

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044010.D
 Acq On : 10 Jan 2020 20:38
 Operator : JU
 Sample : L1084-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AF-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\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	3.140	7	9	18	rVB2	78193	144370	9.47%	0.912%
2	5.061	331	336	345	rBV	60725	102389	6.72%	0.647%
3	5.531	410	416	426	rBV	245419	433653	28.45%	2.740%
4	7.118	678	686	696	rBV	277940	518433	34.01%	3.276%
5	7.488	742	749	761	rVV	294791	529560	34.74%	3.346%
6	7.952	822	828	838	rBV2	104353	189005	12.40%	1.194%
7	8.275	875	883	894	rVB	239804	435425	28.57%	2.751%
8	9.110	1017	1025	1035	rBV	159351	310135	20.35%	1.960%
9	10.755	1296	1305	1311	rBV	142373	275321	18.06%	1.740%
10	10.808	1311	1314	1318	rVB2	14954	21162	1.39%	0.134%
11	12.188	1545	1549	1555	rVB5	11809	17873	1.17%	0.113%
12	12.412	1582	1587	1593	rVB2	16814	31563	2.07%	0.199%
13	12.629	1618	1624	1633	rVB2	12521	22116	1.45%	0.140%
14	13.211	1715	1723	1733	rBV	478330	780717	51.22%	4.933%
15	13.422	1754	1759	1763	rBV2	19710	27748	1.82%	0.175%
16	13.757	1808	1816	1821	rBV8	8116	18617	1.22%	0.118%
17	13.904	1837	1841	1846	rBV5	12090	20361	1.34%	0.129%
18	13.963	1846	1851	1856	rVB4	9866	15576	1.02%	0.098%
19	14.039	1856	1864	1869	rBV2	26249	47112	3.09%	0.298%
20	14.303	1904	1909	1914	rBV2	17252	30409	2.00%	0.192%
21	14.497	1937	1942	1948	rBV2	19457	28566	1.87%	0.181%
22	14.585	1948	1957	1963	rVV	216805	355406	23.32%	2.246%
23	14.644	1963	1967	1976	rVB	22374	42723	2.80%	0.270%
24	14.985	2019	2025	2032	rVB2	20312	41586	2.73%	0.263%
25	15.126	2044	2049	2055	rVB8	8184	16305	1.07%	0.103%
26	15.385	2085	2093	2100	rBV8	10573	28868	1.89%	0.182%
27	15.449	2100	2104	2111	rVB2	16759	24045	1.58%	0.152%
28	15.631	2130	2135	2139	rVB4	23670	34362	2.25%	0.217%
29	15.855	2168	2173	2177	rBV4	10795	20364	1.34%	0.129%
30	16.072	2203	2210	2219	rBV	301499	498839	32.73%	3.152%
31	16.307	2245	2250	2253	rBV4	27711	42673	2.80%	0.270%
32	16.977	2360	2364	2372	rVB3	18446	34802	2.28%	0.220%
33	17.100	2374	2385	2389	rBV5	23962	67744	4.44%	0.428%
34	17.153	2389	2394	2399	rVB2	24534	42341	2.78%	0.268%

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35	17.323	2418	2423	2427	rBV	229660	376201	24.68%	2.377%
36	17.370	2427	2431	2437	rVV	340874	528448	34.67%	3.339%
37	17.459	2441	2446	2451	rVV	65938	109568	7.19%	0.692%
38	17.517	2453	2456	2462	rVB7	13035	23768	1.56%	0.150%
39	17.729	2486	2492	2495	rBV	30088	48110	3.16%	0.304%
40	17.840	2507	2511	2516	rVB5	25968	41976	2.75%	0.265%
41	17.911	2520	2523	2527	rVB3	13807	16055	1.05%	0.101%
42	18.205	2569	2573	2576	rBV	63153	86412	5.67%	0.546%
43	18.252	2577	2581	2586	rVB	86572	129271	8.48%	0.817%
44	18.334	2591	2595	2598	rVB2	23630	30536	2.00%	0.193%
45	18.393	2600	2605	2609	rBV3	96217	172657	11.33%	1.091%
46	18.698	2654	2657	2660	rBV	52686	69002	4.53%	0.436%
47	18.734	2660	2663	2668	rVB3	44501	64741	4.25%	0.409%
48	19.115	2725	2728	2732	rBV	50180	69117	4.53%	0.437%
49	19.251	2748	2751	2759	rVB2	56851	100617	6.60%	0.636%
50	19.380	2767	2773	2778	rBV	916508	1318941	86.54%	8.334%
51	19.738	2825	2834	2842	rBV	945395	1524165	100.00%	9.631%
52	19.938	2863	2868	2873	rBV	684166	879507	57.70%	5.558%
53	20.332	2932	2935	2939	rVB	62570	76897	5.05%	0.486%
54	21.248	3088	3091	3097	rVB3	124708	183971	12.07%	1.162%
55	21.560	3139	3144	3150	rBV3	538241	1180919	77.48%	7.462%
56	21.618	3150	3154	3162	rVB	438380	751260	49.29%	4.747%
57	23.710	3503	3510	3518	rBV	418986	1312371	86.10%	8.293%
58	24.409	3624	3629	3639	rVB	258565	645362	42.34%	4.078%
59	24.544	3646	3652	3663	rVB	321148	835487	54.82%	5.279%

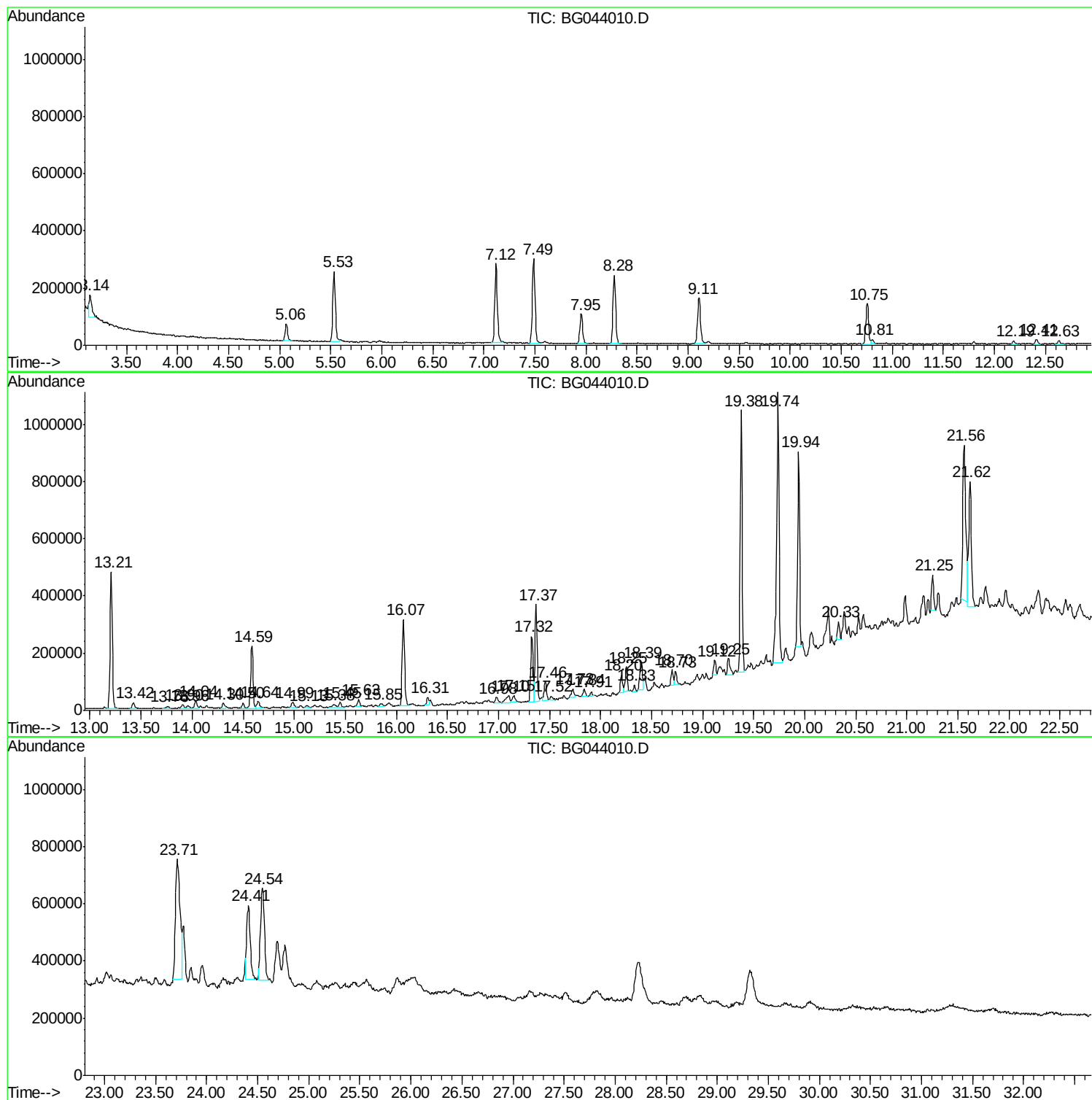
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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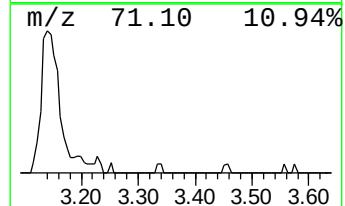
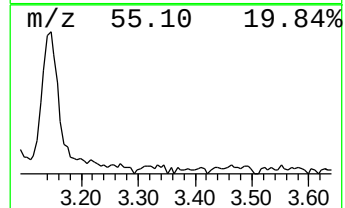
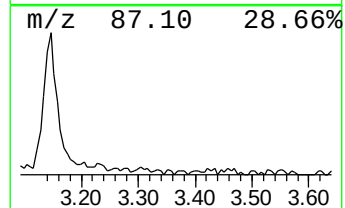
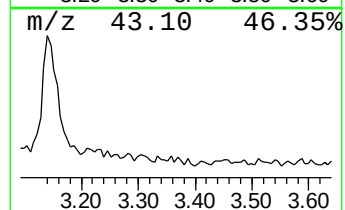
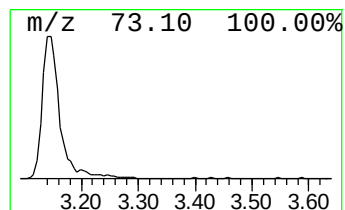
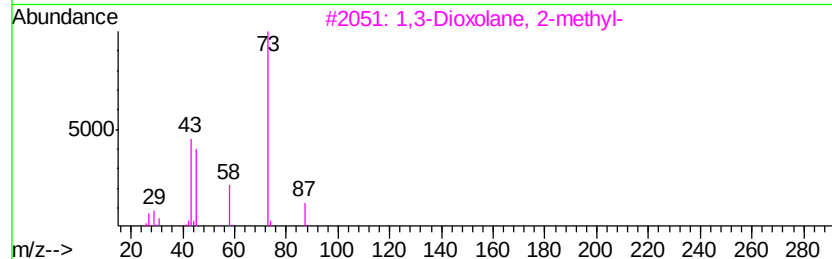
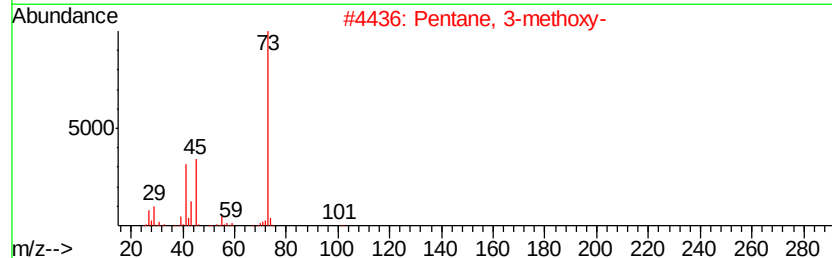
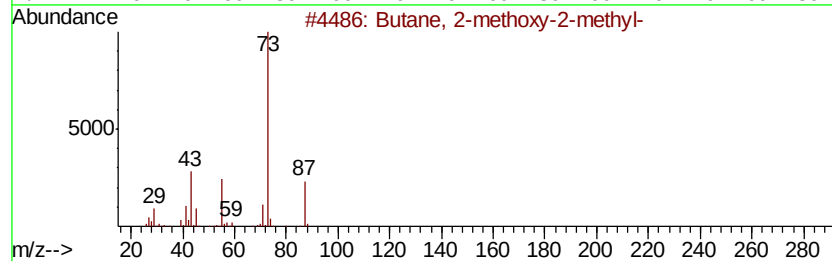
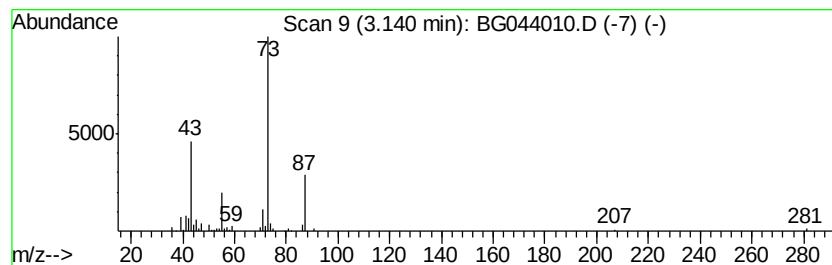
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	15.28 ng	144370	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	10
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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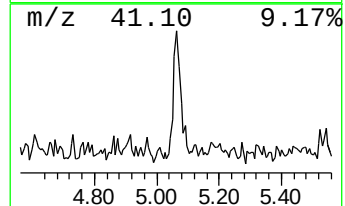
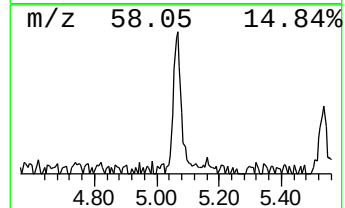
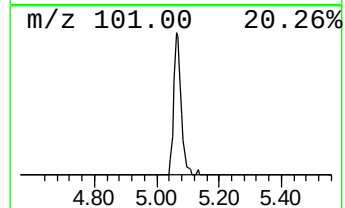
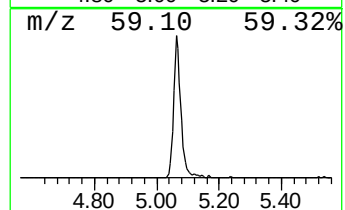
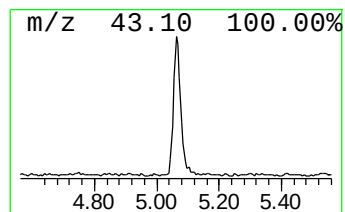
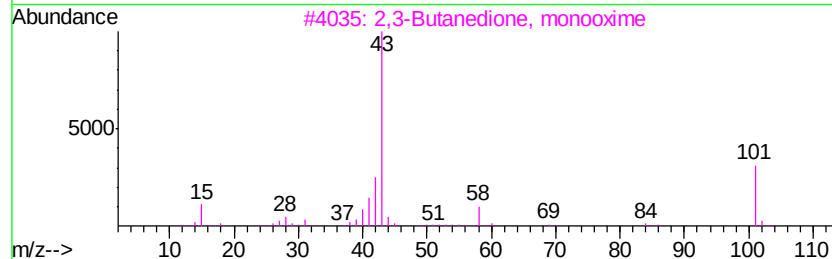
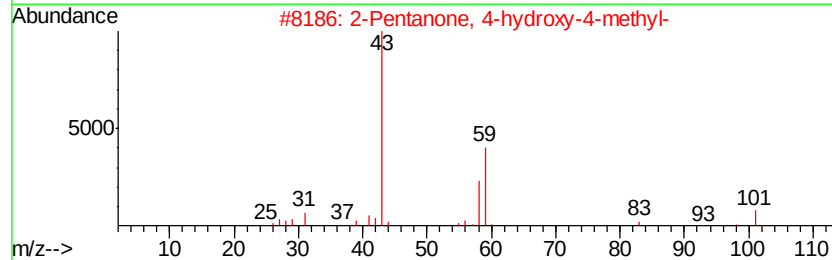
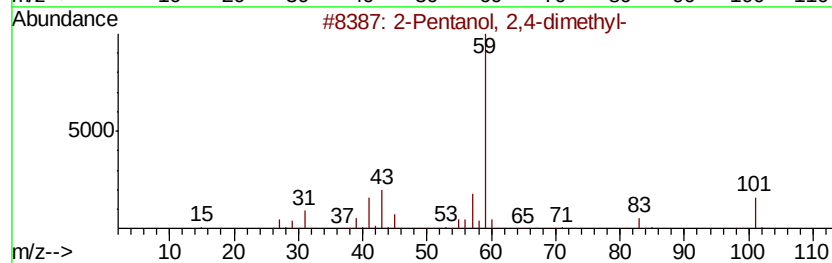
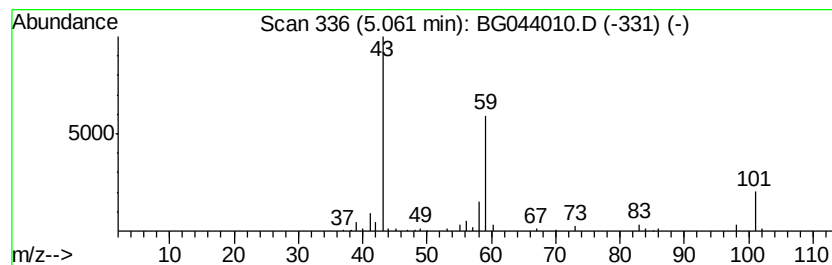
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanol, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	10.83 ng	102389	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
4		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
5		3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25



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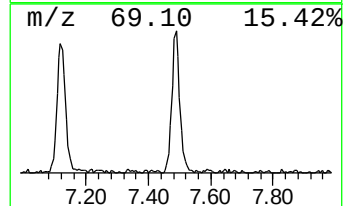
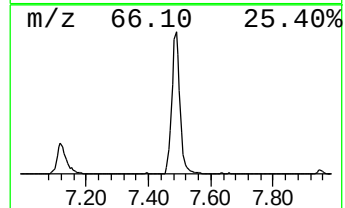
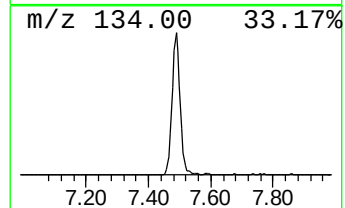
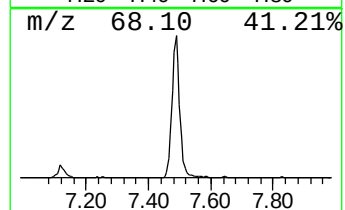
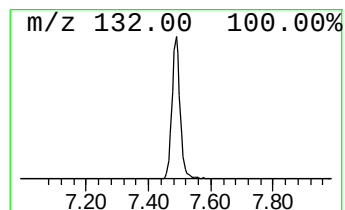
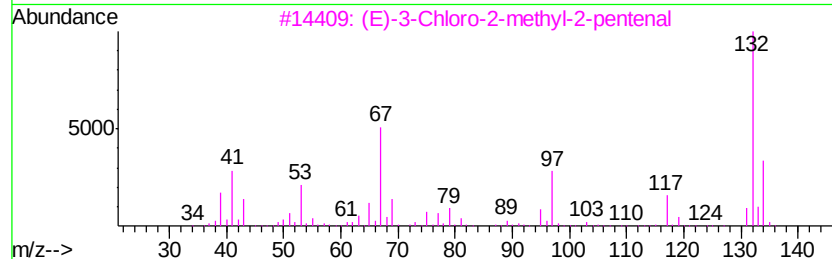
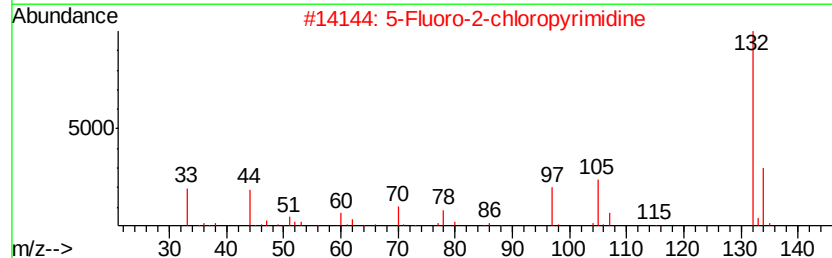
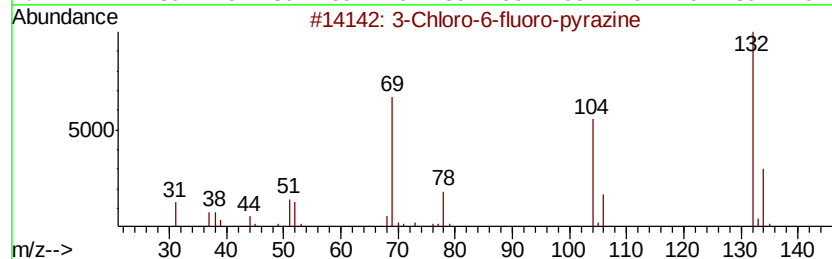
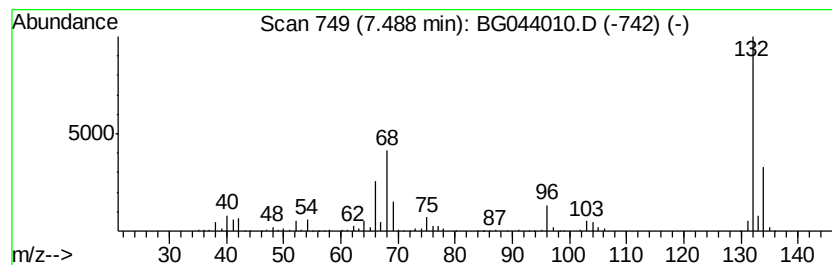
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	56.04 ng	529560	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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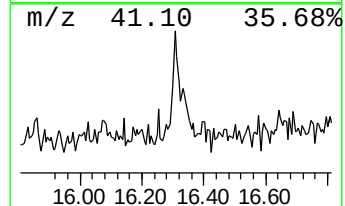
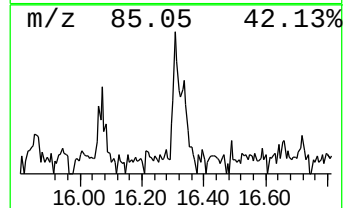
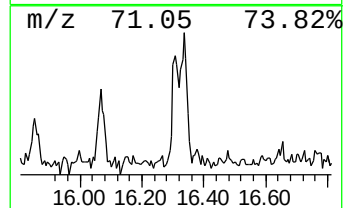
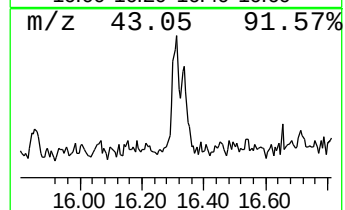
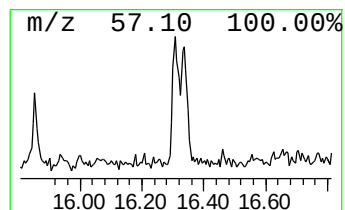
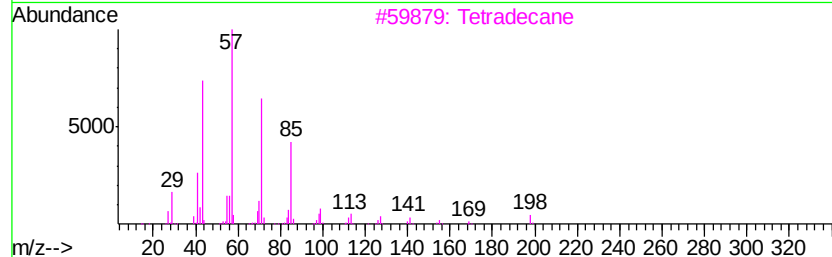
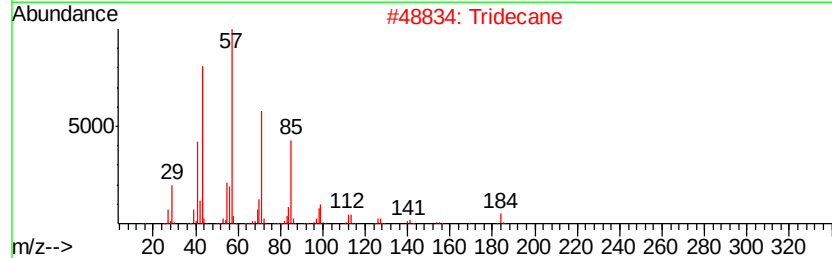
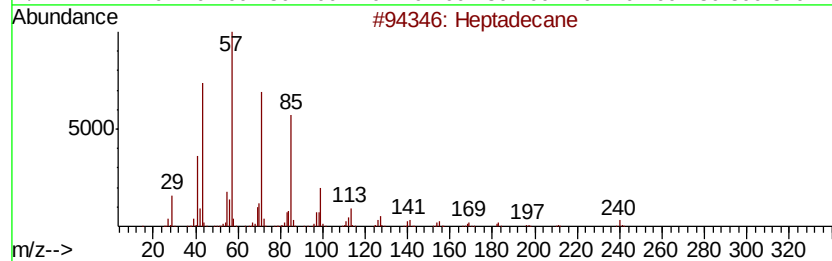
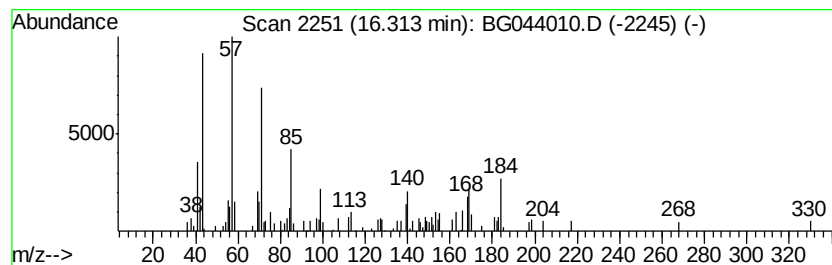
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TIC Library : C:\Database\NIST11.L
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Peak Number 8 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.27 ng	42673	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	70
2	Tridecane		184	C13H28	000629-50-5	64
3	Tetradecane		198	C14H30	000629-59-4	55
4	Dodecane		170	C12H26	000112-40-3	50
5	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	49



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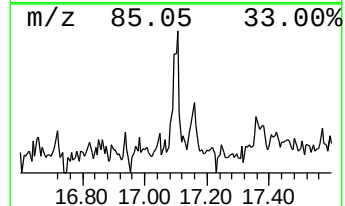
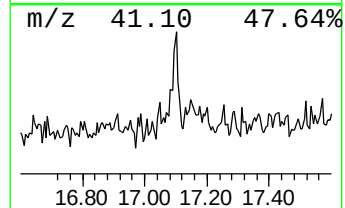
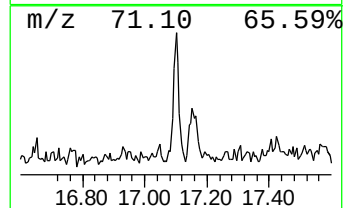
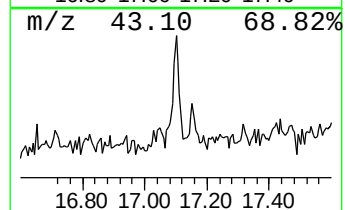
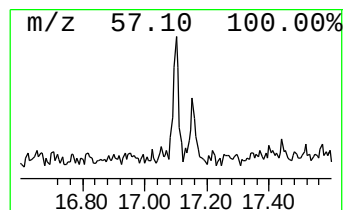
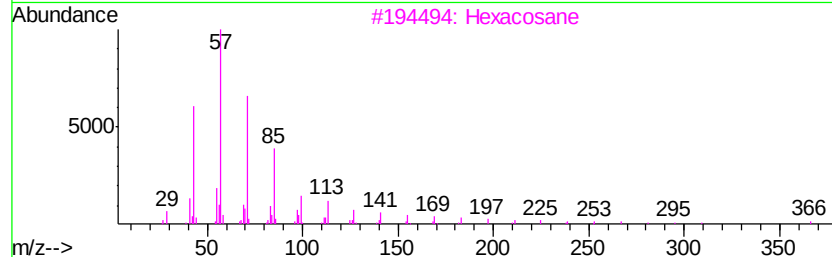
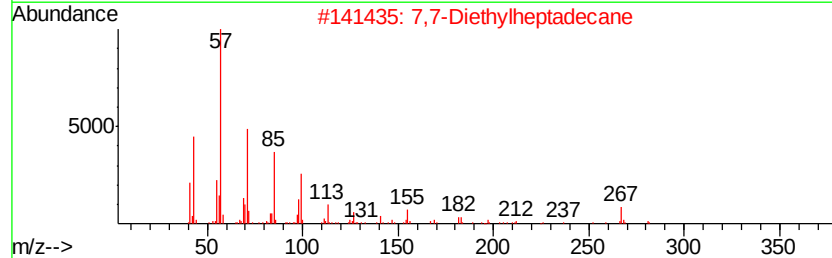
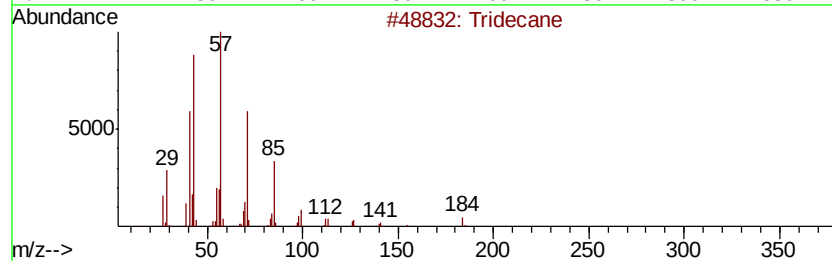
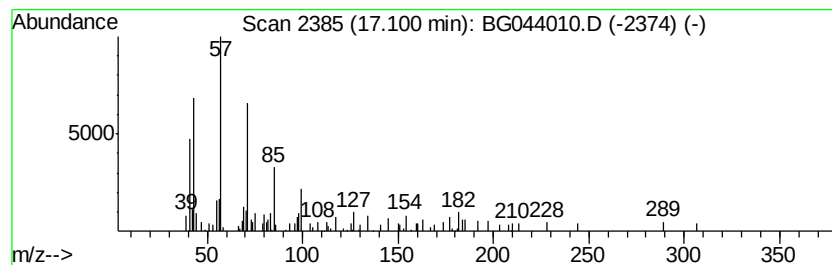
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	3.60 ng	67744	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	60
2	7,7-Diethylheptadecane	296	C21H44	1000360-41-5	53
3	Hexacosane	366	C26H54	000630-01-3	47
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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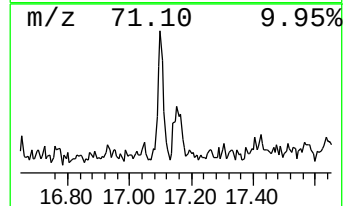
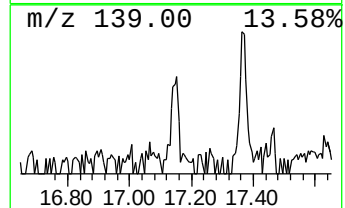
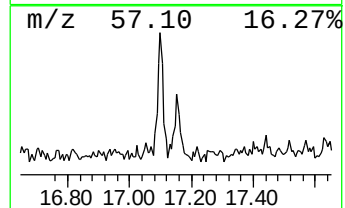
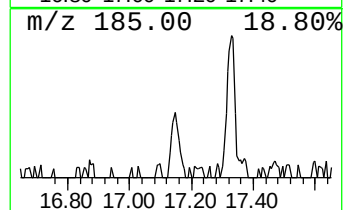
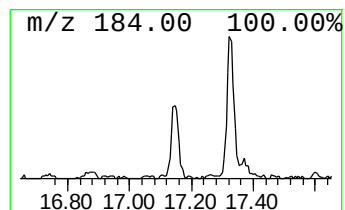
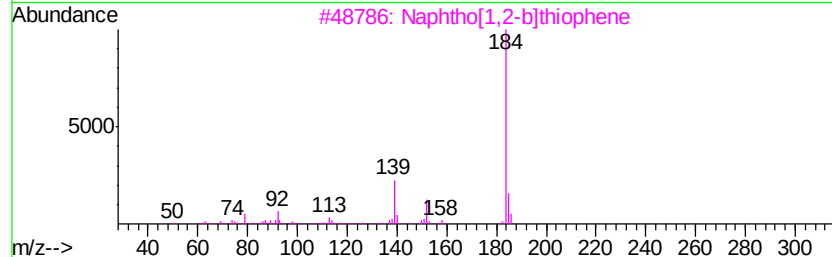
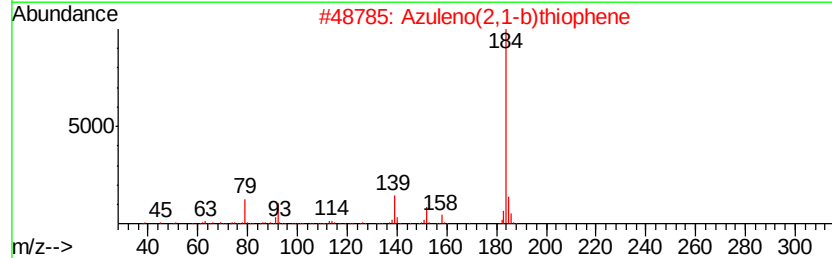
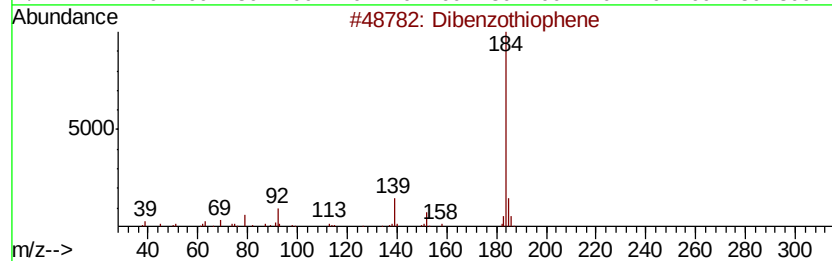
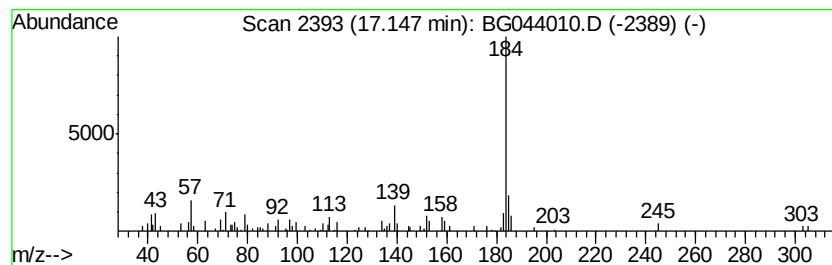
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	2.25 ng	42341	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	87
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	74
4		Benzidine	184	C12H12N2	000092-87-5	64
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
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Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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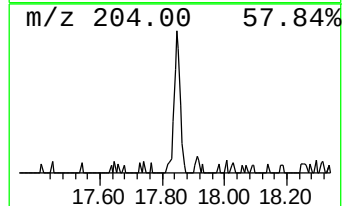
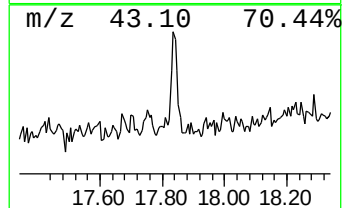
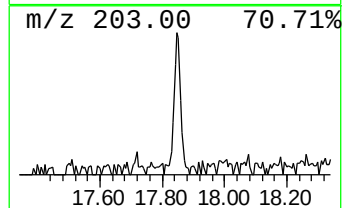
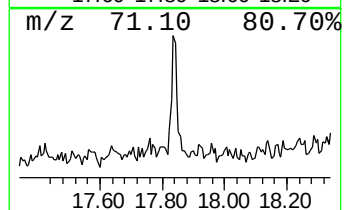
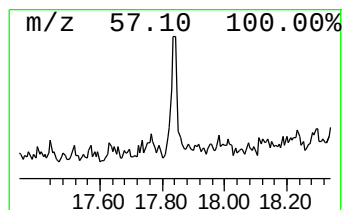
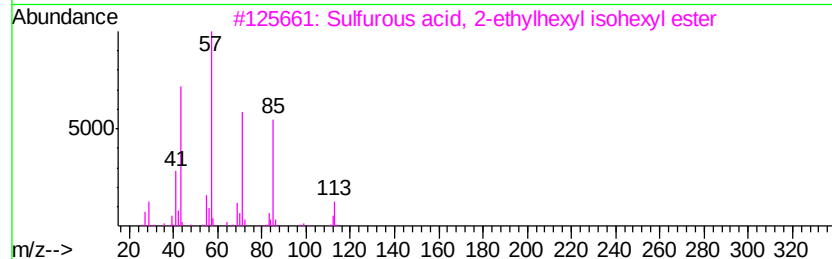
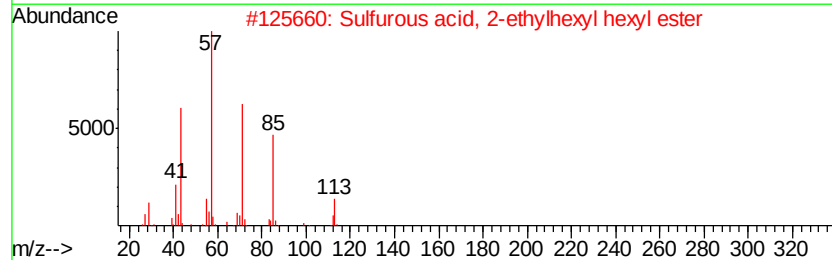
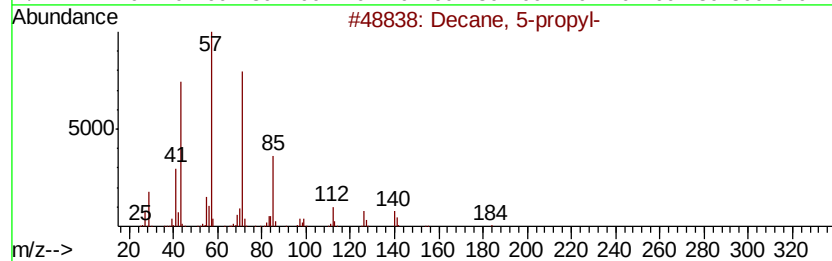
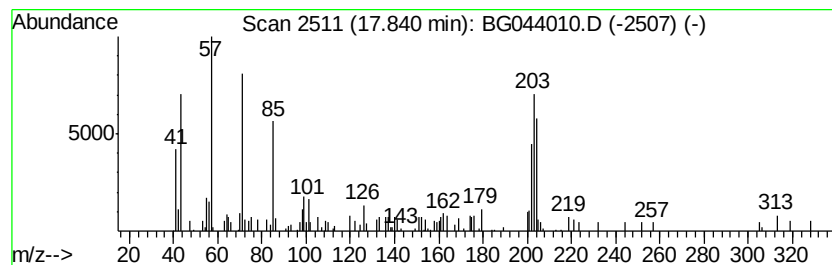
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.23 ng	41976	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	41
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	35
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	25
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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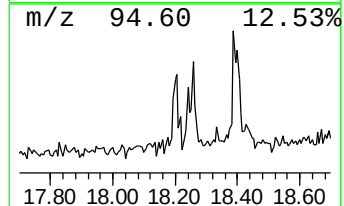
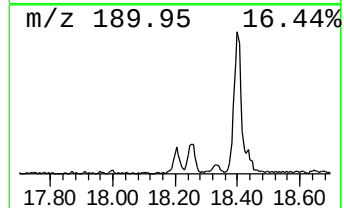
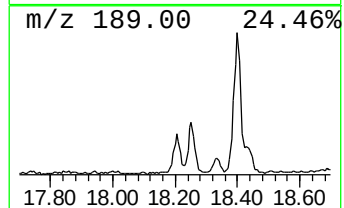
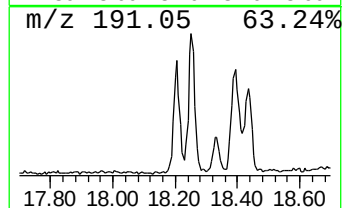
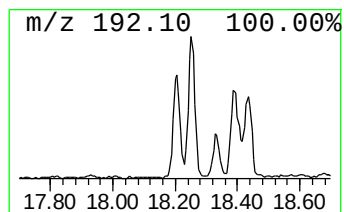
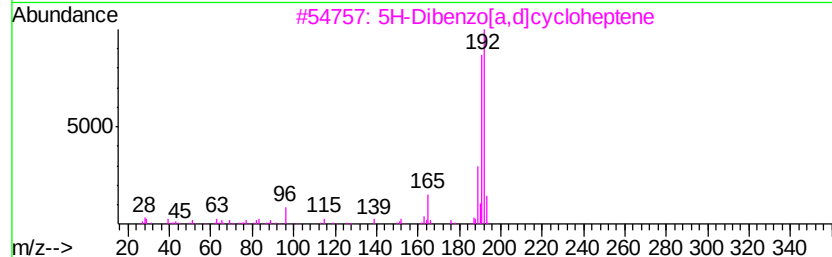
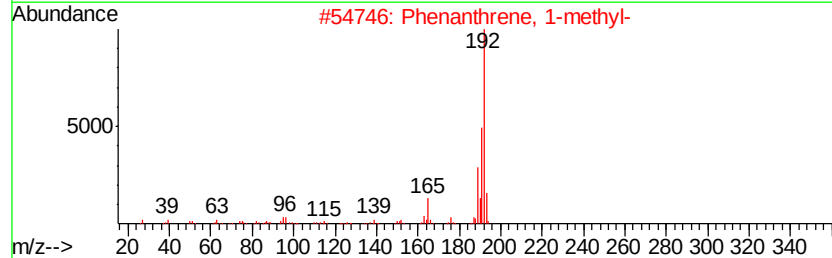
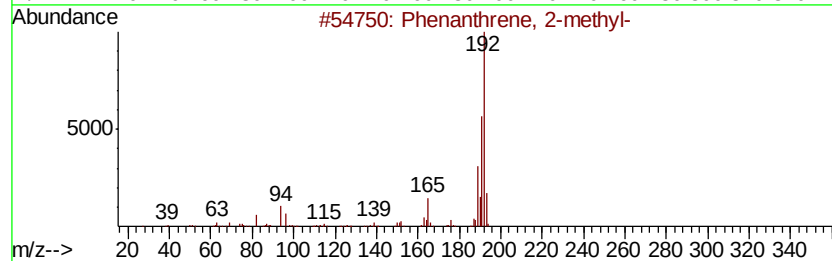
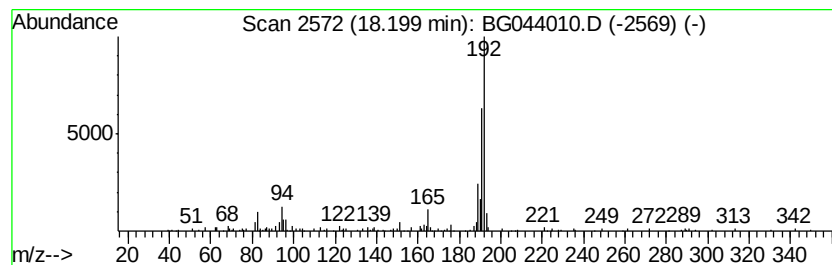
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.59 ng	86412	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	76
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
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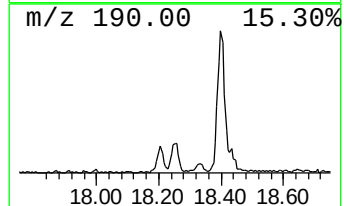
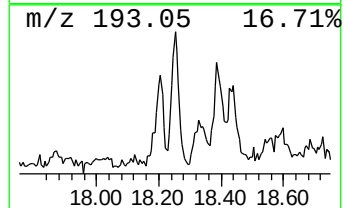
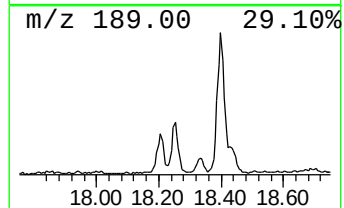
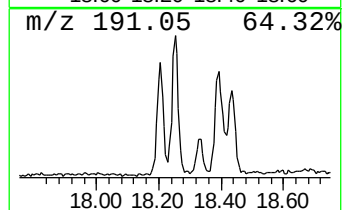
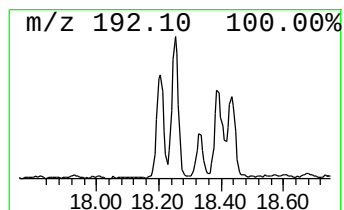
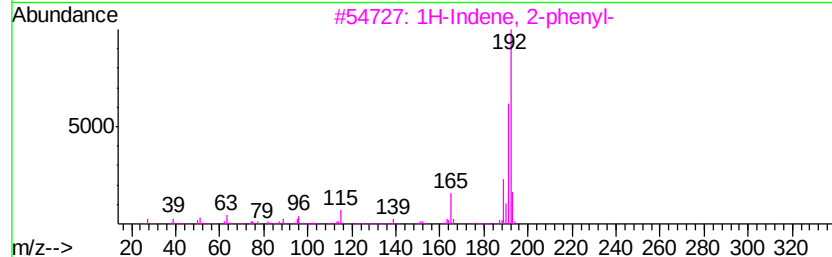
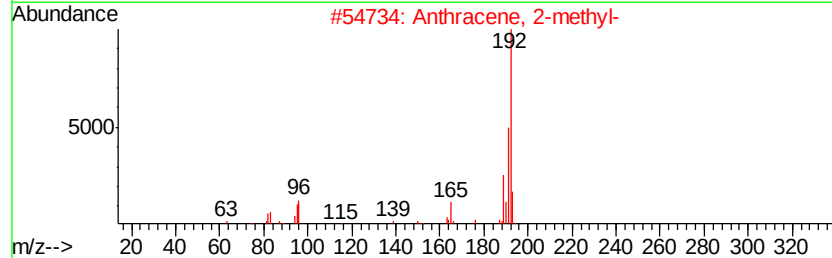
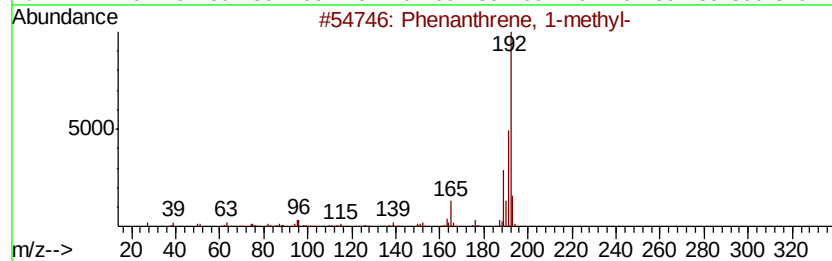
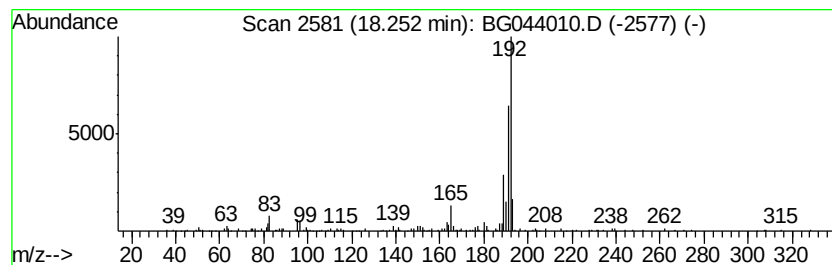
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.25	6.87 ng	129271	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
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Misc :
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Instrument :
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ClientSampleId :
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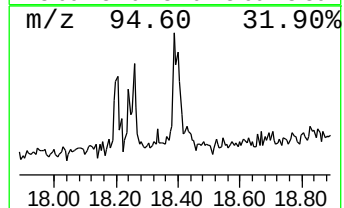
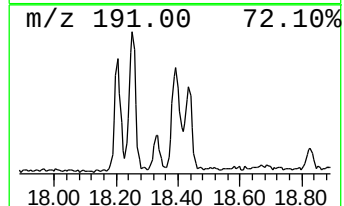
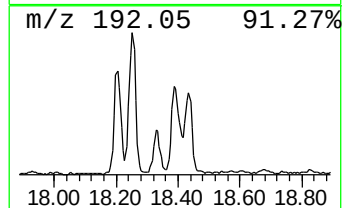
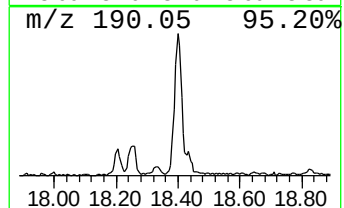
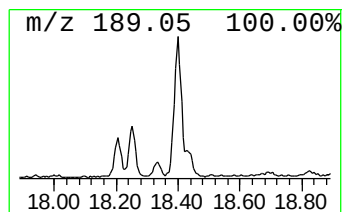
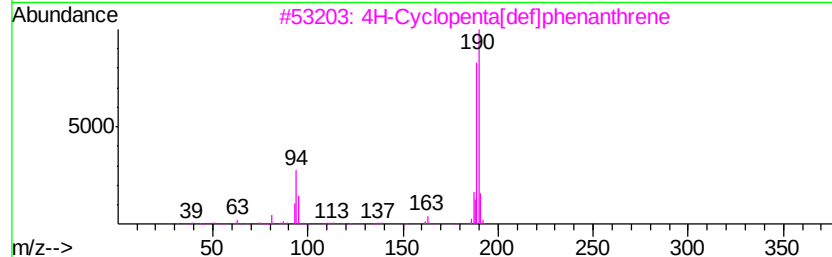
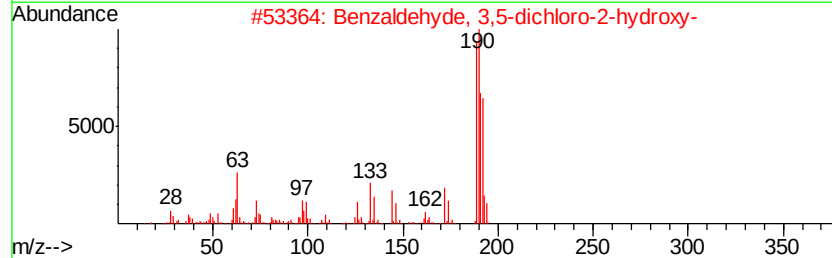
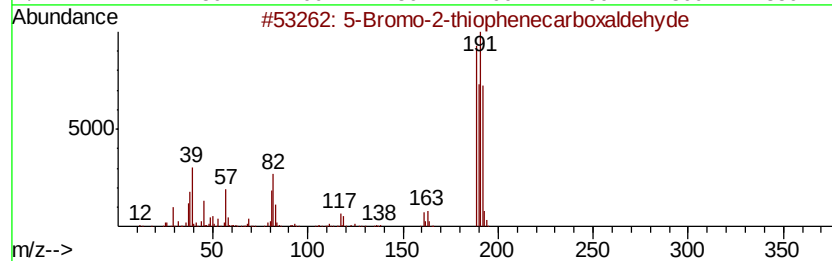
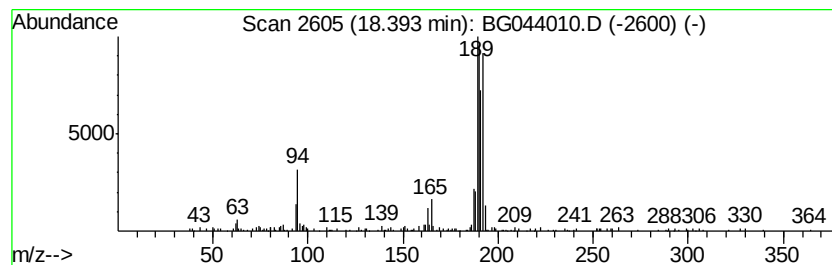
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Bromo-2-thiophenecarboxal... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	9.18 ng	172657	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
2		Benzaldehyde, 3,5-dichloro-2-hydroxy-	190	C7H4Cl2O2	000090-60-8	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	49
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
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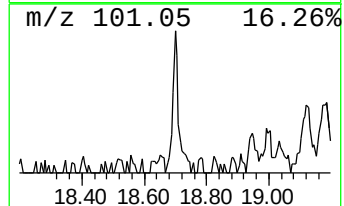
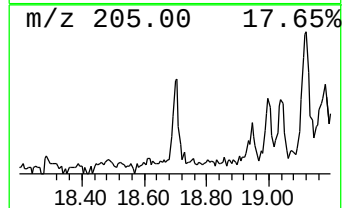
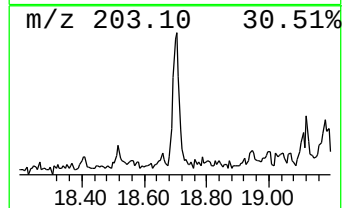
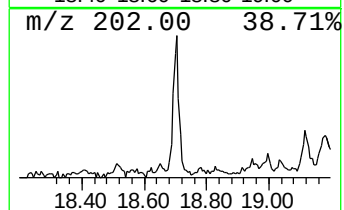
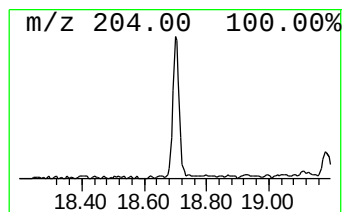
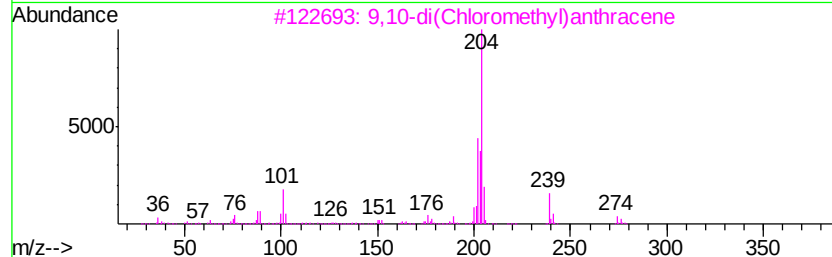
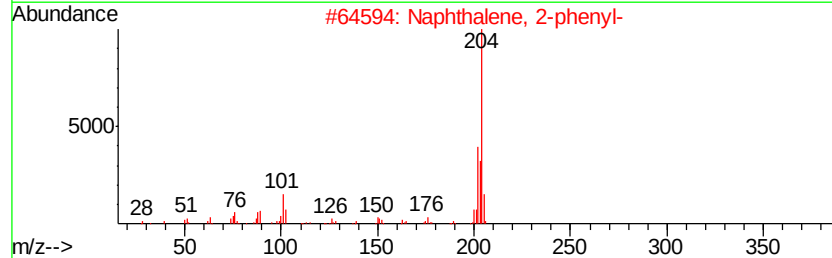
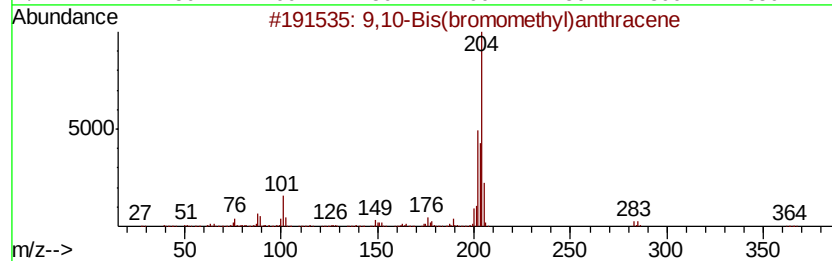
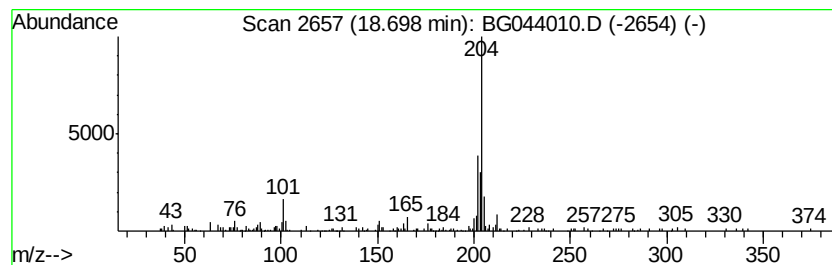
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Bis(bromomethyl)anthra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	3.67 ng	69002	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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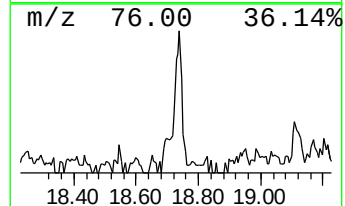
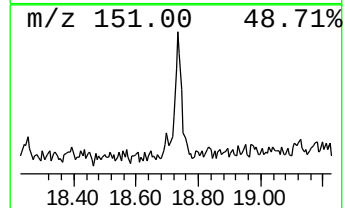
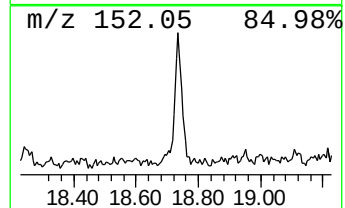
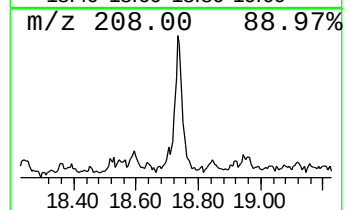
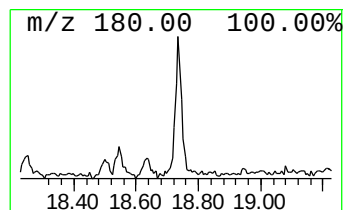
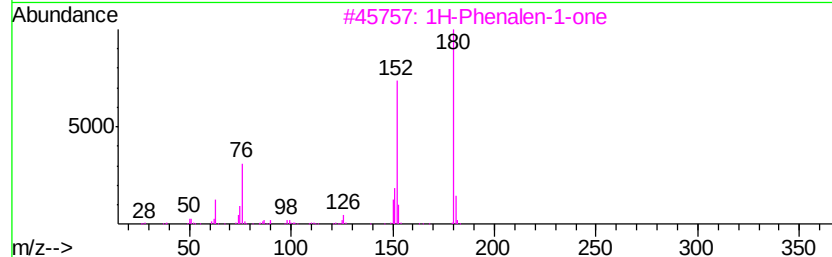
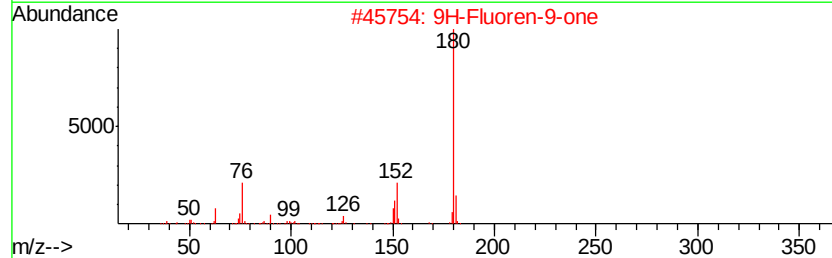
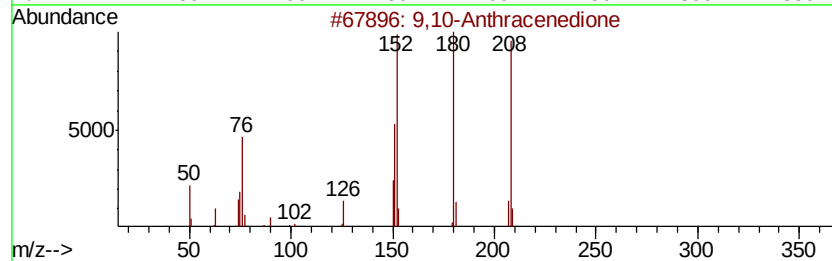
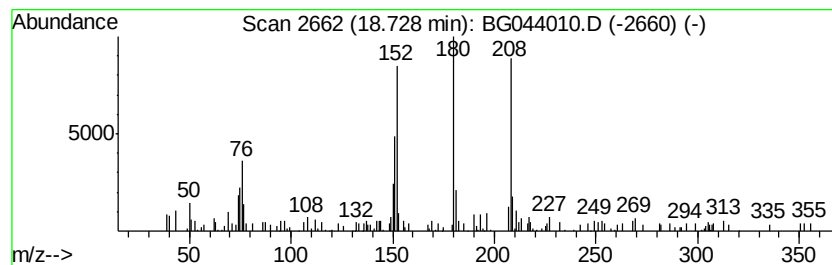
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.44 ng	64741	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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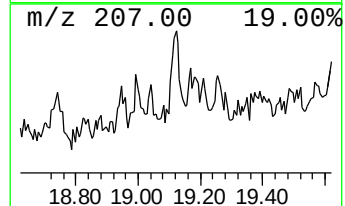
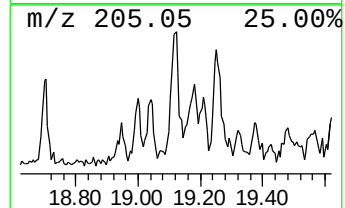
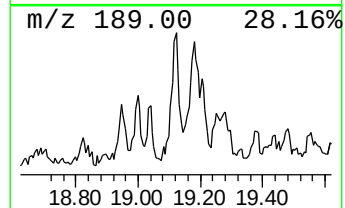
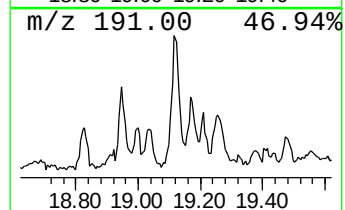
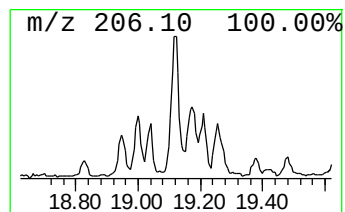
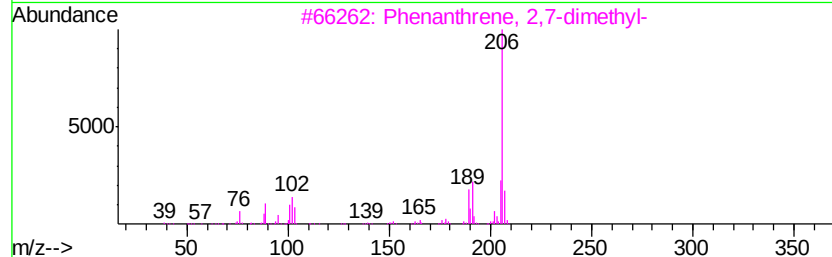
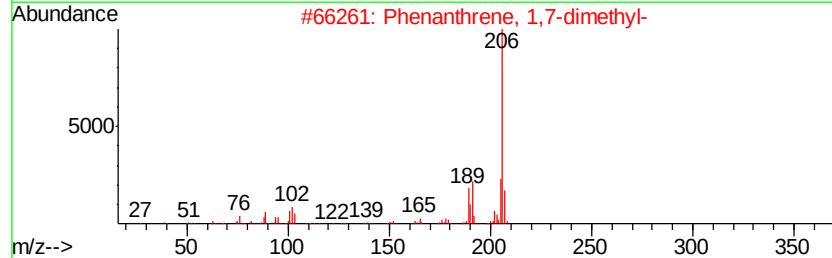
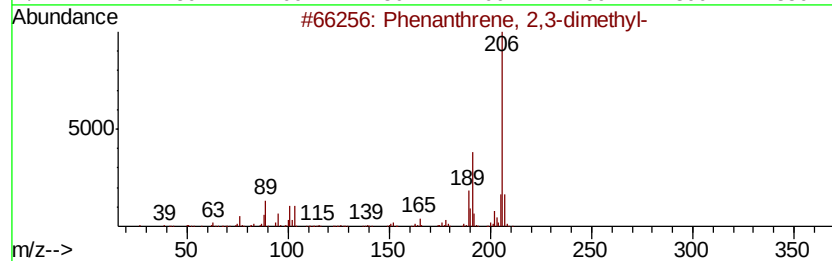
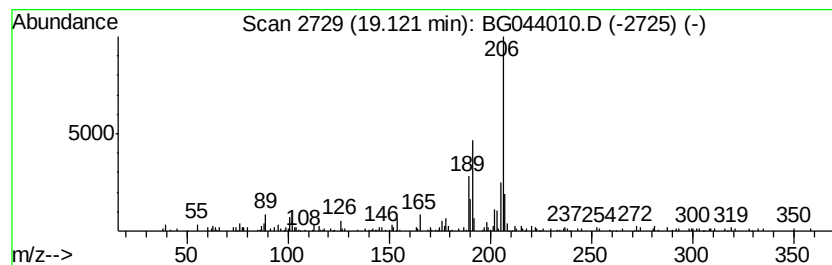
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.67 ng	69117	Phenanthrene-d10	17.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
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Acq On : 10 Jan 2020 20:38
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Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

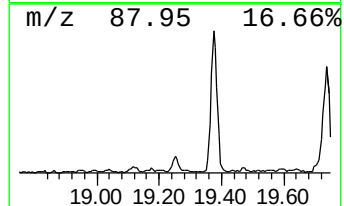
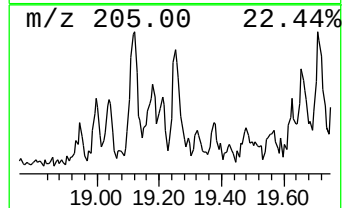
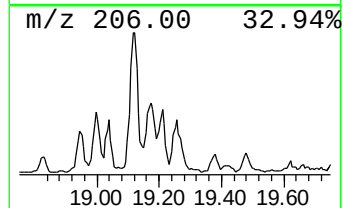
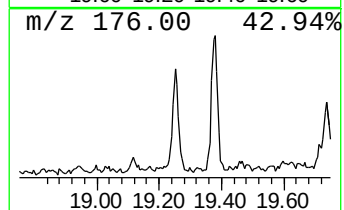
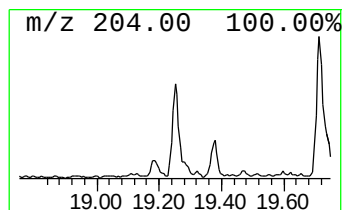
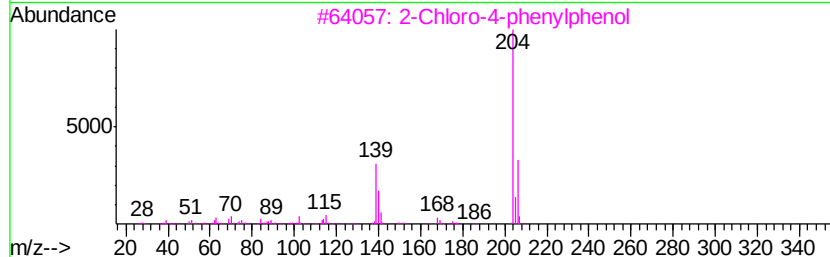
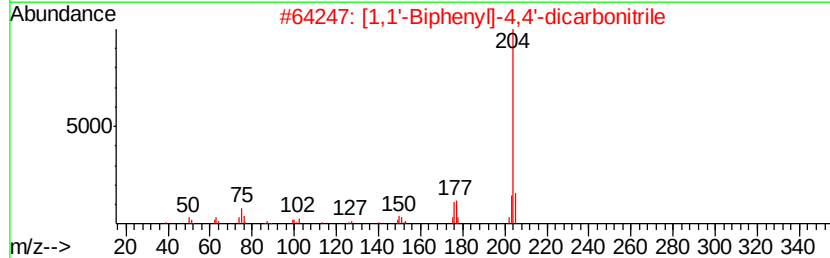
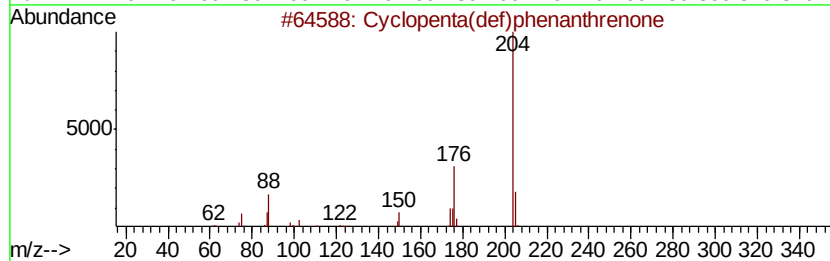
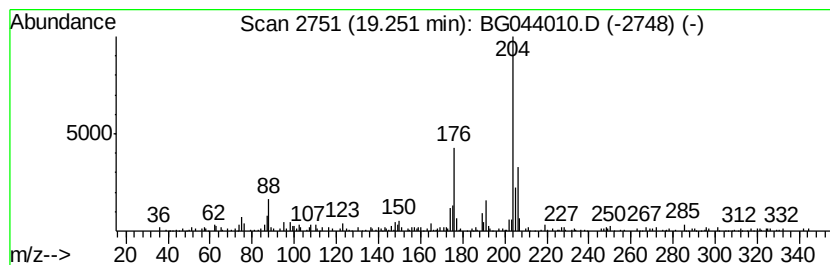
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.25	5.35 ng	100617	Phenanthrene-d10	17.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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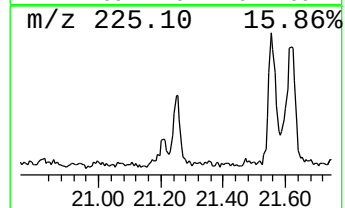
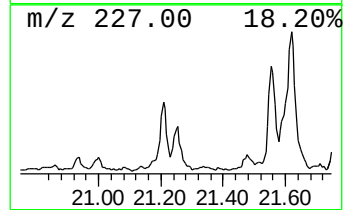
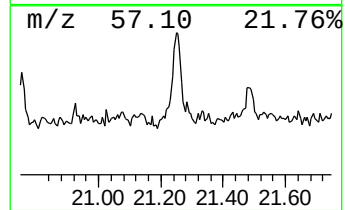
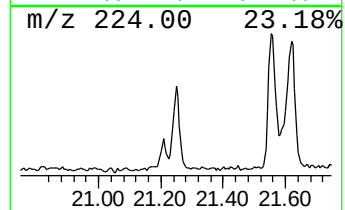
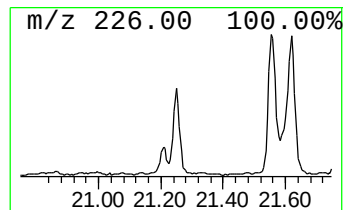
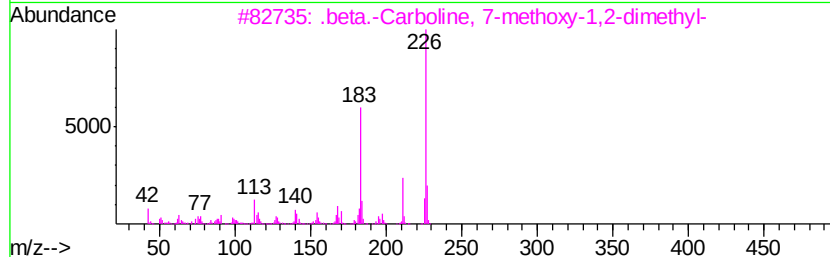
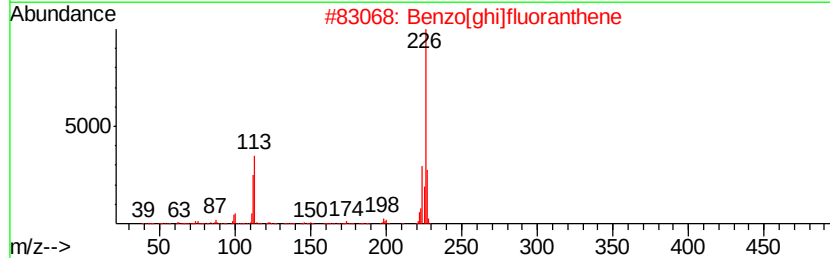
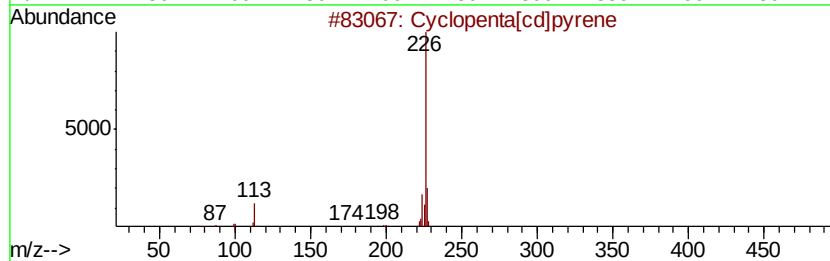
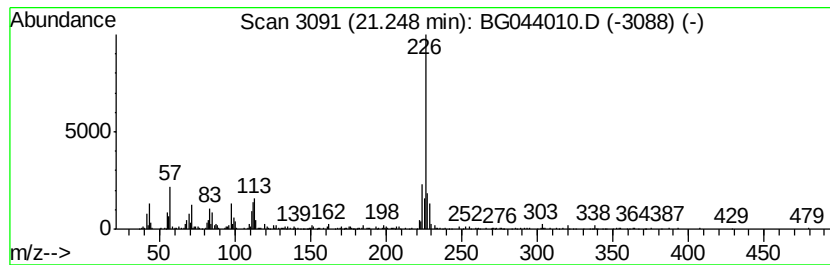
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	3.12 ng	183971	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	62
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4		Ethylamine, N,N-diheptyl-2-phenyl...	349	C22H39NS	1000310-32-6	43
5		1-Heptanamine, N,N-diheptyl-	311	C21H45N	002411-36-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
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Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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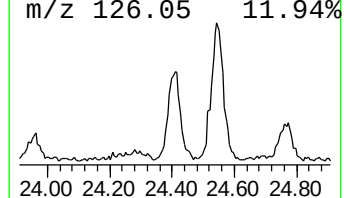
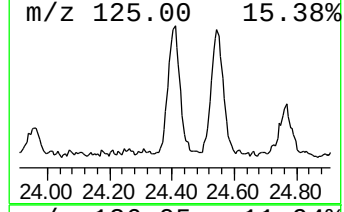
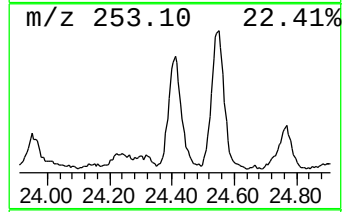
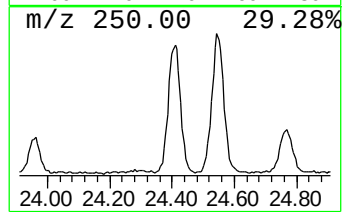
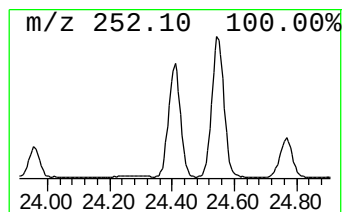
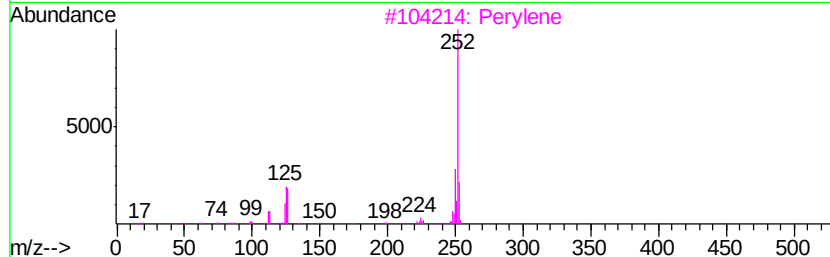
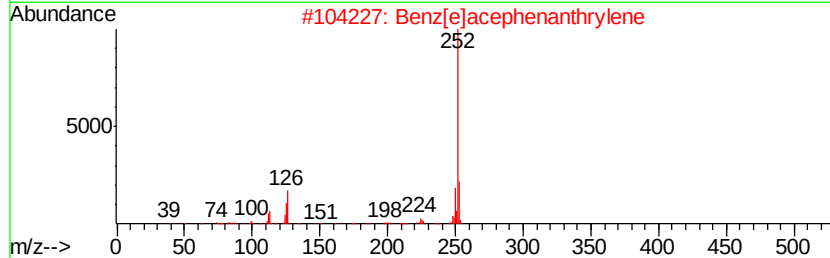
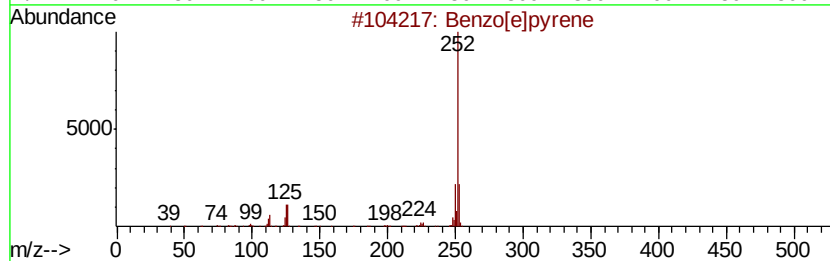
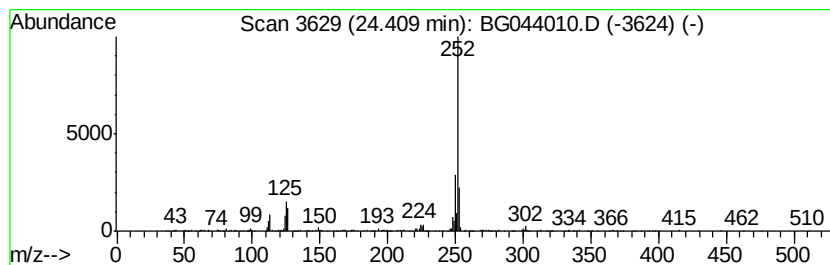
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	15.45 ng	645362	Perylene-d12	24.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\
 Data File : BG044010.D
 Acq On : 10 Jan 2020 20:38
 Operator : JU
 Sample : L1084-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	15.3	ng	144370	1	7.96	189005	20.0
2-Pentanol, 2,4-d...	5.06	10.8	ng	102389	1	7.96	189005	20.0
unknown7.49	7.49	56.0	ng	529560	1	7.96	189005	20.0
Heptadecane	16.31	2.3	ng	42673	4	17.32	376201	20.0
Tridecane	17.10	3.6	ng	67744	4	17.32	376201	20.0
Dibenzothiophene	17.15	2.3	ng	42341	4	17.32	376201	20.0
unknown17.84	17.84	2.2	ng	41976	4	17.32	376201	20.0
Phenanthrene, 2-m...	18.20	4.6	ng	86412	4	17.32	376201	20.0
Phenanthrene, 1-m...	18.25	6.9	ng	129271	4	17.32	376201	20.0
5-Bromo-2-thiophe...	18.39	9.2	ng	172657	4	17.32	376201	20.0
9,10-Bis(bromomet...	18.70	3.7	ng	69002	4	17.32	376201	20.0
9,10-Anthracenedione	18.73	3.4	ng	64741	4	17.32	376201	20.0
Phenanthrene, 2,3...	19.12	3.7	ng	69117	4	17.32	376201	20.0
Cyclopenta(def)ph...	19.25	5.3	ng	100617	4	17.32	376201	20.0
Cyclopenta[cd]pyrene	21.25	3.1	ng	183971	5	21.57	1180920	20.0
Benzo[e]pyrene	24.41	15.4	ng	645362	6	24.69	835487	20.0