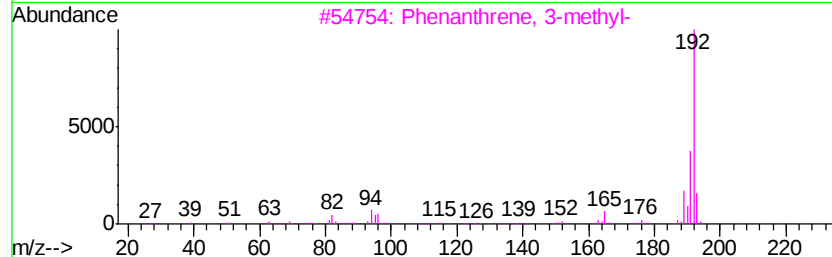
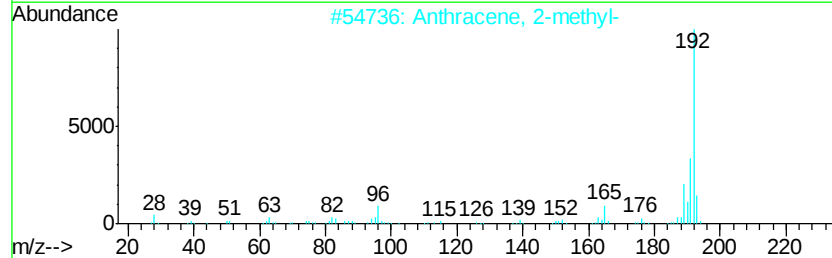
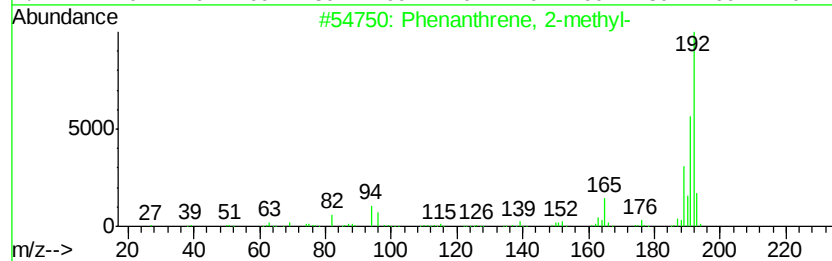
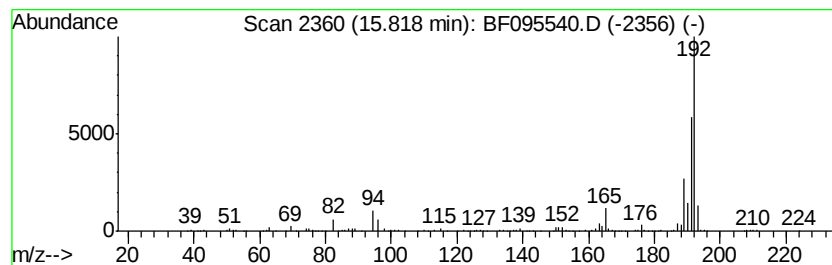
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	15.92 ng	467943	Phenanthrene-d10	14.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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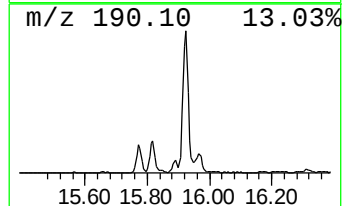
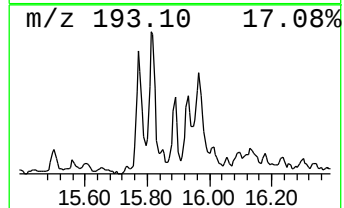
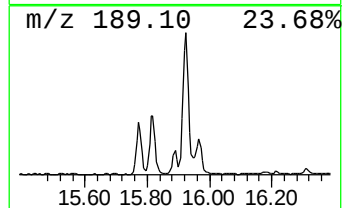
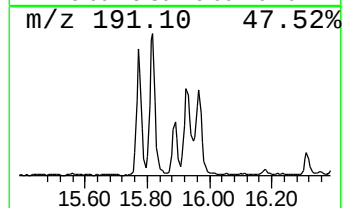
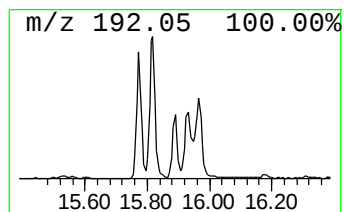
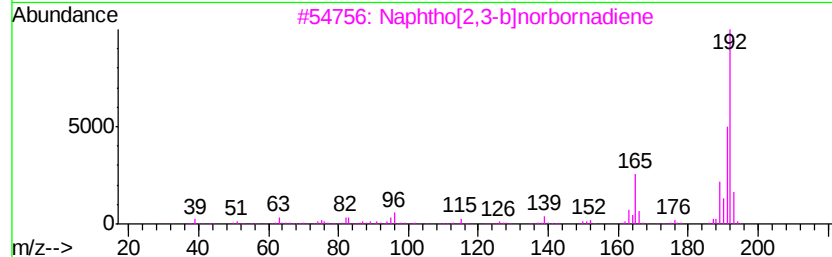
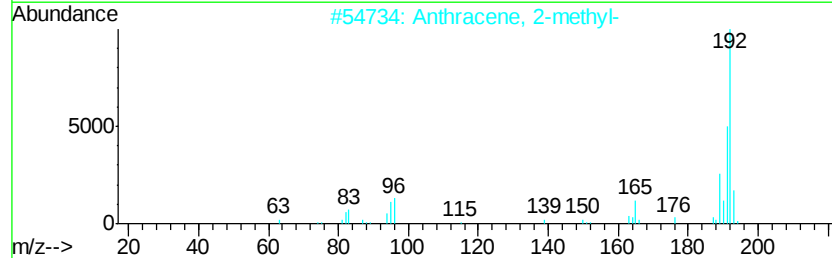
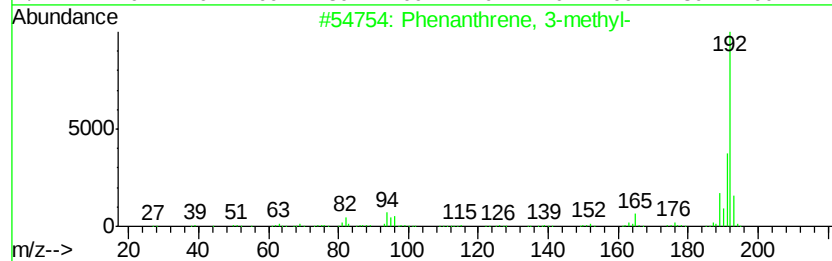
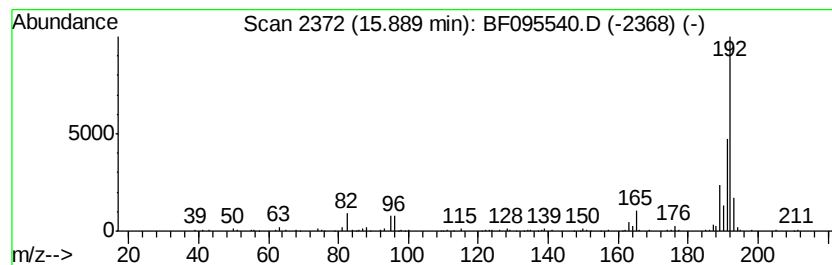
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.35 ng	157176	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Acq On : 30 May 2017 17:44
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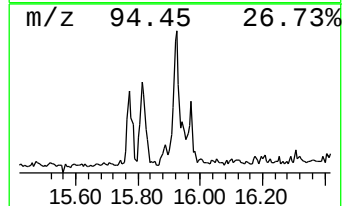
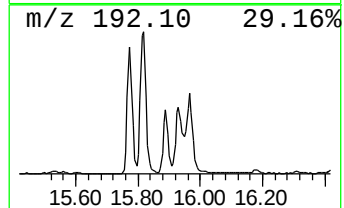
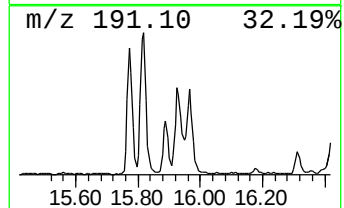
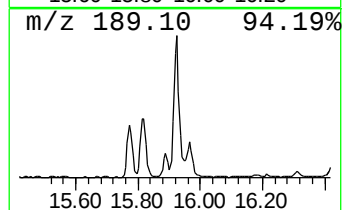
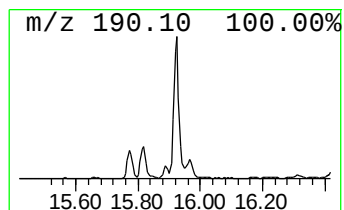
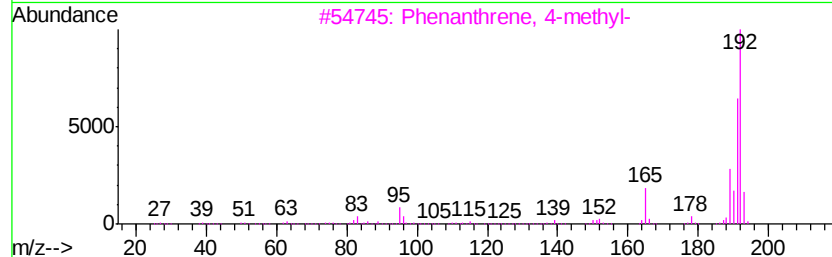
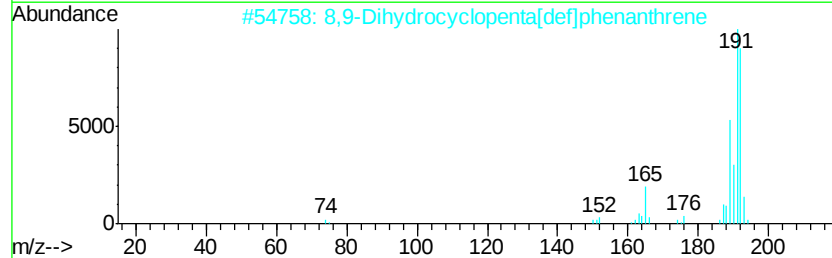
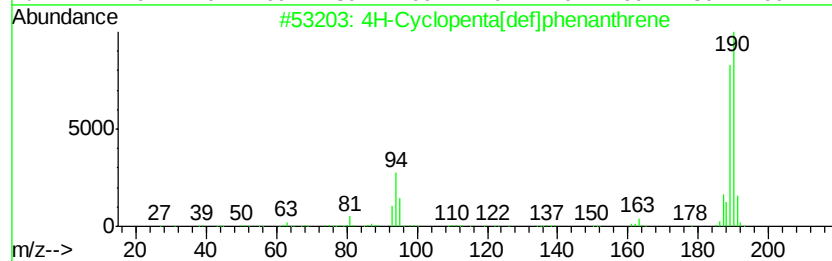
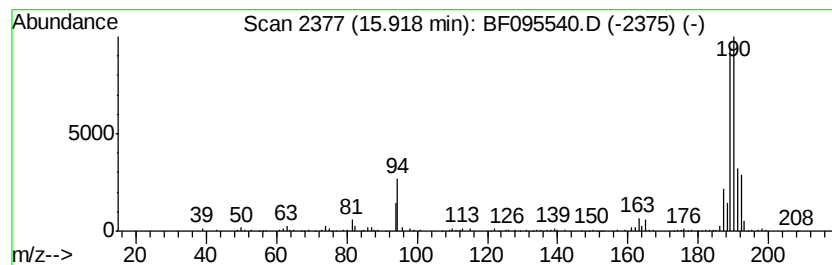
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	16.44 ng	483314	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5			2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



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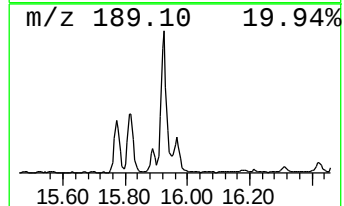
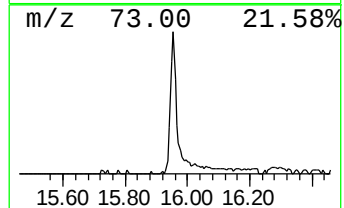
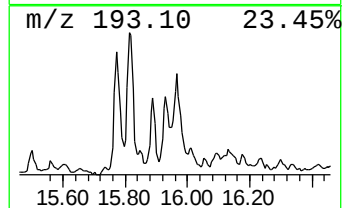
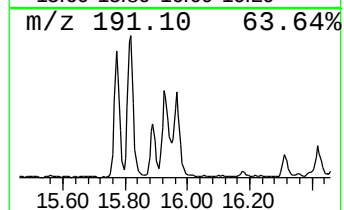
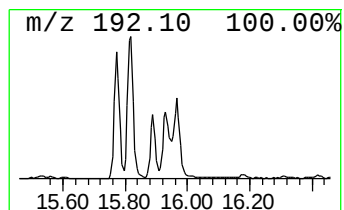
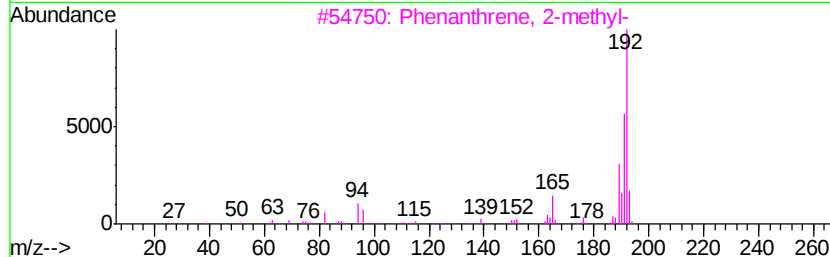
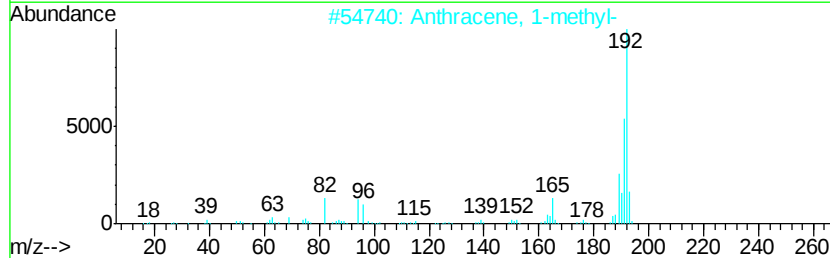
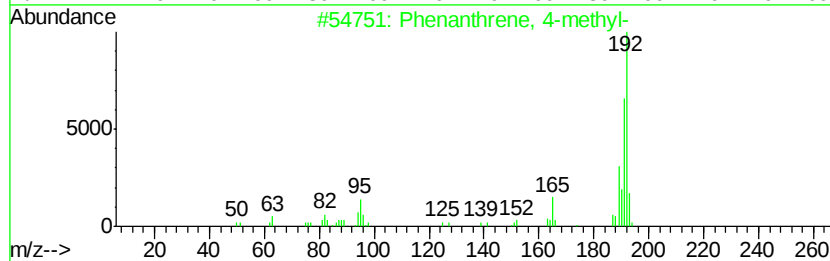
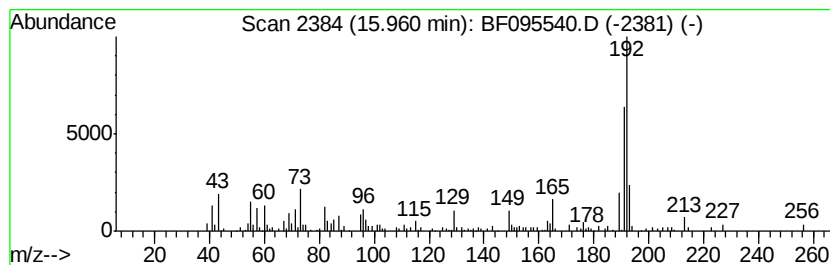
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	15.94 ng	468720	Phenanthrene-d10	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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ALS Vial : 11 Sample Multiplier: 1

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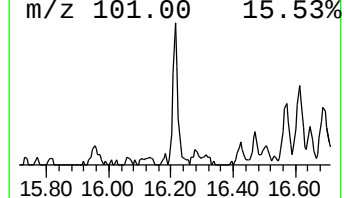
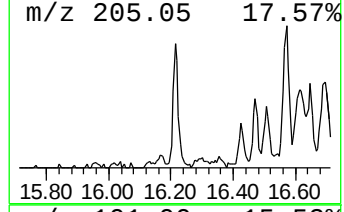
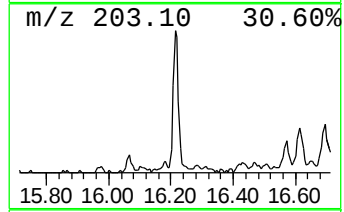
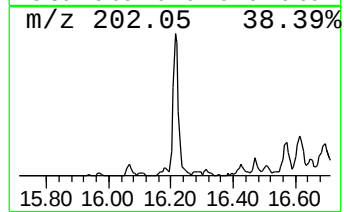
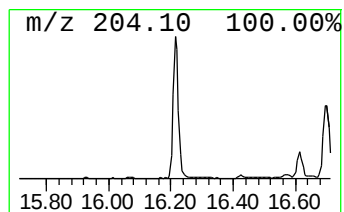
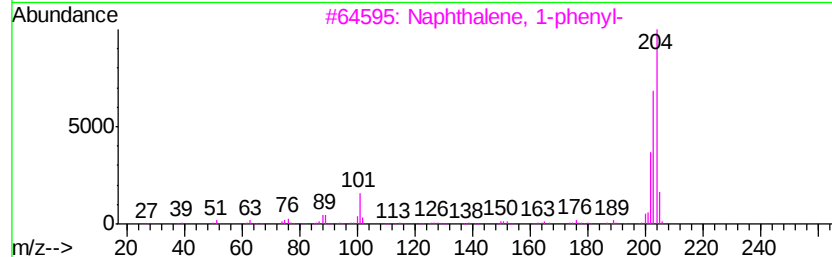
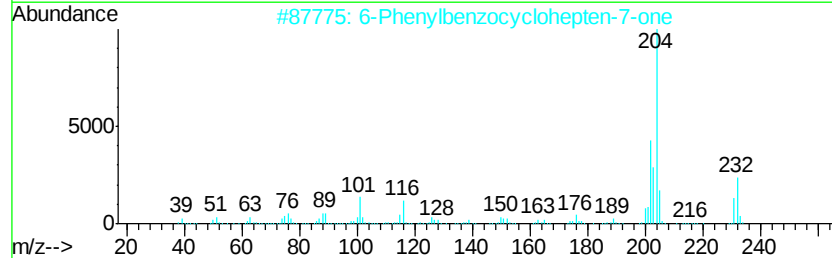
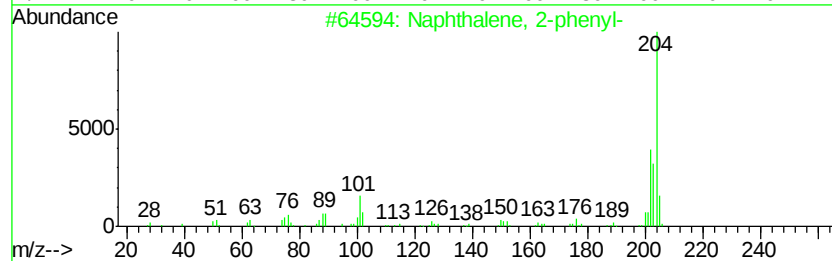
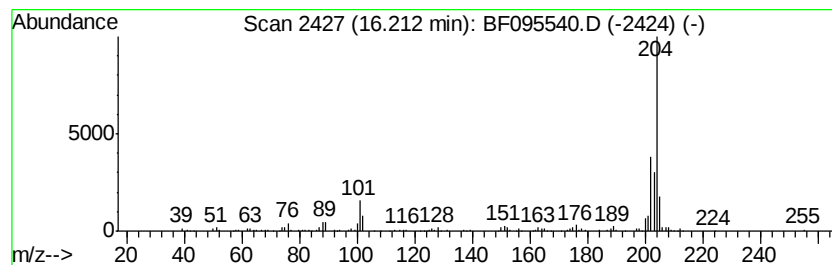
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	9.89 ng	290851	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	97
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
Sample : I3281-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP-4-SS2

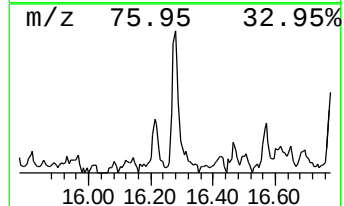
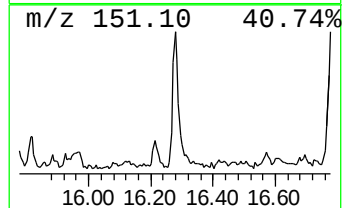
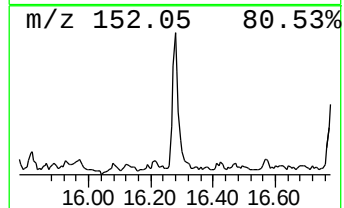
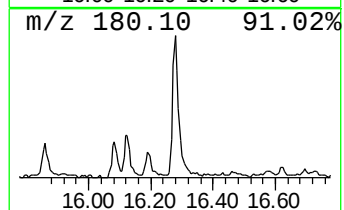
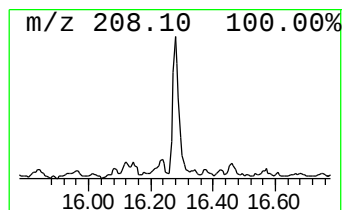
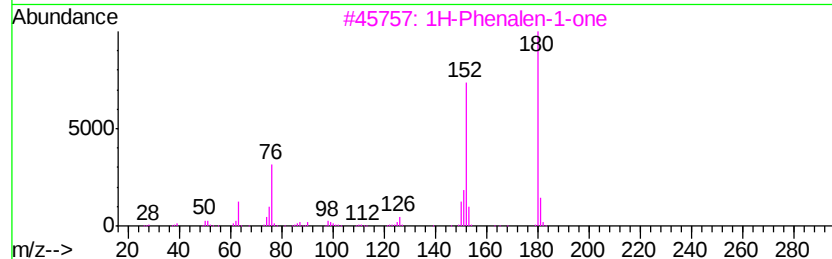
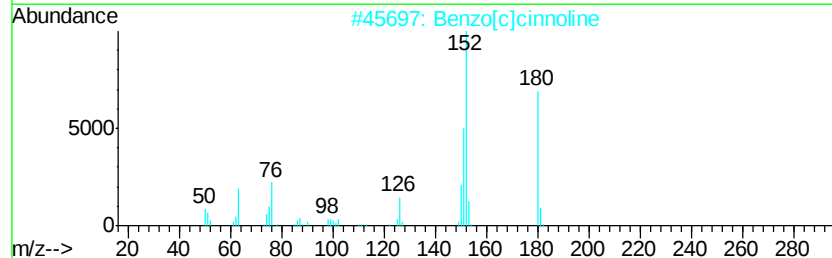
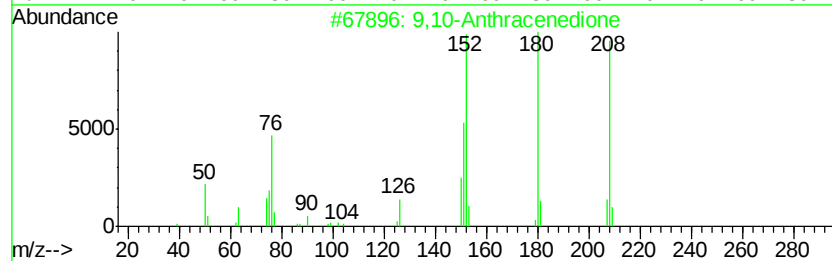
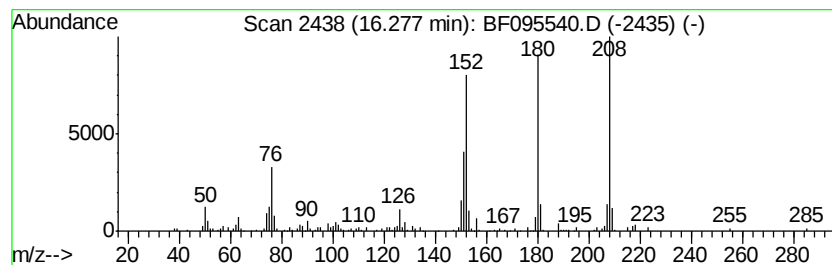
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	6.91 ng	203128	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
Sample : I3281-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP-4-SS2

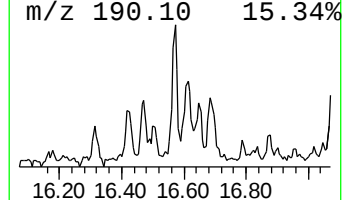
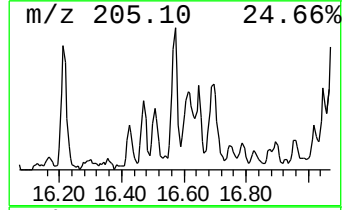
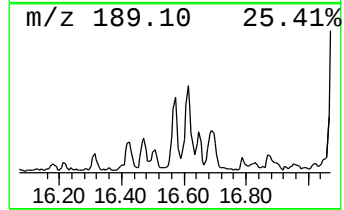
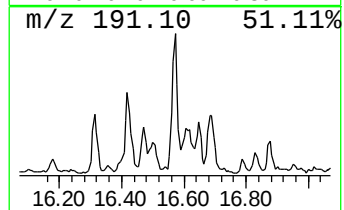
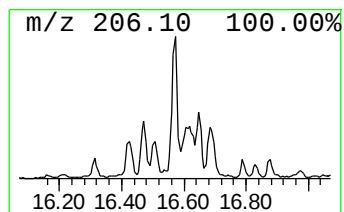
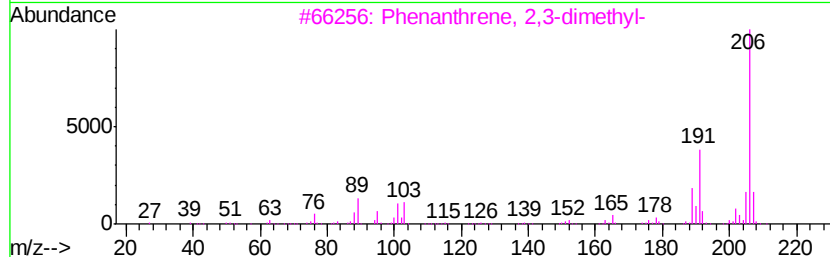
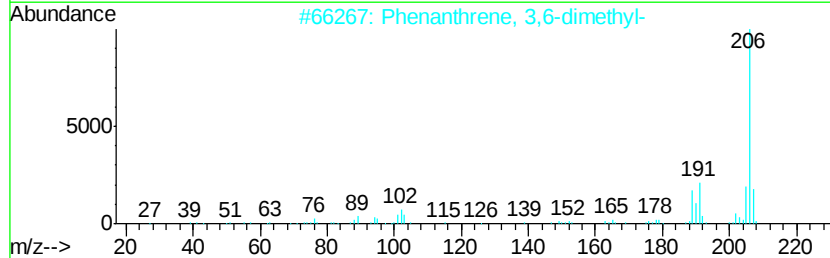
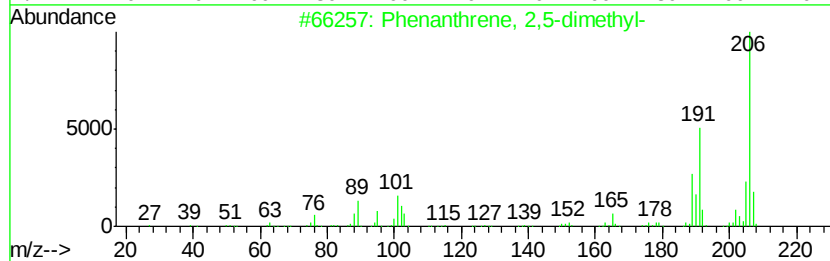
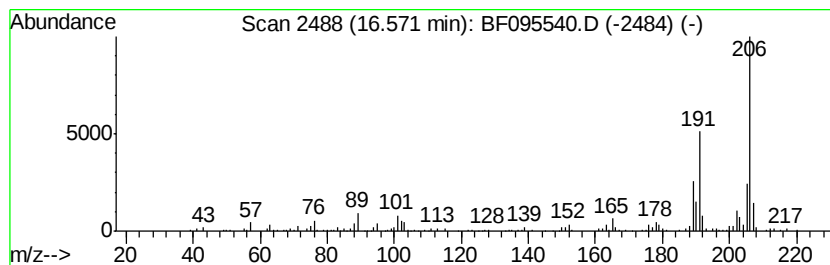
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	9.11 ng	267786	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
Sample : I3281-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

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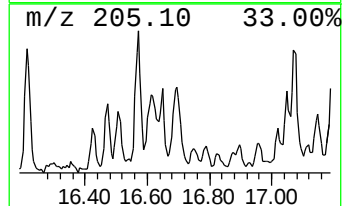
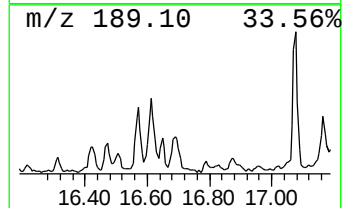
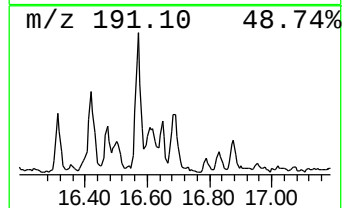
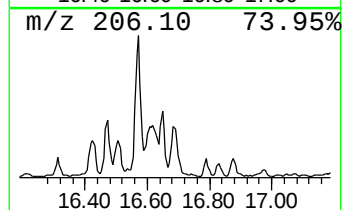
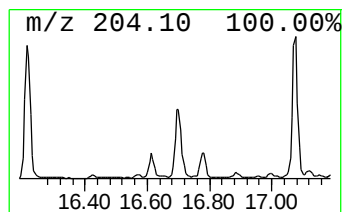
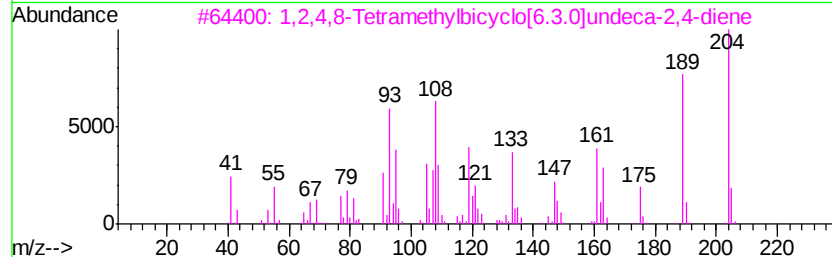
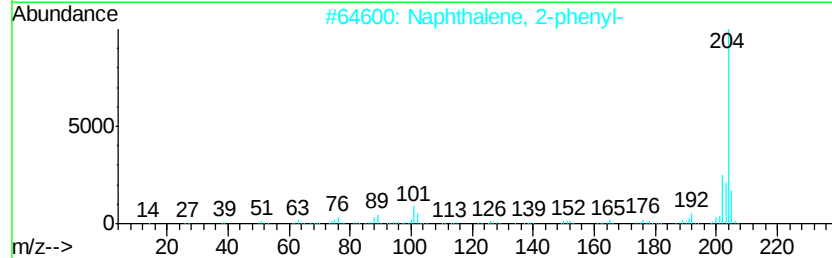
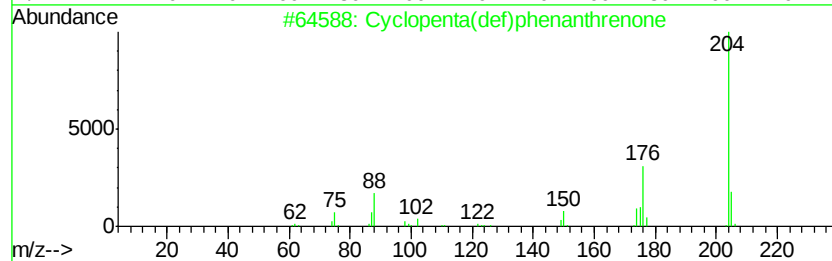
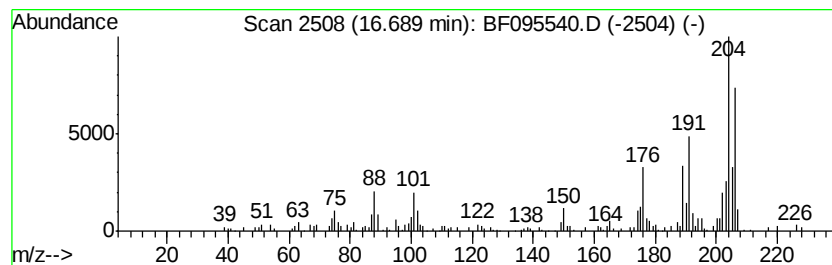
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	8.98 ng	264153	Phenanthrene-d10	14.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP-4-SS2

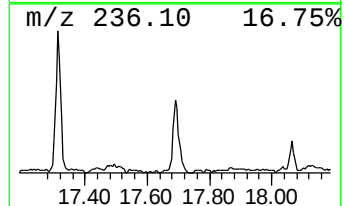
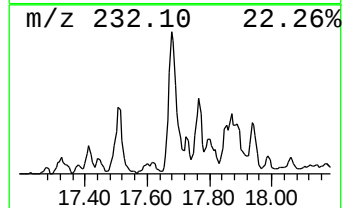
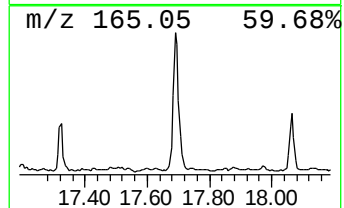
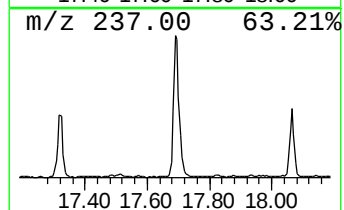
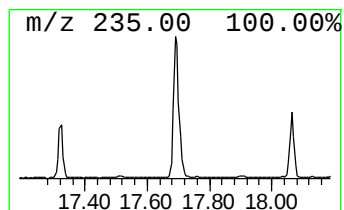
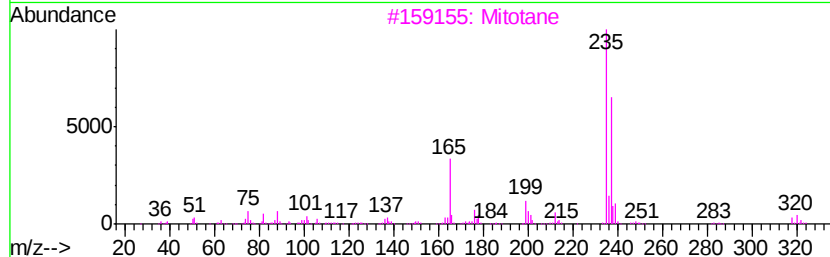
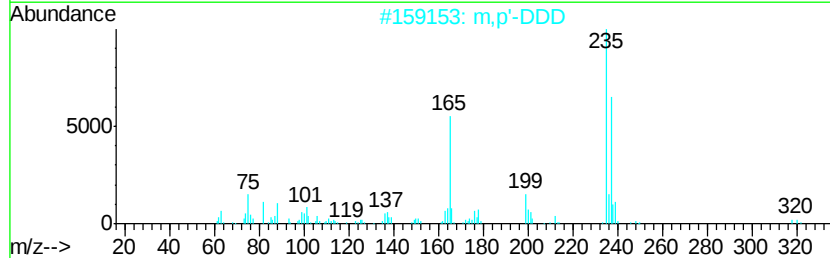
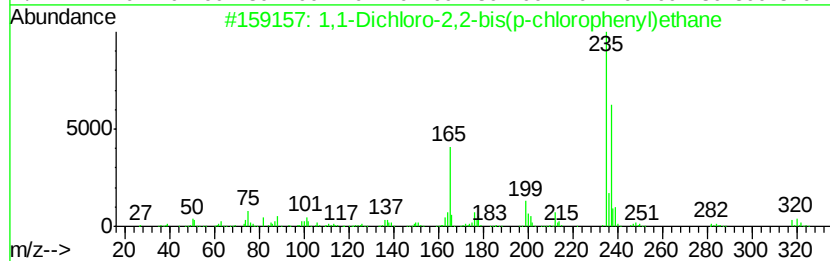
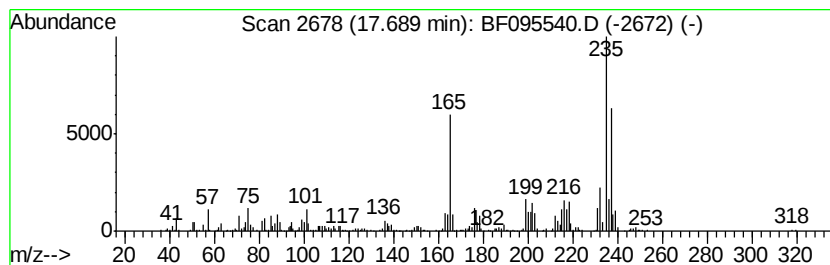
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	9.62 ng	1071980	Chrysene-d12	18.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	99
2			m,p'-DDD	318	C14H10Cl4	004329-12-8	99
3			Mitotane	318	C14H10Cl4	000053-19-0	98
4			3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	86
5			2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
Sample : I3281-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R1-TP-4-SS2

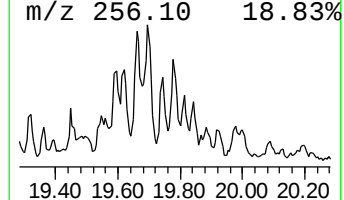
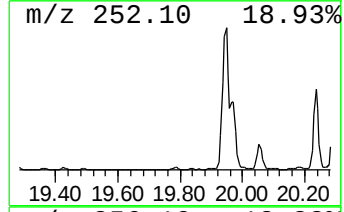
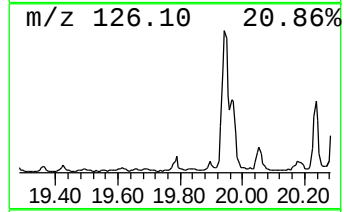
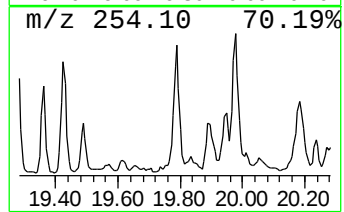
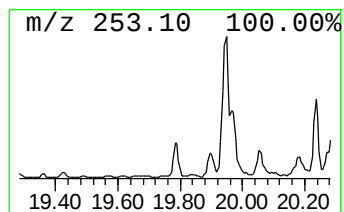
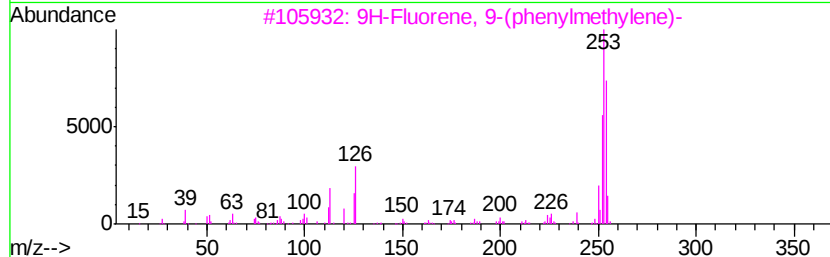
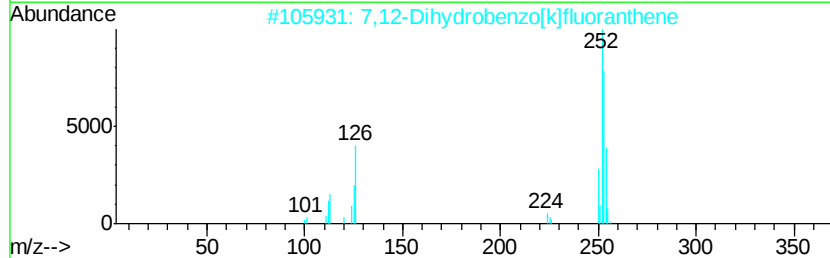
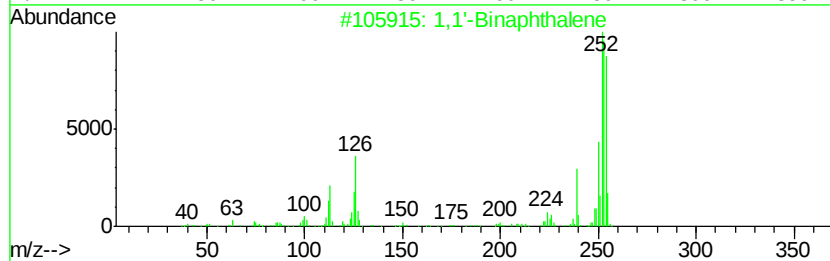
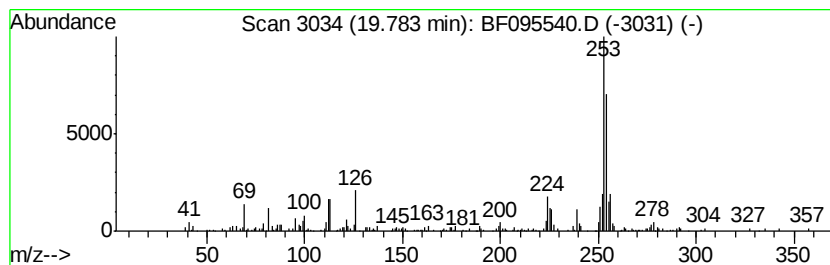
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Binaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	7.24 ng	148559	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	81
2		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	72
3		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	62
4		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	62
5		1H-Indene, 1,1'-(1,2-ethanediyl)	254	C20H14	072088-04-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095540.D
Acq On : 30 May 2017 17:44
Operator : SJ/MA
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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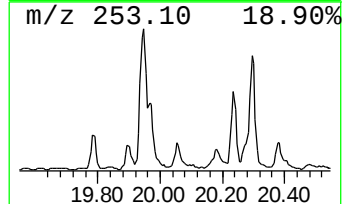
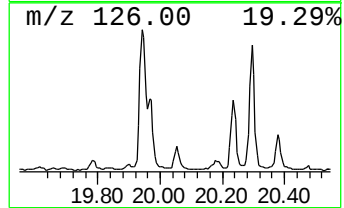
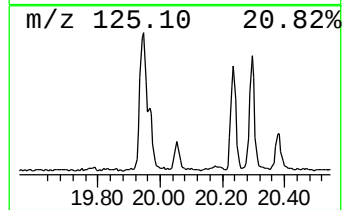
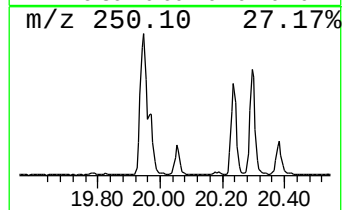
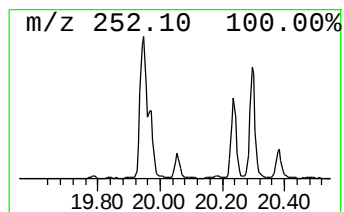
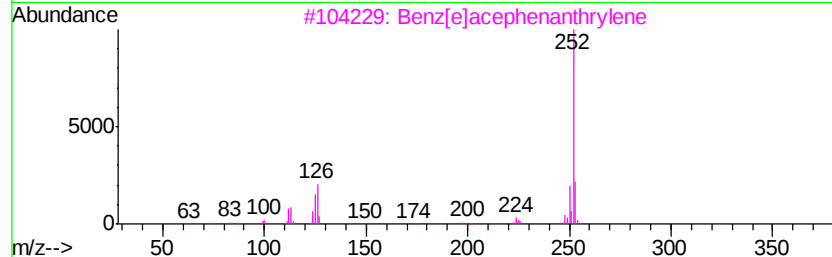
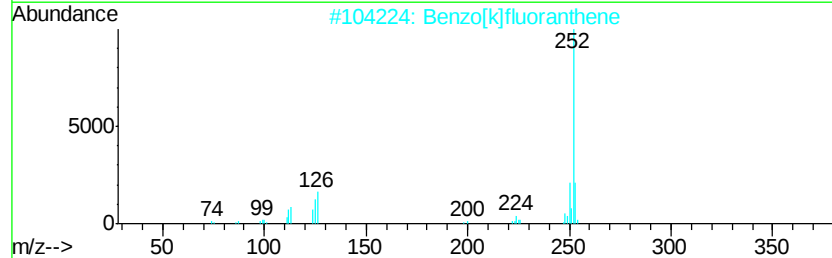
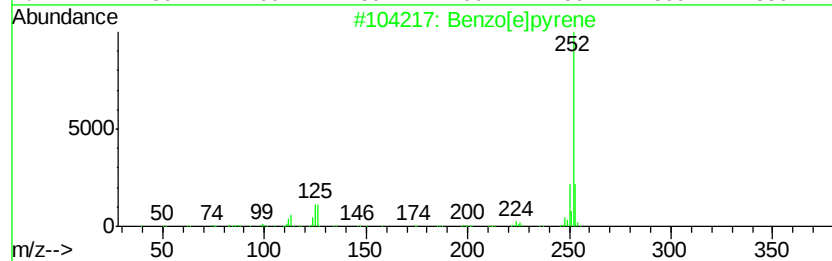
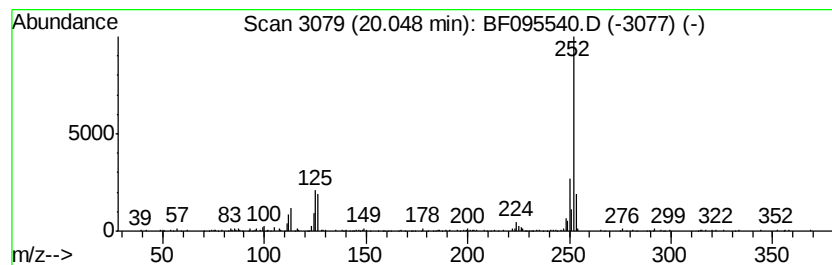
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	18.87 ng	387177	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095540.D
 Acq On : 30 May 2017 17:44
 Operator : SJ/MA
 Sample : I3281-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-4-SS2

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...	5.08	9.0	ng	237516	1	7.74	528331	20.0
unknown7.40	7.40	89.9	ng	2375140	1	7.74	528331	20.0
Propanoic acid, 2...	13.37	166.7	ng	6958280	3	12.59	835020	20.0
unknown14.22	14.22	5.7	ng	167518	4	14.99	588010	20.0
Phenanthrene, 2-m...	15.77	13.0	ng	382879	4	14.99	588010	20.0
Anthracene, 2-met...	15.82	15.9	ng	467943	4	14.99	588010	20.0
Phenanthrene, 3-m...	15.89	5.3	ng	157176	4	14.99	588010	20.0
4H-Cyclopenta[def...	15.92	16.4	ng	483314	4	14.99	588010	20.0
Phenanthrene, 4-m...	15.96	15.9	ng	468720	4	14.99	588010	20.0
Naphthalene, 2-ph...	16.21	9.9	ng	290851	4	14.99	588010	20.0
9,10-Anthracenedione	16.28	6.9	ng	203128	4	14.99	588010	20.0
Phenanthrene, 2,5...	16.57	9.1	ng	267786	4	14.99	588010	20.0
Cyclopenta(def)ph...	16.69	9.0	ng	264153	4	14.99	588010	20.0
1,1-Dichloro-2,2-...	17.69	9.6	ng	1071980	5	18.67	2229580	20.0
1,1'-Binaphthalene	19.78	7.2	ng	148559	6	20.35	410429	20.0
Benzo[e]pyrene	20.05	18.9	ng	387177	6	20.35	410429	20.0