

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017274.D
 Acq On : 23 May 2015 9:40
 Operator : TP/IZ
 Sample : G2289-08 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29D

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_G\METHODS\8270-BG051315.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	2.767	9	13	22	rVB2	25959	48838	5.22%	0.286%
2	2.855	23	28	34	rBV	42184	64461	6.89%	0.378%
3	3.420	119	124	136	rVB4	13638	33303	3.56%	0.195%
4	4.800	352	359	366	rBV	34666	50809	5.43%	0.298%
5	5.282	434	441	452	rBV	280642	441858	47.23%	2.590%
6	6.892	708	715	724	rBV	315678	489375	52.31%	2.869%
7	7.227	765	772	781	rBV	310803	480359	51.35%	2.816%
8	7.679	841	849	854	rBV	155500	244615	26.15%	1.434%
9	7.720	854	856	860	rVB2	23956	24399	2.61%	0.143%
10	8.002	895	904	910	rBV	200367	318681	34.06%	1.868%
11	8.843	1041	1047	1057	rVB	179111	285491	30.52%	1.674%
12	9.013	1072	1076	1081	rVB2	18755	24833	2.65%	0.146%
13	10.470	1314	1324	1329	rBV	202689	339318	36.27%	1.989%
14	10.523	1329	1333	1340	rVB	76645	126419	13.51%	0.741%
15	12.139	1602	1608	1619	rVB	85251	140580	15.03%	0.824%
16	12.362	1638	1646	1655	rBV	88416	139961	14.96%	0.820%
17	12.950	1738	1746	1752	rBV	378050	550162	58.81%	3.225%
18	13.161	1777	1782	1787	rBV4	11989	19171	2.05%	0.112%
19	13.361	1809	1816	1825	rVB	51316	93101	9.95%	0.546%
20	13.490	1833	1838	1845	rBV3	28849	70499	7.54%	0.413%
21	13.649	1859	1865	1870	rBV2	44017	76297	8.16%	0.447%
22	13.707	1870	1875	1884	rVB	47059	71834	7.68%	0.421%
23	13.796	1884	1890	1897	rBV	31924	50550	5.40%	0.296%
24	13.890	1901	1906	1909	rVV2	26193	37034	3.96%	0.217%
25	14.019	1924	1928	1932	rBV	40841	62004	6.63%	0.363%
26	14.054	1932	1934	1940	rVB3	28332	36114	3.86%	0.212%
27	14.336	1972	1982	1987	rVV2	269491	434552	46.45%	2.547%
28	14.395	1987	1992	2000	rVB	98398	152364	16.29%	0.893%
29	14.542	2010	2017	2026	rVB2	31554	75951	8.12%	0.445%
30	14.642	2026	2034	2039	rBV3	17563	38337	4.10%	0.225%
31	14.724	2041	2048	2057	rVV2	63223	125914	13.46%	0.738%
32	14.806	2057	2062	2067	rVB4	15563	26061	2.79%	0.153%
33	14.953	2080	2087	2092	rVB5	11804	25781	2.76%	0.151%
34	15.118	2107	2115	2119	rBV3	44336	79142	8.46%	0.464%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.270	2135	2141	2148	rBV	55058	88447	9.45%	0.518%
36	15.382	2154	2160	2166	rBV3	99482	147246	15.74%	0.863%
37	15.476	2170	2176	2179	rBV5	24509	44984	4.81%	0.264%
38	15.505	2179	2181	2184	rVV3	15942	18641	1.99%	0.109%
39	15.546	2184	2188	2192	rVB5	23252	35287	3.77%	0.207%
40	15.593	2192	2196	2200	rBV4	25021	31388	3.36%	0.184%
41	15.676	2206	2210	2218	rVB5	20581	38590	4.12%	0.226%
42	15.829	2227	2236	2243	rVV	355624	514932	55.04%	3.019%
43	15.958	2255	2258	2260	rVV3	17246	24375	2.61%	0.143%
44	15.981	2260	2262	2268	rVV	29702	36407	3.89%	0.213%
45	16.052	2270	2274	2282	rVB7	19509	43429	4.64%	0.255%
46	16.387	2324	2331	2336	rVB5	29686	54813	5.86%	0.321%
47	16.434	2336	2339	2344	rBV4	17967	27190	2.91%	0.159%
48	16.539	2351	2357	2361	rVB3	21963	40391	4.32%	0.237%
49	16.745	2387	2392	2397	rVB2	41185	63668	6.81%	0.373%
50	16.816	2399	2404	2405	rBV3	16185	20288	2.17%	0.119%
51	16.898	2414	2418	2421	rBV	37477	50238	5.37%	0.294%
52	17.080	2443	2449	2452	rBV	352532	488001	52.16%	2.861%
53	17.121	2452	2456	2463	rVV	693263	935518	100.00%	5.484%
54	17.209	2466	2471	2476	rVB	170302	237037	25.34%	1.390%
55	17.274	2477	2482	2487	rVV4	15459	24198	2.59%	0.142%
56	17.485	2514	2518	2523	rBV	26072	37023	3.96%	0.217%
57	17.809	2567	2573	2580	rBV	10028	25624	2.74%	0.150%
58	17.955	2592	2598	2602	rBV	118171	190216	20.33%	1.115%
59	18.002	2602	2606	2613	rVV	196058	275973	29.50%	1.618%
60	18.085	2615	2620	2625	rVV	58856	98985	10.58%	0.580%
61	18.149	2625	2631	2634	rVV3	136215	256293	27.40%	1.502%
62	18.185	2634	2637	2643	rVB	189303	264487	28.27%	1.550%
63	18.431	2673	2679	2681	rVV7	25202	53934	5.77%	0.316%
64	18.461	2681	2684	2687	rVV	58813	72024	7.70%	0.422%
65	18.584	2702	2705	2712	rVB6	20975	27068	2.89%	0.159%
66	18.702	2718	2725	2731	rBV2	234230	325770	34.82%	1.910%
67	18.755	2731	2734	2737	rBV2	22336	26636	2.85%	0.156%
68	18.796	2737	2741	2744	rBV2	21273	25959	2.77%	0.152%
69	18.884	2751	2756	2760	rBV2	42383	70333	7.52%	0.412%
70	18.948	2760	2767	2768	rVV5	27563	62941	6.73%	0.369%
71	18.972	2768	2771	2775	rVB	92237	113686	12.15%	0.666%

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72	19.019	2775	2779	2781	rBV3	19402	28267	3.02%	0.166%
73	19.084	2786	2790	2794	rVB	88457	103931	11.11%	0.609%
74	19.142	2794	2800	2805	rBV	563577	740477	79.15%	4.341%
75	19.201	2805	2810	2814	rVB2	152716	189886	20.30%	1.113%
76	19.389	2838	2842	2845	rBV2	39659	51499	5.50%	0.302%
77	19.507	2852	2862	2871	rBV	528113	864188	92.38%	5.066%
78	19.589	2871	2876	2880	rVB2	112597	166493	17.80%	0.976%
79	19.665	2886	2889	2890	rBV2	26219	25682	2.75%	0.151%
80	19.712	2892	2897	2901	rVV	638040	765772	81.86%	4.489%
81	19.830	2911	2917	2925	rBV7	48825	128947	13.78%	0.756%
82	19.924	2928	2933	2937	rVV	323581	384349	41.08%	2.253%
83	20.000	2942	2946	2953	rVB2	101424	152655	16.32%	0.895%
84	20.100	2959	2963	2967	rBV	85196	112557	12.03%	0.660%
85	20.159	2967	2973	2977	rVV3	61046	99403	10.63%	0.583%
86	20.300	2994	2997	3000	rBV	40679	46212	4.94%	0.271%
87	20.341	3002	3004	3008	rVB	43324	50863	5.44%	0.298%
88	20.458	3021	3024	3028	rVB5	24959	37655	4.03%	0.221%
89	20.911	3099	3101	3104	rBV	27660	29637	3.17%	0.174%
90	20.952	3105	3108	3110	rVV	40779	51283	5.48%	0.301%
91	20.975	3110	3112	3120	rVB5	85983	125686	13.43%	0.737%
92	21.263	3154	3161	3165	rBV2	535564	927424	99.13%	5.437%
93	21.299	3165	3167	3176	rVB	229801	269512	28.81%	1.580%
94	21.416	3184	3187	3192	rBV	55041	79648	8.51%	0.467%
95	21.810	3252	3254	3258	rVB2	46213	51434	5.50%	0.302%
96	22.838	3424	3429	3434	rBV	136763	299888	32.06%	1.758%
97	23.320	3507	3511	3520	rVB2	91409	182376	19.49%	1.069%
98	23.414	3522	3527	3534	rVB2	143593	291148	31.12%	1.707%
99	23.514	3539	3544	3549	rBV3	260210	456136	48.76%	2.674%
100	25.805	3928	3934	3941	rVB2	64673	175882	18.80%	1.031%

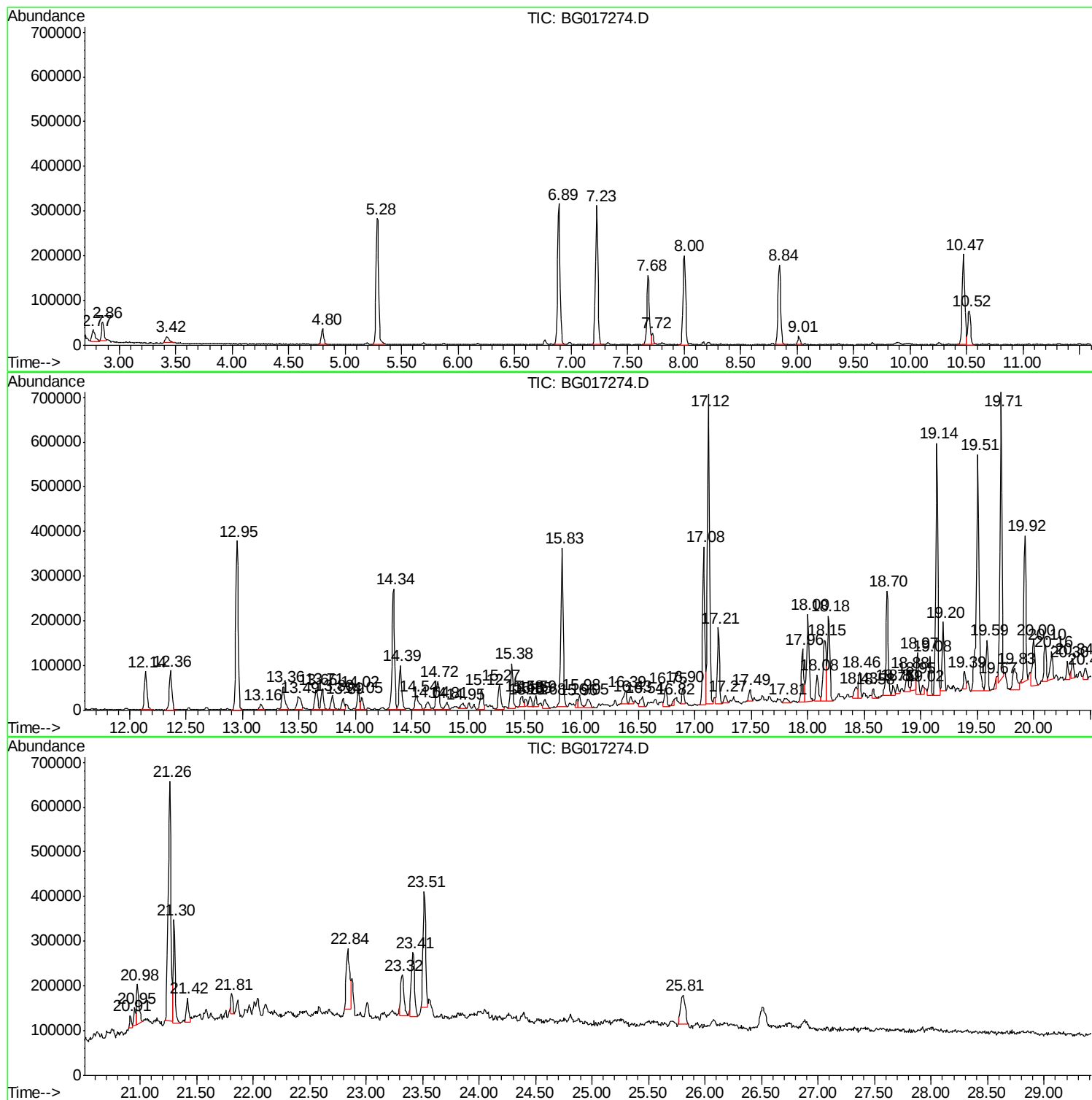
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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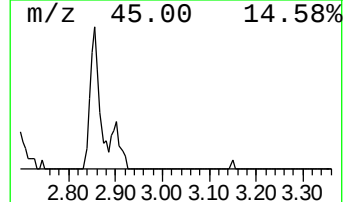
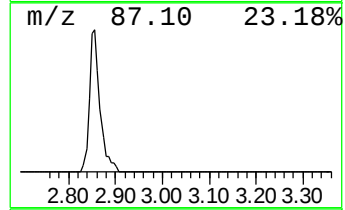
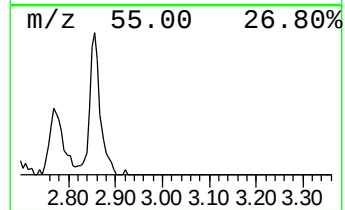
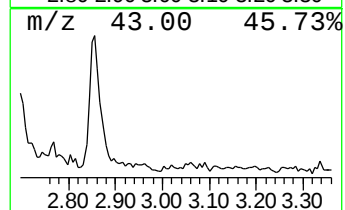
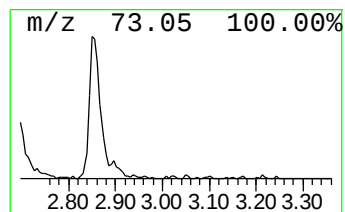
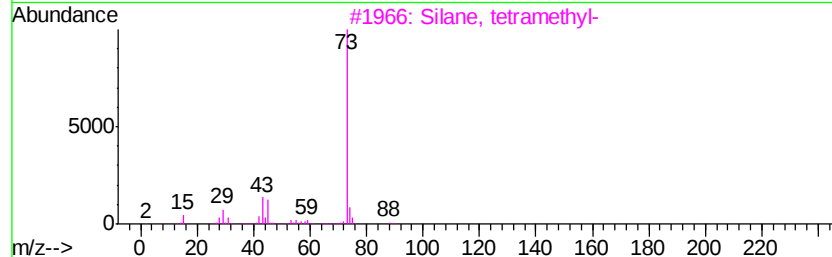
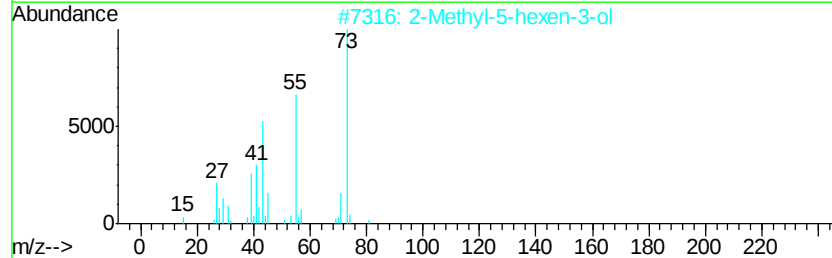
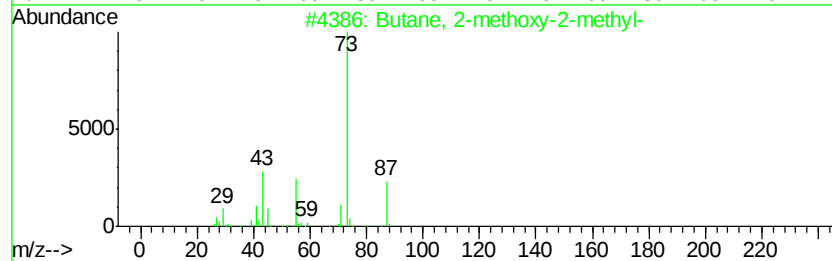
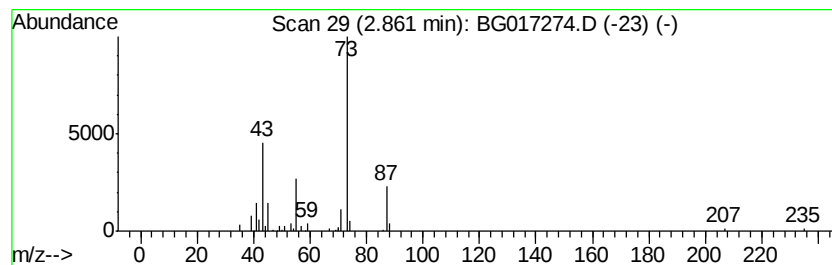
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	5.27 ng	64461	1,4-Dichlorobenzene-d4	7.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		1-Pentanamine	87	C5H13N	000110-58-7	7
5		(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	7



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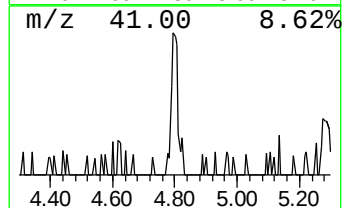
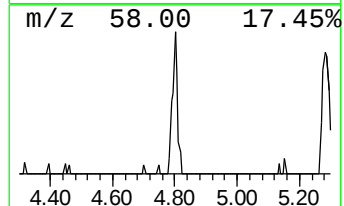
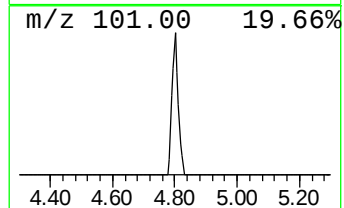
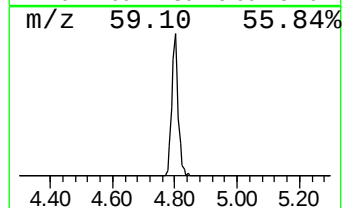
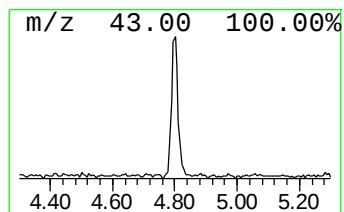
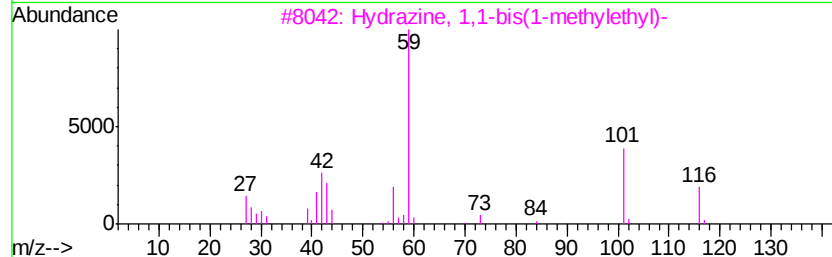
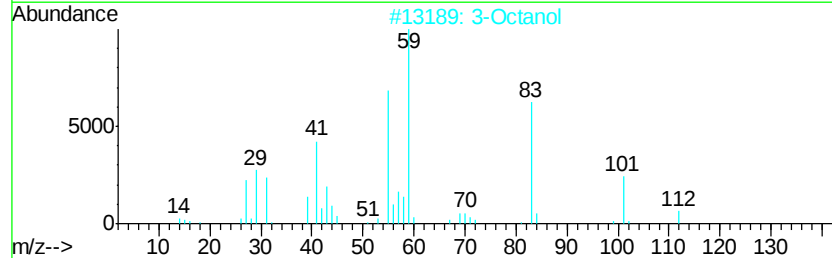
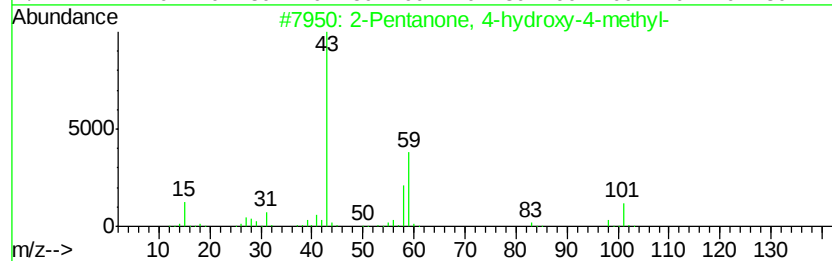
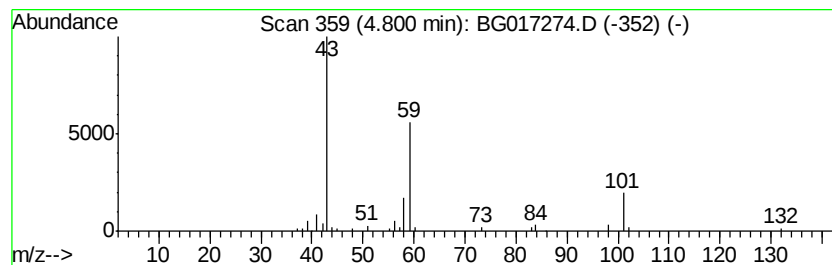
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	4.15 ng	50809	1,4-Dichlorobenzene-d4	7.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	47
2	3-Octanol	130	C8H18O		000589-98-0	33
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2		000921-14-2	28
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5		000143-24-8	25
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3		053951-43-2	25



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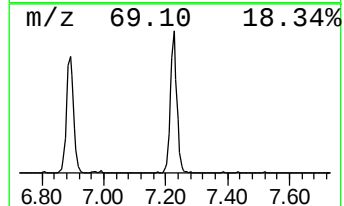
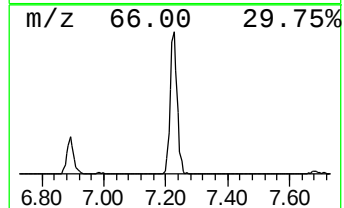
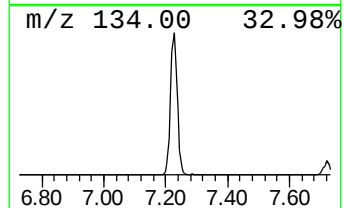
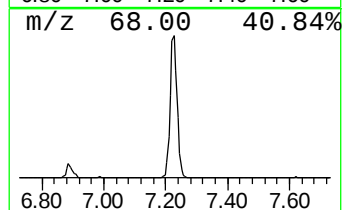
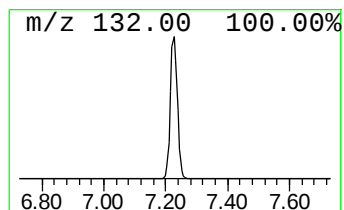
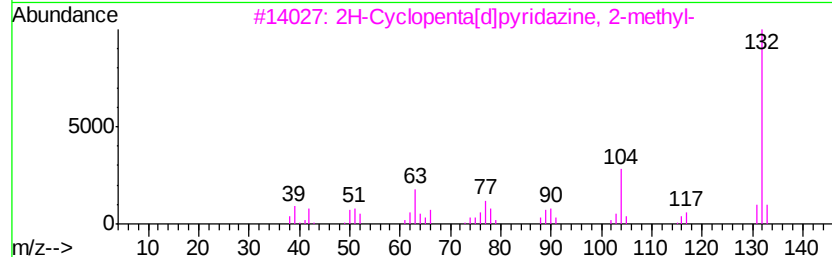
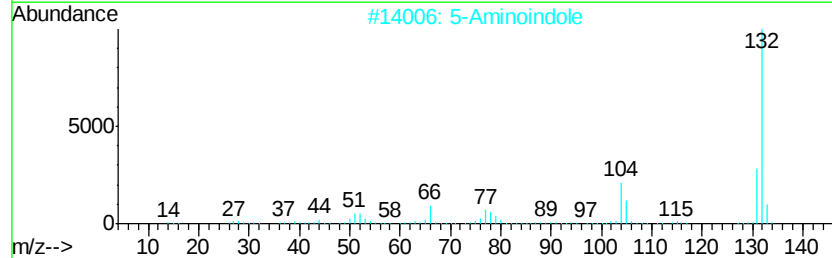
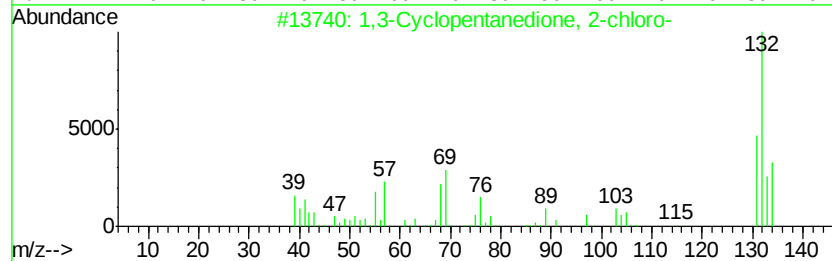
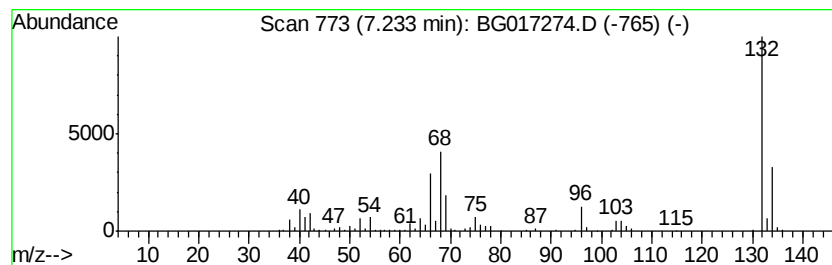
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	39.27 ng	480359	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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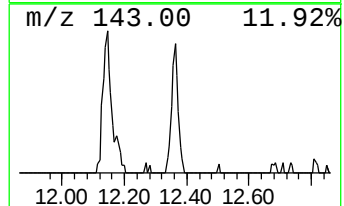
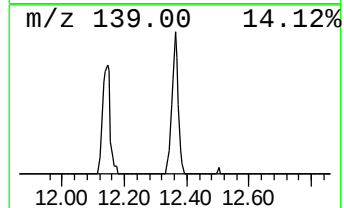
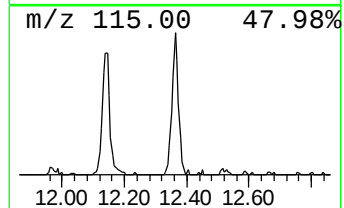
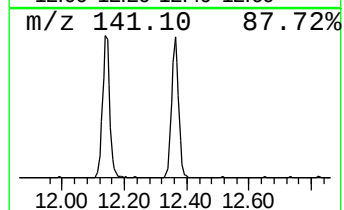
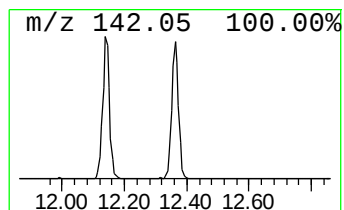
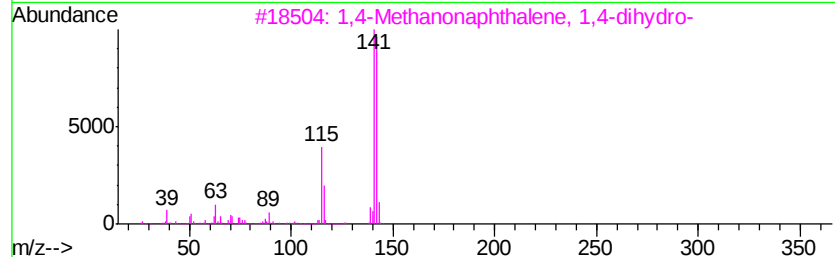
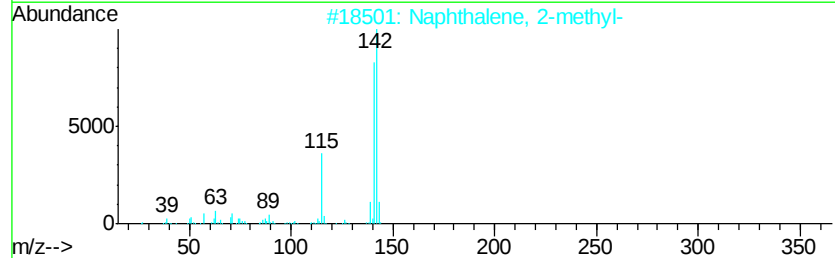
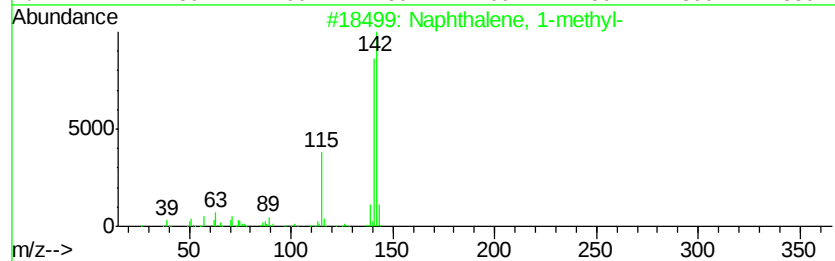
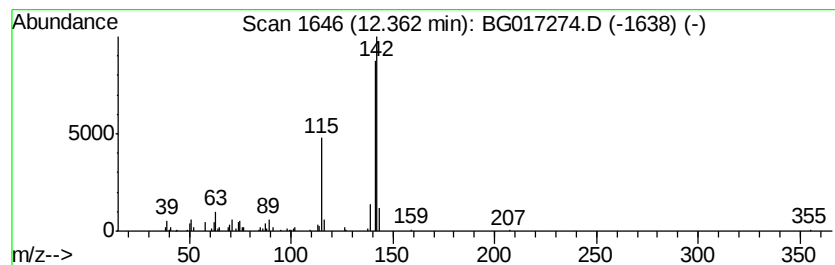
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.25 ng	139961	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
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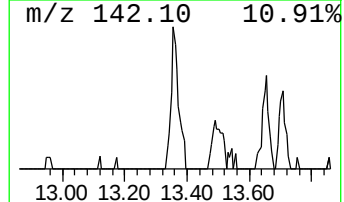
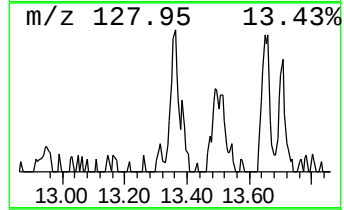
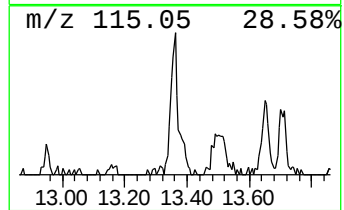
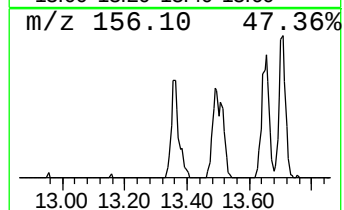
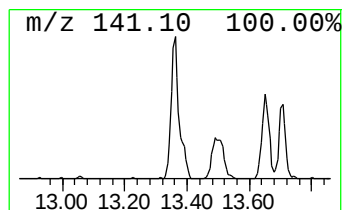
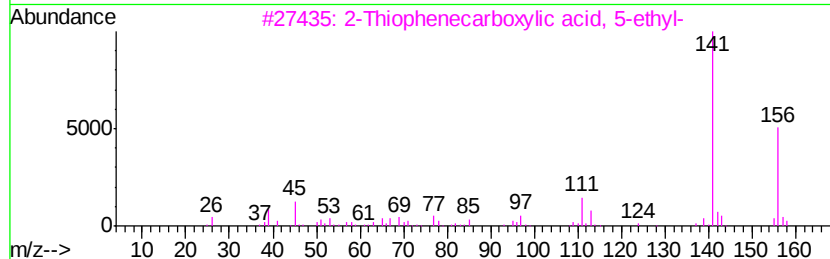
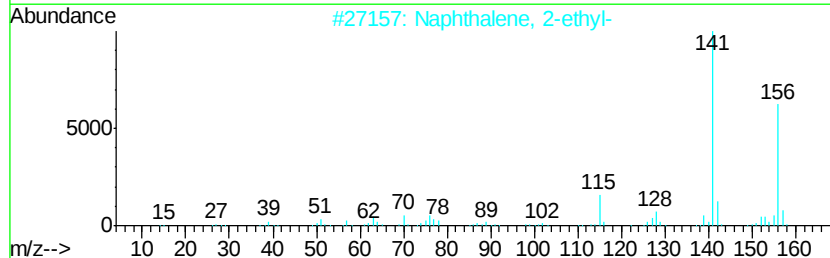
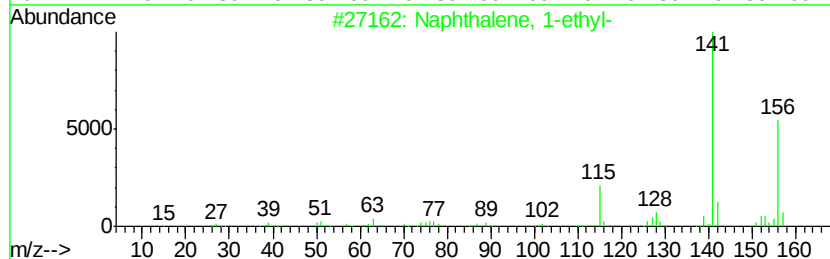
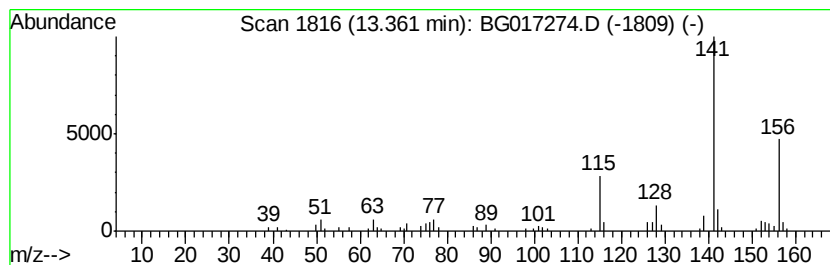
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.28 ng	93101	Acenaphthene-d10	14.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 91
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 86
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 59
4		Ethanone, 1-(2,6-difluorophenyl)-	156 C8H6F2O	013670-99-0 58
5		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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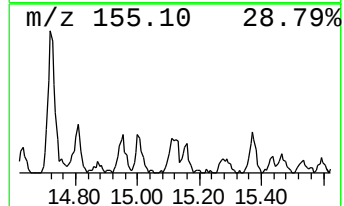
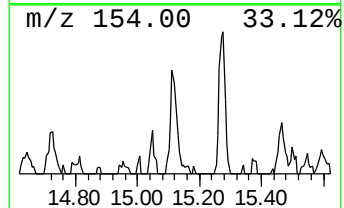
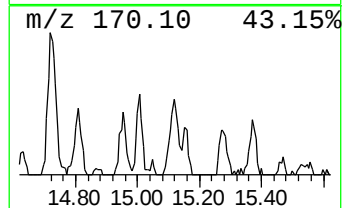
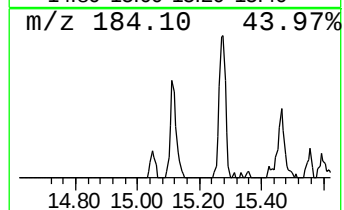
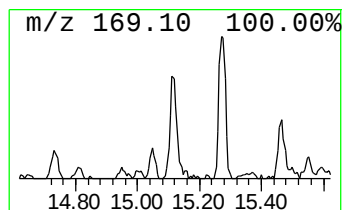
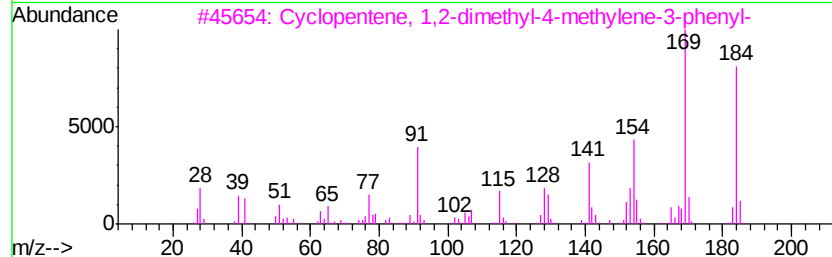
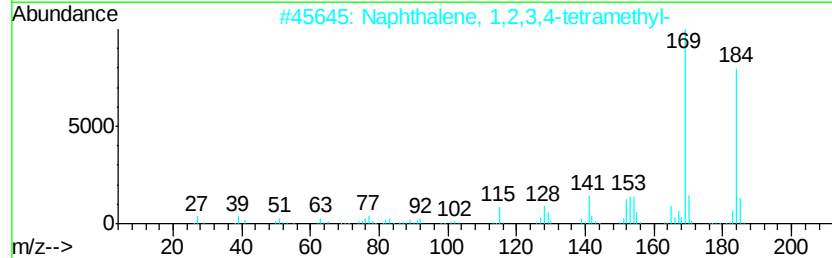
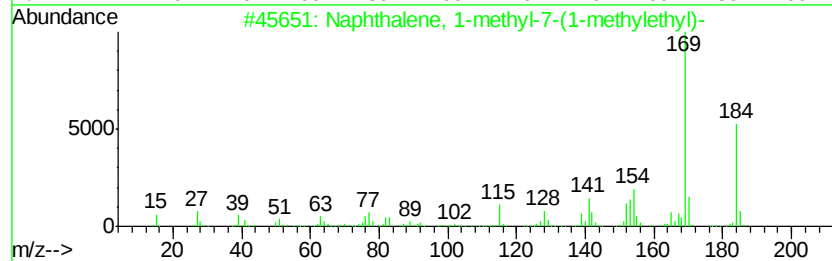
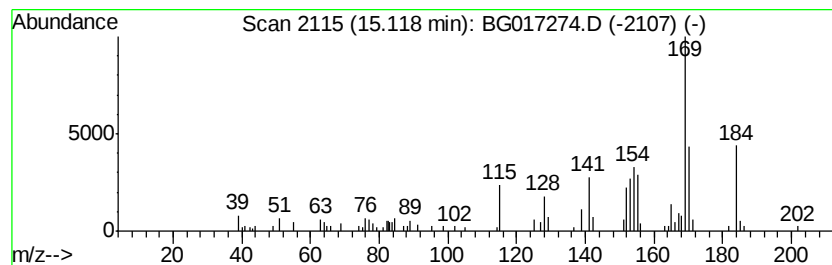
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl-7-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.64 ng	79142	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
2		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	72
3		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	68
4		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	40
5		6'-Methyl-2'-acetoneaphthone	184	C13H12O	024875-94-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
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Instrument :
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ClientSampleId :
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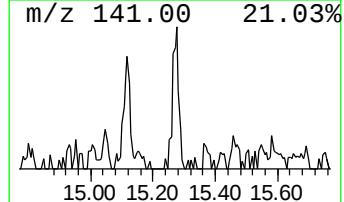
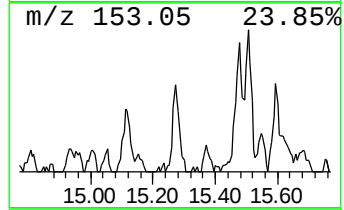
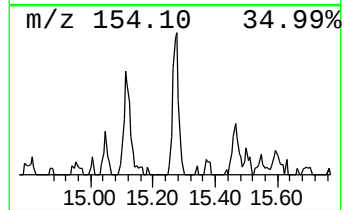
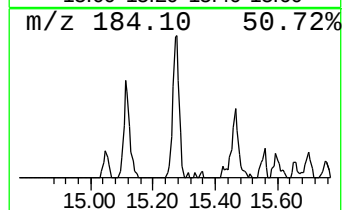
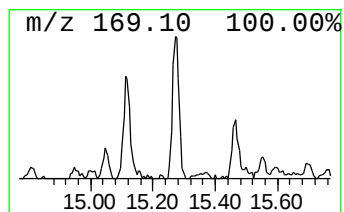
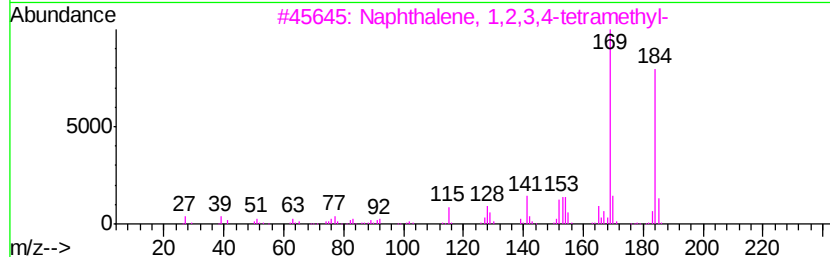
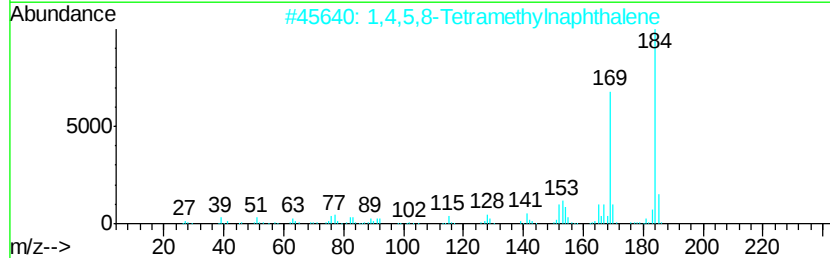
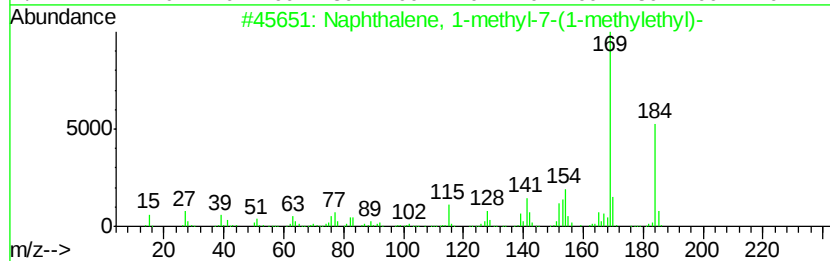
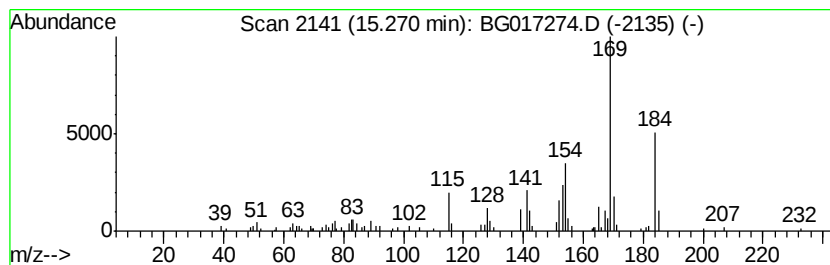
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,4,5,8-Tetramethylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.07 ng	88447	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	97
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
3		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	91
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	91
5		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
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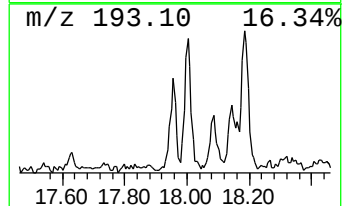
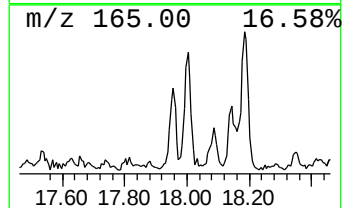
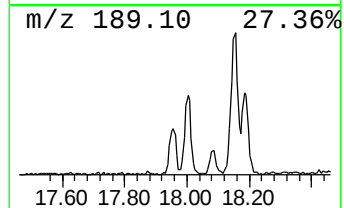
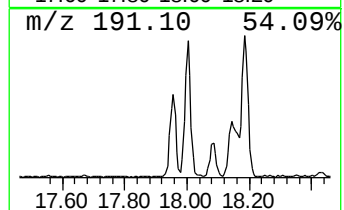
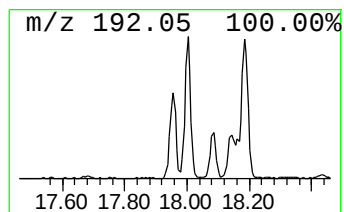
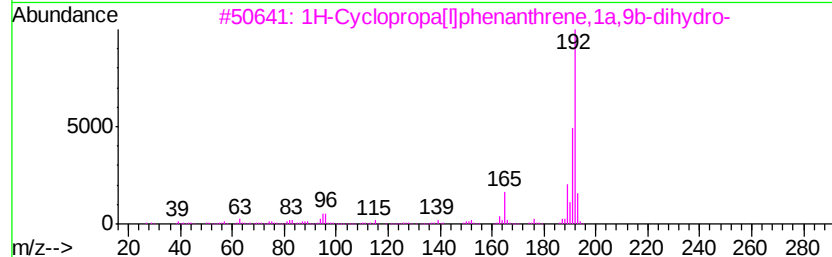
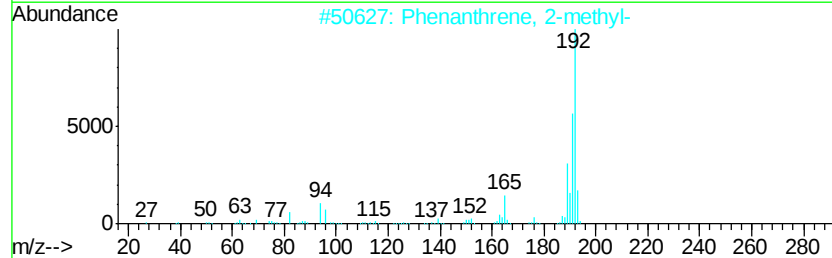
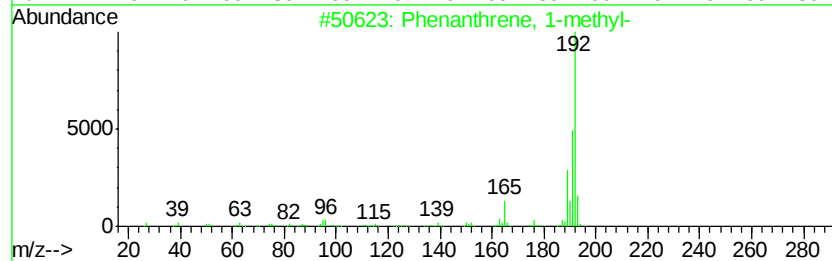
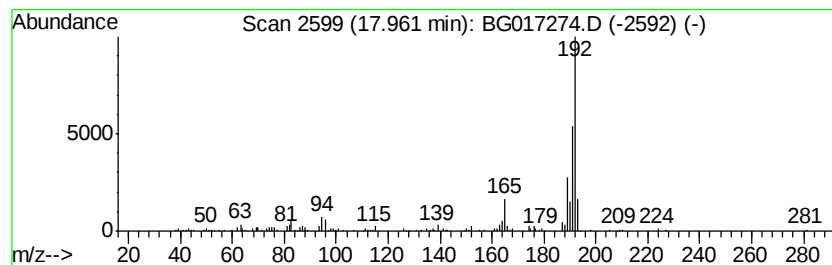
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	7.80 ng	190216	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
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Sample : G2289-08 2X
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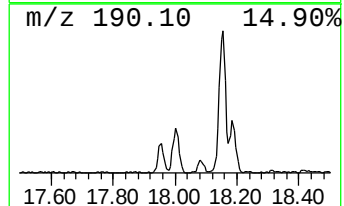
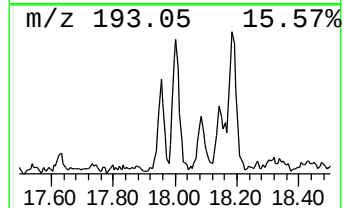
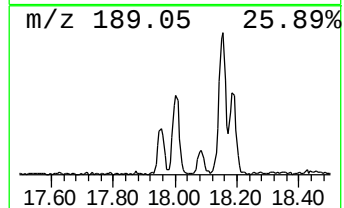
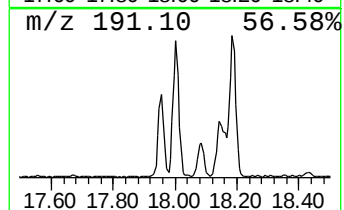
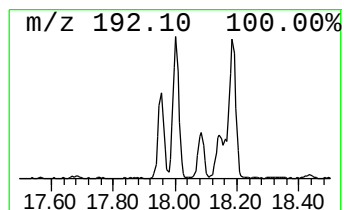
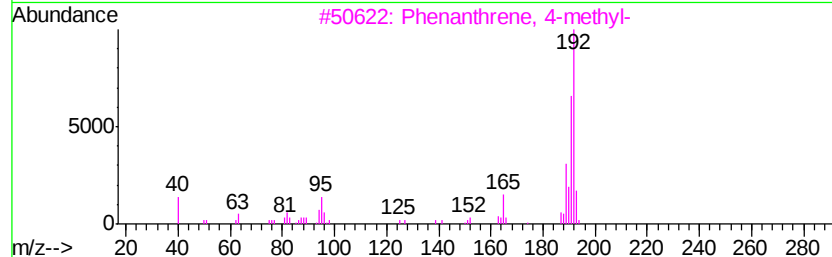
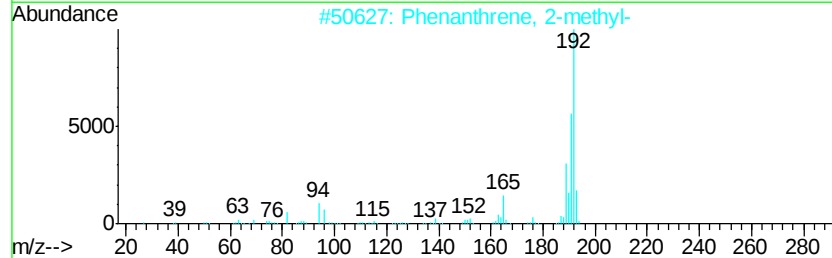
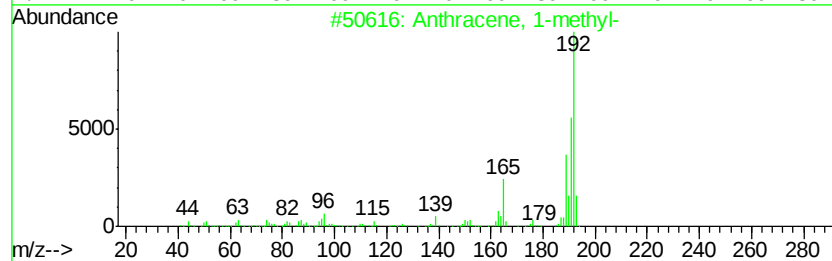
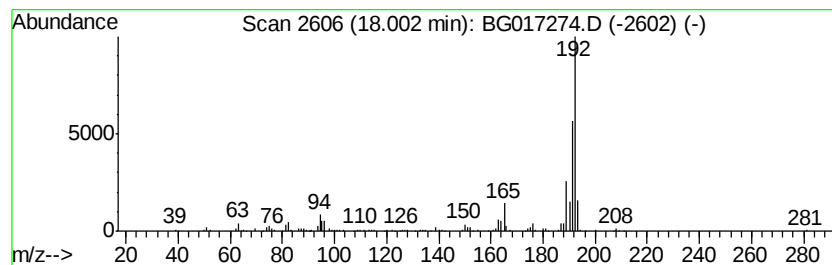
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.31 ng	275973	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
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ClientSampleId :
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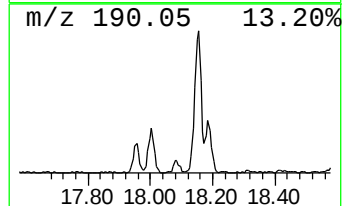
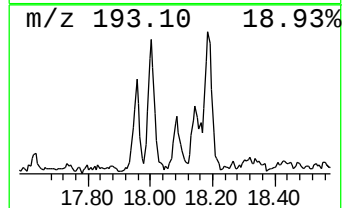
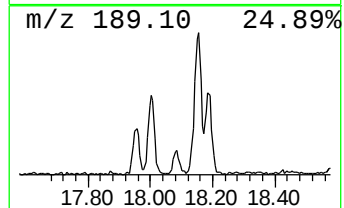
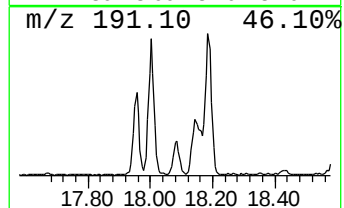
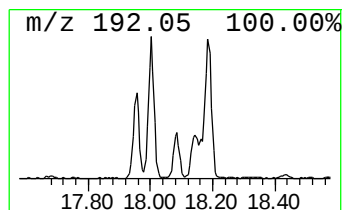
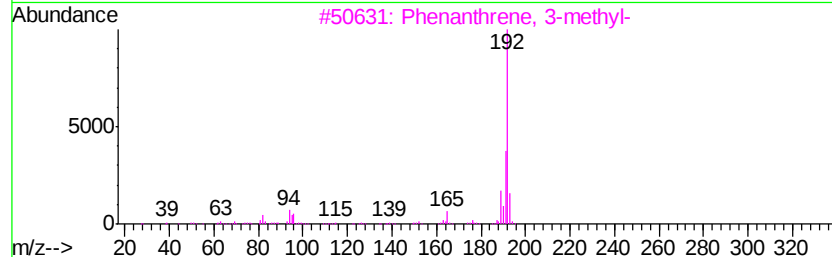
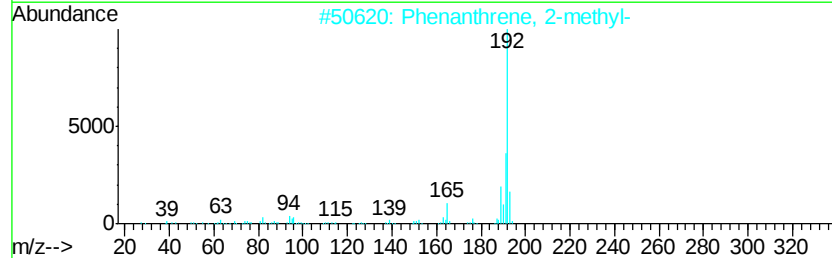
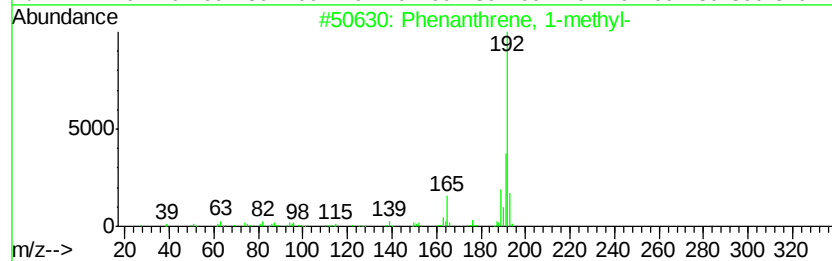
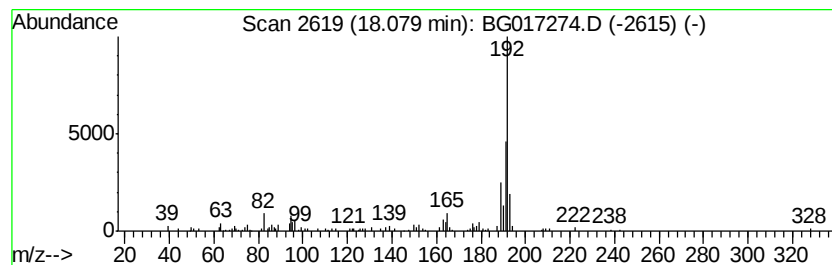
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.06 ng	98985	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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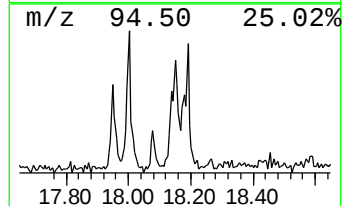
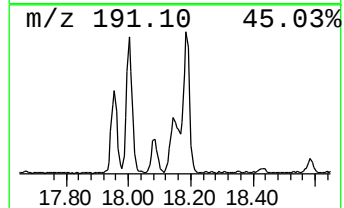
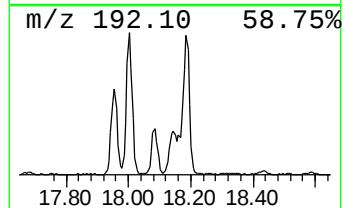
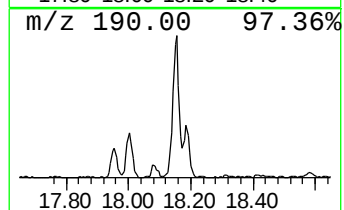
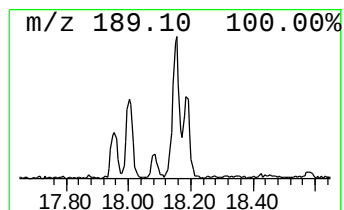
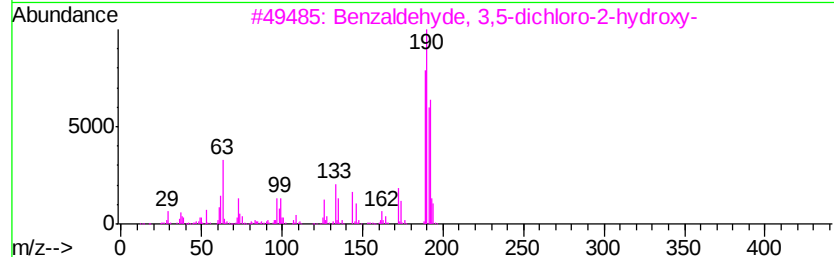
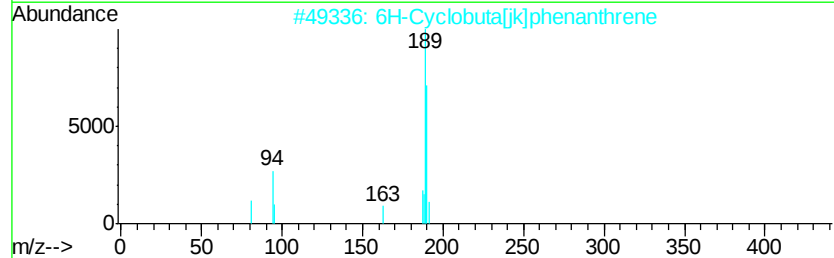
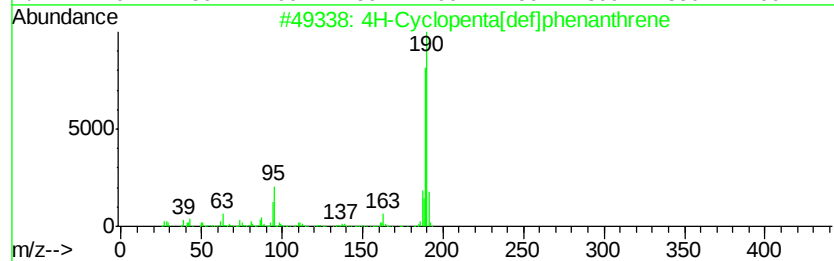
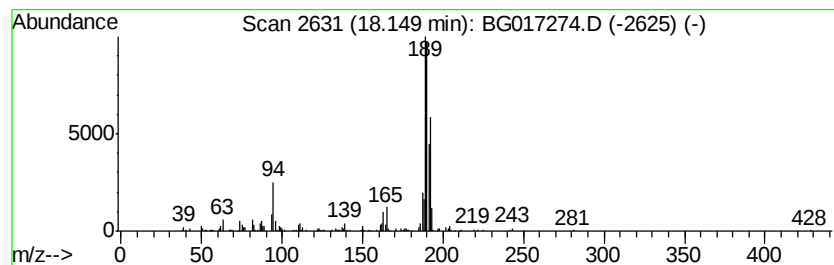
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	10.50 ng	256293	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
Sample : G2289-08 2X
Misc :
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ClientSampleId :
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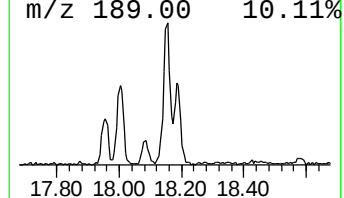
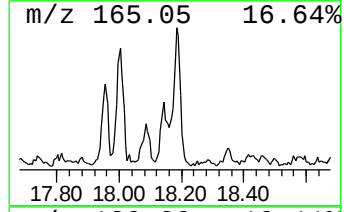
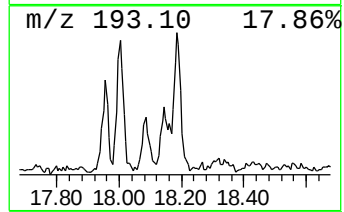
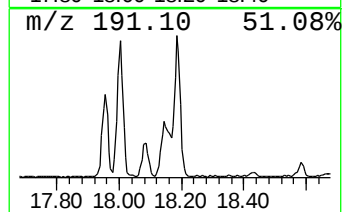
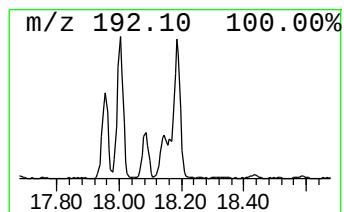
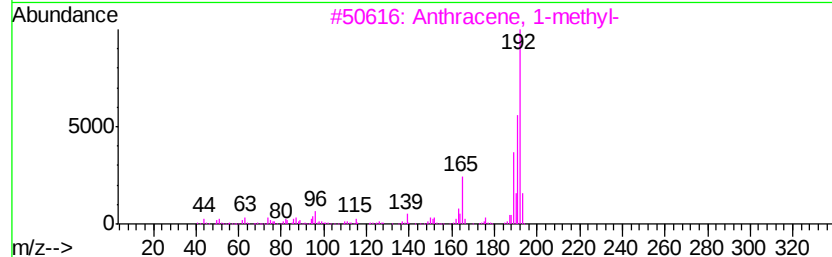
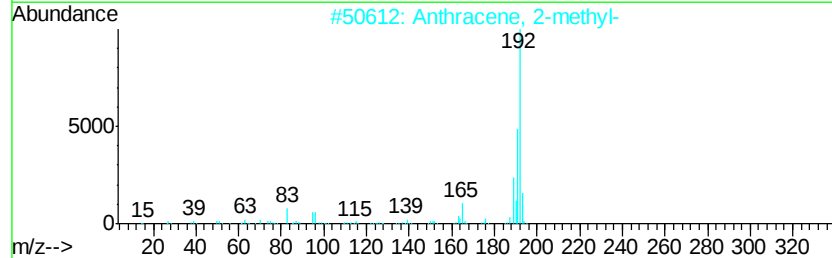
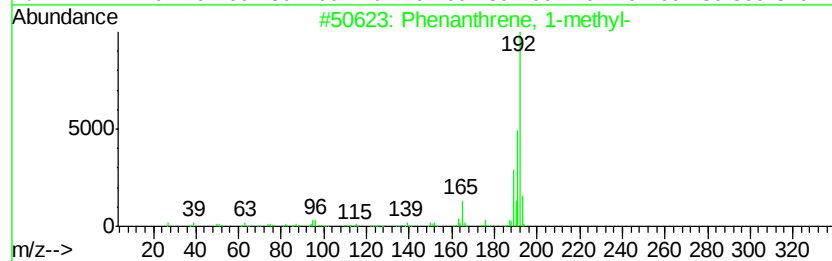
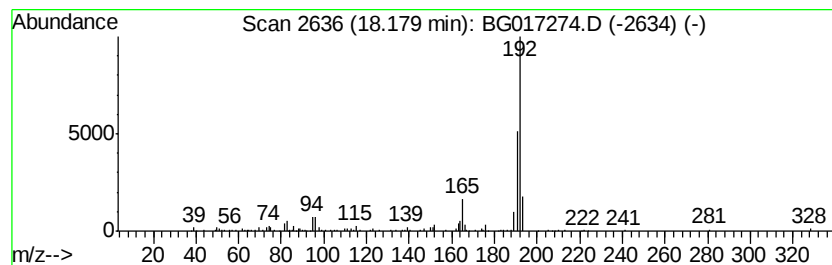
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	10.84 ng	264487	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
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Sample : G2289-08 2X
Misc :
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ClientSampleId :
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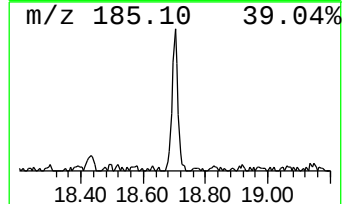
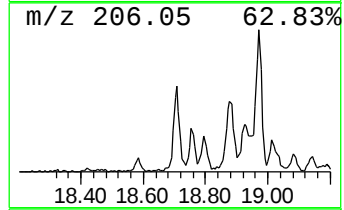
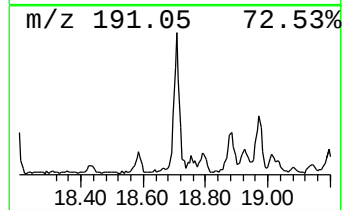
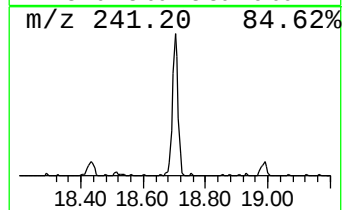
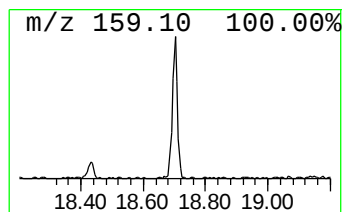
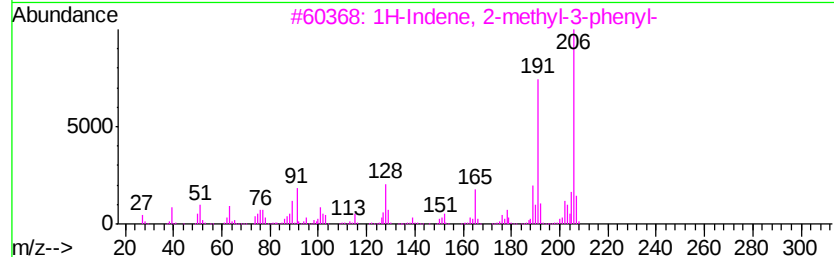
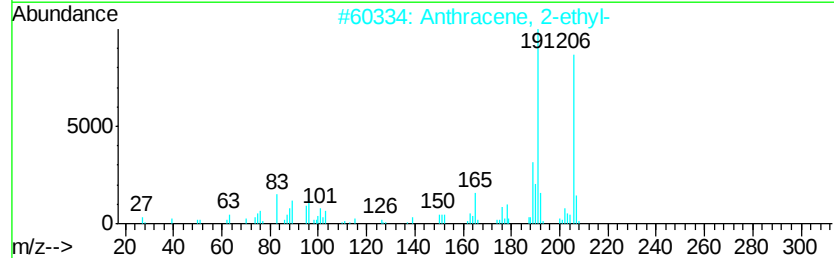
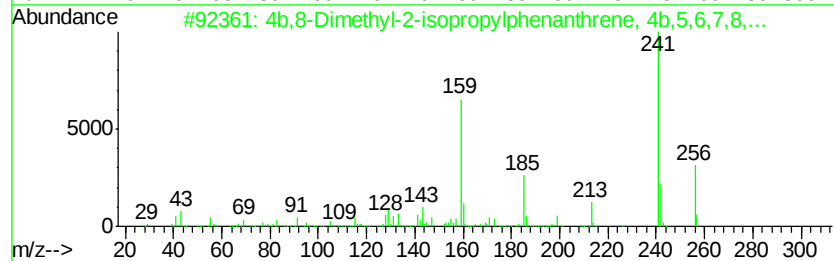
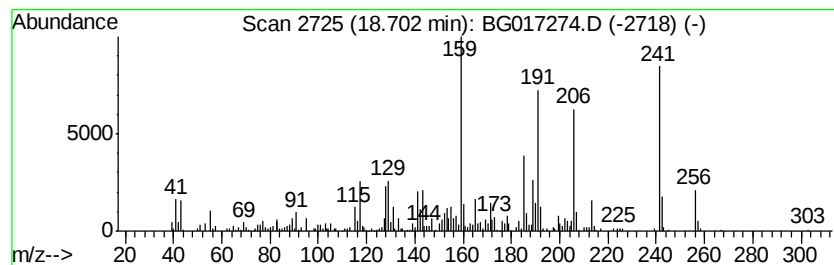
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	13.35 ng	325770	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	92
2		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46
4		As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
Operator : TP/IZ
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Misc :
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ClientSampleId :
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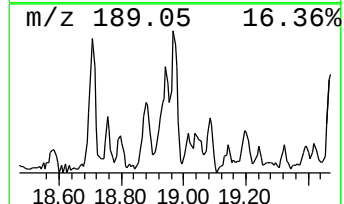
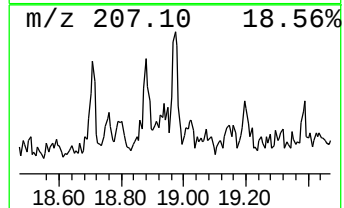
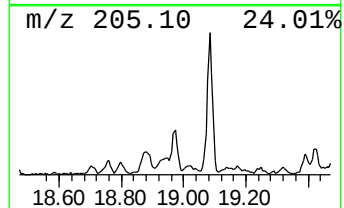
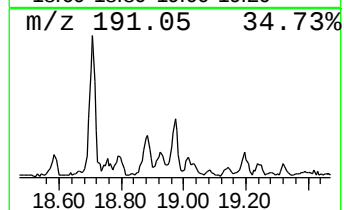
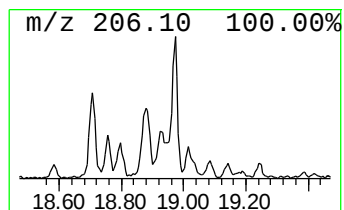
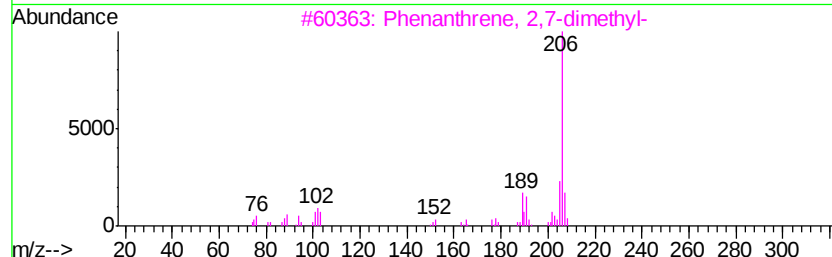
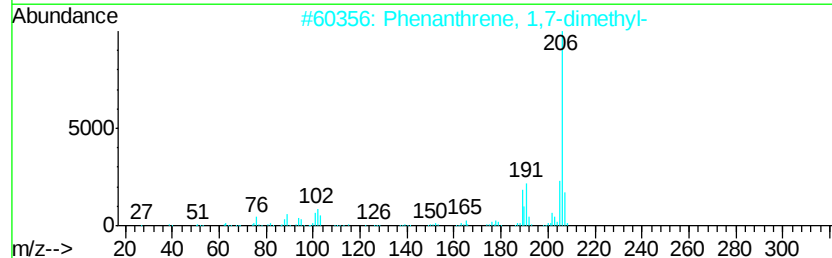
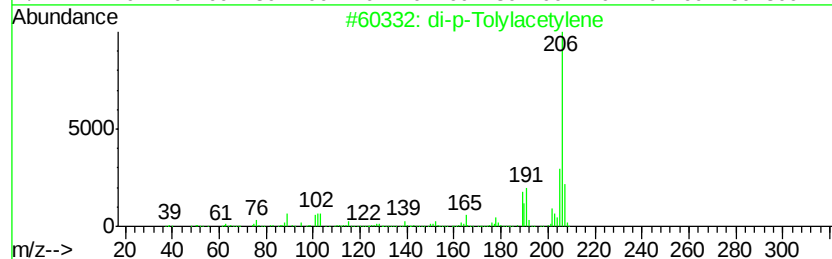
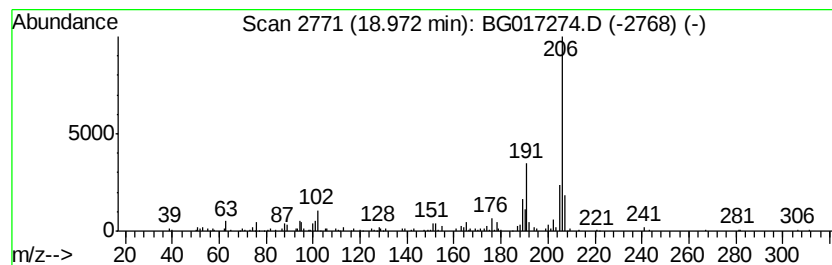
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.66 ng	113686	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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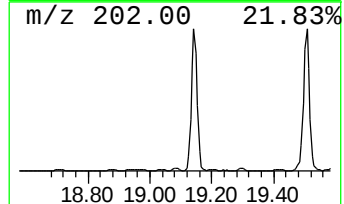
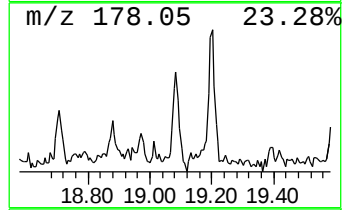
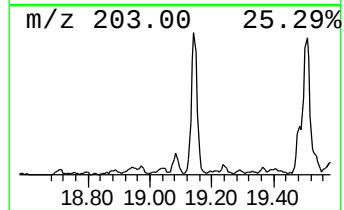
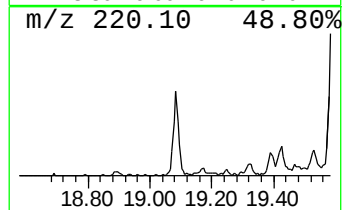
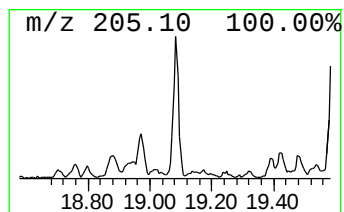
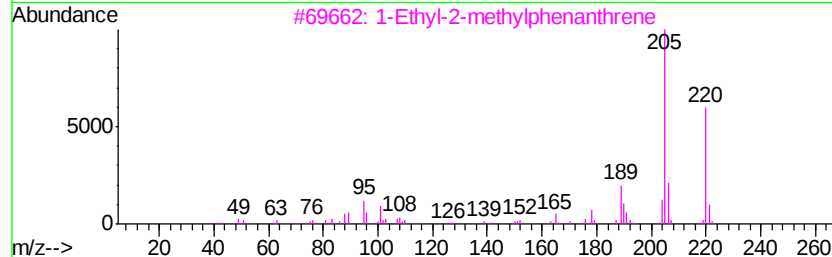
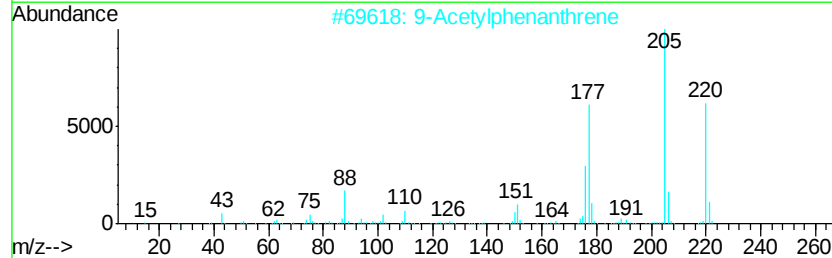
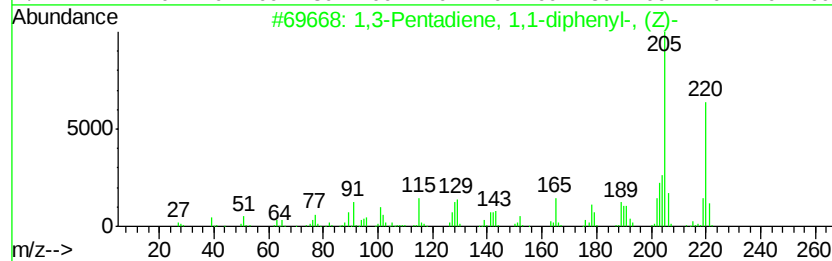
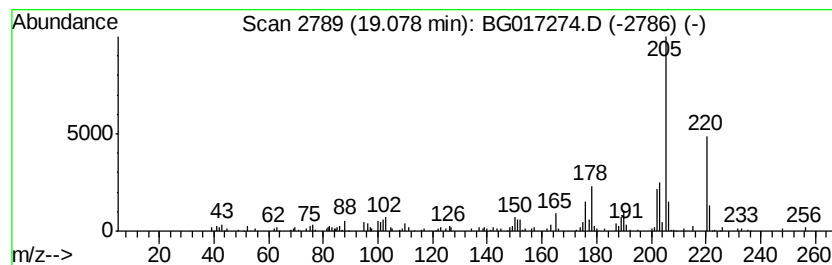
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.26 ng	103931	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	91
2			9-Acetylphenanthrene	220	C16H12O	002039-77-2	58
3			1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	58
4			9-Cedranone	220	C15H24O	1000156-23-2	52
5			Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017274.D
Acq On : 23 May 2015 9:40
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ClientSampleId :
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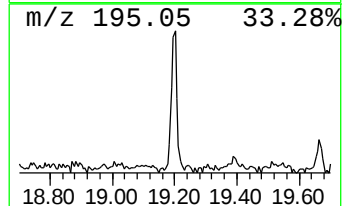
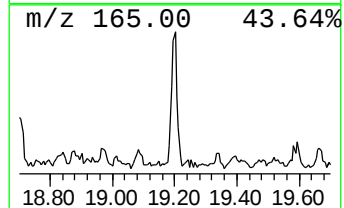
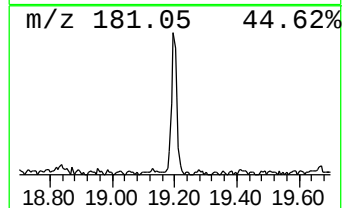
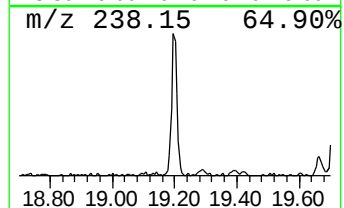
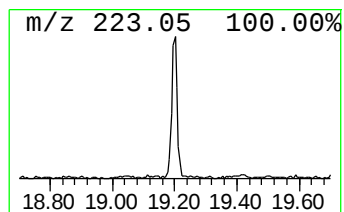
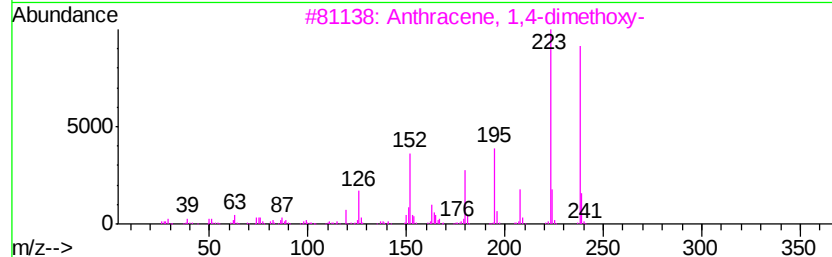
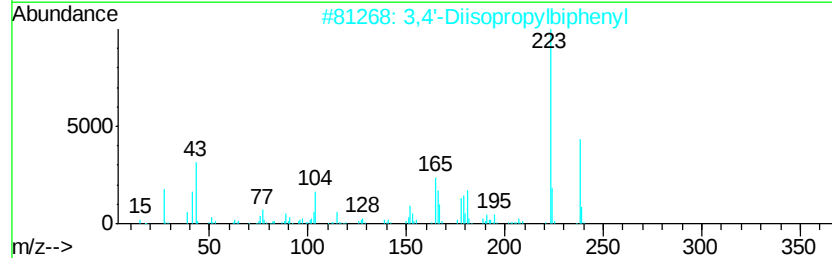
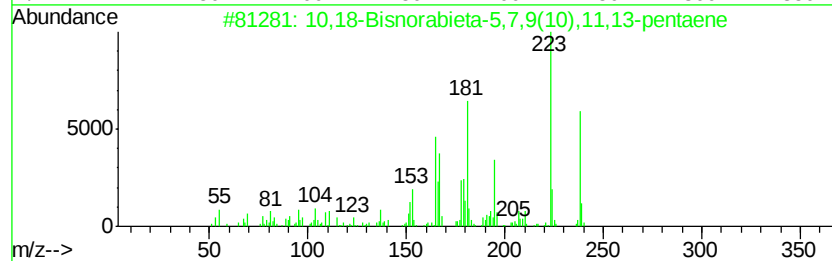
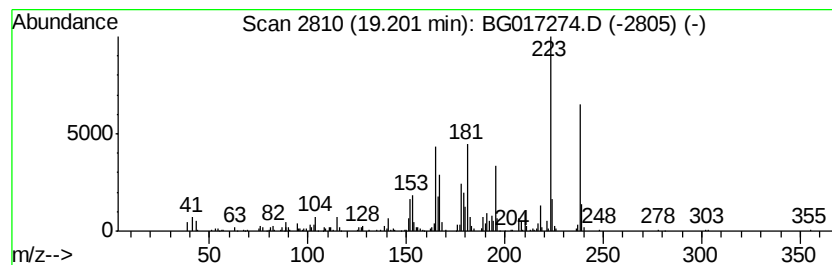
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.09 ng	189886	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
3		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
4		2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	50
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
SB-29D

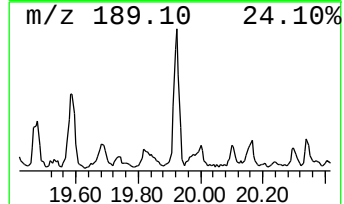
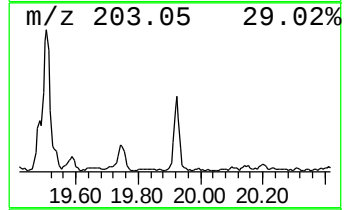
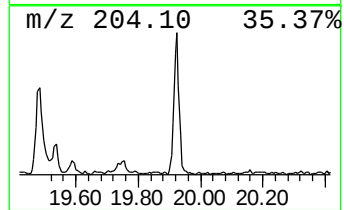
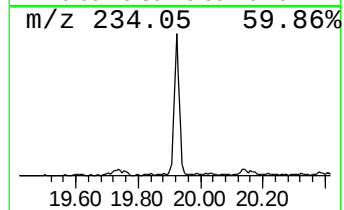
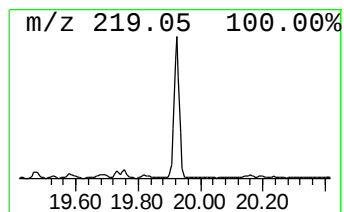
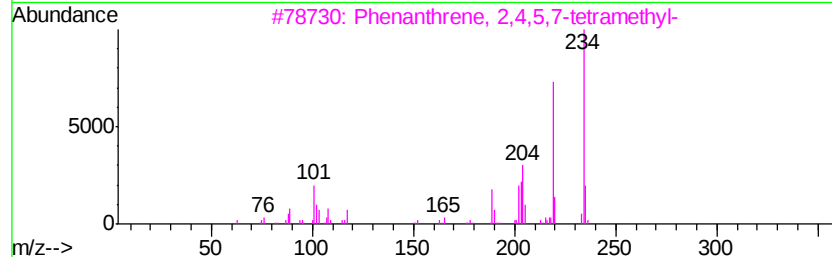
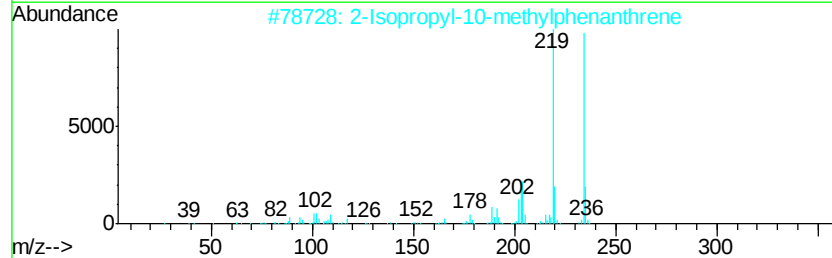
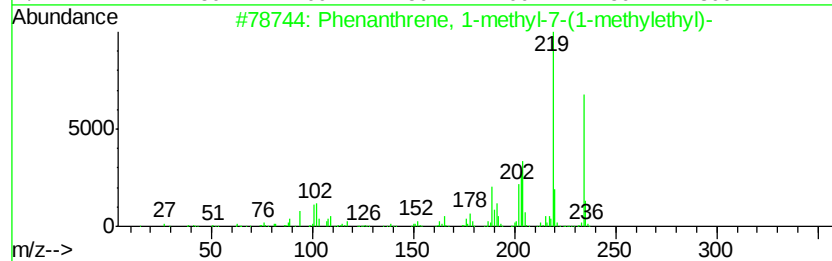
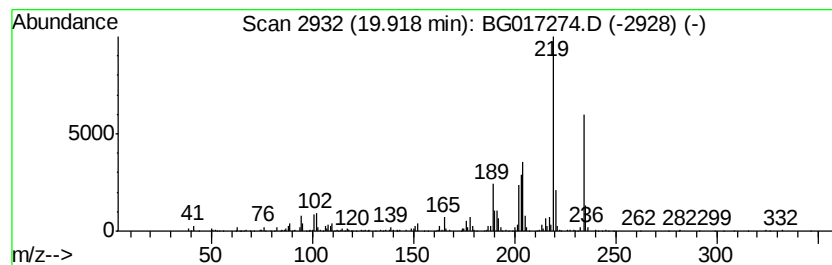
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1-methyl-7-(1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	8.29 ng	384349	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	93
4		1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	70
5		Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017274.D
 Acq On : 23 May 2015 9:40
 Operator : TP/IZ
 Sample : G2289-08 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.86	5.3	ng	64461	1	7.68	244615	20.0
2-Pentanone, 4-hy...	4.80	4.2	ng	50809	1	7.68	244615	20.0
unknown7.23	7.23	39.3	ng	480359	1	7.68	244615	20.0
Naphthalene, 1-me...	12.36	8.3	ng	139961	2	10.47	339318	20.0
Naphthalene, 2-et...	13.36	4.3	ng	93101	3	14.33	434552	20.0
Naphthalene, 1-me...	15.12	3.6	ng	79142	3	14.33	434552	20.0
1,4,5,8-Tetrameth...	15.27	4.1	ng	88447	3	14.33	434552	20.0
Phenanthrene, 1-m...	17.96	7.8	ng	190216	4	17.08	488001	20.0
Anthracene, 1-met...	18.00	11.3	ng	275973	4	17.08	488001	20.0
Phenanthrene, 2-m...	18.08	4.1	ng	98985	4	17.08	488001	20.0
4H-Cyclopenta[def...	18.15	10.5	ng	256293	4	17.08	488001	20.0
Anthracene, 2-met...	18.18	10.8	ng	264487	4	17.08	488001	20.0
4b,8-Dimethyl-2-i...	18.70	13.4	ng	325770	4	17.08	488001	20.0
di-p-Tolylacetylene	18.97	4.7	ng	113686	4	17.08	488001	20.0
1,3-Pentadiene, 1...	19.08	4.3	ng	103931	4	17.08	488001	20.0
10,18-Bisnorabiet...	19.20	4.1	ng	189886	5	21.26	927424	20.0
Phenanthrene, 1-m...	19.92	8.3	ng	384349	5	21.26	927424	20.0