

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044042.D
 Acq On : 14 Jan 2020 18:46
 Operator : JU
 Sample : L1108-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-A

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-BG123019.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	3.126	3	6	28	rVB2	674759	1560648	35.30%	3.171%
2	4.136	172	178	188	rBV	455857	765391	17.31%	1.555%
3	4.454	228	232	240	rBV	75759	115820	2.62%	0.235%
4	5.053	328	334	346	rBV	370041	588856	13.32%	1.196%
5	5.529	408	415	428	rBV	1458174	2378304	53.80%	4.832%
6	7.121	677	686	698	rBV	1562773	2758576	62.40%	5.605%
7	7.485	739	748	758	rBV	1523085	2716124	61.44%	5.519%
8	7.950	819	827	835	rBV	427831	744901	16.85%	1.514%
9	8.273	871	882	890	rBV	1194709	2098132	47.46%	4.263%
10	9.101	1014	1023	1036	rBV	906720	1653390	37.40%	3.360%
11	10.746	1295	1303	1311	rBV	601138	1073223	24.28%	2.181%
12	13.202	1714	1721	1732	rBV	2416831	3802502	86.02%	7.726%
13	14.031	1855	1862	1867	rBV	229234	344991	7.80%	0.701%
14	14.577	1947	1955	1962	rBV	922335	1466476	33.17%	2.980%
15	14.642	1962	1966	1973	rVB	27500	44951	1.02%	0.091%
16	15.623	2124	2133	2138	rBV4	25409	44632	1.01%	0.091%
17	16.064	2201	2208	2220	rBV	1812011	2812181	63.61%	5.714%
18	16.633	2296	2305	2310	rBV9	16269	47177	1.07%	0.096%
19	16.980	2357	2364	2371	rVB2	20239	44709	1.01%	0.091%
20	17.321	2415	2422	2426	rBV	1048806	1615898	36.55%	3.283%
21	17.362	2426	2429	2435	rVV	406190	585333	13.24%	1.189%
22	17.450	2435	2444	2450	rVB	107288	185637	4.20%	0.377%
23	17.720	2483	2490	2494	rBV6	27809	62407	1.41%	0.127%
24	18.196	2567	2571	2574	rBV	79134	122372	2.77%	0.249%
25	18.243	2574	2579	2584	rVV	129733	267203	6.04%	0.543%
26	18.290	2584	2587	2590	rVV	61434	82797	1.87%	0.168%
27	18.326	2590	2593	2598	rVV	49497	71683	1.62%	0.146%
28	18.390	2598	2604	2608	rVV3	129026	250853	5.67%	0.510%
29	18.425	2608	2610	2616	rVB	66841	87177	1.97%	0.177%
30	18.696	2652	2656	2659	rBV	55141	75803	1.71%	0.154%
31	18.731	2659	2662	2667	rVB3	38760	54112	1.22%	0.110%
32	19.113	2722	2727	2731	rBV	78019	131066	2.96%	0.266%
33	19.248	2746	2750	2758	rBV2	60409	104828	2.37%	0.213%
34	19.371	2766	2771	2778	rBV	1083642	1523887	34.47%	3.096%

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35	19.730	2823	2832	2841	rBV	994452	1719269	38.89%	3.493%
36	19.806	2842	2845	2847	rBV2	38341	55383	1.25%	0.113%
37	19.935	2860	2867	2872	rBV	3316583	4420680	100.00%	8.982%
38	20.059	2883	2888	2896	rBV5	85237	208292	4.71%	0.423%
39	20.223	2913	2916	2920	rVB	132488	175496	3.97%	0.357%
40	20.329	2931	2934	2937	rVB	59408	64337	1.46%	0.131%
41	20.382	2939	2943	2948	rVB2	208307	275148	6.22%	0.559%
42	20.523	2964	2967	2971	rBV2	73641	100415	2.27%	0.204%
43	20.899	3027	3031	3035	rVB	133852	159657	3.61%	0.324%
44	20.975	3041	3044	3053	rVB	92612	146736	3.32%	0.298%
45	21.199	3080	3082	3085	rBV2	64190	74562	1.69%	0.152%
46	21.240	3085	3089	3096	rVV4	631320	1092704	24.72%	2.220%
47	21.304	3096	3100	3110	rVB2	186451	315891	7.15%	0.642%
48	21.434	3119	3122	3127	rBV	131831	180647	4.09%	0.367%
49	21.569	3137	3145	3150	rBV2	1136343	2582364	58.42%	5.247%
50	21.616	3150	3153	3163	rVB	460119	749352	16.95%	1.523%
51	22.386	3280	3284	3290	rVB	355853	601941	13.62%	1.223%
52	23.708	3504	3509	3517	rBV	269413	772345	17.47%	1.569%
53	23.901	3536	3542	3560	rVB2	850873	2235976	50.58%	4.543%
54	24.407	3623	3628	3641	rVB2	217103	614240	13.89%	1.248%
55	24.548	3645	3652	3667	rVB	301712	861491	19.49%	1.750%
56	24.700	3670	3678	3685	rBV3	555849	1526326	34.53%	3.101%

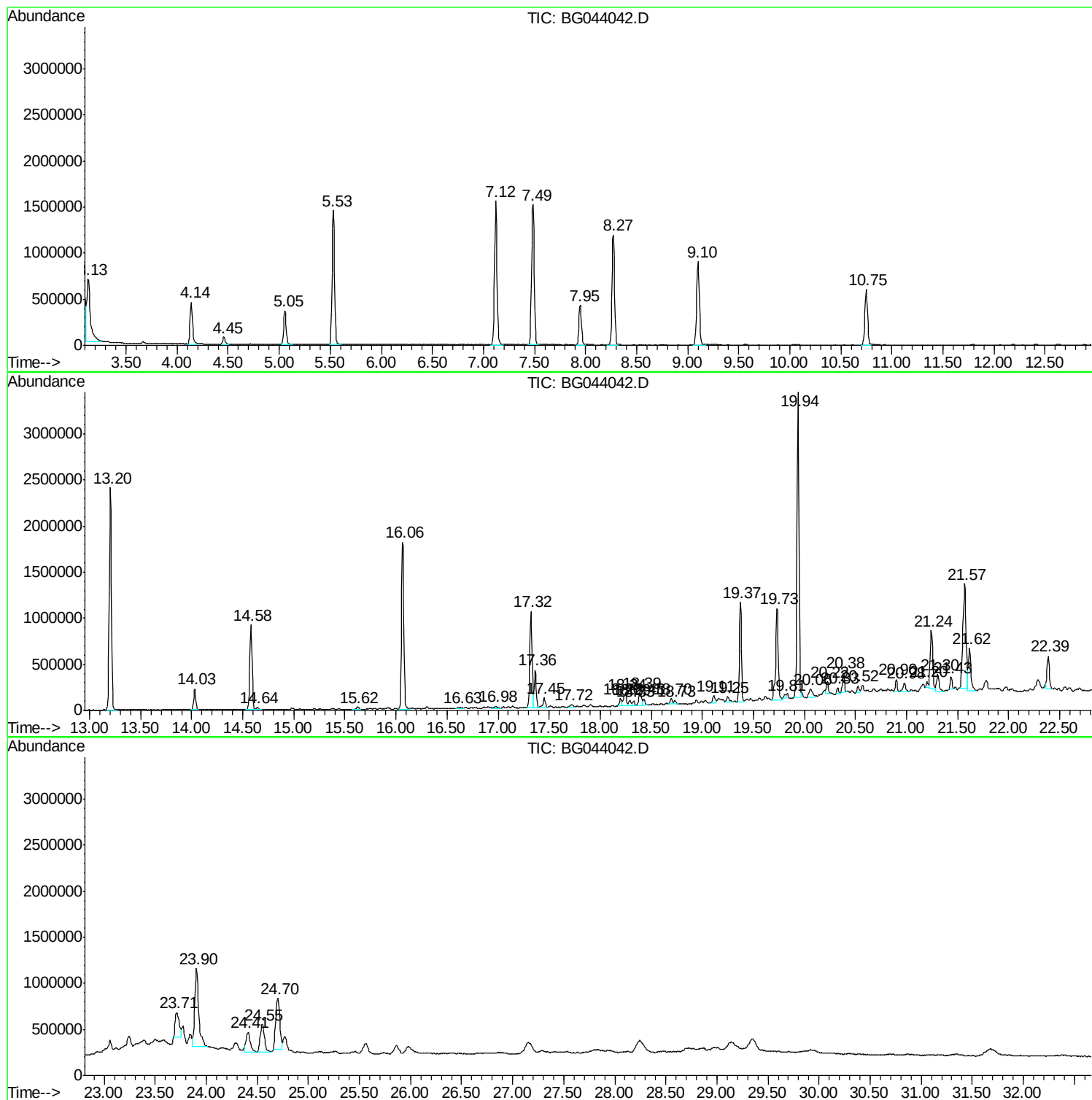
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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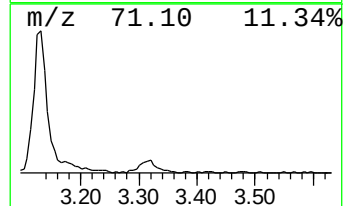
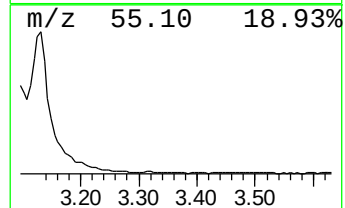
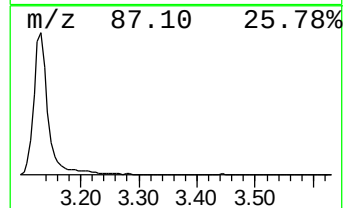
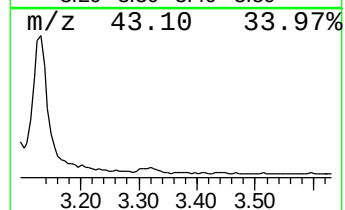
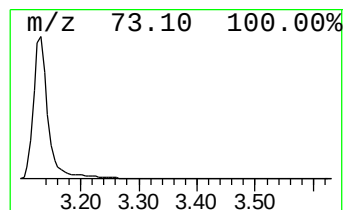
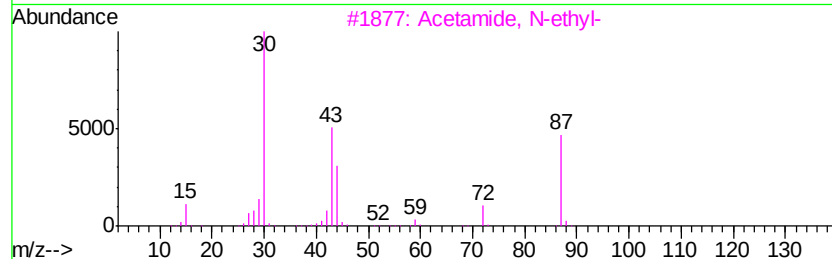
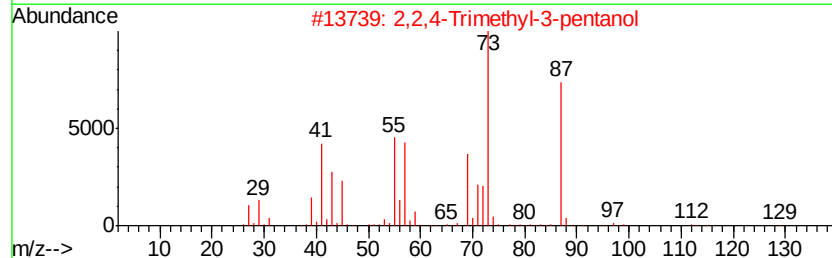
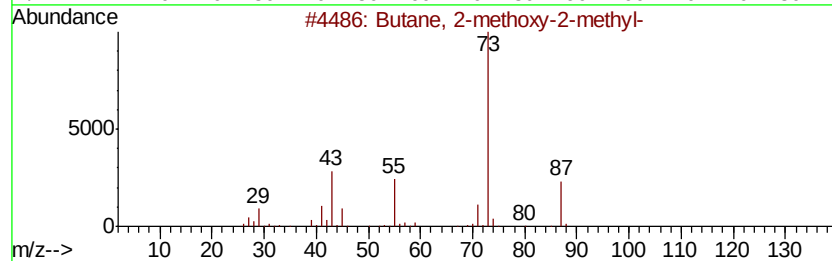
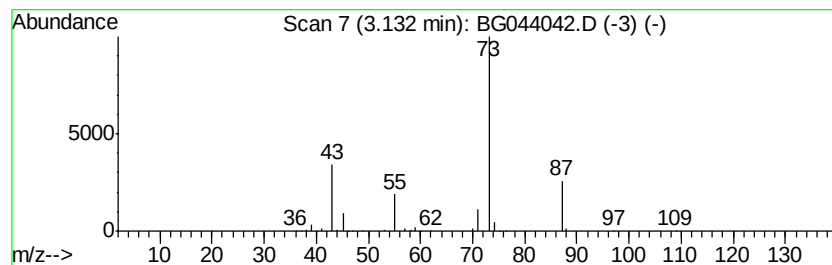
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	41.90 ng	1560650	1,4-Dichlorobenzene-d4	7.94

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	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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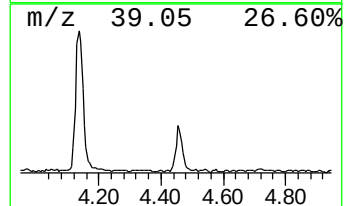
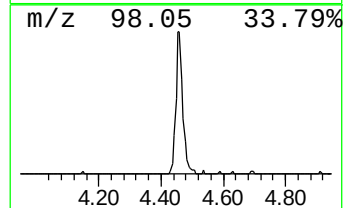
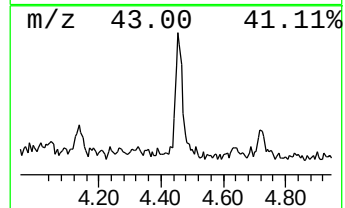
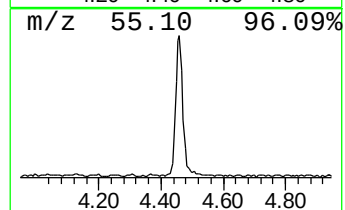
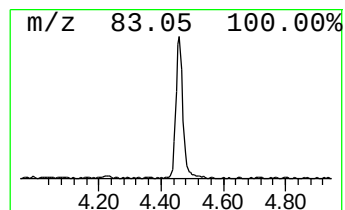
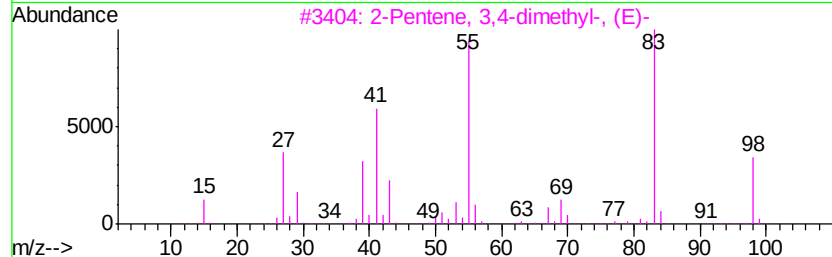
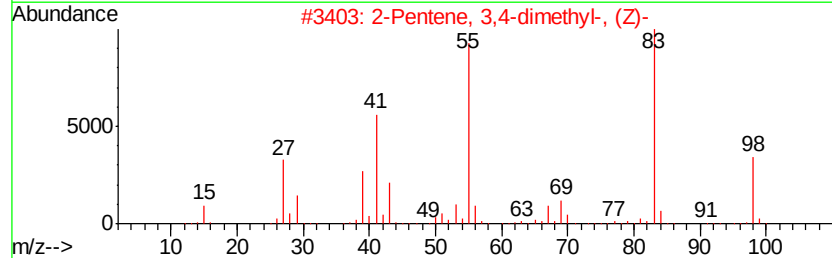
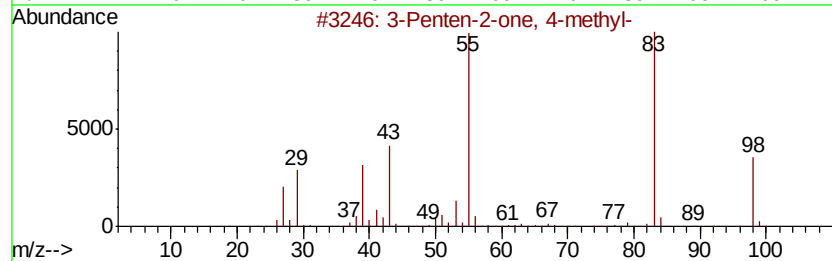
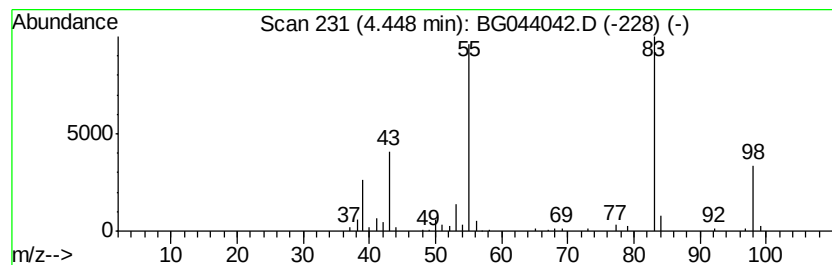
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	3.11 ng	115820	1,4-Dichlorobenzene-d4	7.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4			2,4-Azetidinedione, 3,3-diethyl-	141	C7H11N2O2	042282-85-9	74
5			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64



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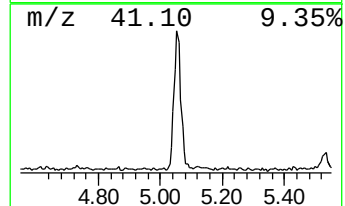
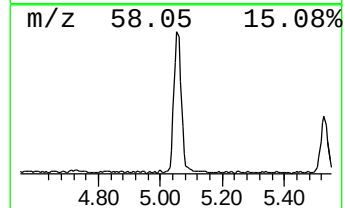
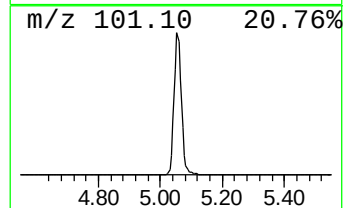
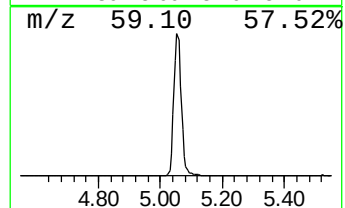
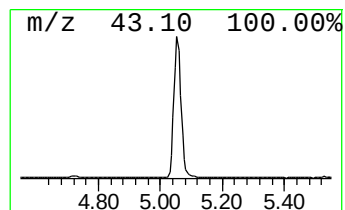
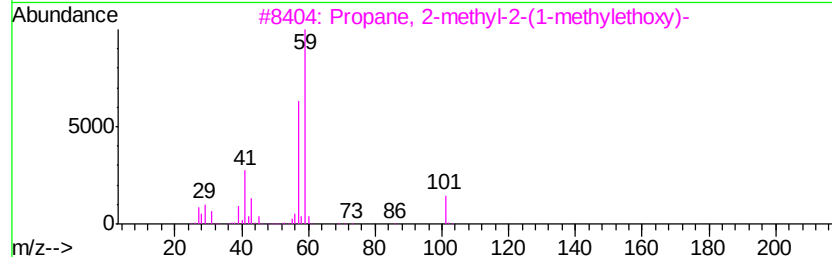
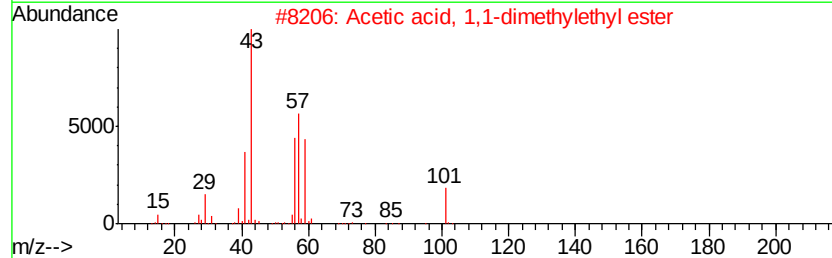
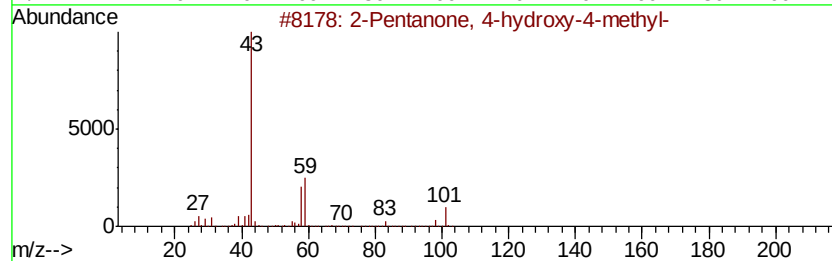
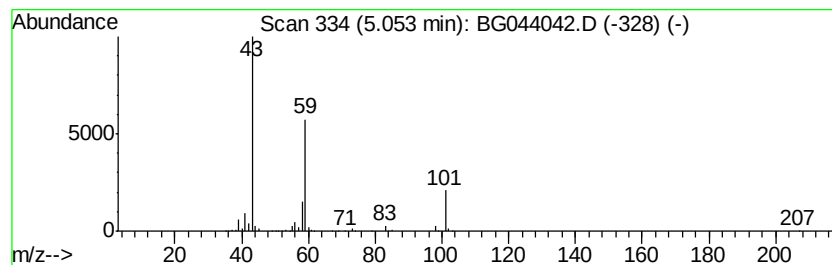
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	15.81 ng	588856	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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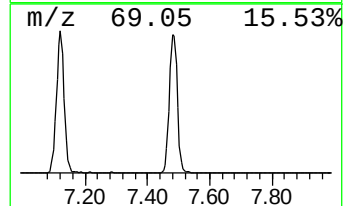
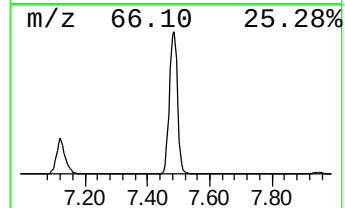
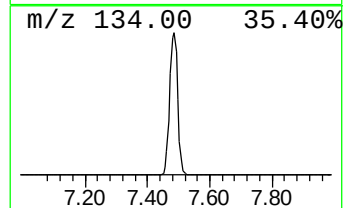
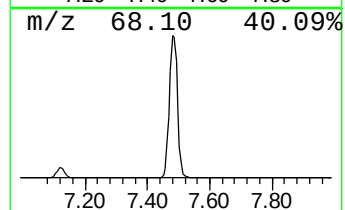
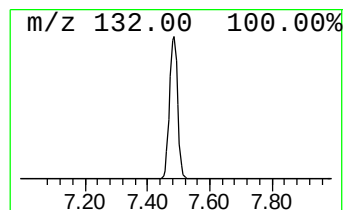
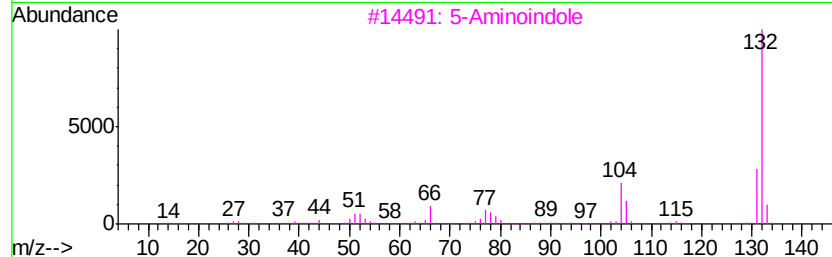
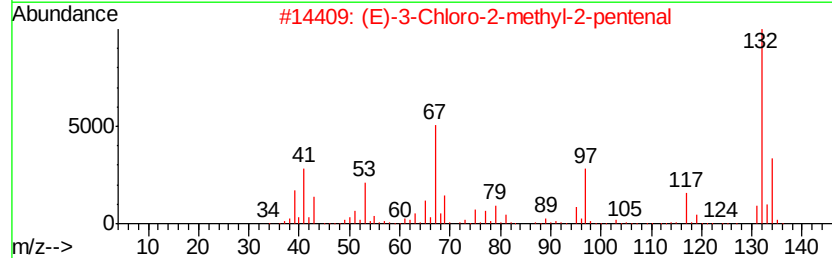
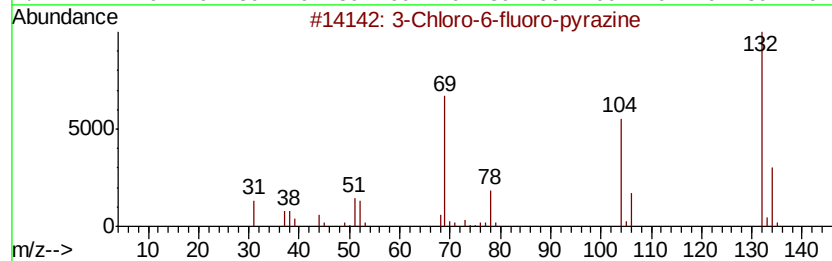
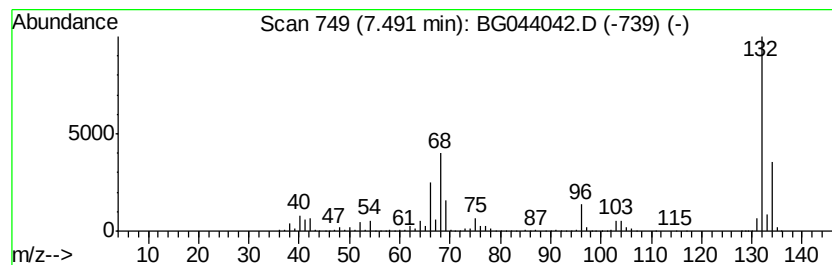
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	72.93 ng	2716120	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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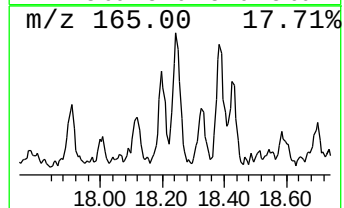
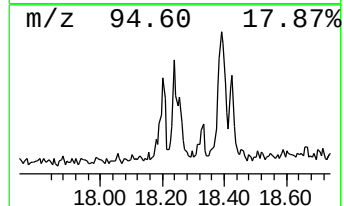
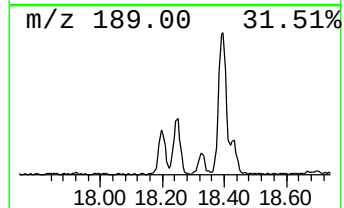
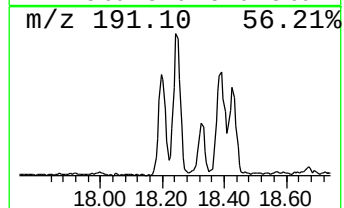
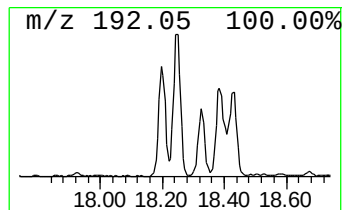
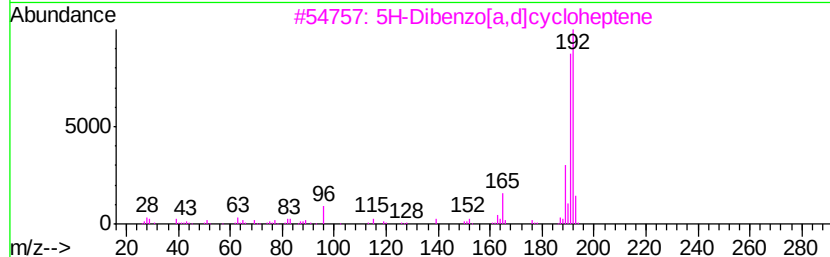
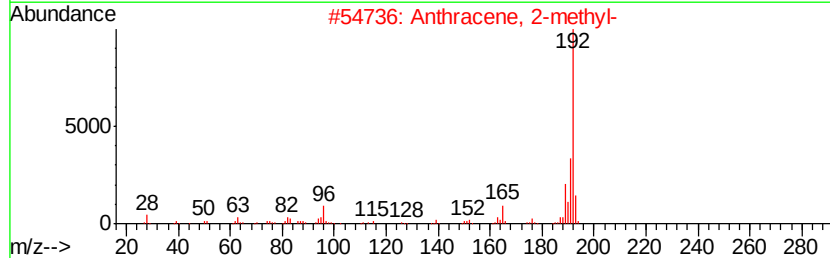
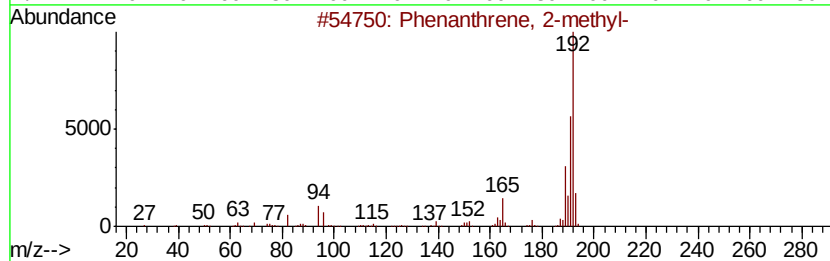
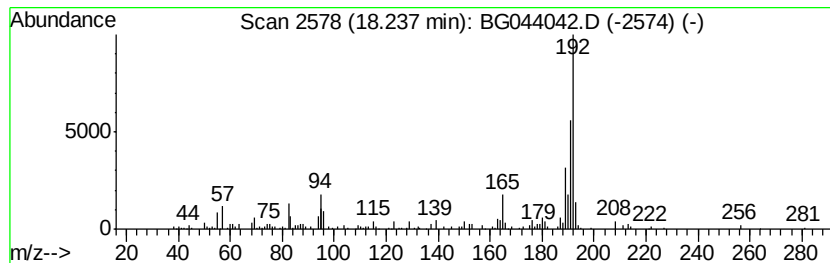
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	3.31 ng	267203	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044042.D
Acq On : 14 Jan 2020 18:46
Operator : JU
Sample : L1108-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

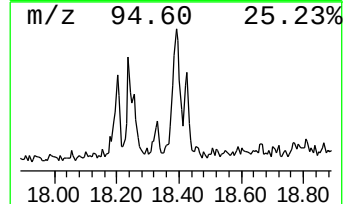
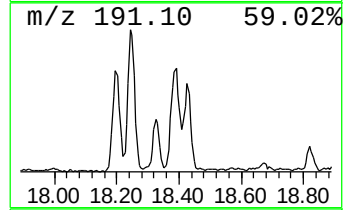
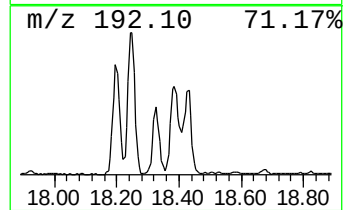
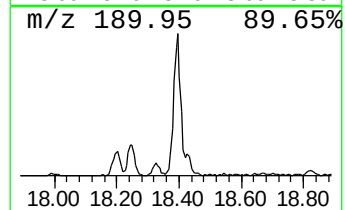
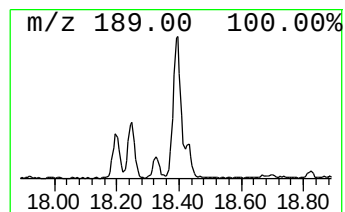
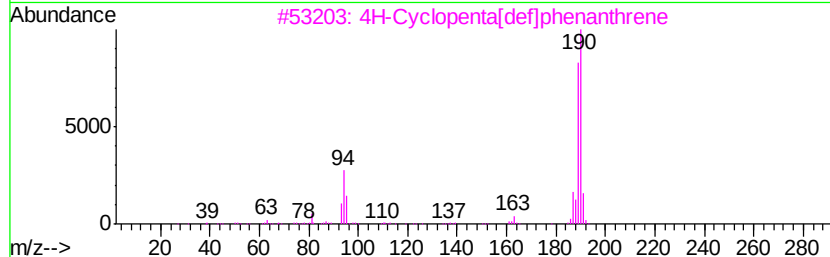
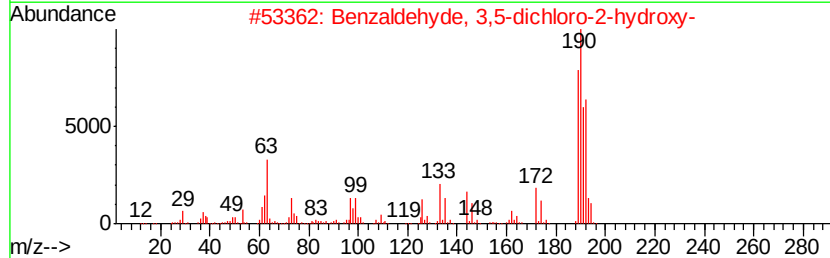
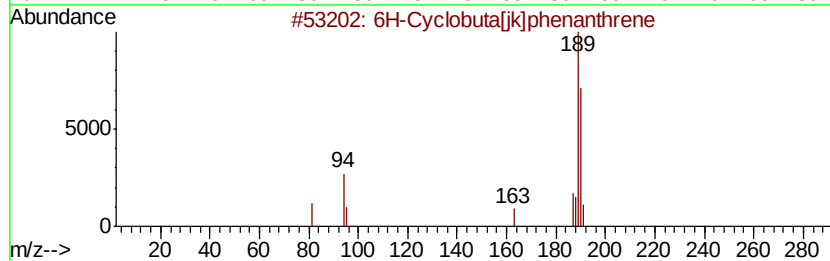
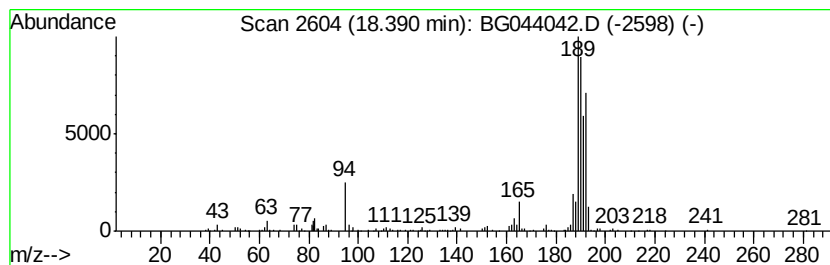
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6H-Cyclobuta[jk]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.39	3.10 ng	250853	Phenanthrene-d10	17.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53	
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43	
4	5H-Dibenzo[a,dl]cycloheptene	192	C15H12	000256-81-5	30	
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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Sample : L1108-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

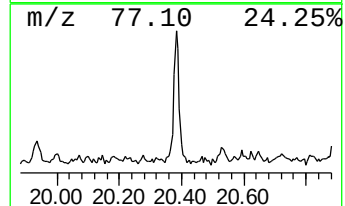
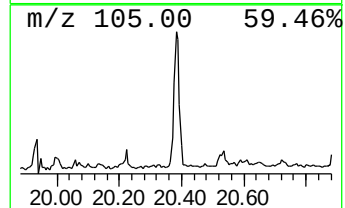
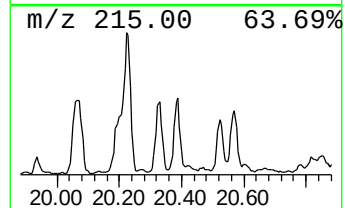
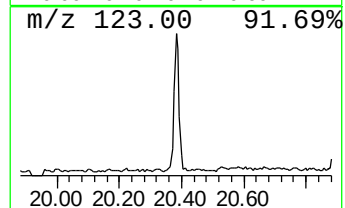
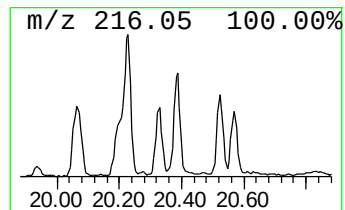
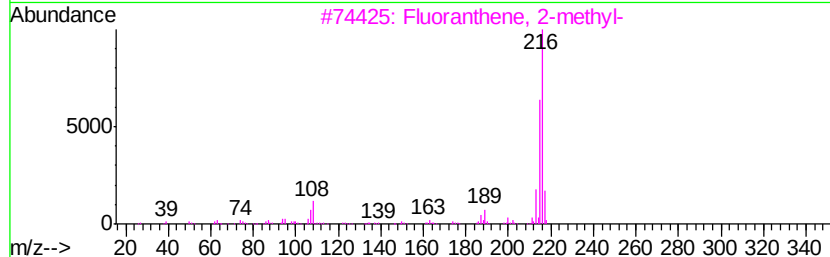
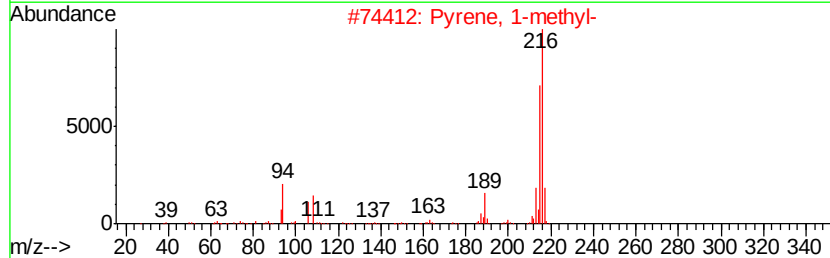
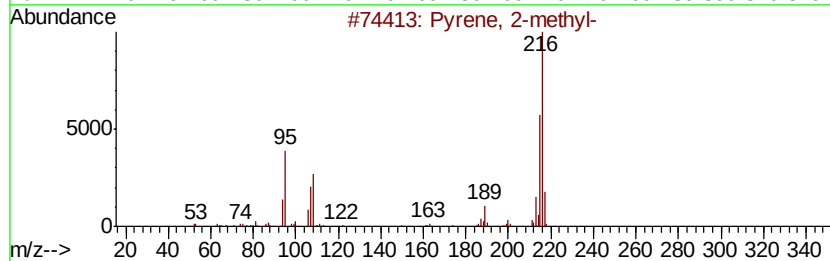
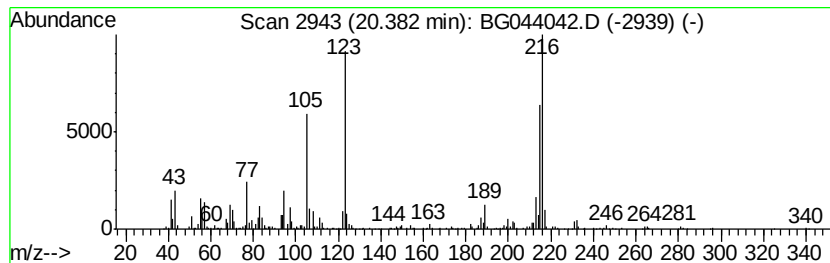
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.13 ng	275148	Chrysene-d12	21.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 2-methyl-	216 C17H12	003442-78-2 90
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 70
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 64
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 46
5		Pyrene, 4-methyl-	216 C17H12	003353-12-6 41



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044042.D
Acq On : 14 Jan 2020 18:46
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ClientSampleId :
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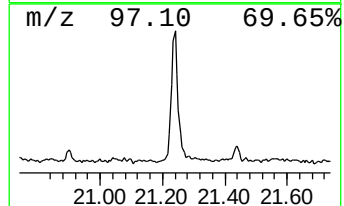
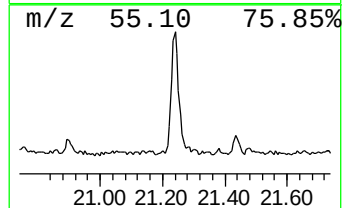
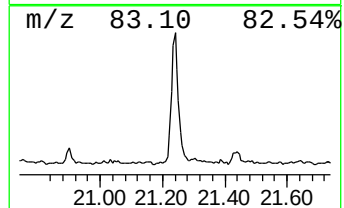
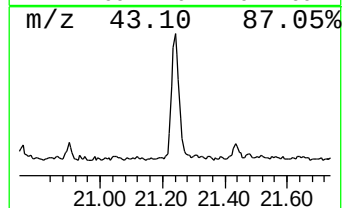
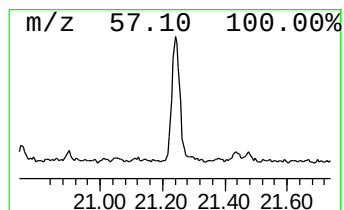
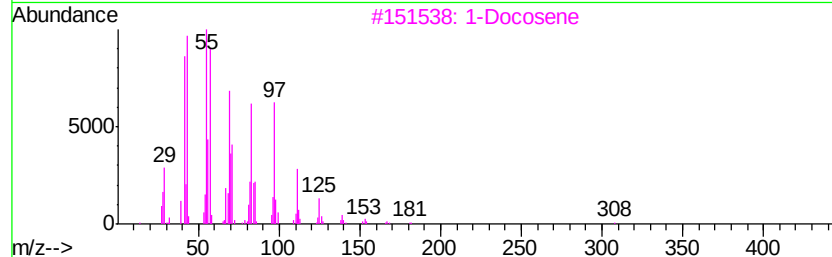
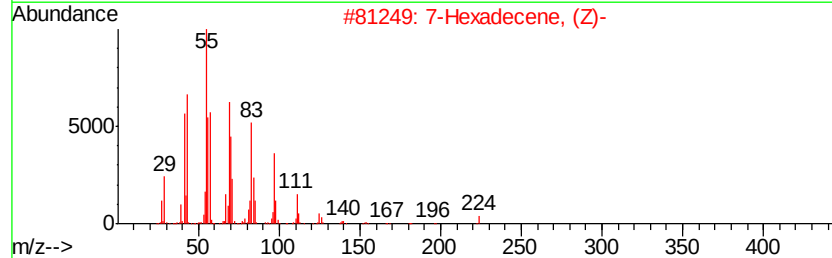
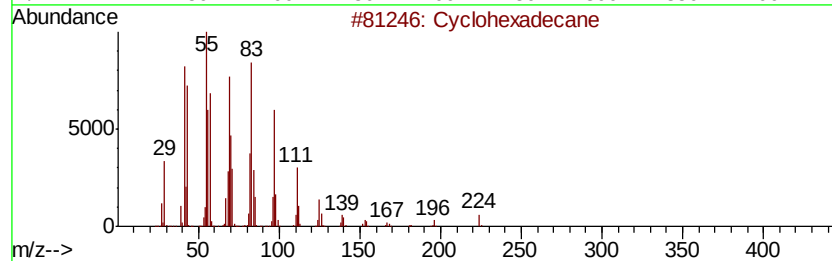
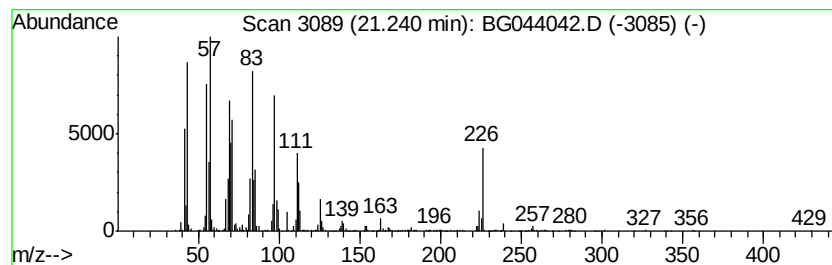
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	8.46 ng	1092700	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	93
2		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	92
3		1-Docosene	308	C22H44	001599-67-3	81
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	76
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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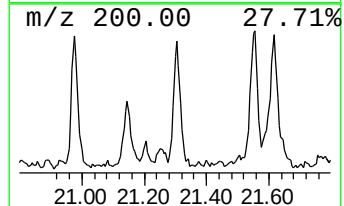
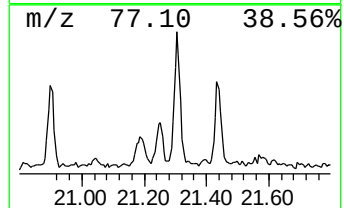
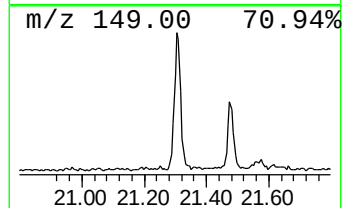
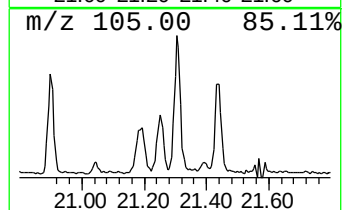
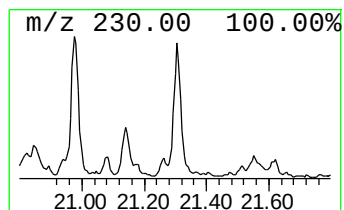
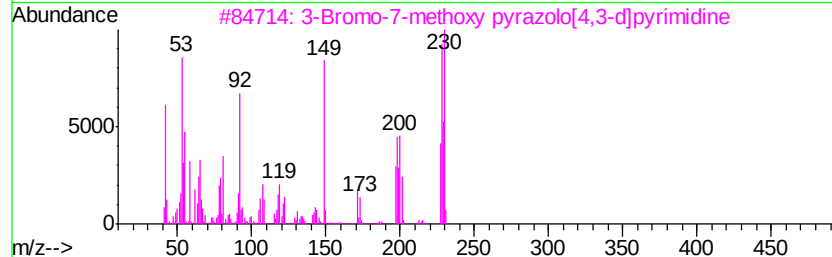
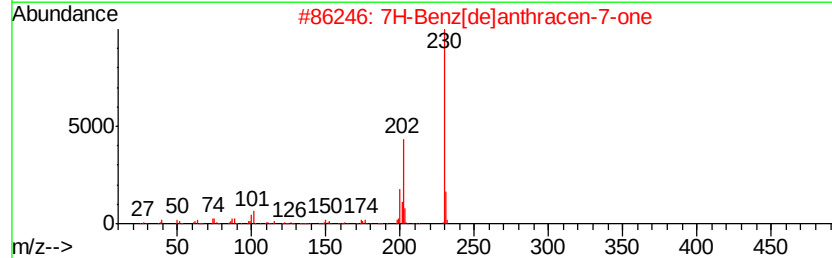
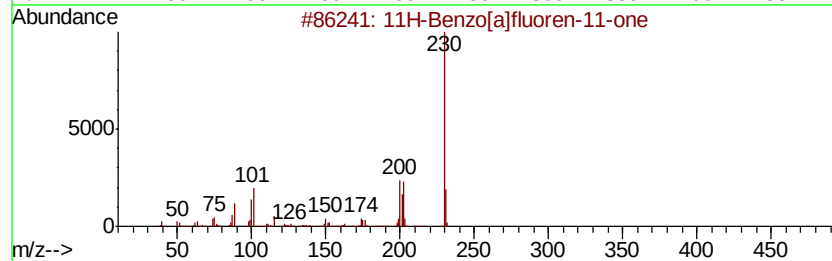
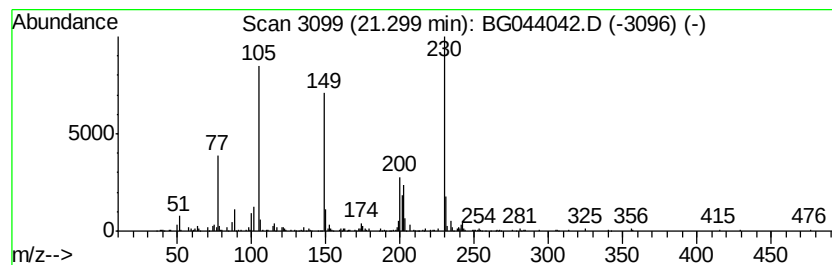
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.30	2.45 ng	315891	Chrysene-d12	21.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
3		3-Bromo-7-methoxy pyrazolo[4,3-d...	228	C6H5BrN4O	068479-22-1	43
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5		2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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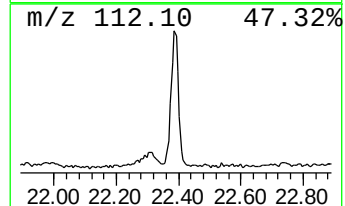
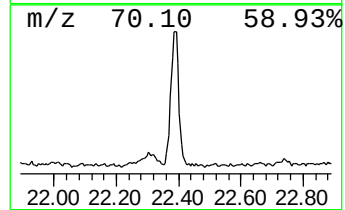
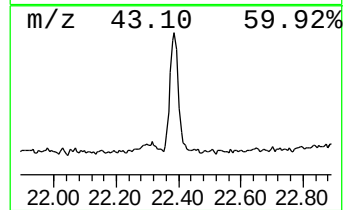
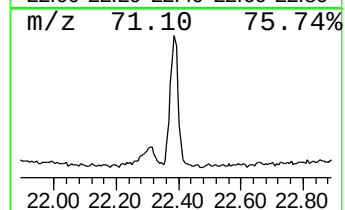
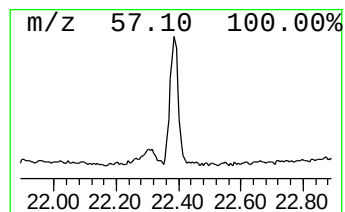
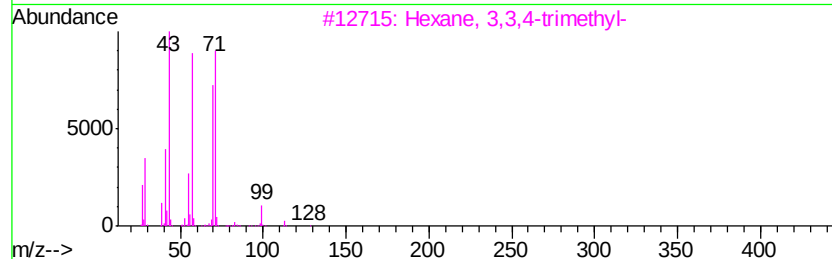
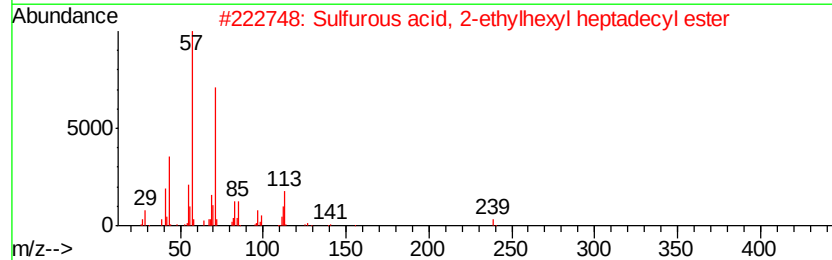
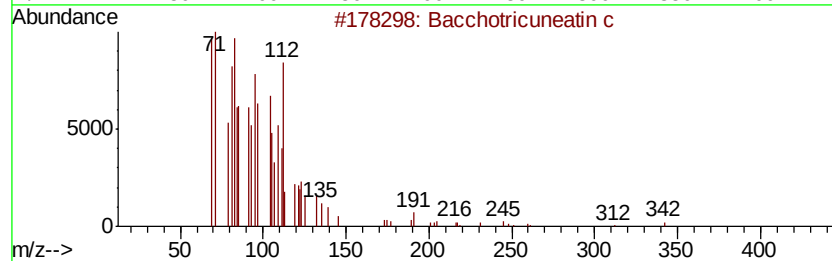
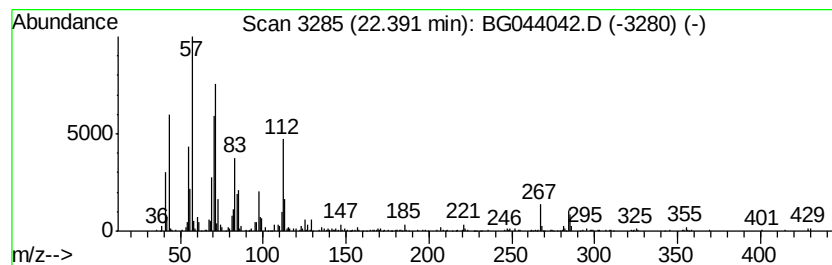
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.66 ng	601941	Chrysene-d12	21.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 56
2		Sulfurous acid, 2-ethylhexyl hep...	432 C25H52O3S	1000309-20-0 43
3		Hexane, 3,3,4-trimethyl-	128 C9H20	016747-31-2 43
4		Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5 43
5		Sulfurous acid, 2-ethylhexyl hex...	418 C24H50O3S	1000309-19-9 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
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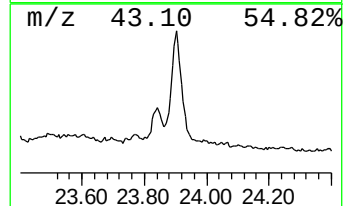
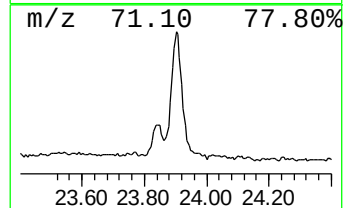
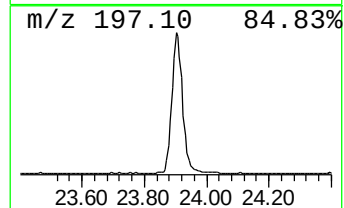
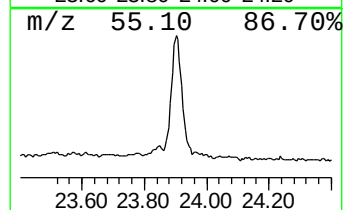
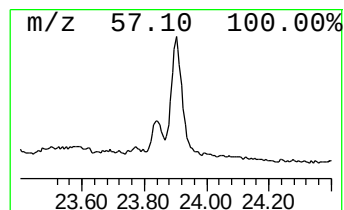
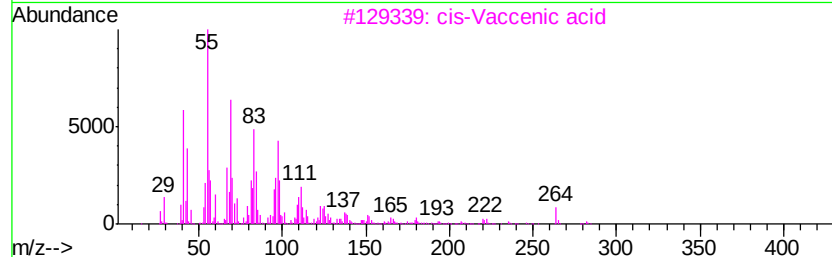
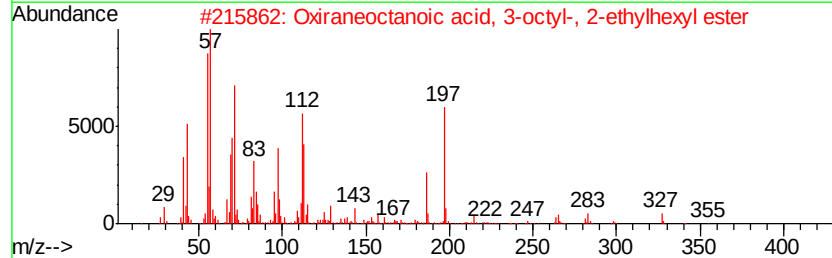
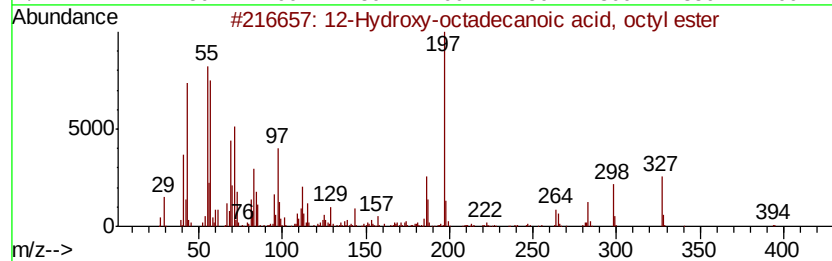
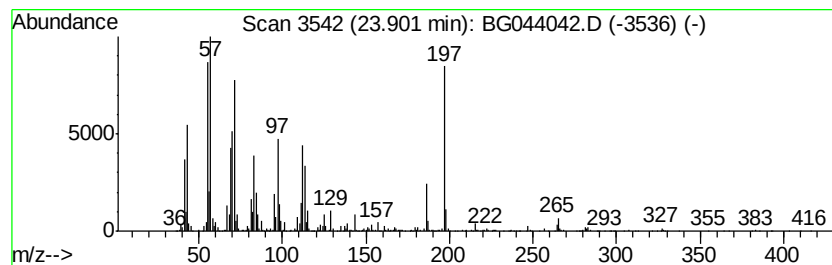
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 12-Hydroxy-octadecanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
23.90	29.30 ng	2235980	Perylene-d12	24.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Hydroxy	octadecanoic acid, oc...	412	C26H52O3	074819-90-2	78
2	Oxirane	octanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	70
3	cis-Vaccenic acid		282	C18H34O2	000506-17-2	45
4	Phytol		296	C20H40O	000150-86-7	38
5	trans-1-Butyl-2-methyl	cyclopropane	112	C8H16	038851-70-6	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044042.D
Acq On : 14 Jan 2020 18:46
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-A

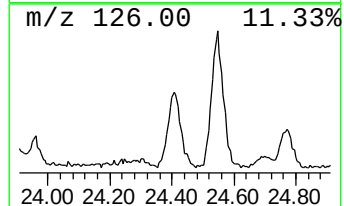
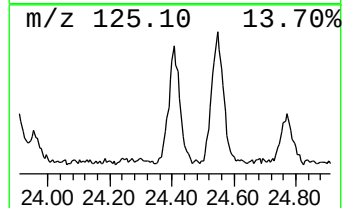
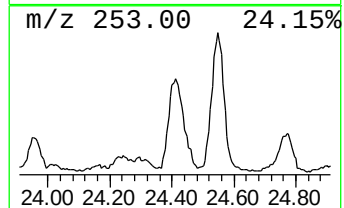
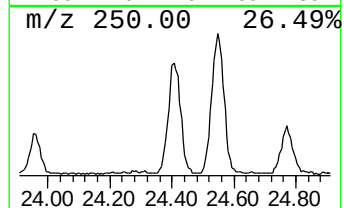
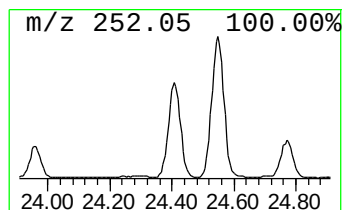
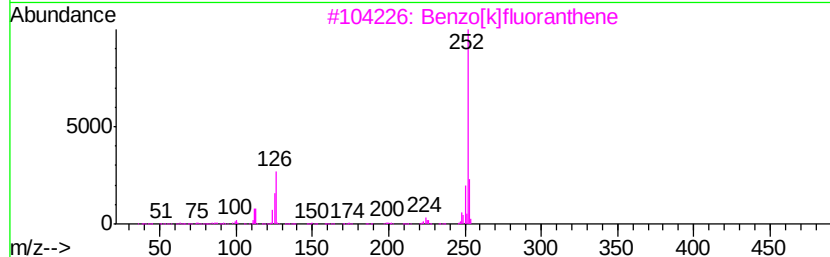
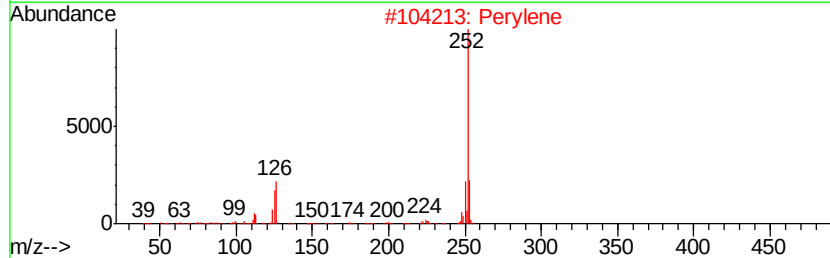
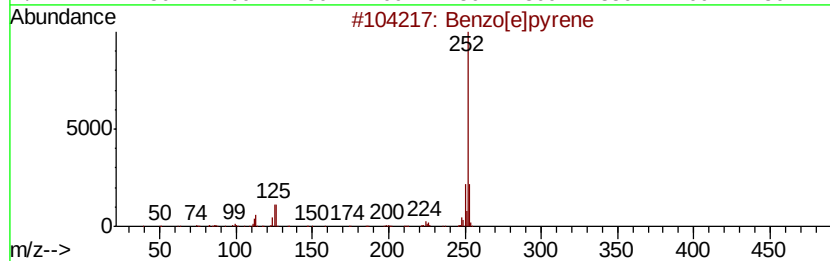
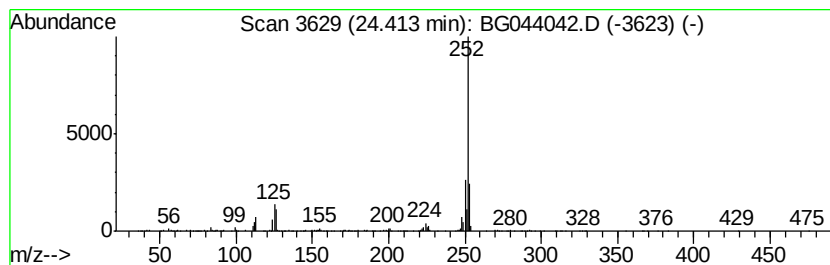
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	8.05 ng	614240	Perylene-d12	24.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011420\
 Data File : BG044042.D
 Acq On : 14 Jan 2020 18:46
 Operator : JU
 Sample : L1108-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	3.13	41.9	ng	1560650	1	7.94	744901	20.0
3-Penten-2-one, 4...	4.45	3.1	ng	115820	1	7.94	744901	20.0
2-Pentanone, 4-hy...	5.05	15.8	ng	588856	1	7.94	744901	20.0
unknown7.49	7.49	72.9	ng	2716120	1	7.94	744901	20.0
Phenanthrene, 2-m...	18.24	3.3	ng	267203	4	17.32	1615900	20.0
6H-Cyclobuta[jk]p...	18.39	3.1	ng	250853	4	17.32	1615900	20.0
Pyrene, 2-methyl-	20.38	2.1	ng	275148	5	21.57	2582360	20.0
Cyclohexadecane	21.24	8.5	ng	1092700	5	21.57	2582360	20.0
11H-Benzo[a]fluor...	21.30	2.5	ng	315891	5	21.57	2582360	20.0
Bacchotricuneatin c	22.39	4.7	ng	601941	5	21.57	2582360	20.0
12-Hydroxy-octade...	23.90	29.3	ng	2235980	6	24.70	1526330	20.0
Benzo[e]pyrene	24.41	8.1	ng	614240	6	24.70	1526330	20.0