

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061621.D
 Acq On : 21 Jun 2024 15:29
 Operator : MA/JU
 Sample : P2754-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 23:29:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	57982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	271096	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	186904	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	454351	20.000	ng/u1	0.00
79) Chrysene-d12	21.705	240	420494	20.000	ng/u1	0.00
88) Perylene-d12	24.931	264	502084	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.468	96	8800	5.483	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.210	99	162804	25.864	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	100561	25.628	ng/u1	0.00
11) 2-Chlorophenol-d4	7.598	132	114269	26.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.761	113	121123	24.891	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	53435	29.029	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	57536	30.862	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.495	165	122228	27.688	ng/u1	0.00
31) 4-Chloroaniline-d4	11.018	131	120554	18.038	ng/u1	0.00
46) Dimethylphthalate-d6	14.108	166	415765	28.907	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	479778	30.438	ng/u1	0.00
54) 4-Nitrophenol-d4	14.866	143	66647	26.981	ng/u1	0.00
60) Fluorene-d10	15.689	176	391165	31.066	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	46342	23.853	ng/u1	0.00
73) Anthracene-d10	17.539	188	611942	29.506	ng/u1	0.00
81) Pyrene-d10	19.819	212	628319	26.751	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.713	264	473364	19.740	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.902	105	10010	1.249	ng/u1	87
72) Phenanthrene	17.481	178	67031	2.804	ng/u1	97
80) Fluoranthene	19.490	202	127537	4.680	ng/u1	99
82) Pyrene	19.848	202	105065	3.626	ng/u1	98
85) Benzo(a)anthracene	21.687	228	64788	2.195	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.634	149	6361860	410.207	ng/u1#	68
87) Chrysene	21.752	228	60375	2.162	ng/u1	96
90) Benzo(b)fluoranthene	23.908	252	81522m	2.701	ng/u1	
93) Benzo(a)pyrene	24.772	252	31818m	1.095	ng/u1	

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

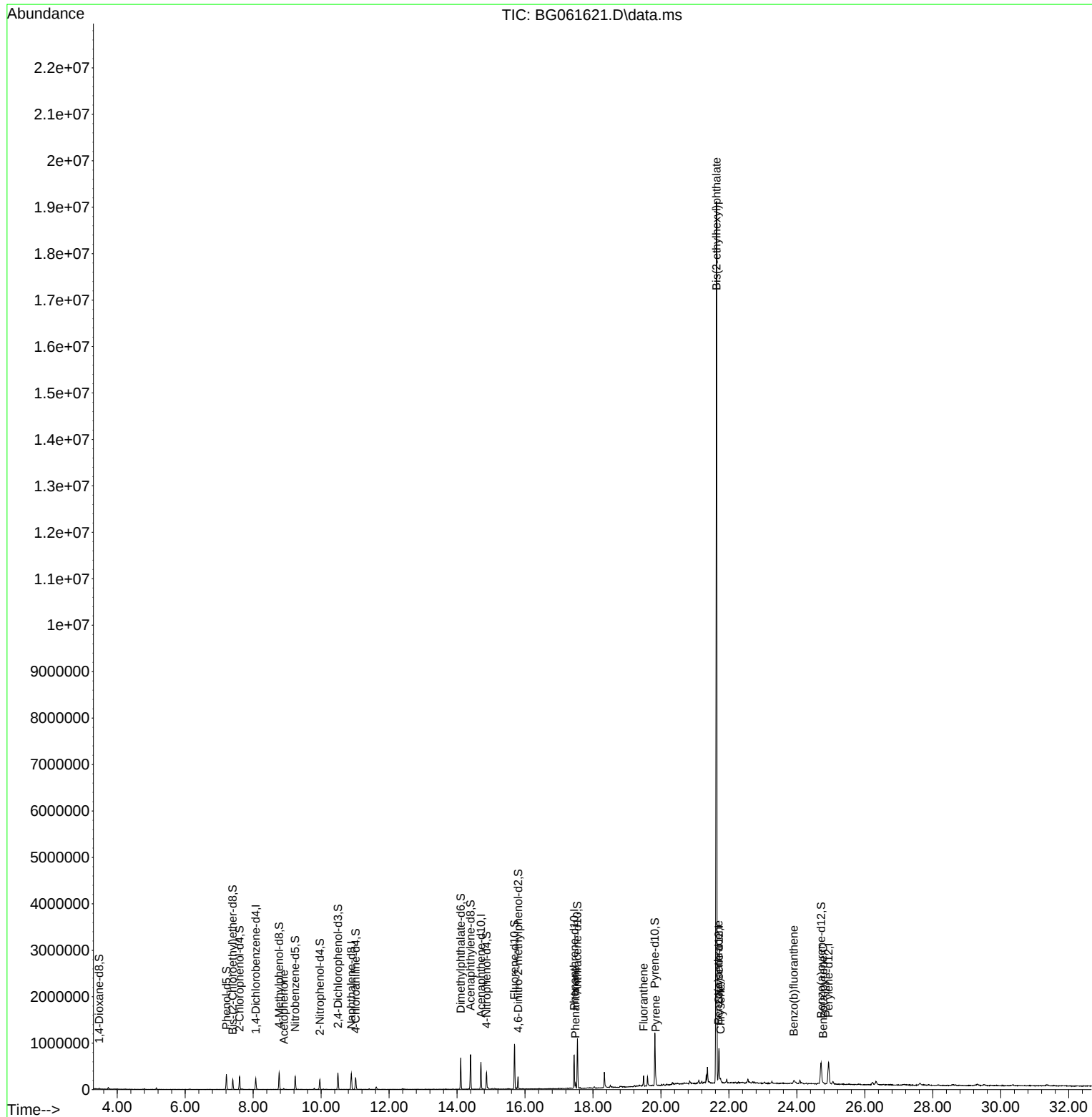
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061621.D
Acq On : 21 Jun 2024 15:29
Operator : MA/JU
Sample : P2754-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

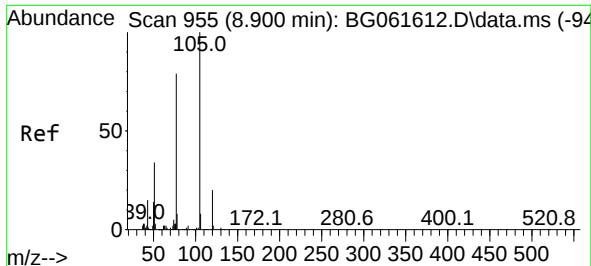
Instrument :
BNA_G
ClientSampleId :
A4BP7

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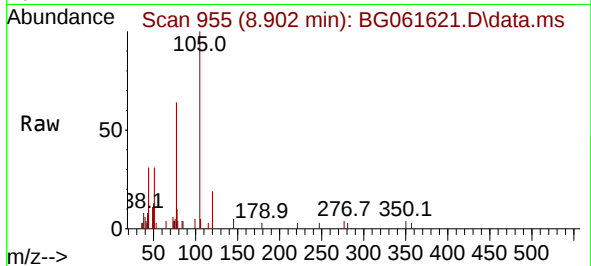
Quant Time: Jun 21 23:29:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.249 ng/ul
RT: 8.902 min Scan# 910
Delta R.T. 0.003 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

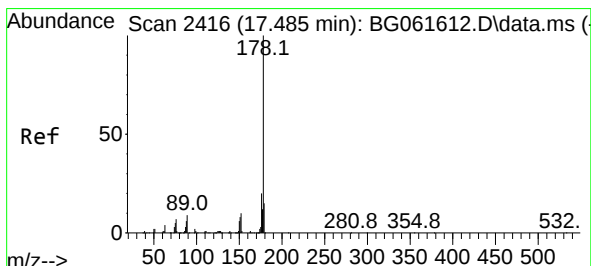
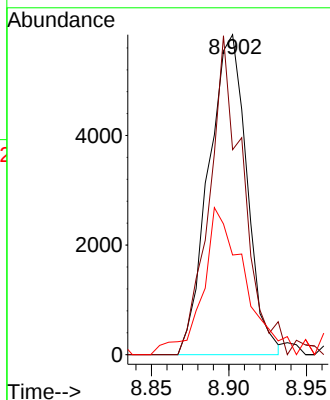
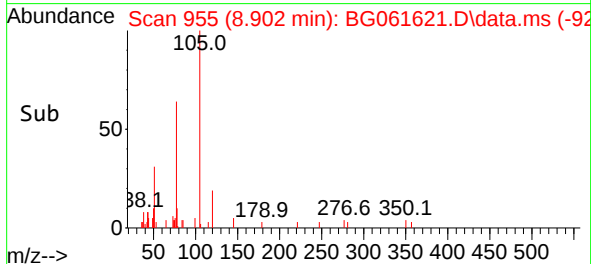
Instrument :
BNA_G
ClientSampleId :
A4BP7



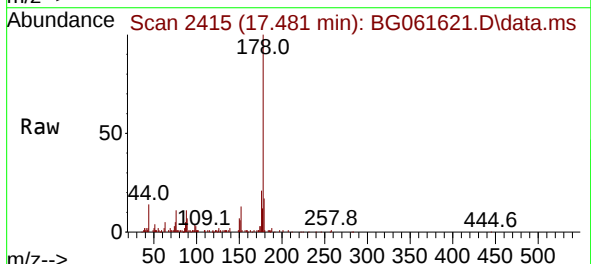
Tgt Ion:105 Resp: 10010
Ion Ratio Lower Upper
105 100
77 64.1 60.4 90.6
51 31.1 31.1 46.7

Manual Integrations
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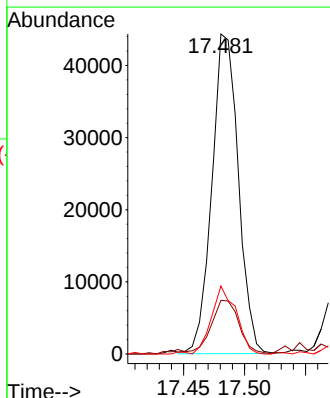
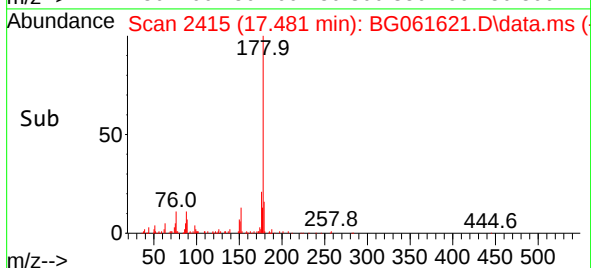
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

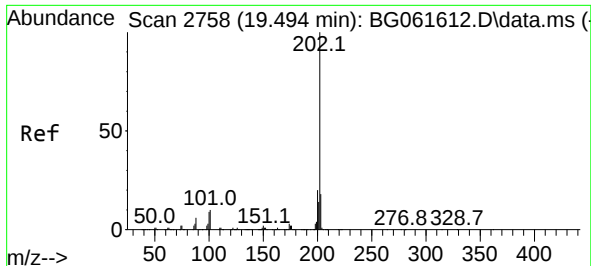


#72
Phenanthrene
Concen: 2.804 ng/ul
RT: 17.481 min Scan# 2415
Delta R.T. -0.008 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29



Tgt Ion:178 Resp: 67031
Ion Ratio Lower Upper
178 100
179 16.7 12.0 18.0
176 21.2 16.2 24.2





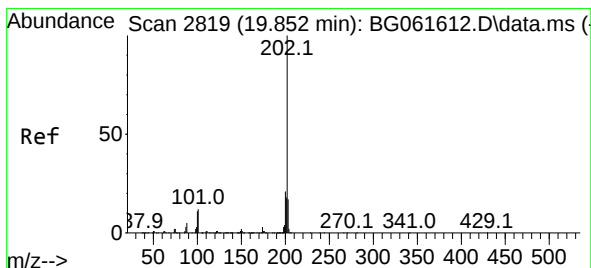
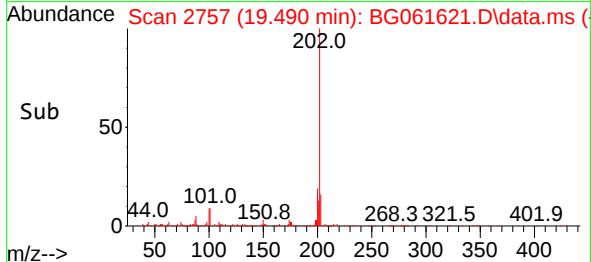
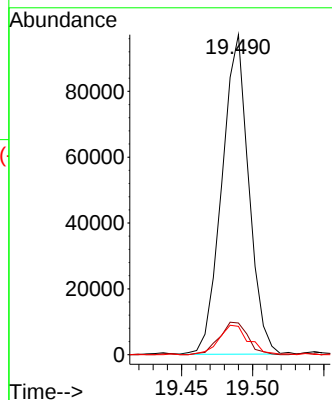
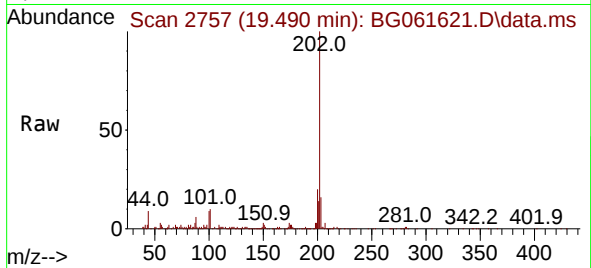
#80
Fluoranthene
Concen: 4.680 ng/u1
RT: 19.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

Instrument :
BNA_G
ClientSampleId :
A4BP7

Tgt Ion:202 Resp: 12753
Ion Ratio Lower Upper
202 100
101 9.9 7.8 11.6
100 8.9 7.7 11.5

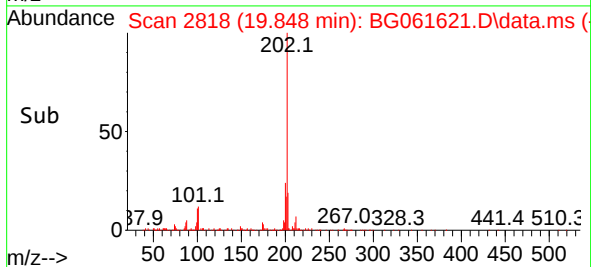
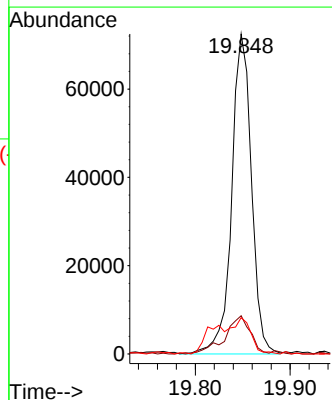
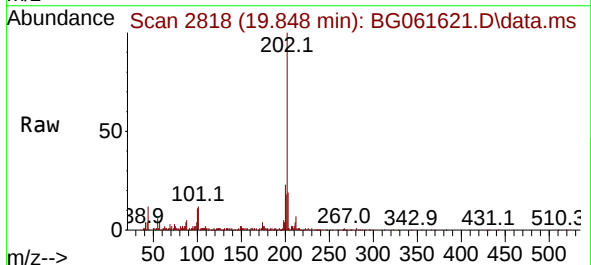
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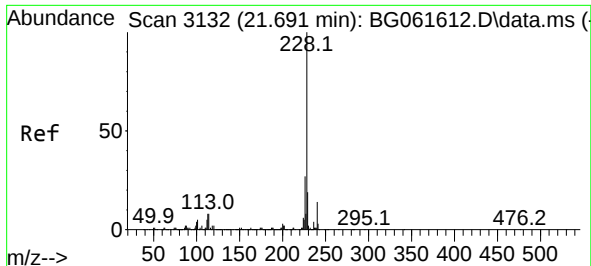
Reviewed By :Yogesh Patel 06/24/2024
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#82
Pyrene
Concen: 3.626 ng/u1
RT: 19.848 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

Tgt Ion:202 Resp: 105065
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 11.4 9.9 14.9





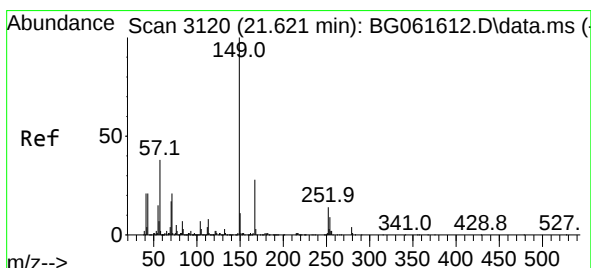
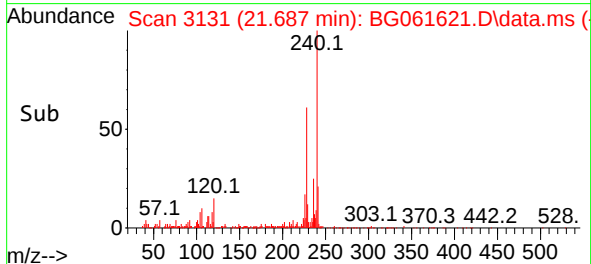
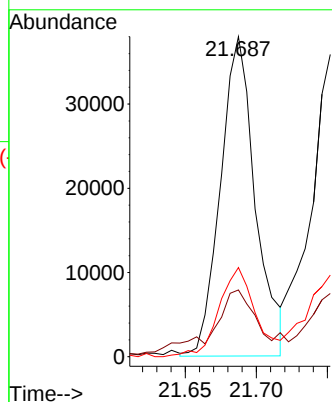
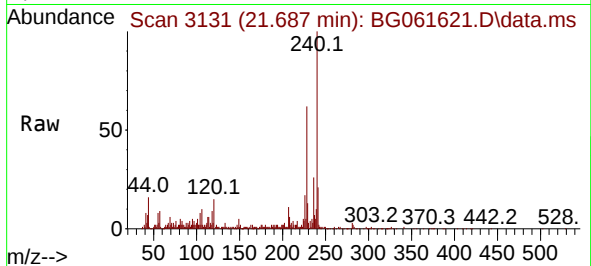
#85
Benzo(a)anthracene
Concen: 2.195 ng/ul
RT: 21.687 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

Instrument :
BNA_G
ClientSampleId :
A4BP7

Tgt Ion:228 Resp: 64788
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 27.9 21.4 32.2

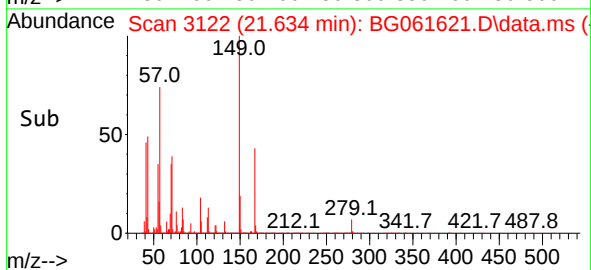
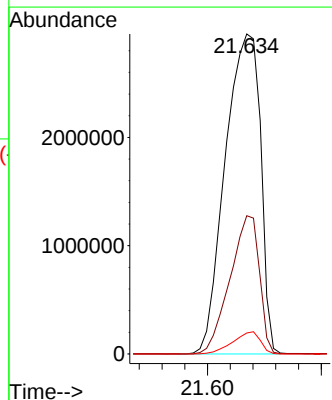
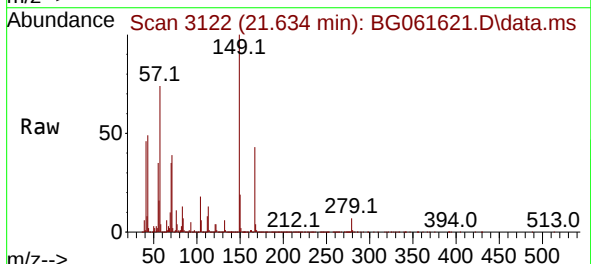
Manual Integrations
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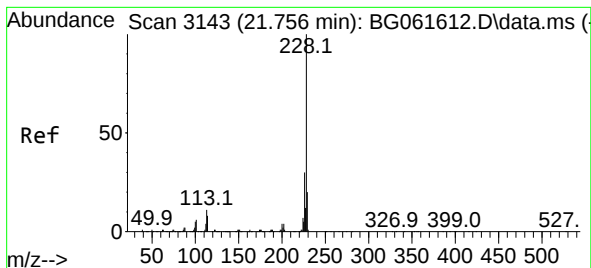
Reviewed By :Yogesh Patel 06/24/2024
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#86
Bis(2-ethylhexyl)phthalate
Concen: 410.207 ng/ul
RT: 21.634 min Scan# 3122
Delta R.T. 0.009 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

Tgt Ion:149 Resp: 6361860
Ion Ratio Lower Upper
149 100
167 43.2 20.5 30.7#
279 6.6 2.9 4.3#





#87

Chrysene

Concen: 2.162 ng/ul

RT: 21.752 min Scan# 3143

Delta R.T. -0.008 min

Lab File: BG061621.D

Acq: 21 Jun 2024 15:29

Instrument :

BNA_G

ClientSampleId :

A4BP7

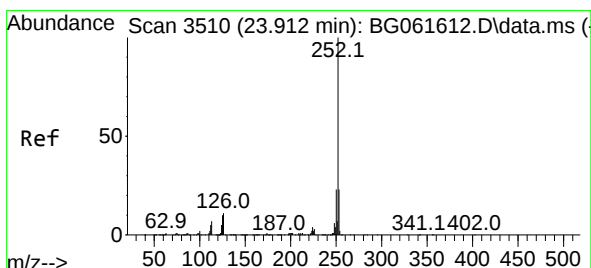
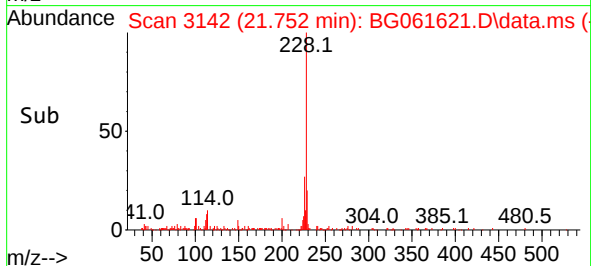
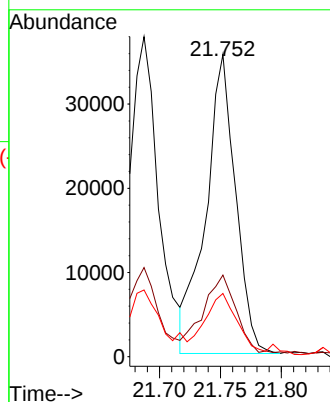
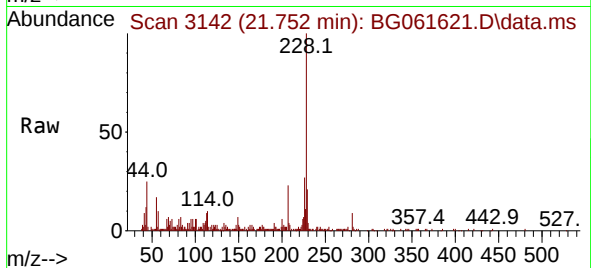
Tgt Ion:	228	Resp:	6037
Ion Ratio	Lower	Upper	
228	100		
226	27.0	24.2	36.2
229	20.9	16.5	24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.701 ng/ul m

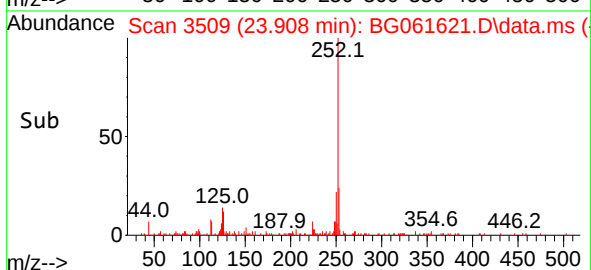
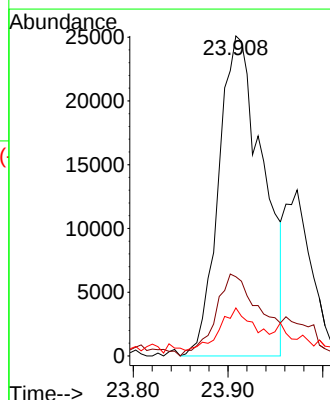
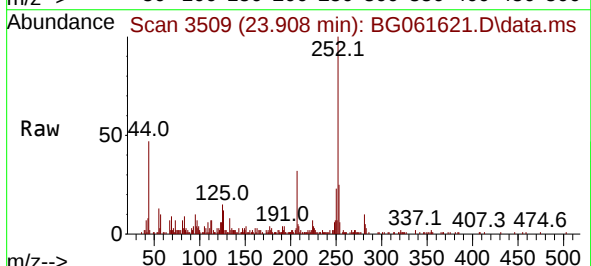
RT: 23.908 min Scan# 3509

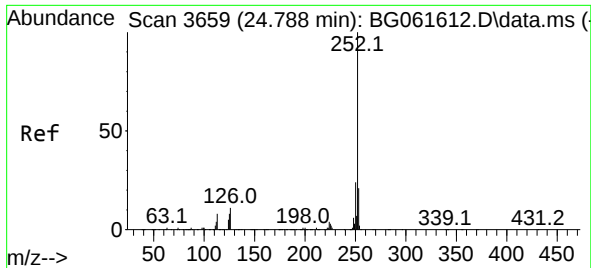
Delta R.T. -0.008 min

Lab File: BG061621.D

Acq: 21 Jun 2024 15:29

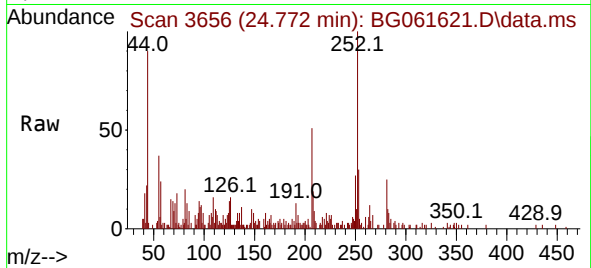
Tgt Ion:	252	Resp:	81522
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.6	27.8
125	15.0	7.0	10.6





#93
Benzo(a)pyrene
Concen: 1.095 ng/ul m
RT: 24.772 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG061621.D
Acq: 21 Jun 2024 15:29

Instrument :
BNA_G
ClientSampleId :
A4BP7



Tgt Ion:252 Resp: 31818
Ion Ratio Lower Upper
252 100
253 29.7 16.8 25.2
125 14.0 6.5 9.7

Manual Integrations
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