

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057261.D
 Acq On : 1 May 2023 22:35
 Operator : CG/JU
 Sample : 02418-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Z3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 00:11:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	15798	20.000	ng/u1	0.00
20) Naphthalene-d8	11.222	136	65205	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.993	164	46624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	102723	20.000	ng/u1	0.00
79) Chrysene-d12	22.049	240	85166	20.000	ng/u1	# 0.00
88) Perylene-d12	25.573	264	89452	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.662	96	539	1.501	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.521	99	19205	12.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	11835	13.468	ng/u1	0.00
11) 2-Chlorophenol-d4	7.909	132	13949	14.168	ng/u1	0.00
15) 4-Methylphenol-d8	9.084	113	8005	7.050	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	8218	15.826	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	9280	15.313	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	16561	14.165	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	11182	7.216	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	57417	15.542	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	65020	15.659	ng/u1	0.00
54) 4-Nitrophenol-d4	15.187	143	4948	9.201	ng/u1	0.00
60) Fluorene-d10	15.980	176	51272	14.898	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	2465	4.050	ng/u1	0.00
73) Anthracene-d10	17.831	188	68919	14.699	ng/u1	0.00
81) Pyrene-d10	20.098	212	85837	16.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.327	264	72407	15.888	ng/u1	0.00
Target Compounds						
16) Acetophenone	9.213	105	4027	2.061	ng/u1	Qvalue 87
72) Phenanthrene	17.778	178	15301m	2.860	ng/u1	
80) Fluoranthene	19.763	202	28069	4.674	ng/u1	97
82) Pyrene	20.128	202	23944	3.939	ng/u1	98
85) Benzo(a)anthracene	22.031	228	12938	2.148	ng/u1	95
87) Chrysene	22.096	228	13608m	2.395	ng/u1	
90) Benzo(b)fluoranthene	24.434	252	17284m	2.790	ng/u1	
91) Benzo(k)fluoranthene	24.510	252	6746m	1.119	ng/u1	
93) Benzo(a)pyrene	25.397	252	11713m	2.190	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.638	276	8280m	1.239	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

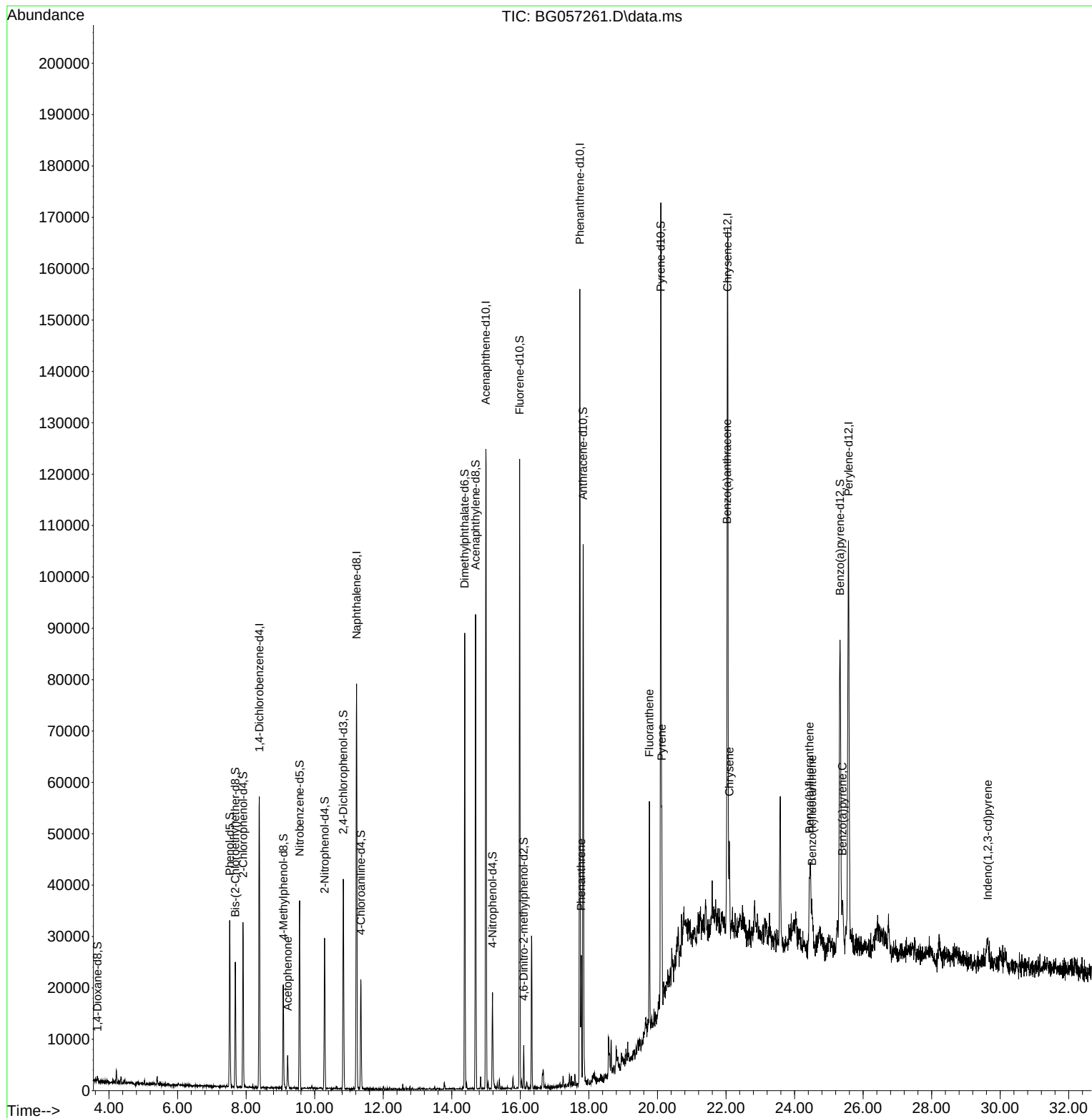
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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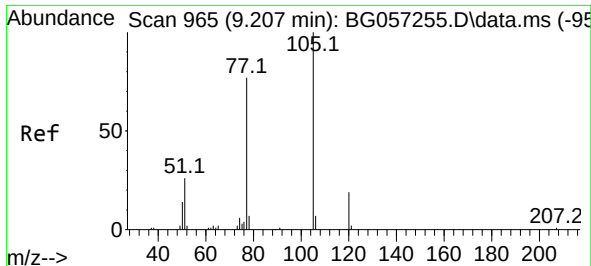
Instrument :
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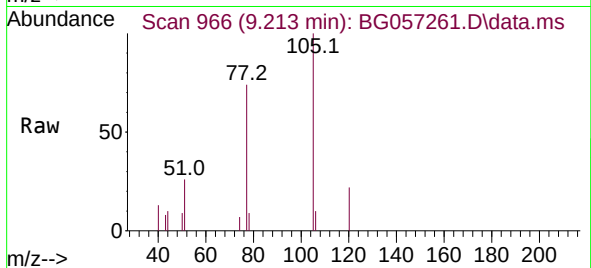
Quant Time: May 02 00:11:23 2023
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#16
Acetophenone
Concen: 2.061 ng/ul
RT: 9.213 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35

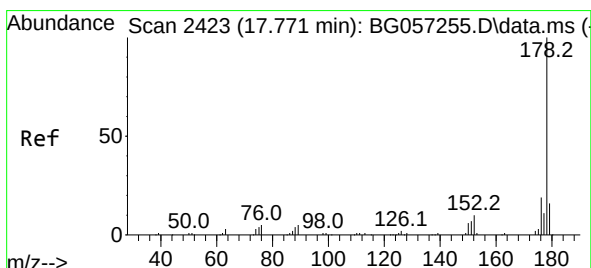
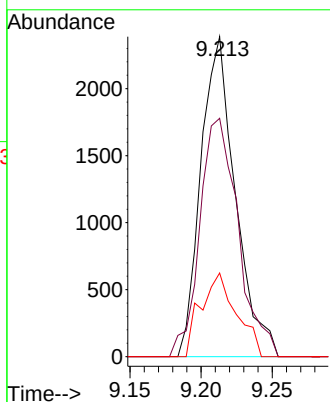
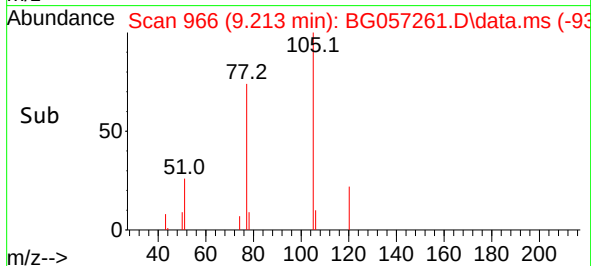
Instrument :
BNA_G
ClientSampleId :
EW8Z3



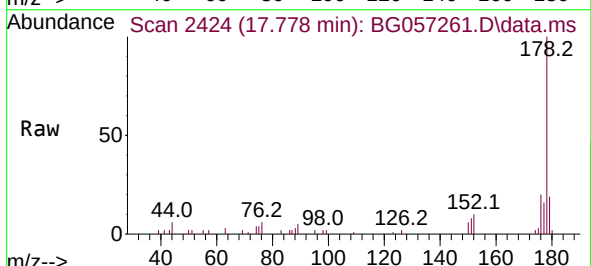
Tgt Ion:105 Resp: 402
Ion Ratio Lower Upper
105 100
77 74.5 70.6 105.8
51 26.1 24.5 36.7

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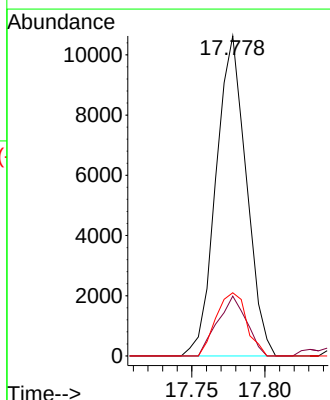
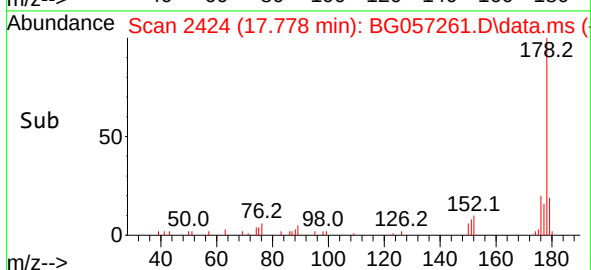
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

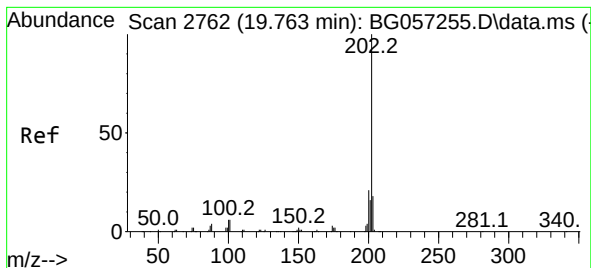


#72
Phenanthrene
Concen: 2.860 ng/ul m
RT: 17.778 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35



Tgt Ion:178 Resp: 15301
Ion Ratio Lower Upper
178 100
179 18.7 11.8 17.8#
176 19.7 15.4 23.0





#80

Fluoranthene

Concen: 4.674 ng/ul

RT: 19.763 min Scan# 2762

Delta R.T. -0.002 min

Lab File: BG057261.D

Acq: 1 May 2023 22:35

Instrument :

BNA_G

ClientSampleId :

EW8Z3

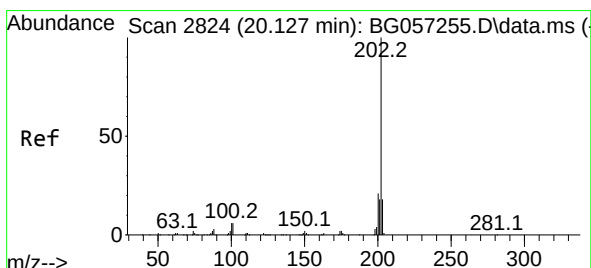
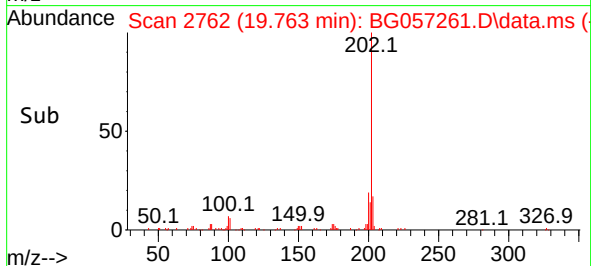
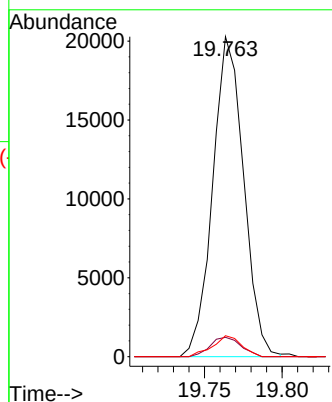
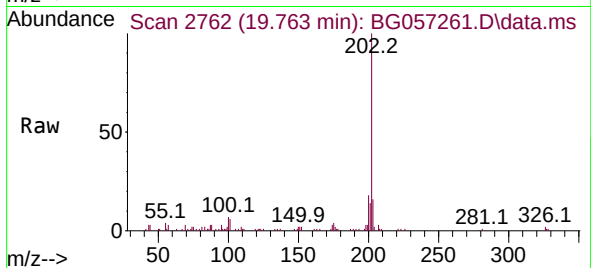
Tgt Ion:	202	Resp:	28069
Ion Ratio	Lower	Upper	
202	100		
101	6.0	5.8	8.6
100	6.5	4.6	7.0

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#82

Pyrene

Concen: 3.939 ng/ul

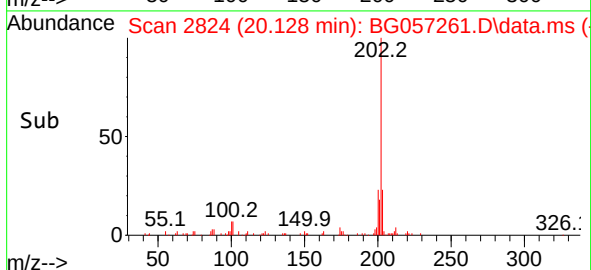
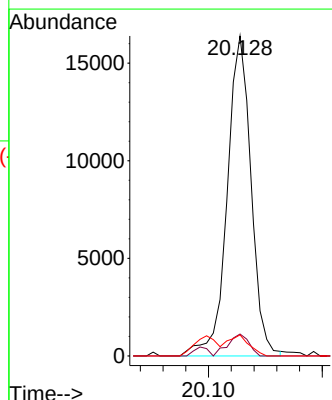
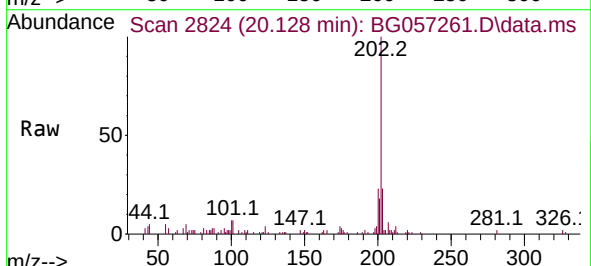
RT: 20.128 min Scan# 2824

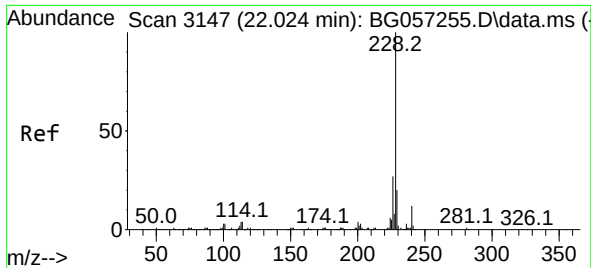
Delta R.T. 0.004 min

Lab File: BG057261.D

Acq: 1 May 2023 22:35

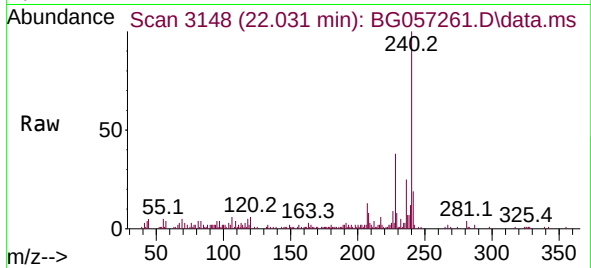
Tgt Ion:	202	Resp:	23944
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.7	8.5
100	6.6	6.0	9.0





#85
Benzo(a)anthracene
Concen: 2.148 ng/u1
RT: 22.031 min Scan# 3148
Delta R.T. 0.004 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35

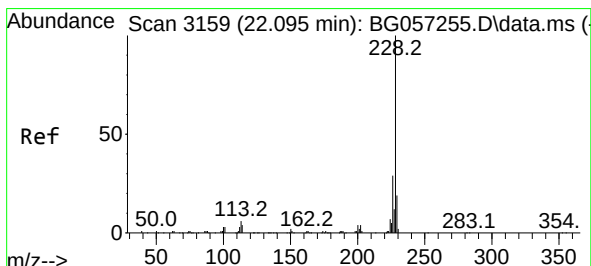
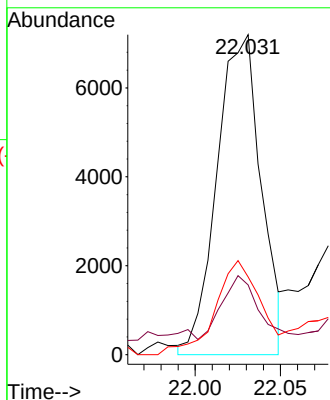
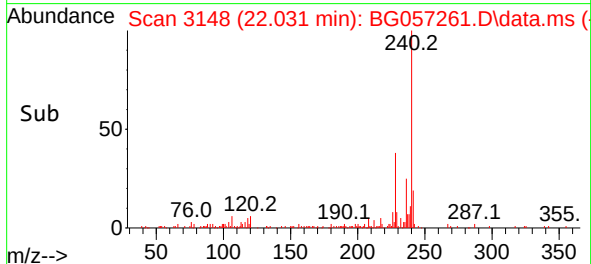
Instrument :
BNA_G
ClientSampleId :
EW8Z3



Tgt Ion:228 Resp: 12938
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 24.3 21.7 32.5

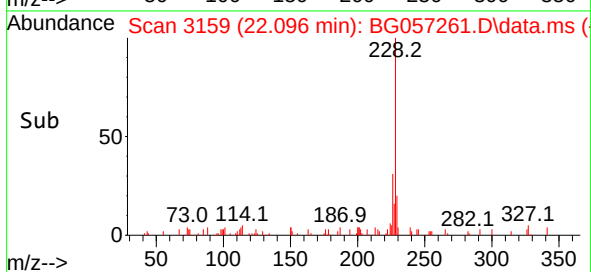
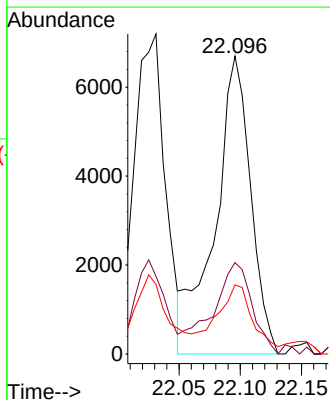
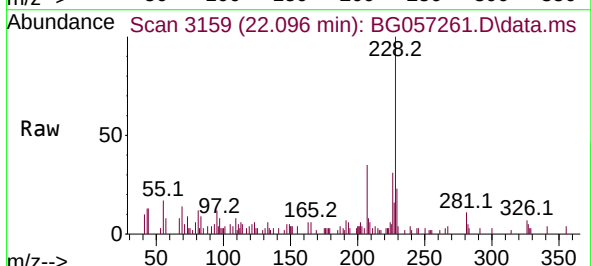
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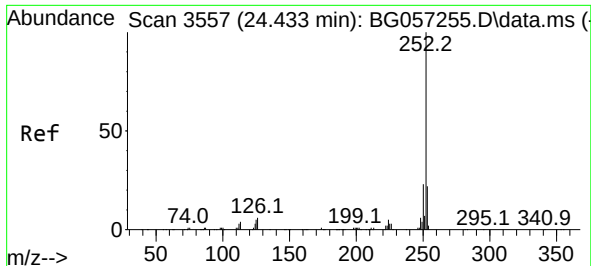
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#87
Chrysene
Concen: 2.395 ng/u1 m
RT: 22.096 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35

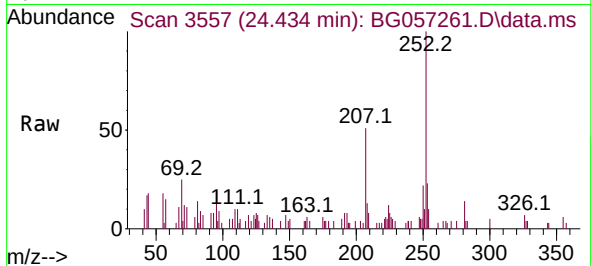
Tgt Ion:228 Resp: 13608
Ion Ratio Lower Upper
228 100
226 30.7 22.8 34.2
229 23.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.790 ng/ul m
RT: 24.434 min Scan# 3557
Delta R.T. -0.002 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35

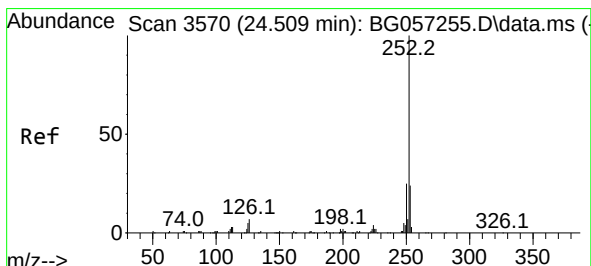
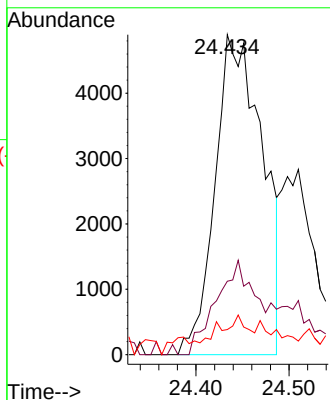
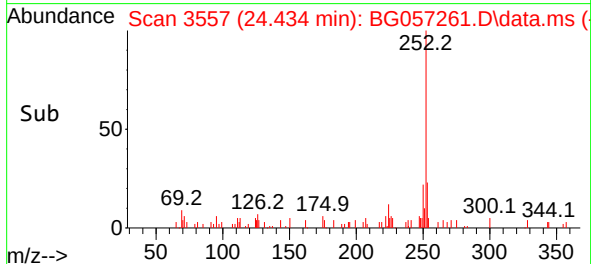
Instrument :
BNA_G
ClientSampleId :
EW8Z3



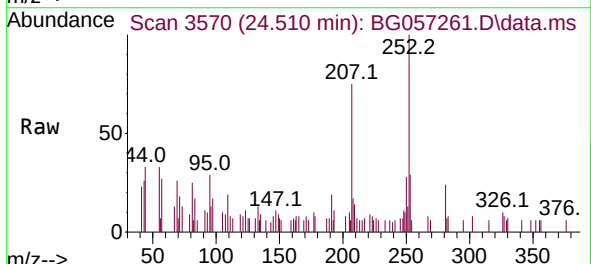
Tgt Ion:252 Resp: 17284
Ion Ratio Lower Upper
252 100
253 23.0 16.7 25.1
125 7.8 4.8 7.2

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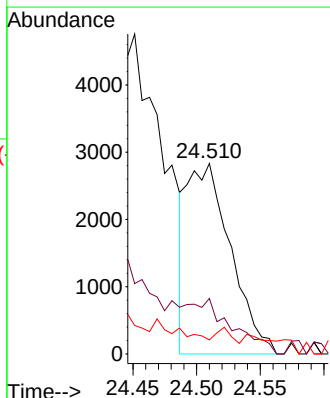
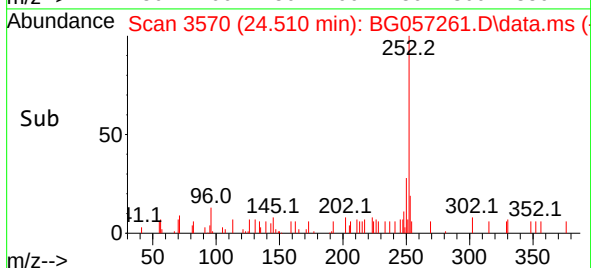
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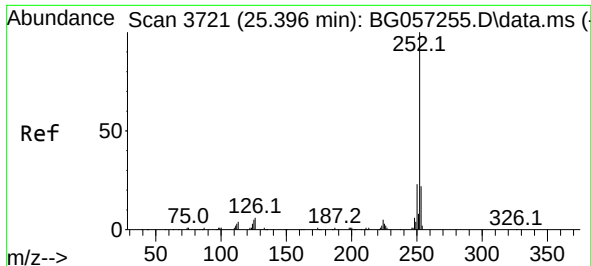


#91
Benzo(k)fluoranthene
Concen: 1.119 ng/ul m
RT: 24.510 min Scan# 3570
Delta R.T. -0.002 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35



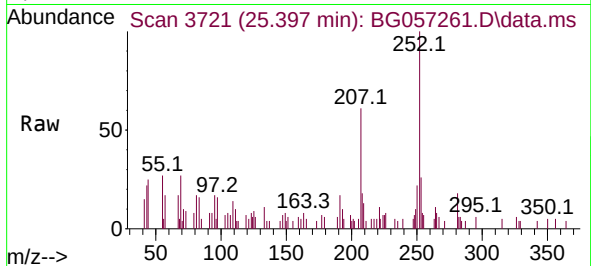
Tgt Ion:252 Resp: 6746
Ion Ratio Lower Upper
252 100
253 29.1 17.7 26.5#
125 7.4 4.5 6.7#





#93
Benzo(a)pyrene
Concen: 2.190 ng/ul m
RT: 25.397 min Scan# 3721
Delta R.T. -0.002 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35

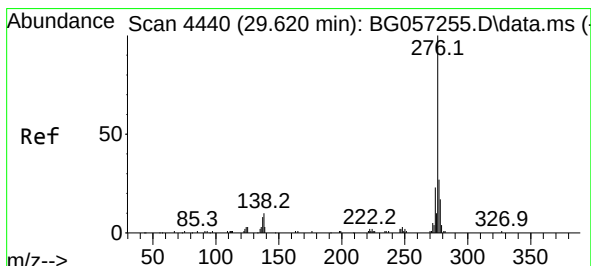
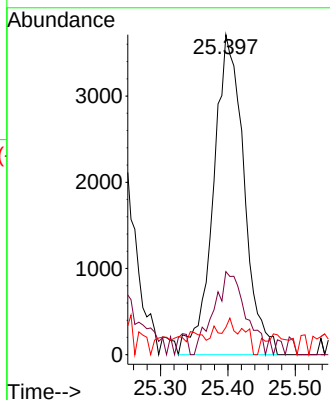
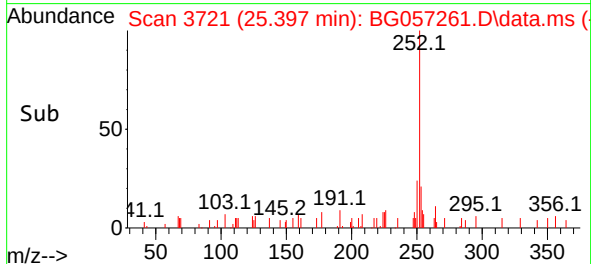
Instrument :
BNA_G
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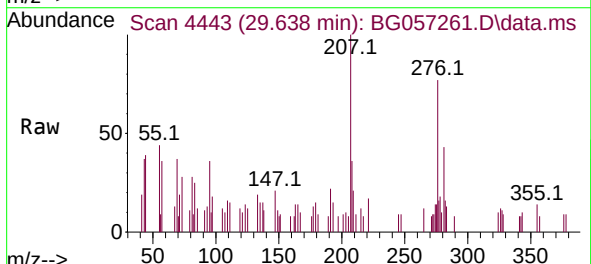
Tgt Ion:252 Resp: 1171
Ion Ratio Lower Upper
252 100
253 26.0 17.2 25.8
125 8.5 5.1 7.7

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.239 ng/ul m
RT: 29.638 min Scan# 4443
Delta R.T. 0.015 min
Lab File: BG057261.D
Acq: 1 May 2023 22:35



Tgt Ion:276 Resp: 8280
Ion Ratio Lower Upper
276 100
138 13.7 9.4 14.2
277 20.9 18.6 28.0

