

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042717.D
 Acq On : 4 Sep 2019 21:10
 Operator : HP/JU
 Sample : K4554-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-(0-2)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	3	5	17	rVB	84313	112762	4.89%	0.296%
2	5.558	413	420	432	rBV	402949	663716	28.79%	1.740%
3	5.987	485	493	512	rBV	46488	182324	7.91%	0.478%
4	7.162	686	693	703	rBV	415315	768172	33.32%	2.014%
5	7.532	749	756	769	rVB	458343	794096	34.44%	2.082%
6	7.667	771	779	788	rBV2	72659	226830	9.84%	0.595%
7	7.744	788	792	809	rVB	38538	119943	5.20%	0.314%
8	7.996	829	835	844	rVB	105689	181893	7.89%	0.477%
9	8.325	883	891	900	rVB	370987	648863	28.15%	1.701%
10	8.548	923	929	946	rBV	18167	65054	2.82%	0.171%
11	9.165	1027	1034	1046	rBV	248272	460520	19.98%	1.207%
12	9.289	1049	1055	1068	rVV4	30577	92890	4.03%	0.244%
13	9.395	1068	1073	1089	rVB3	18683	48722	2.11%	0.128%
14	9.794	1134	1141	1144	rBV2	25083	52160	2.26%	0.137%
15	9.841	1144	1149	1168	rVB2	50434	164617	7.14%	0.432%
16	10.241	1211	1217	1226	rBV4	14992	44059	1.91%	0.116%
17	10.399	1242	1244	1258	rVB3	22393	49863	2.16%	0.131%
18	10.822	1307	1316	1322	rBV	133253	245232	10.64%	0.643%
19	11.339	1393	1404	1421	rBV	68692	220613	9.57%	0.578%
20	11.480	1421	1428	1443	rVV	86085	240657	10.44%	0.631%
21	12.473	1590	1597	1608	rBV3	24605	72221	3.13%	0.189%
22	12.632	1618	1624	1633	rBV2	26848	56995	2.47%	0.149%
23	12.914	1669	1672	1681	rVB3	17538	36286	1.57%	0.095%
24	13.114	1701	1706	1715	rBV2	26142	53586	2.32%	0.140%
25	13.225	1717	1725	1727	rBV6	16438	33354	1.45%	0.087%
26	13.278	1727	1734	1743	rVB	856031	1386224	60.13%	3.634%
27	13.549	1774	1780	1788	rBV2	43654	135214	5.87%	0.355%
28	13.895	1834	1839	1848	rBV	29325	60186	2.61%	0.158%
29	14.107	1867	1875	1886	rBV2	140845	279661	12.13%	0.733%
30	14.383	1916	1922	1933	rBV	92048	193166	8.38%	0.506%
31	14.659	1963	1969	1977	rVB	235967	382301	16.58%	1.002%
32	15.258	2067	2071	2077	rBV4	21283	38598	1.67%	0.101%
33	15.928	2180	2185	2192	rVB9	13710	30367	1.32%	0.080%
34	16.151	2216	2223	2232	rBV	746041	1189416	51.59%	3.118%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.386	2259	2263	2268	rVB6	27044	45872	1.99%	0.120%
36	16.568	2290	2294	2301	rVV	37186	67333	2.92%	0.177%
37	16.986	2362	2365	2372	rVB2	20853	33160	1.44%	0.087%
38	17.068	2375	2379	2387	rVB5	21665	43408	1.88%	0.114%
39	17.409	2431	2437	2441	rBV2	328622	505695	21.94%	1.326%
40	17.450	2441	2444	2455	rVV	229211	341670	14.82%	0.896%
41	17.544	2455	2460	2465	rVV	64693	94065	4.08%	0.247%
42	17.926	2522	2525	2531	rVB	49391	68298	2.96%	0.179%
43	17.990	2533	2536	2543	rVB	39721	65828	2.86%	0.173%
44	18.290	2582	2587	2591	rBV	122583	214869	9.32%	0.563%
45	18.337	2591	2595	2601	rVB	132022	197041	8.55%	0.517%
46	18.419	2605	2609	2613	rVB	34978	49888	2.16%	0.131%
47	18.478	2613	2619	2623	rBV2	179467	340022	14.75%	0.891%
48	18.519	2623	2626	2632	rVB	99286	132465	5.75%	0.347%
49	18.601	2635	2640	2650	rBV9	31884	109292	4.74%	0.287%
50	18.684	2651	2654	2658	rVB3	26631	35847	1.55%	0.094%
51	18.784	2666	2671	2675	rBV	96007	143028	6.20%	0.375%
52	18.831	2675	2679	2690	rVB3	99812	175219	7.60%	0.459%
53	19.030	2710	2713	2718	rVB3	28179	38407	1.67%	0.101%
54	19.077	2718	2721	2725	rVV	44284	58441	2.53%	0.153%
55	19.118	2726	2728	2732	rVB	34038	37816	1.64%	0.099%
56	19.201	2737	2742	2748	rBV	147732	274537	11.91%	0.720%
57	19.342	2762	2766	2779	rVB2	134366	247221	10.72%	0.648%
58	19.465	2781	2787	2793	rVB	1145876	1696867	73.60%	4.449%
59	19.524	2793	2797	2800	rBV	61351	85355	3.70%	0.224%
60	19.559	2800	2803	2808	rVB	46905	69532	3.02%	0.182%
61	19.618	2808	2813	2817	rBV	117945	184877	8.02%	0.485%
62	19.665	2817	2821	2825	rVB2	52022	70024	3.04%	0.184%
63	19.706	2825	2828	2831	rBV	45012	59924	2.60%	0.157%
64	19.794	2839	2843	2844	rBV	136709	157229	6.82%	0.412%
65	19.829	2844	2849	2856	rVB	1389341	1985576	86.13%	5.206%
66	19.894	2856	2860	2866	rVB2	70559	110887	4.81%	0.291%
67	20.023	2875	2882	2886	rBV	1736749	2255636	97.84%	5.914%
68	20.059	2886	2888	2897	rVB3	56623	88527	3.84%	0.232%
69	20.153	2898	2904	2914	rBV4	175286	440978	19.13%	1.156%
70	20.317	2930	2932	2937	rVB	233990	278487	12.08%	0.730%
71	20.417	2945	2949	2953	rBV	117144	151934	6.59%	0.398%

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72	20.476	2954	2959	2964	rVB2	234306	333445	14.46%	0.874%
73	20.617	2979	2983	2987	rBV	204756	274938	11.93%	0.721%
74	20.658	2987	2990	2995	rVB	168783	229082	9.94%	0.601%
75	21.081	3058	3062	3069	rVB	229354	354377	15.37%	0.929%
76	21.263	3087	3093	3097	rBV2	167268	328487	14.25%	0.861%
77	21.304	3097	3100	3105	rVV	185865	315341	13.68%	0.827%
78	21.357	3105	3109	3113	rVV2	149608	265629	11.52%	0.696%
79	21.416	3116	3119	3127	rVB	191699	327472	14.20%	0.859%
80	21.674	3156	3163	3169	rBV2	918062	2305408	100.00%	6.044%
81	21.733	3169	3173	3186	rVB	846199	1589827	68.96%	4.168%
82	21.956	3206	3211	3217	rBV	178188	322457	13.99%	0.845%
83	22.097	3231	3235	3241	rVB3	49841	100771	4.37%	0.264%
84	22.162	3243	3246	3251	rVB5	53410	82713	3.59%	0.217%
85	22.344	3274	3277	3281	rVB2	49992	65014	2.82%	0.170%
86	22.426	3282	3291	3296	rVV	202981	461613	20.02%	1.210%
87	22.497	3298	3303	3311	rVB2	136312	293380	12.73%	0.769%
88	22.697	3332	3337	3341	rBV4	94002	188982	8.20%	0.495%
89	22.843	3358	3362	3370	rVB	78799	147345	6.39%	0.386%
90	23.525	3471	3478	3494	rVB5	70779	282522	12.25%	0.741%
91	23.919	3534	3545	3551	rBV2	656193	2237444	97.05%	5.866%
92	24.165	3580	3587	3598	rBV	127337	330445	14.33%	0.866%
93	24.636	3659	3667	3681	rVB	400335	1238567	53.72%	3.247%
94	24.788	3683	3693	3704	rVB	544462	1561697	67.74%	4.095%
95	24.935	3709	3718	3726	rVV2	258158	823246	35.71%	2.158%
96	25.012	3726	3731	3746	rVB3	132180	472925	20.51%	1.240%
97	28.648	4337	4350	4372	rVB2	284227	1421298	61.65%	3.726%
98	29.118	4422	4430	4443	rVB	56366	220560	9.57%	0.578%
99	29.271	4450	4456	4468	rVB2	60951	215429	9.34%	0.565%
100	29.818	4533	4549	4571	rVB3	213759	1064647	46.18%	2.791%

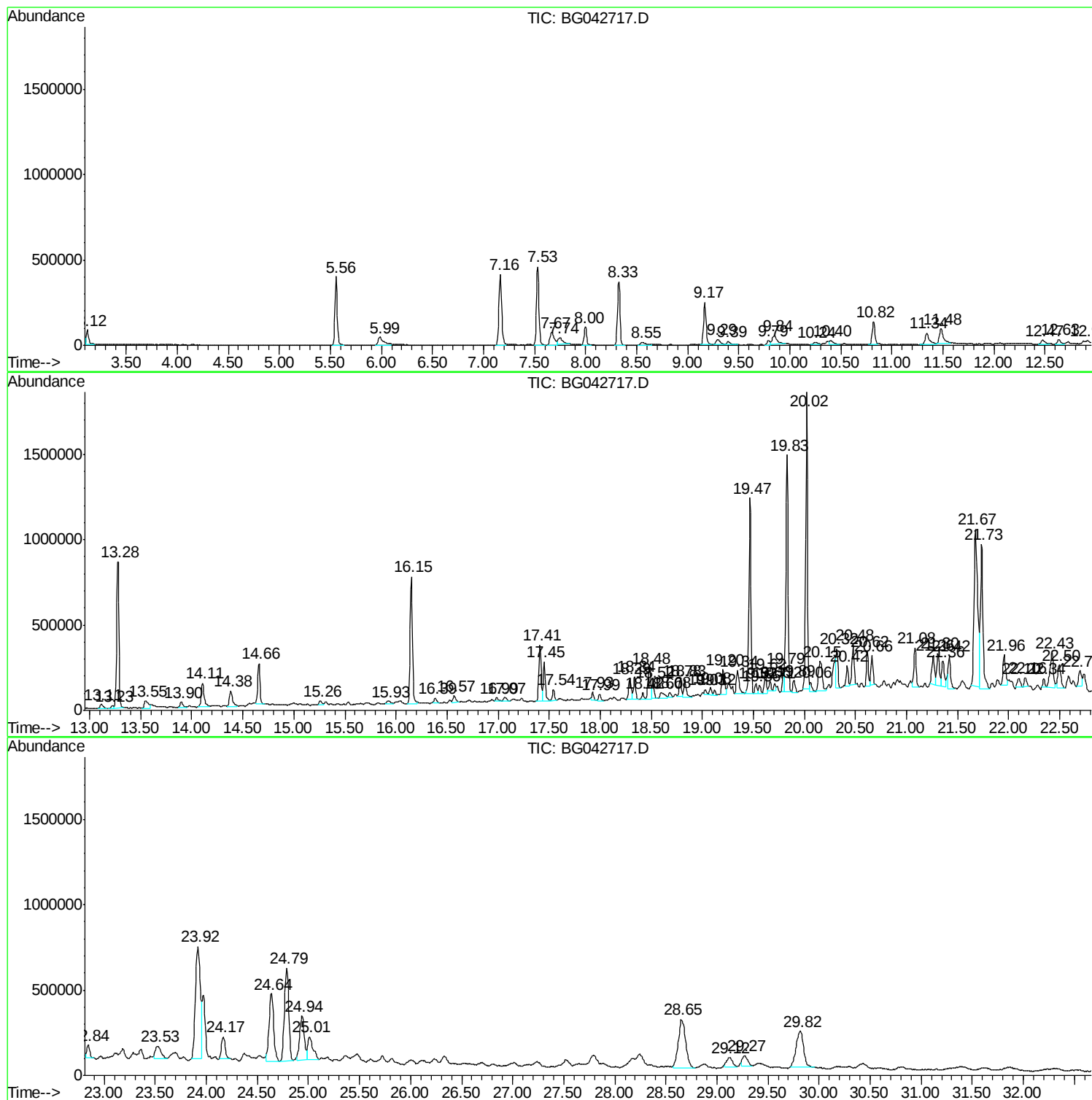
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Instrument :
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ClientSampleId :
SB-7-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.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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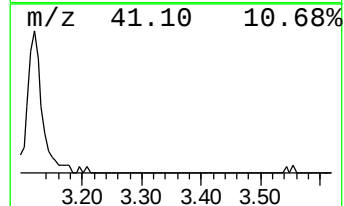
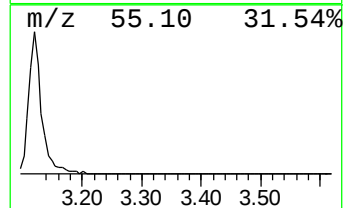
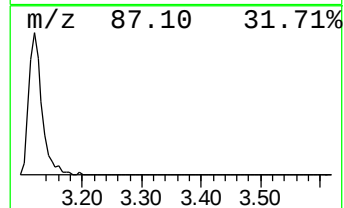
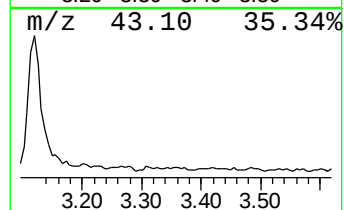
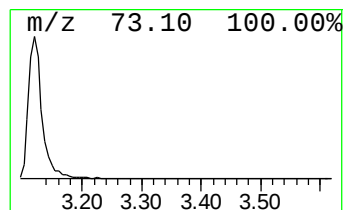
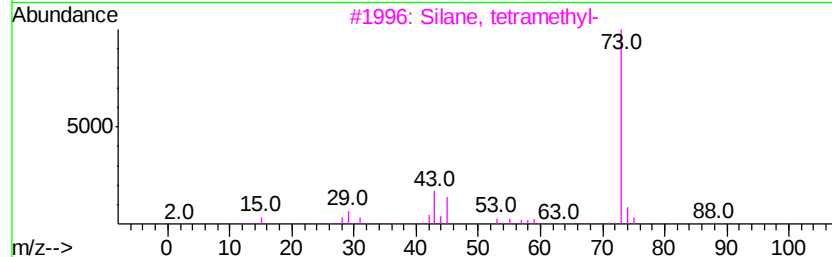
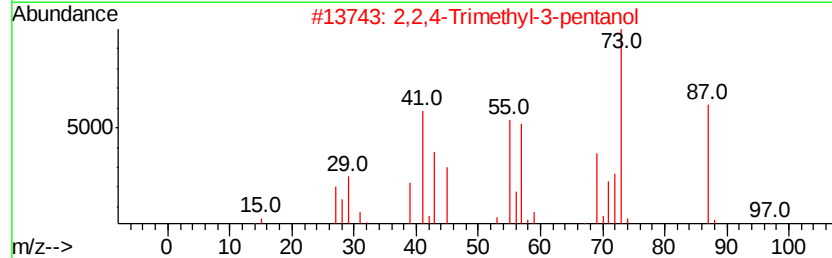
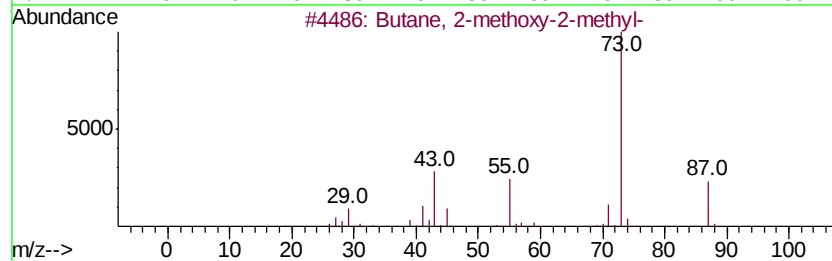
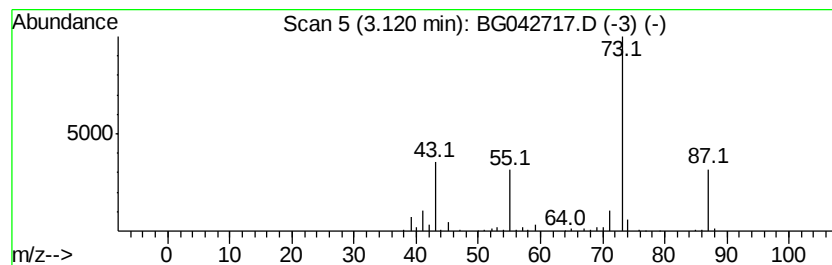
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	12.40 ng	112762	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5		1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



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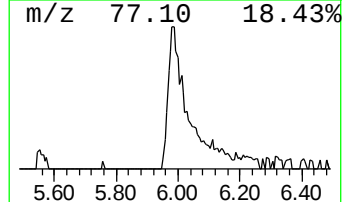
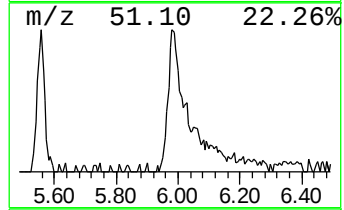
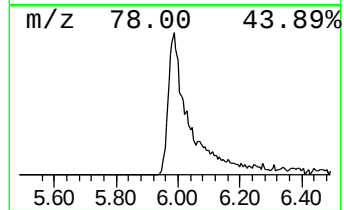
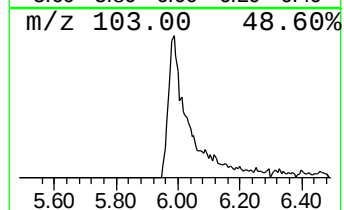
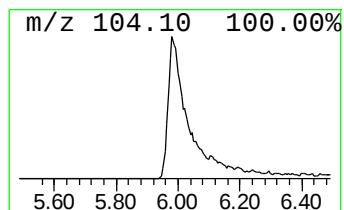
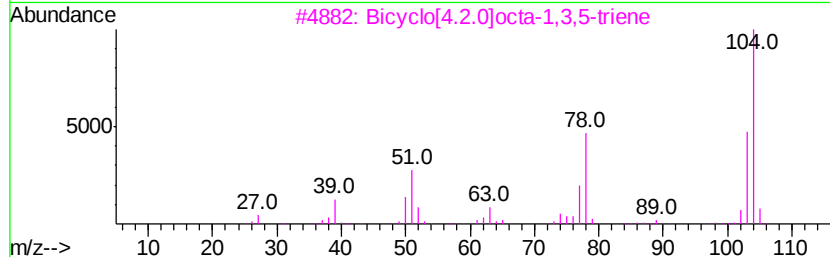
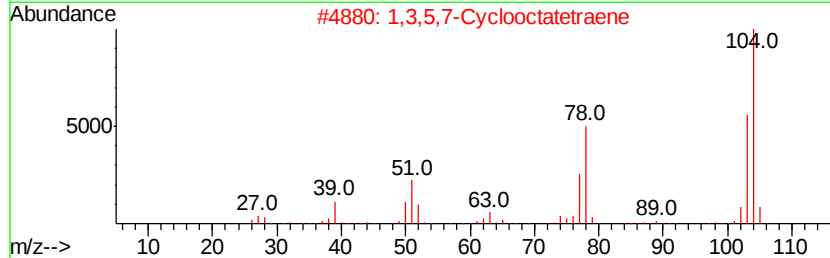
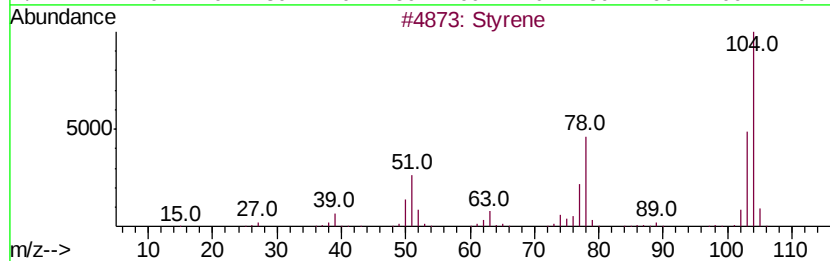
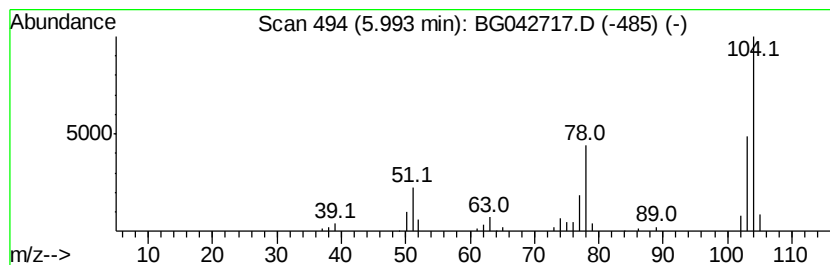
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	20.05 ng	182324	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Styrene	104	C8H8	000100-42-5	96
2		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
3		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	42



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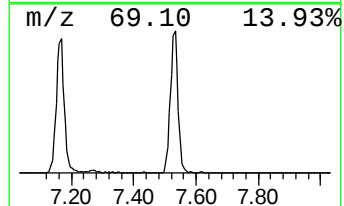
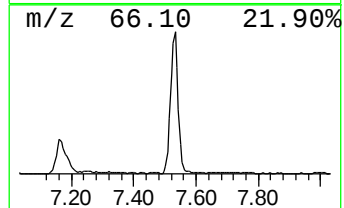
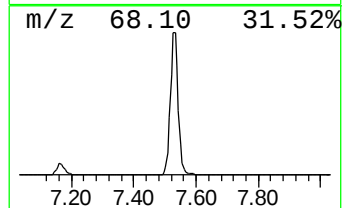
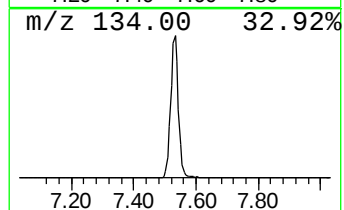
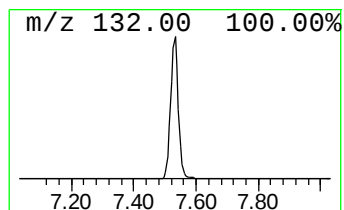
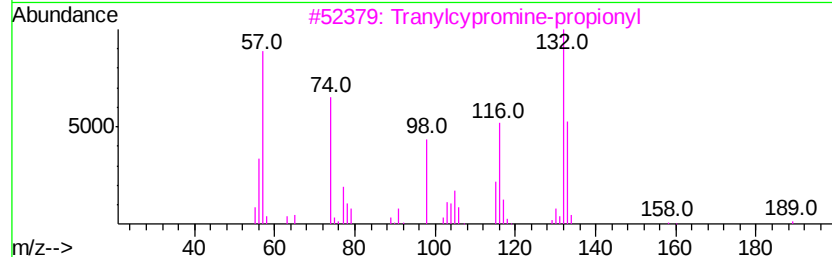
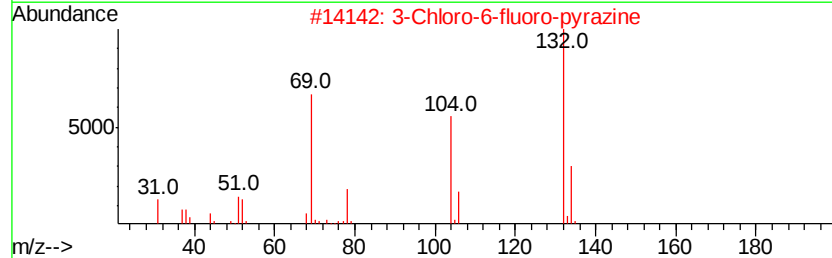
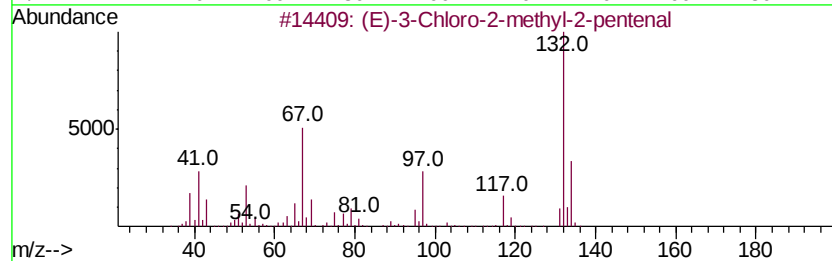
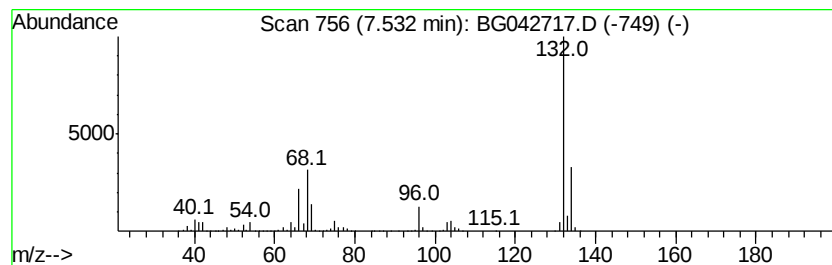
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	87.31 ng	794096	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



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Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

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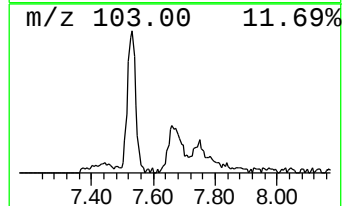
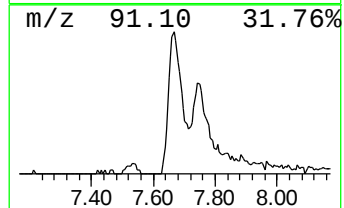
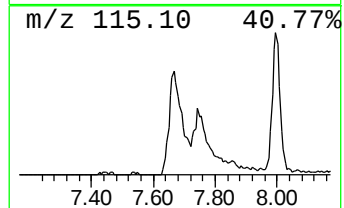
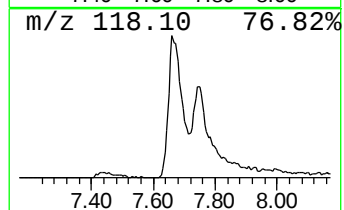
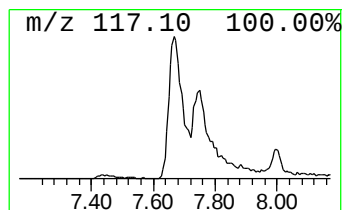
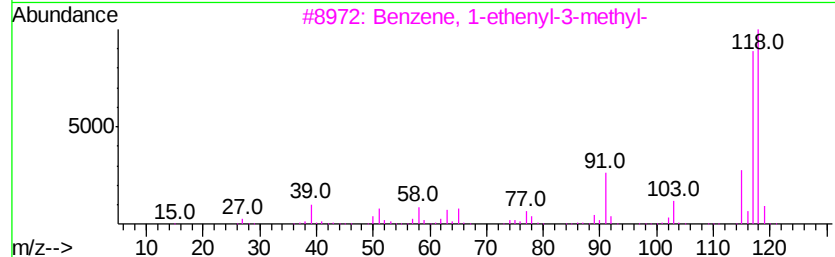
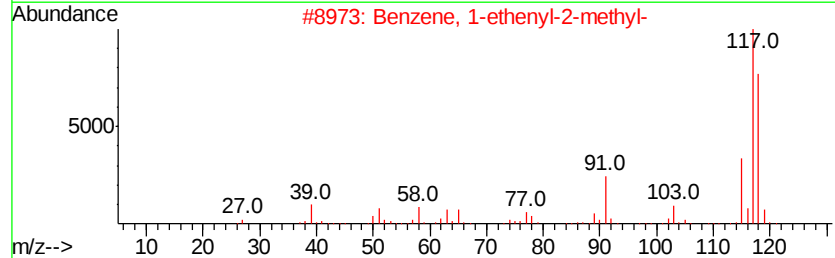
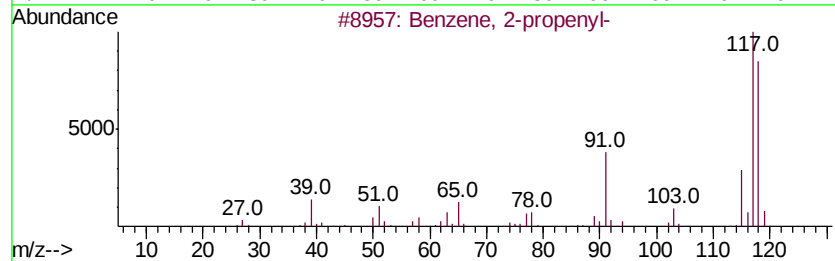
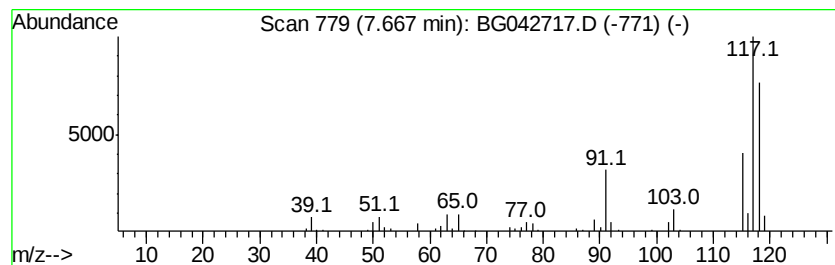
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	24.94 ng	226830	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
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ClientSampleId :
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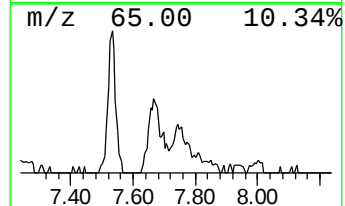
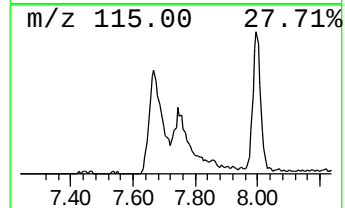
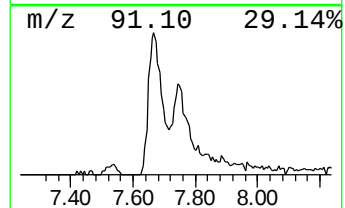
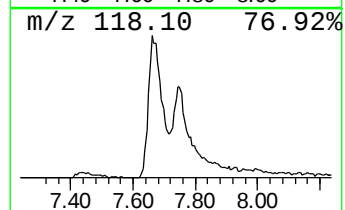
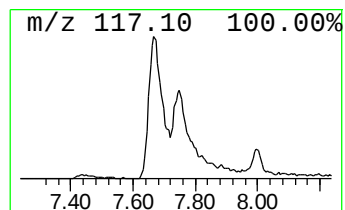
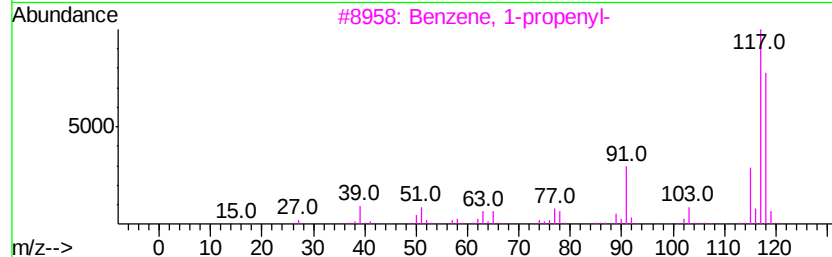
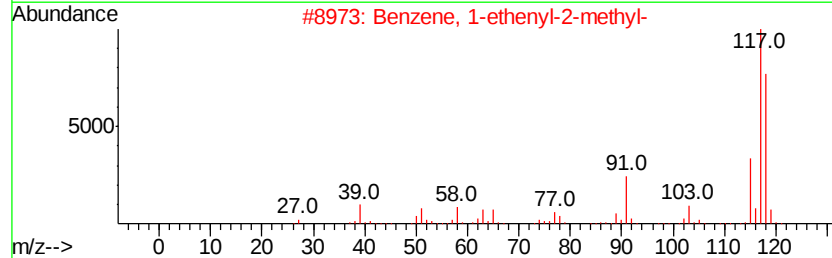
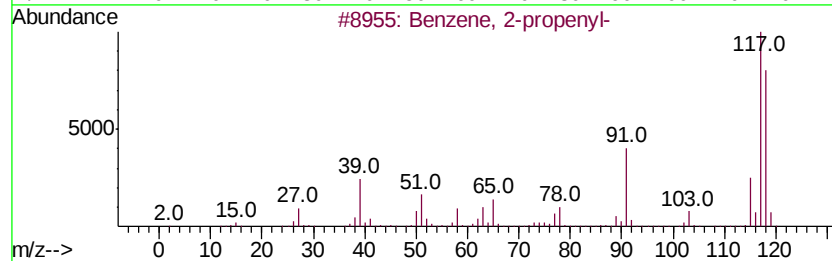
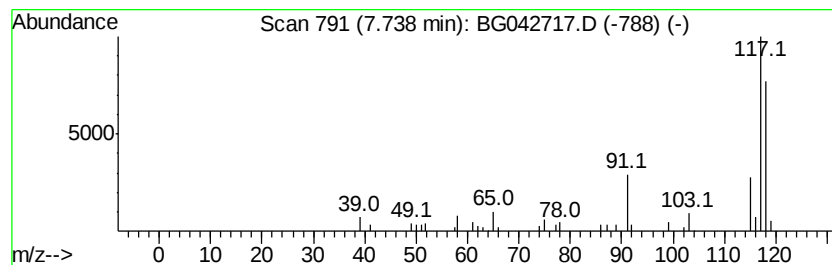
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	13.19 ng	119943	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4		Indane	118	C9H10	000496-11-7	76
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
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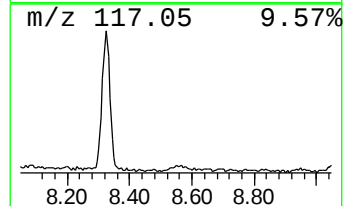
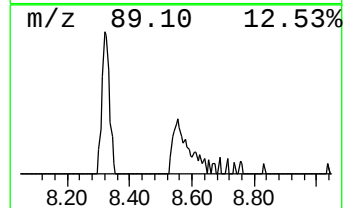
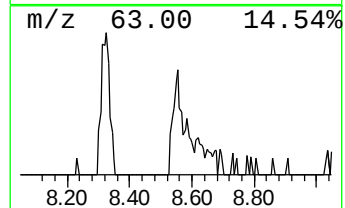
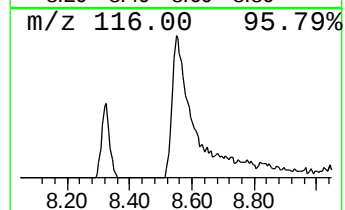
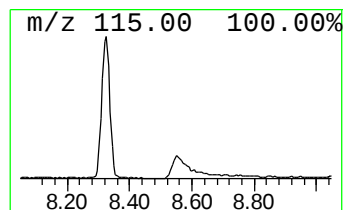
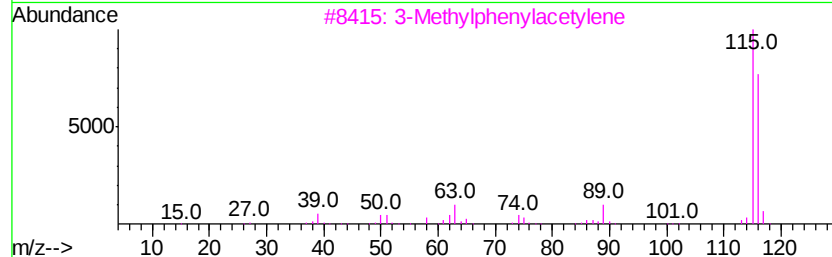
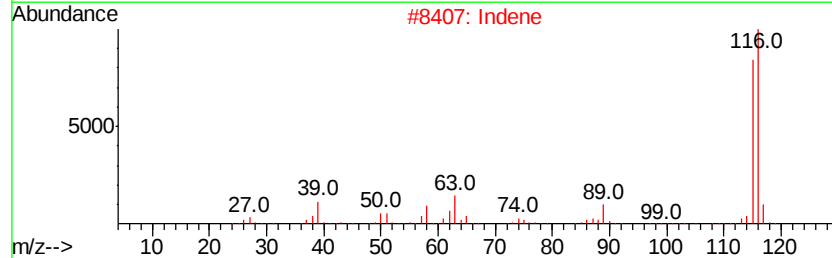
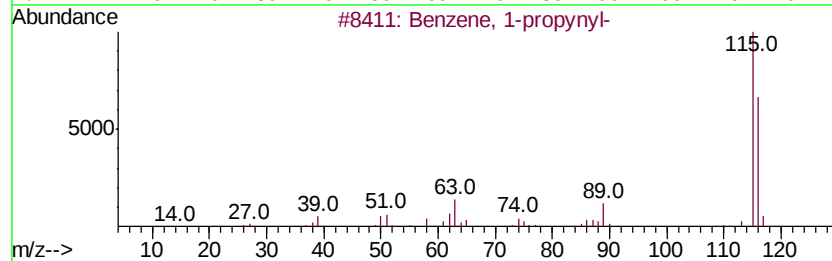
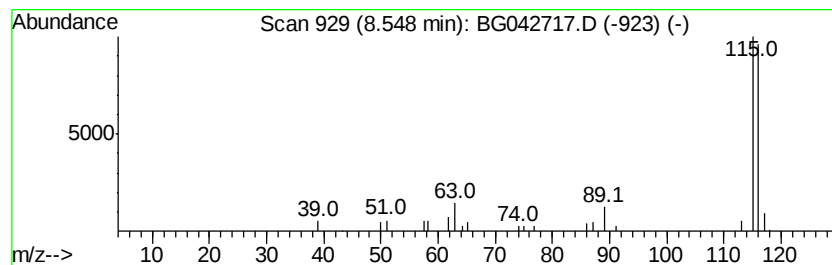
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	7.15 ng	65054	1,4-Dichlorobenzene-d4	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2		Indene	116	C9H8	000095-13-6	91
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
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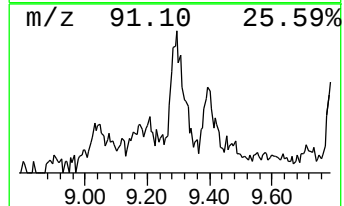
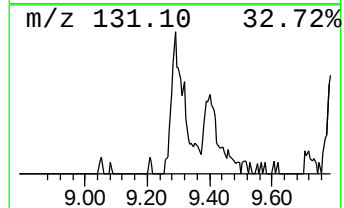
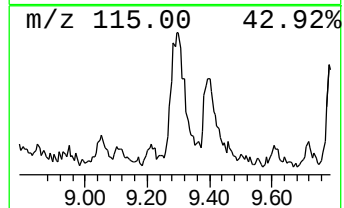
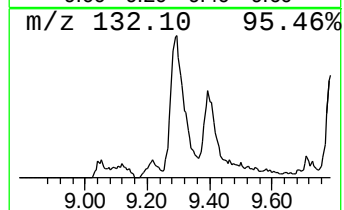
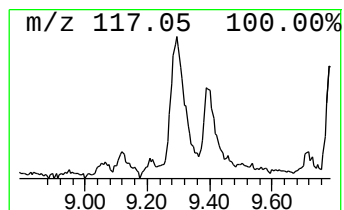
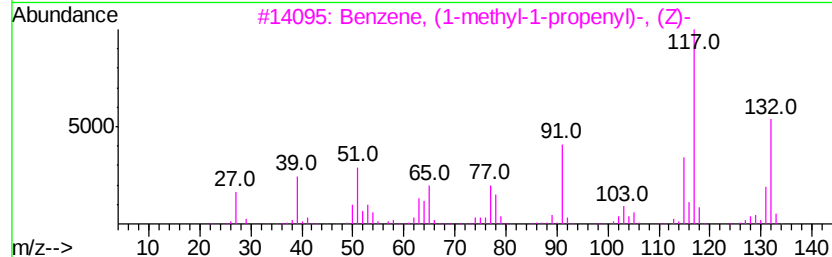
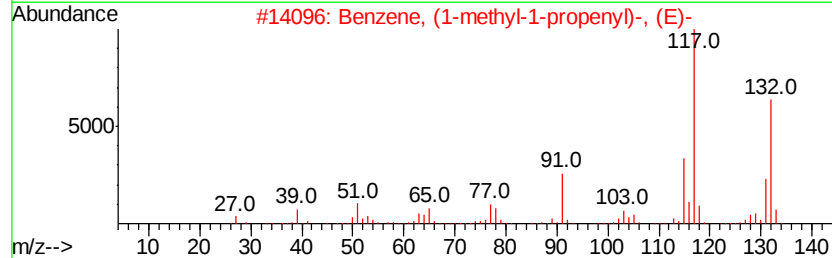
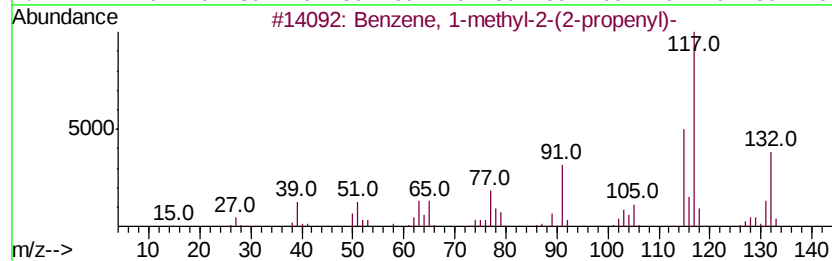
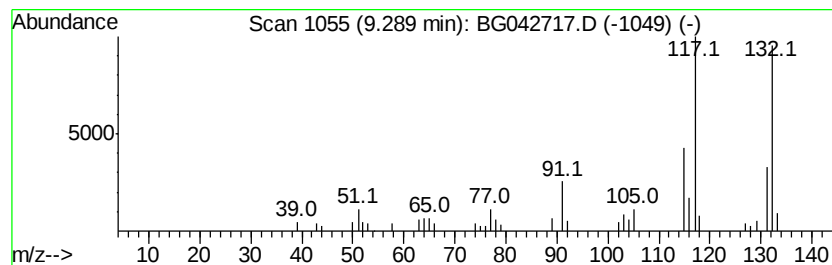
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.21 ng	92890	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
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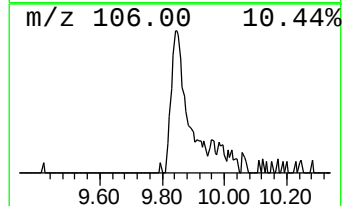
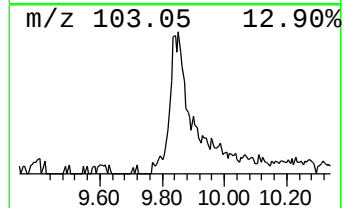
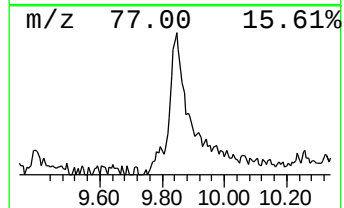
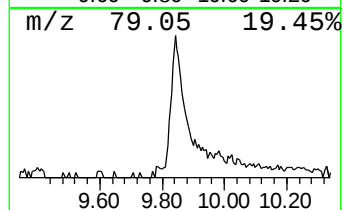
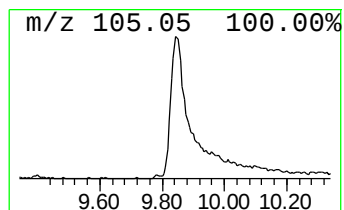
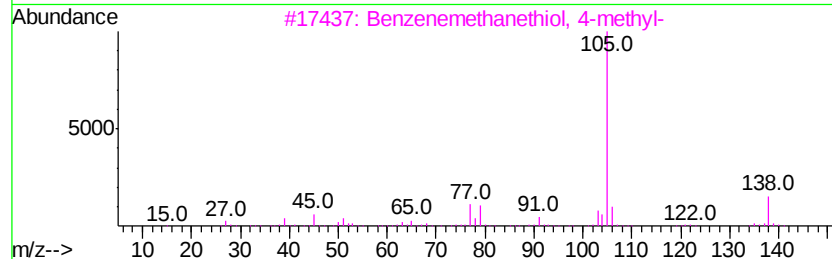
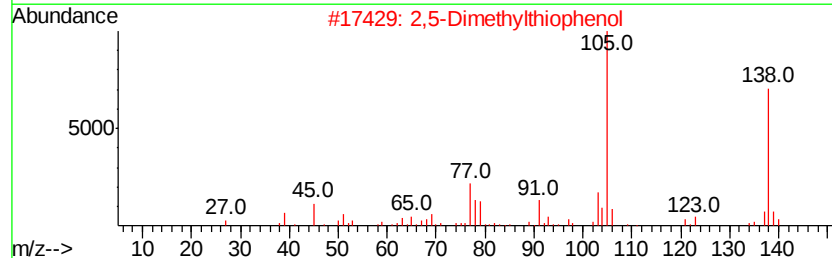
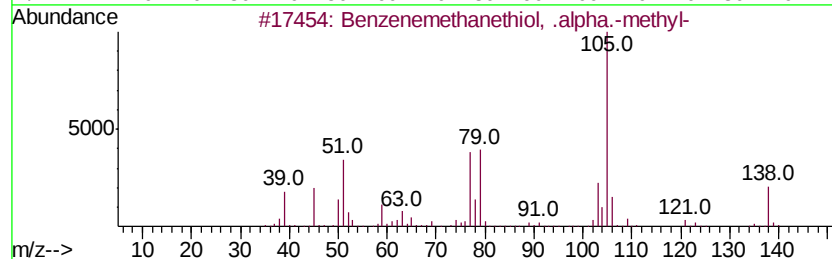
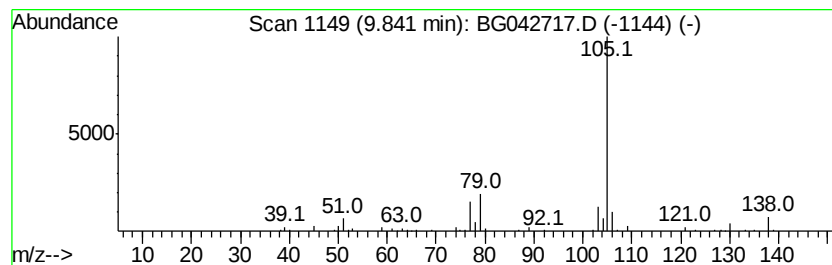
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzenemethanethiol, .alpha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	13.43 ng	164617	Napthalene-d8	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	80
2		2,5-Dimethylthiophenol	138	C8H10S	004001-61-0	72
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
4		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64
5		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
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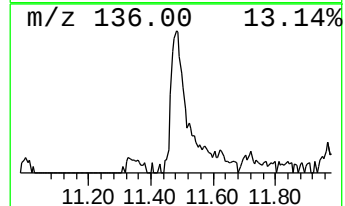
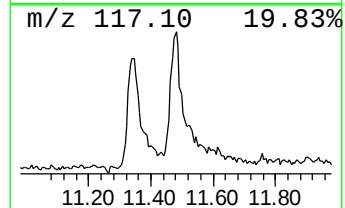
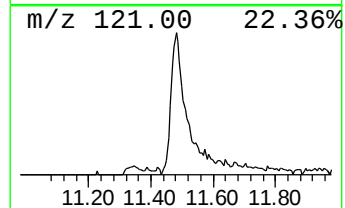
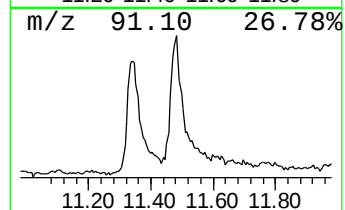
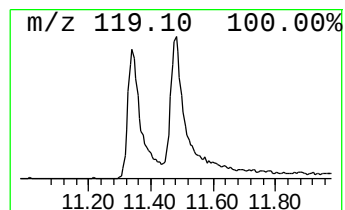
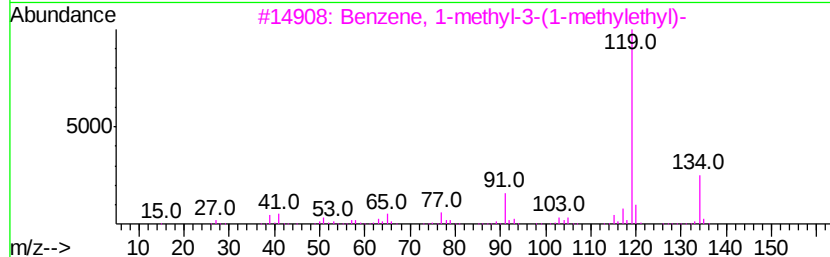
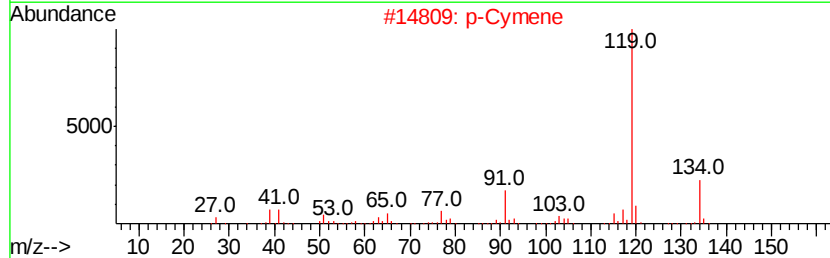
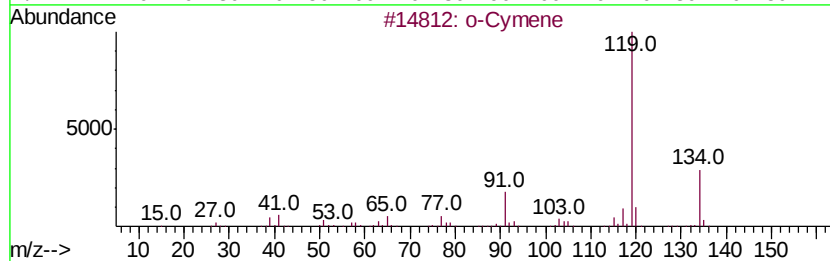
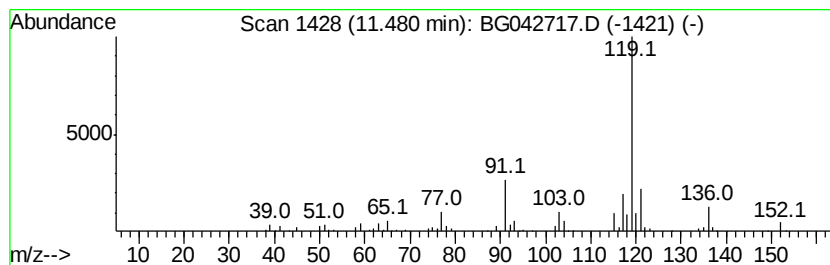
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	19.63 ng	240657	Napthalene-d8	10.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 76
2		p-Cymene	134 C10H14	000099-87-6 76
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 68
4		1,3-Cyclopentadiene, 1,2,3,4-tet-	134 C10H14	076089-59-3 59
5		m-Toluic acid, 2,2-dimethylpropyl-	206 C13H18O2	069912-00-1 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
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ALS Vial : 18 Sample Multiplier: 1

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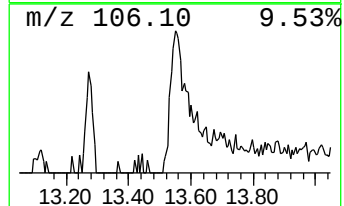
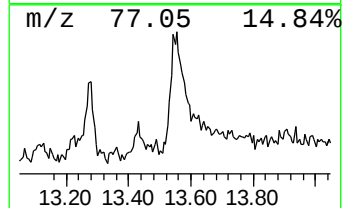
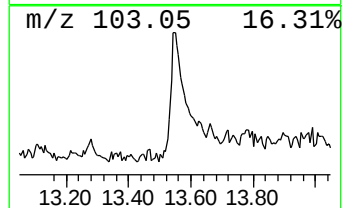
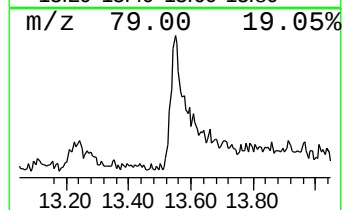
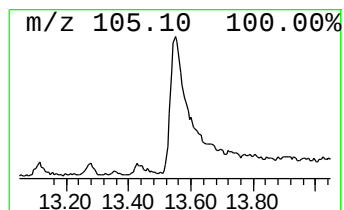
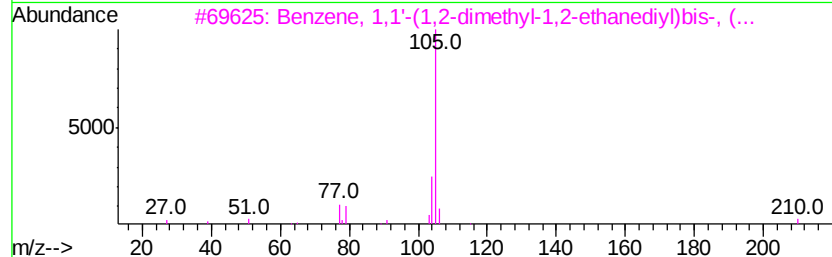
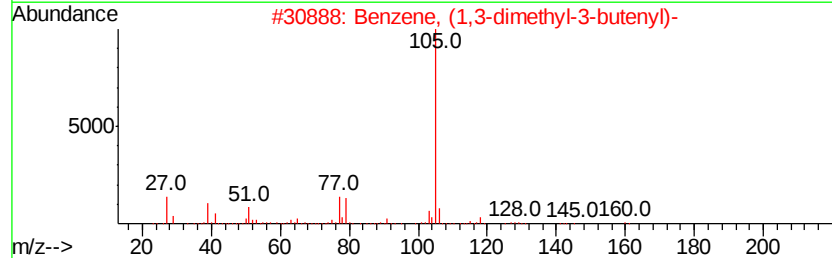
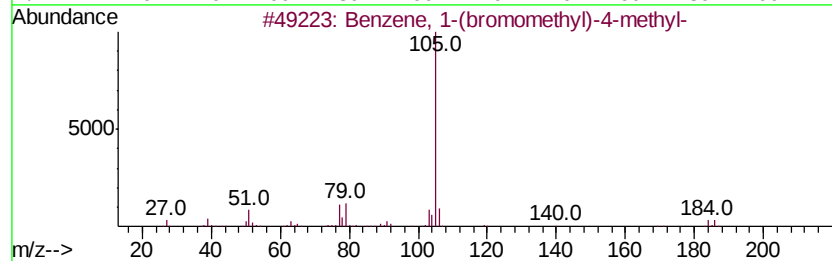
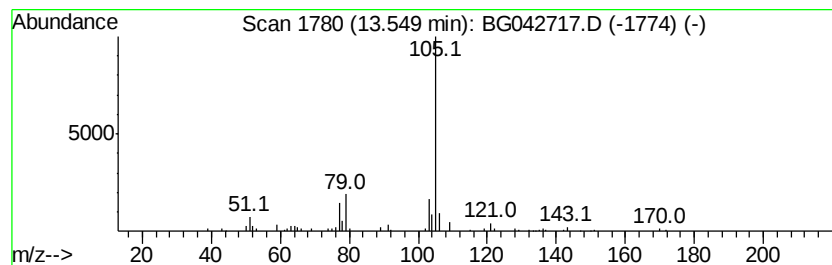
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-(bromomethyl)-4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	7.07 ng	135214	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	53
2		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	53
3		Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	002726-21-8	53
4		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	53
5		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7-(0-2)

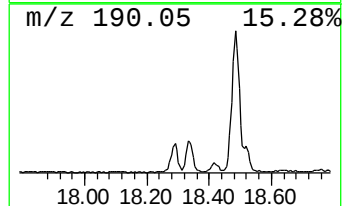
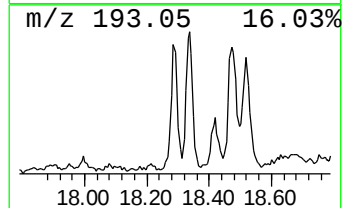
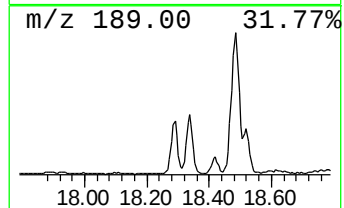
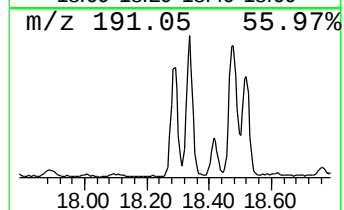
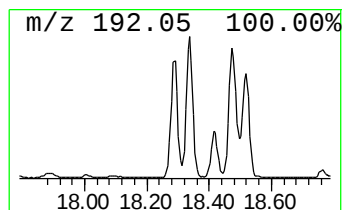
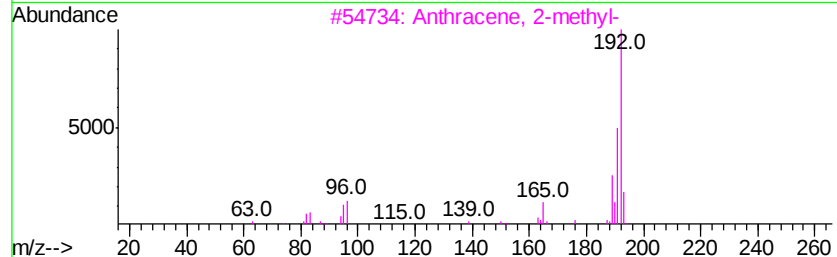
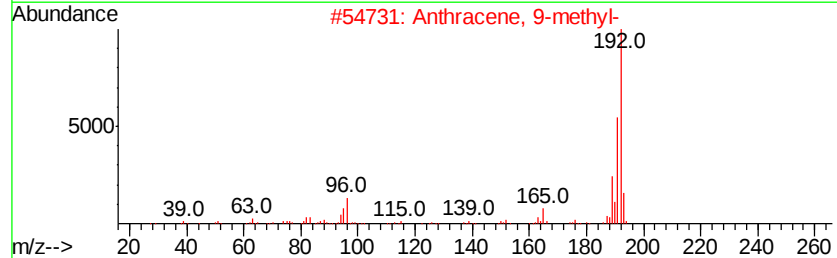
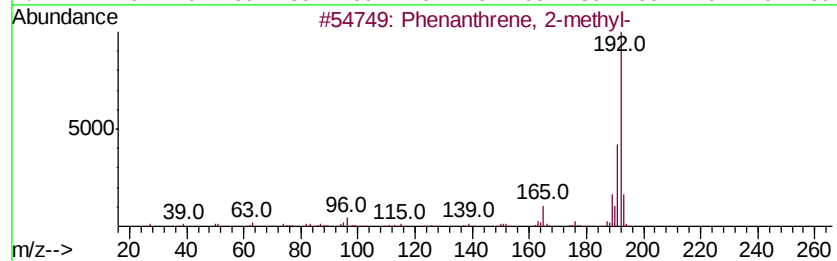
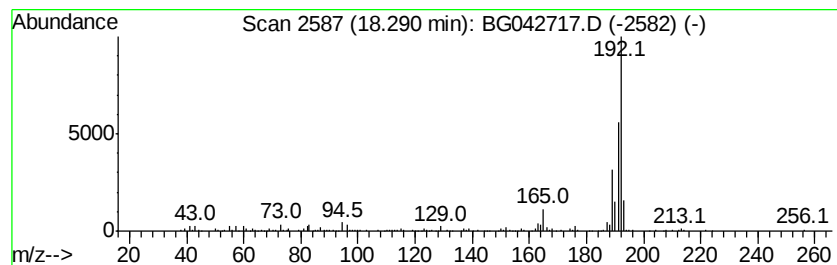
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	8.50 ng	214869	Phenanthrene-d10	17.41

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	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7-(0-2)

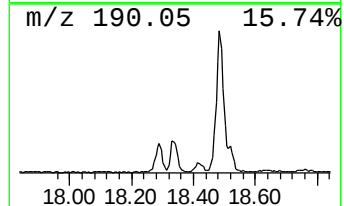
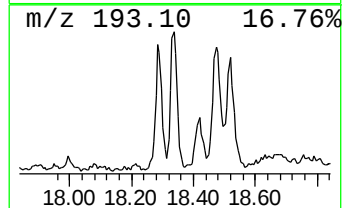
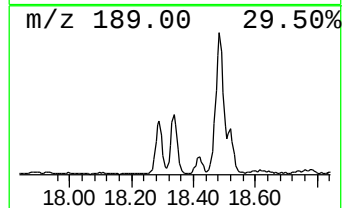
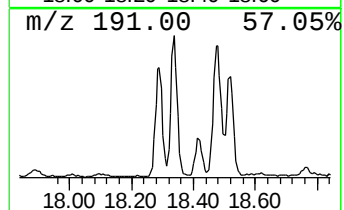
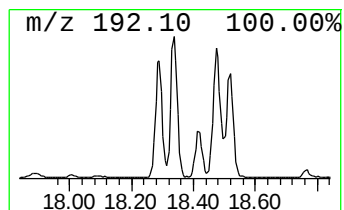
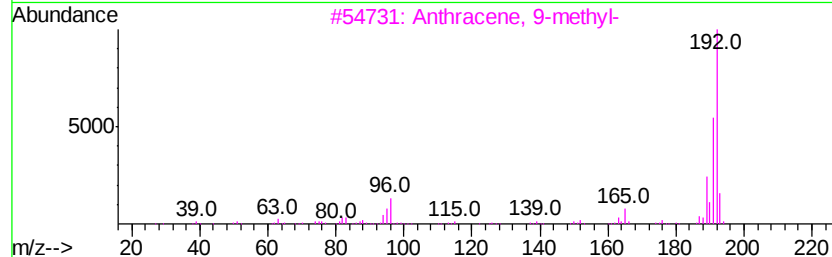
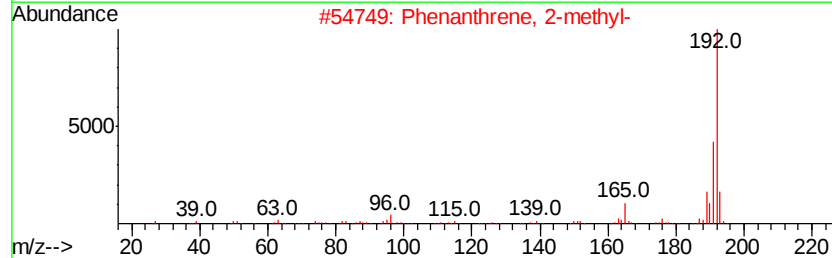
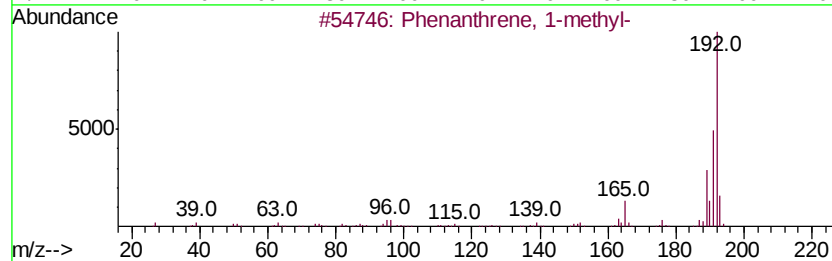
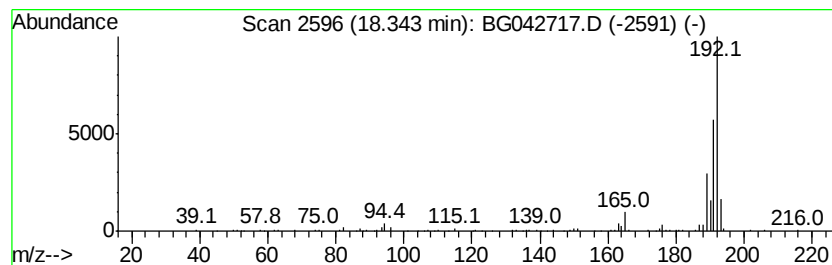
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	7.79 ng	197041	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

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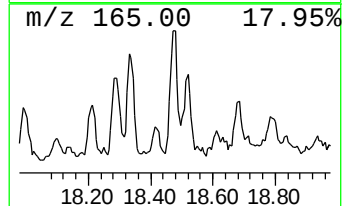
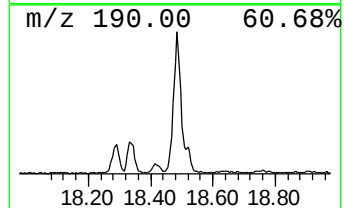
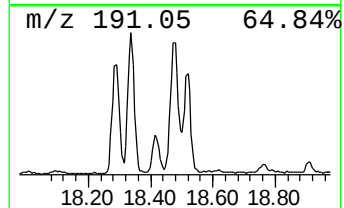
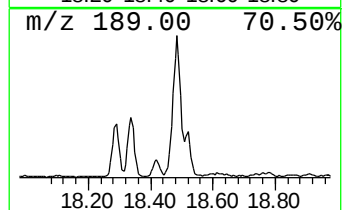
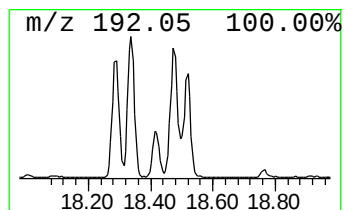
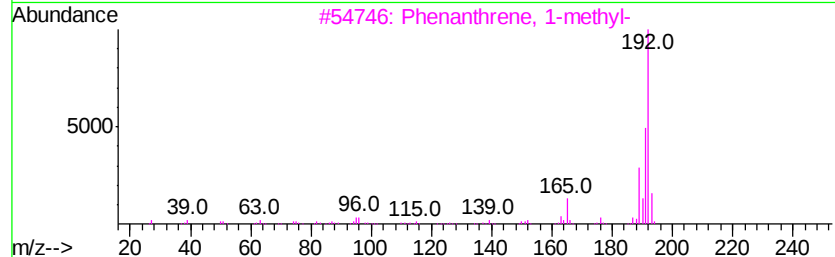
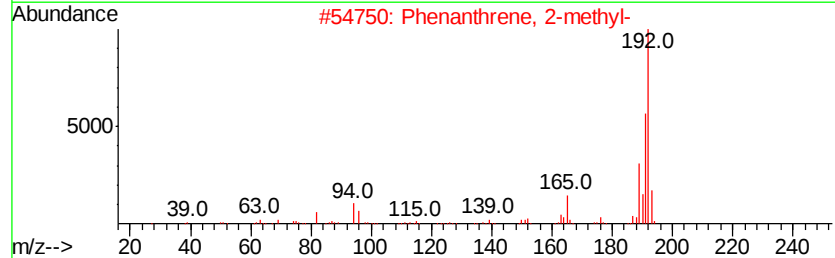
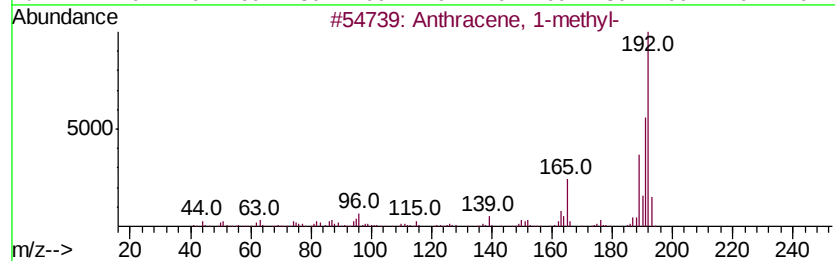
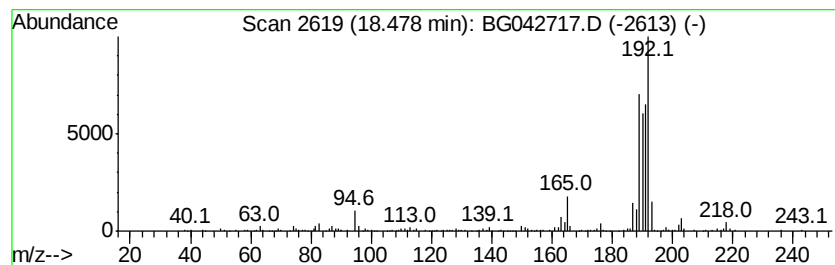
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	13.45 ng	340022	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

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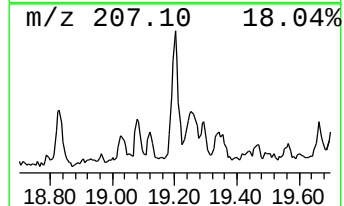
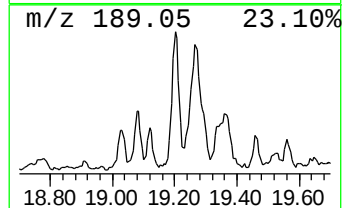
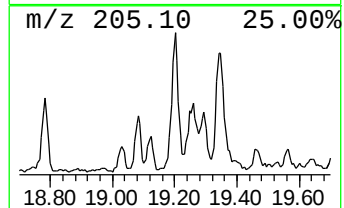
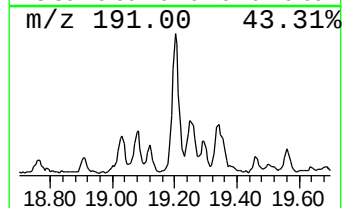
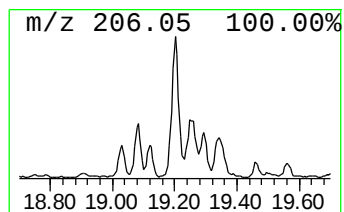
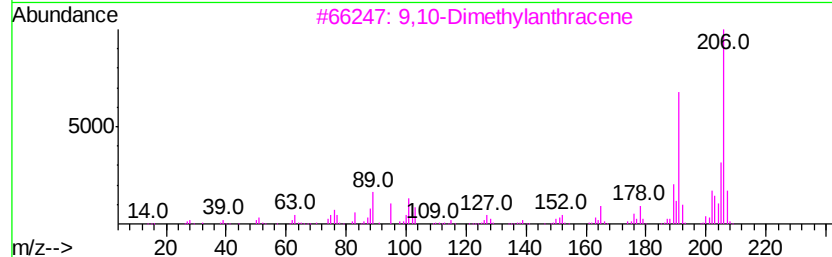
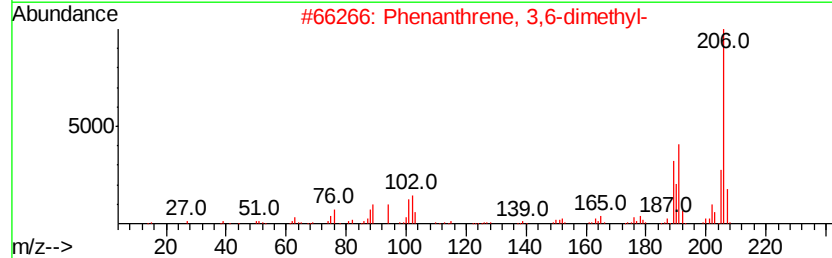
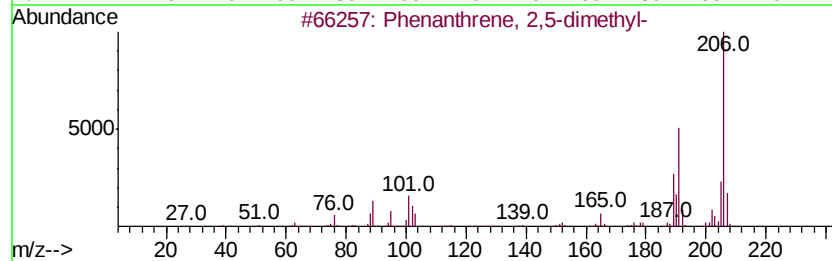
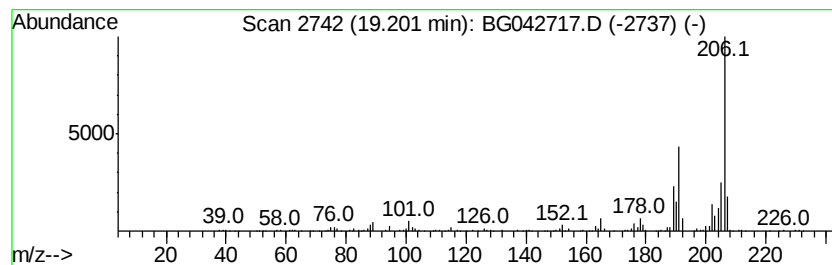
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	10.86 ng	274537	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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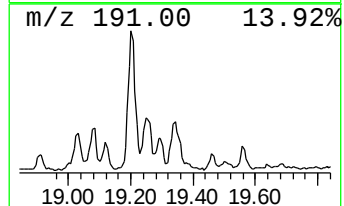
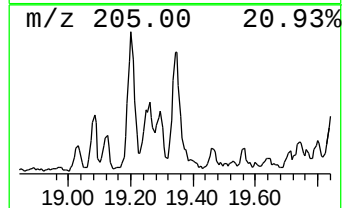
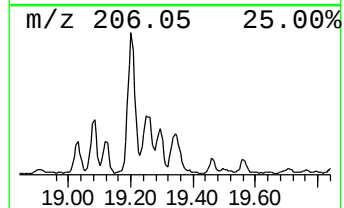
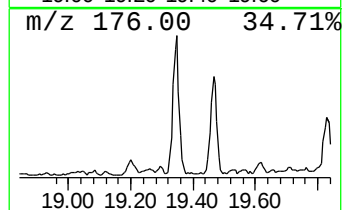
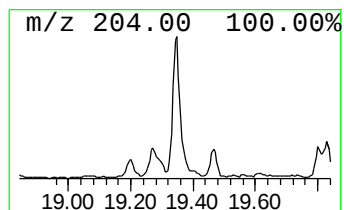
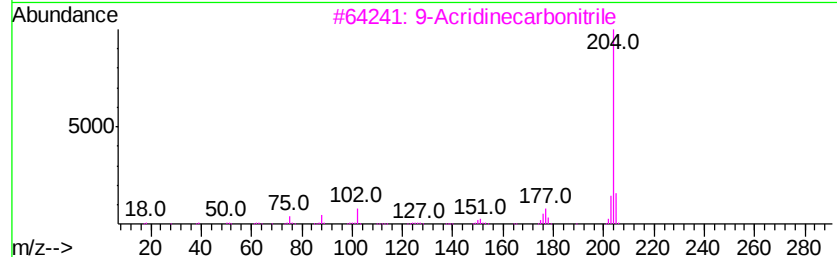
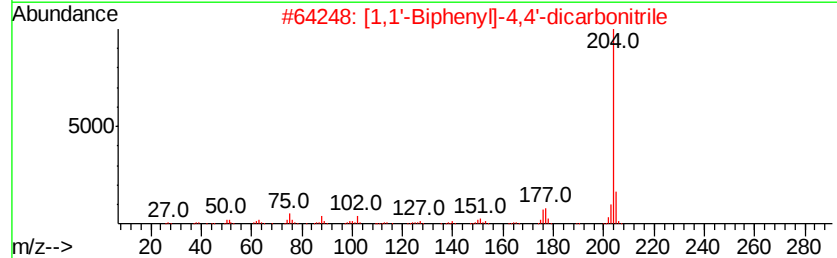
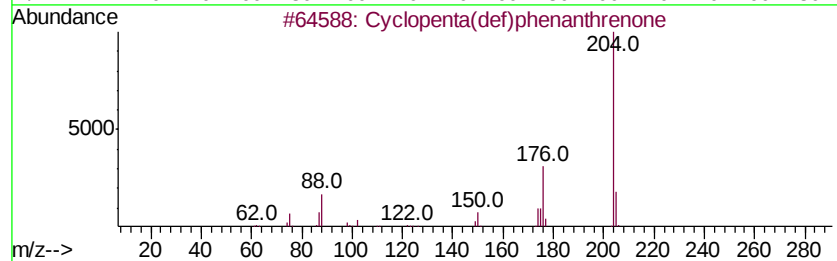
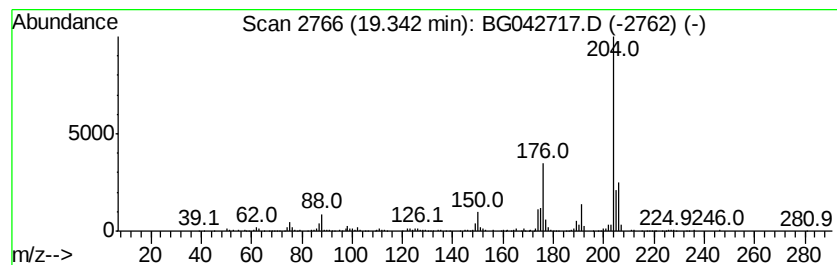
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	9.78 ng	247221	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
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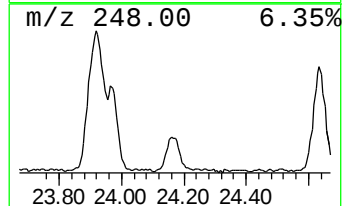
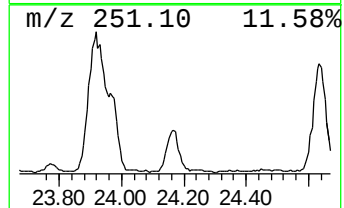
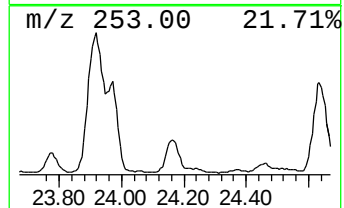
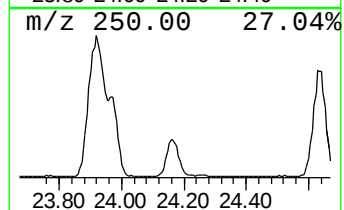
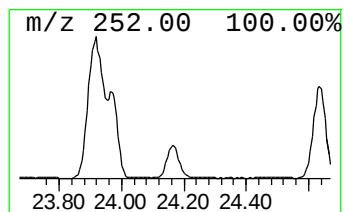
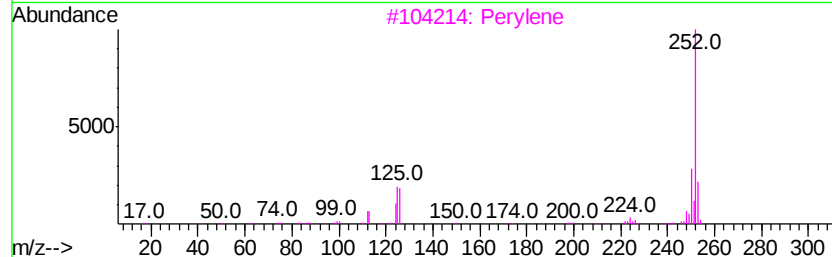
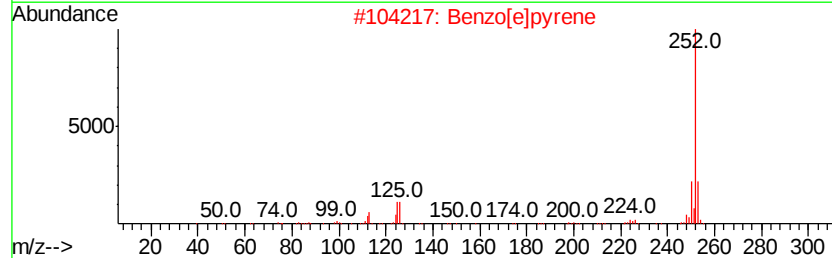
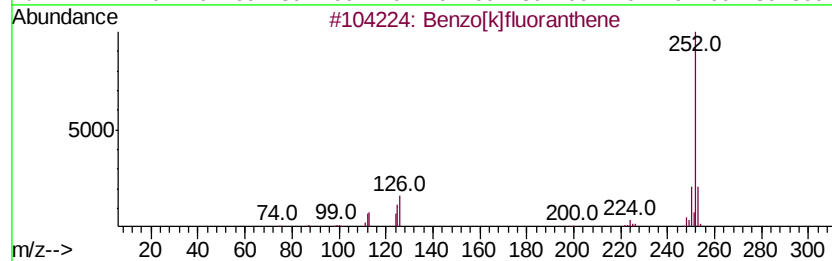
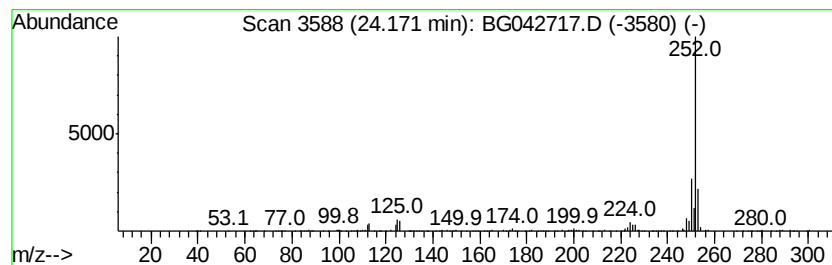
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	8.03 ng	330445	Perylene-d12	24.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	91
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042717.D
Acq On : 4 Sep 2019 21:10
Operator : HP/JU
Sample : K4554-25
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7-(0-2)

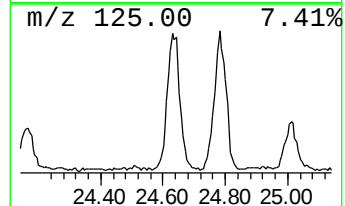
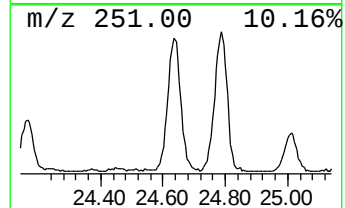
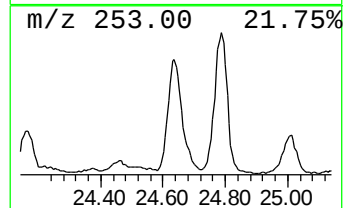
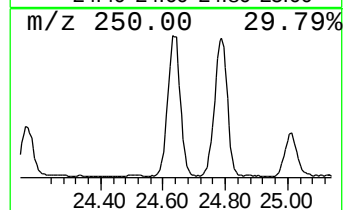
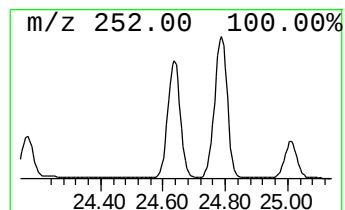
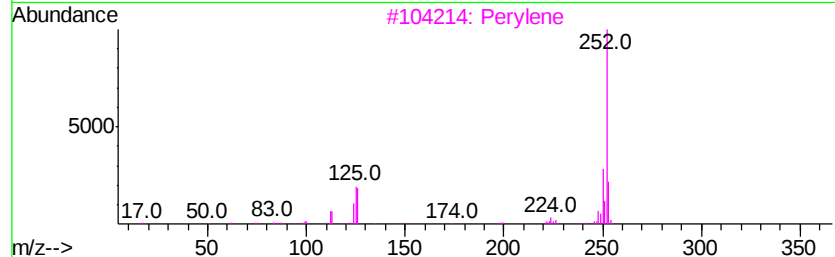
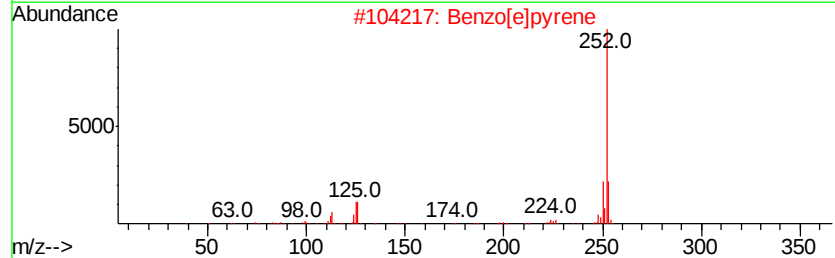
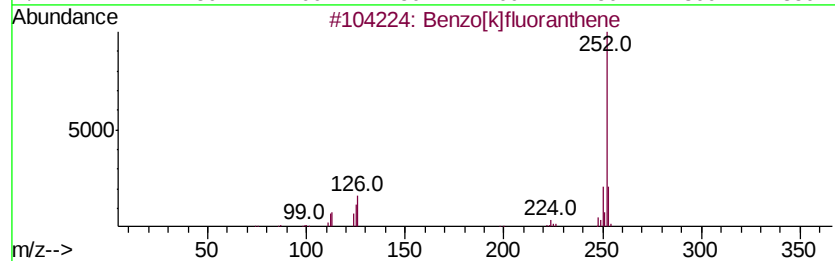
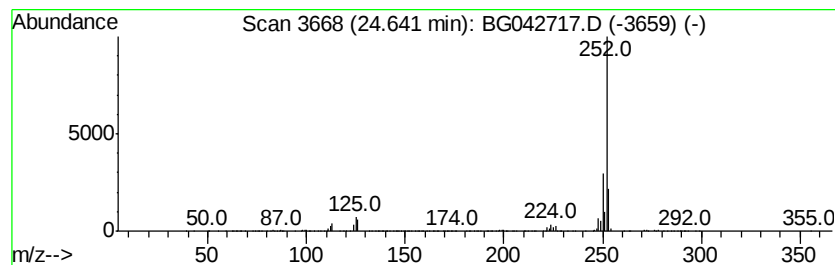
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	30.09 ng	1238570	Perylene-d12	24.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090419\
 Data File : BG042717.D
 Acq On : 4 Sep 2019 21:10
 Operator : HP/JU
 Sample : K4554-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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
Butane, 2-methoxy...	3.12	12.4	ng	112762	1	8.00	181893	20.0
1,3,5,7-Cycloocta...	5.99	20.1	ng	182324	1	8.00	181893	20.0
unknown7.53	7.53	87.3	ng	794096	1	8.00	181893	20.0
Benzene, 2-propenyl-	7.67	24.9	ng	226830	1	8.00	181893	20.0
Benzene, 1-propenyl-	7.74	13.2	ng	119943	1	8.00	181893	20.0
Indene	8.55	7.2	ng	65054	1	8.00	181893	20.0
Benzene, 1-methyl...	9.29	10.2	ng	92890	1	8.00	181893	20.0
Benzenemethanethi...	9.84	13.4	ng	164617	2	10.82	245232	20.0
o-Cymene	11.48	19.6	ng	240657	2	10.82	245232	20.0
Benzene, 1-(bromo...	13.55	7.1	ng	135214	3	14.65	382301	20.0
Phenanthrene, 2-m...	18.29	8.5	ng	214869	4	17.41	505695	20.0
Phenanthrene, 1-m...	18.34	7.8	ng	197041	4	17.41	505695	20.0
Anthracene, 1-met...	18.48	13.4	ng	340022	4	17.41	505695	20.0
Phenanthrene, 2,5...	19.20	10.9	ng	274537	4	17.41	505695	20.0
Cyclopenta(def)ph...	19.34	9.8	ng	247221	4	17.41	505695	20.0
Benzo[e]pyrene	24.17	8.0	ng	330445	6	24.94	823246	20.0
Perylene	24.64	30.1	ng	1238570	6	24.94	823246	20.0