

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061337.D
 Acq On : 29 May 2024 20:47
 Operator : MA/JU
 Sample : P2571-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH657

Manual Integrations
 APPROVED

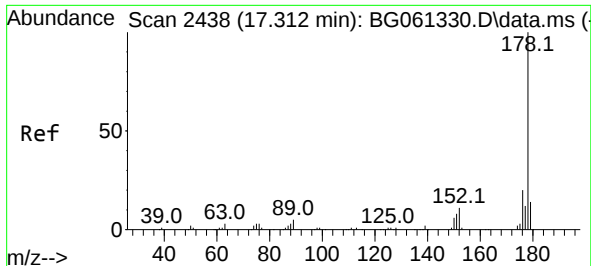
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 00:18:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

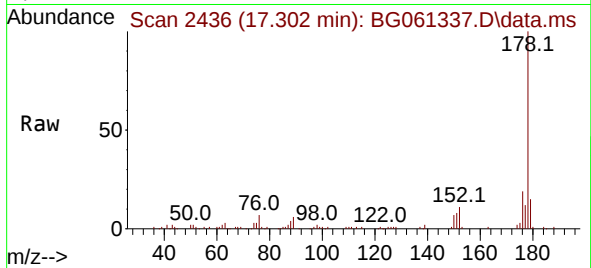
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	23527	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.674	136	102327	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.511	164	75515	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.261	188	173149	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.515	240	179455	20.000	ng/u1	0.00
88) Perylene-d12	24.599	264	203814	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	1674	3.982	ng/uL	0.00
4) Pyridine-d5	3.747	84	19245	12.868	ng/u1	0.00
7) Phenol-d5	7.067	99	50681	26.232	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.208	67	31505	25.943	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	39895	27.901	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	39224	23.809	ng/u1	-0.01
21) Nitrobenzene-d5	9.041	128	20859	26.476	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	24532	26.606	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	48711	27.098	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	36846	15.668	ng/u1	0.00
46) Dimethylphthalate-d6	13.918	166	155312	26.518	ng/u1	-0.01
49) Acenaphthylene-d8	14.206	160	170145	27.943	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.746	143	15573	21.507	ng/u1	0.00
60) Fluorene-d10	15.510	176	137281	27.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	19714	18.825	ng/u1	-0.01
73) Anthracene-d10	17.361	188	207281	27.154	ng/u1	0.00
81) Pyrene-d10	19.652	212	262224	28.459	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.388	264	282149	28.795	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.302	178	68150	8.109	ng/u1	99
80) Fluoranthene	19.323	202	206516	18.683	ng/u1	99
82) Pyrene	19.681	202	190990	16.646	ng/u1	99
83) Butylbenzylphthalate	20.575	149	6584	1.670	ng/u1	92
85) Benzo(a)anthracene	21.497	228	105917	8.554	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	30986	5.311	ng/u1	100
87) Chrysene	21.562	228	121178	10.628	ng/u1	98
90) Benzo(b)fluoranthene	23.630	252	170573	14.056	ng/u1	95
91) Benzo(k)fluoranthene	23.683	252	61742m	5.012	ng/u1	
93) Benzo(a)pyrene	24.452	252	112504	9.763	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.089	276	79367	5.696	ng/u1	98
95) Dibenzo(a,h)anthracene	28.136	278	22764m	1.981	ng/u1	
96) Benzo(g,h,i)perylene	29.182	276	73058m	6.590	ng/u1	

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



#72
Phenanthrene
Concen: 8.109 ng/u1
RT: 17.302 min Scan# 2438
Delta R.T. -0.011 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

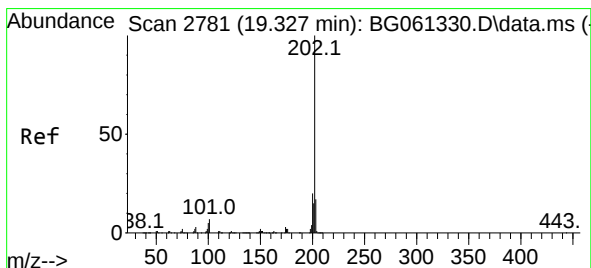
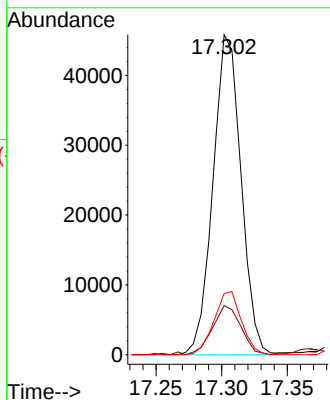
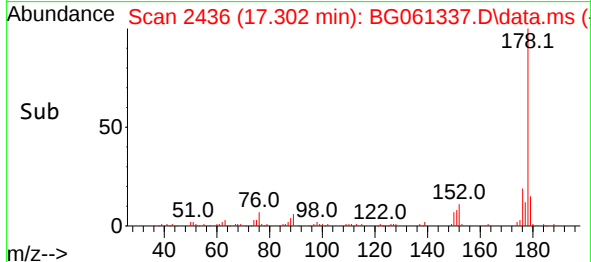
Instrument :
BNA_G
ClientSampleId :
BH657



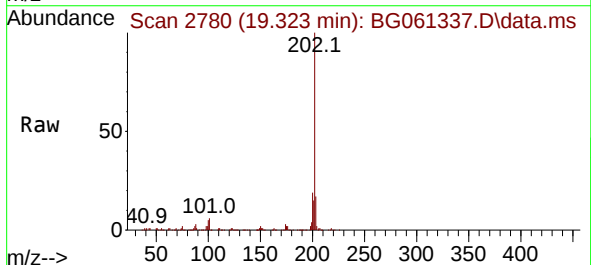
Tgt Ion:178 Resp: 68150
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.1 15.5 23.3

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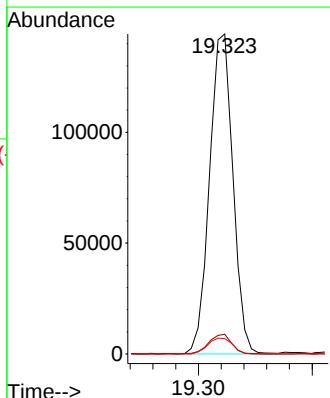
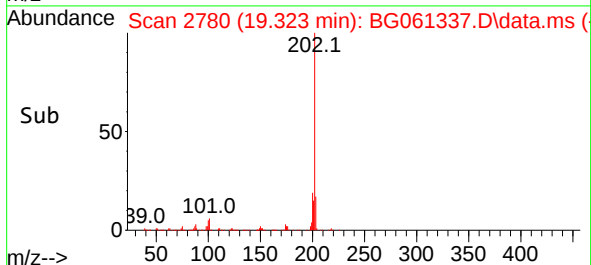
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

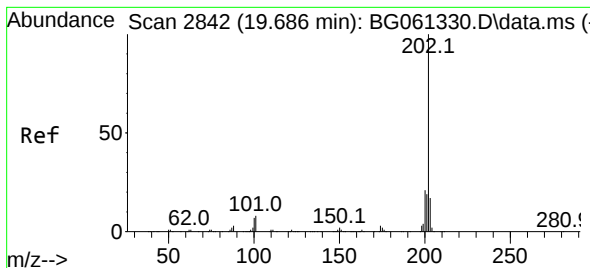


#80
Fluoranthene
Concen: 18.683 ng/u1
RT: 19.323 min Scan# 2780
Delta R.T. -0.005 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47



Tgt Ion:202 Resp: 206516
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 4.8 4.1 6.1





#82

Pyrene

Concen: 16.646 ng/ul

RT: 19.681 min Scan# 2841

Delta R.T. -0.005 min

Lab File: BG061337.D

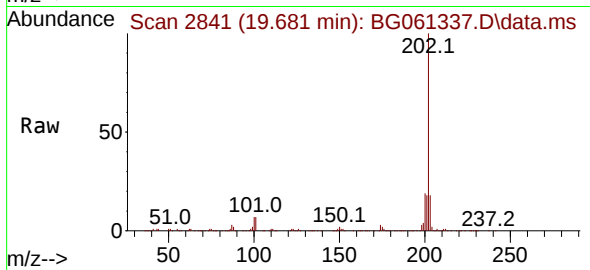
Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

BH657



Tgt Ion:202 Resp: 190990

Ion Ratio Lower Upper

202 100

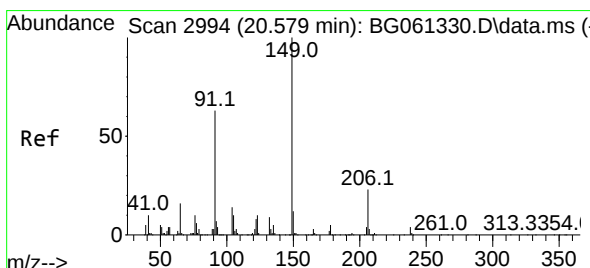
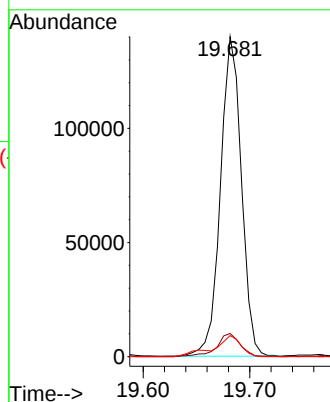
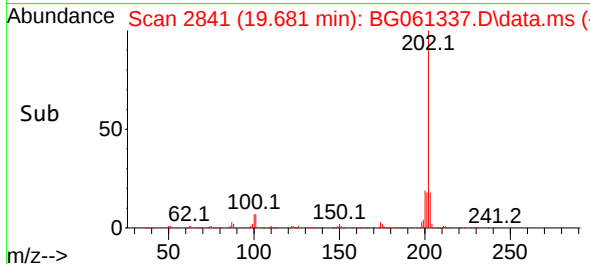
101 7.3 5.7 8.5

100 6.6 5.1 7.7

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#83

Butylbenzylphthalate

Concen: 1.670 ng/ul

RT: 20.575 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

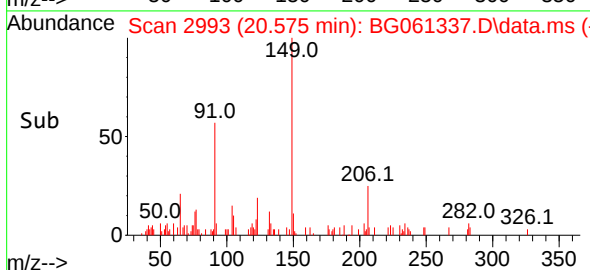
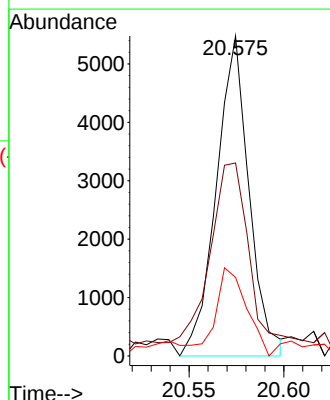
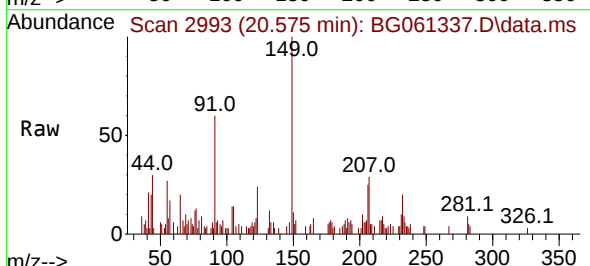
Tgt Ion:149 Resp: 6584

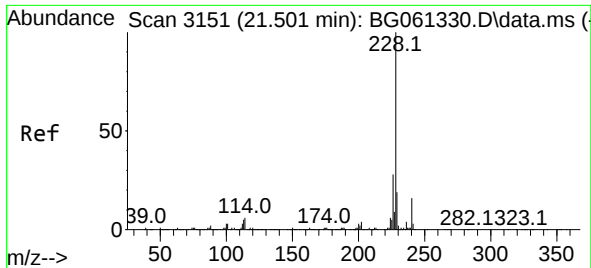
Ion Ratio Lower Upper

149 100

91 60.3 54.8 82.2

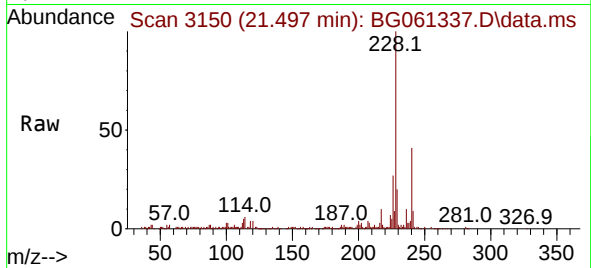
206 24.5 19.4 29.0





#85
Benzo(a)anthracene
Concen: 8.554 ng/ul
RT: 21.497 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

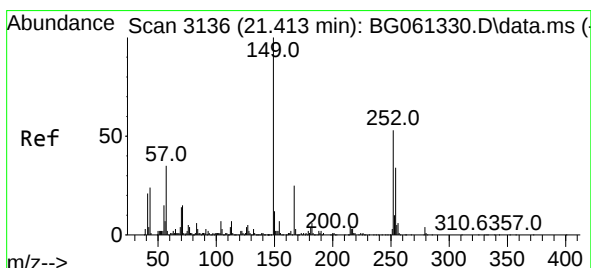
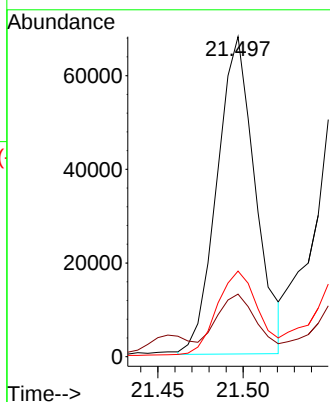
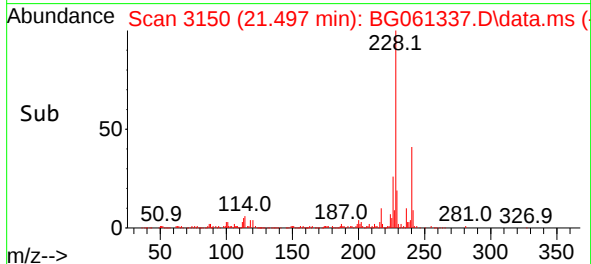
Instrument :
BNA_G
ClientSampleId :
BH657



Tgt Ion:228 Resp: 105917
Ion Ratio Lower Upper
228 100
229 19.6 15.2 22.8
226 26.7 21.4 32.2

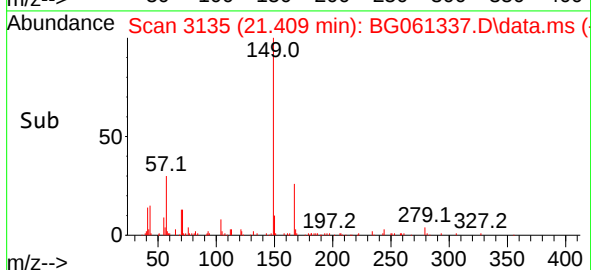
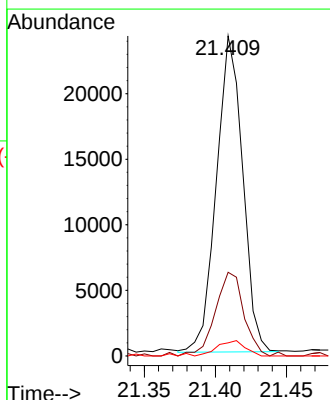
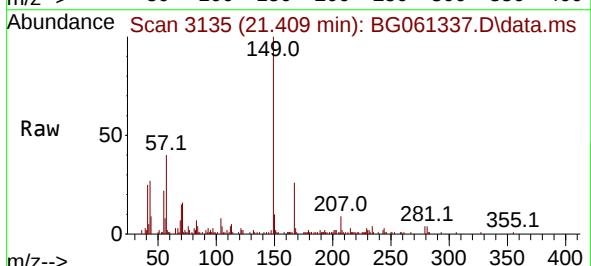
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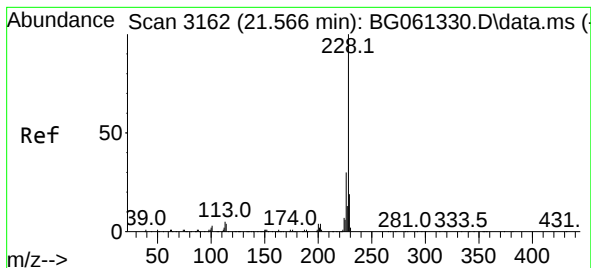
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.311 ng/ul
RT: 21.409 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

Tgt Ion:149 Resp: 30986
Ion Ratio Lower Upper
149 100
167 26.1 21.1 31.7
279 4.1 3.3 4.9





#87

Chrysene

Concen: 10.628 ng/ul

RT: 21.562 min Scan# 3162

Delta R.T. -0.005 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

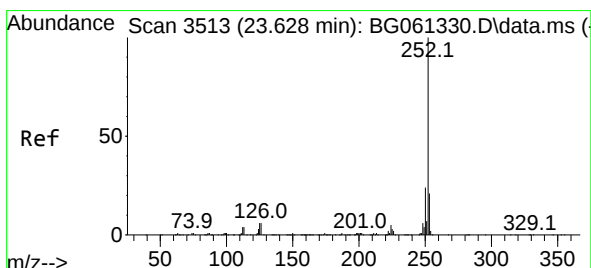
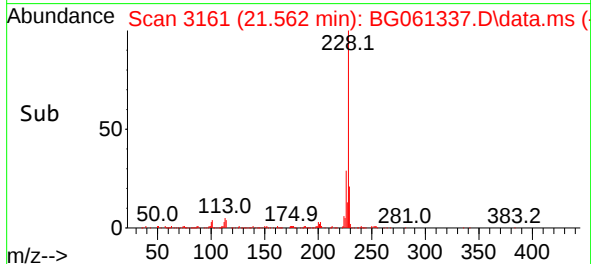
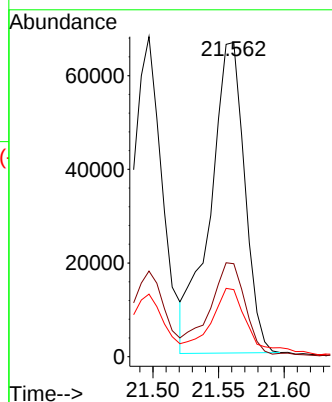
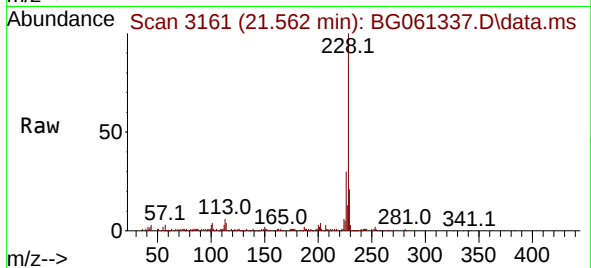
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Tgt Ion:	228	Resp:	121178
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	21.4	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 14.056 ng/ul

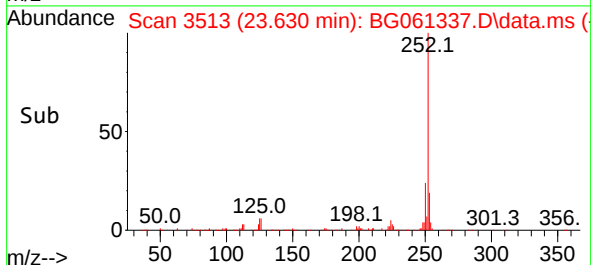
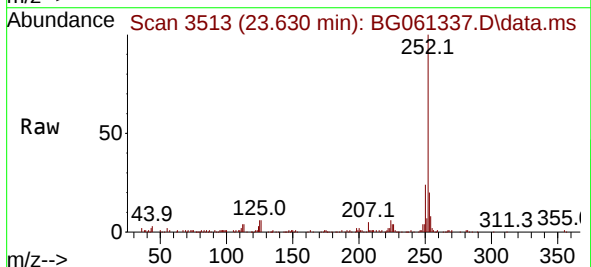
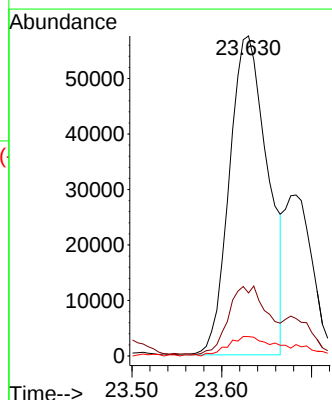
RT: 23.630 min Scan# 3513

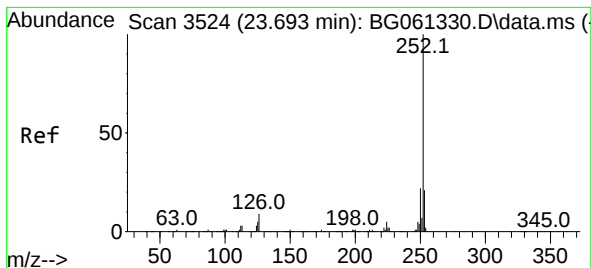
Delta R.T. 0.001 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Tgt Ion:	252	Resp:	170573
Ion Ratio	Lower	Upper	
252	100		
253	19.7	17.8	26.8
125	6.0	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 5.012 ng/ul m

RT: 23.683 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

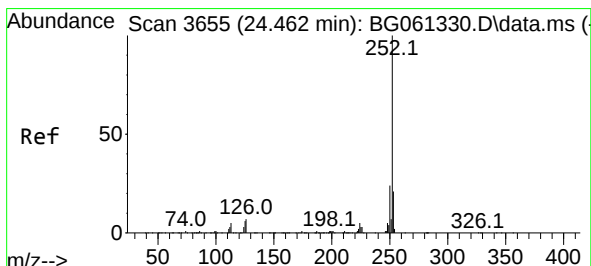
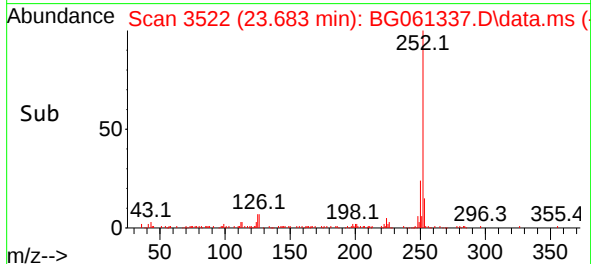
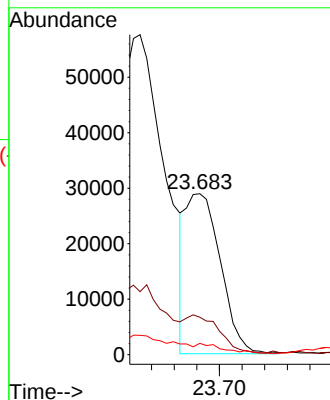
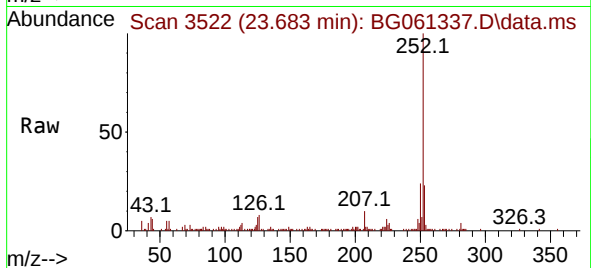
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Tgt Ion:252	Resp:	6174
Ion Ratio	Lower	Upper
252	100	
253	23.2	16.0 24.0
125	7.0	4.3 6.5

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 9.763 ng/ul

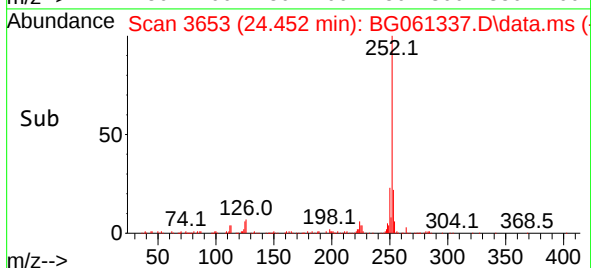
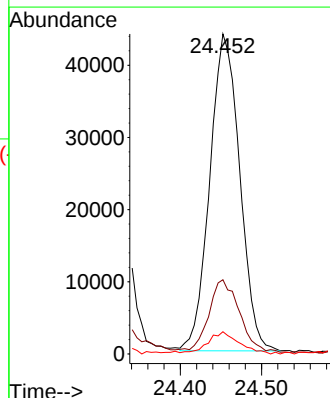
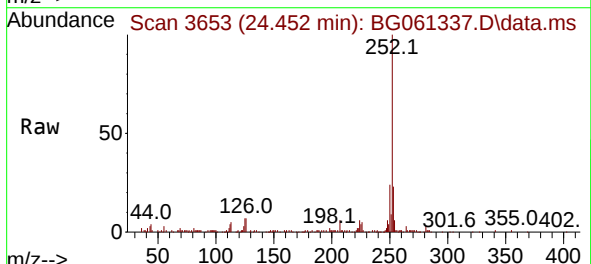
RT: 24.452 min Scan# 3653

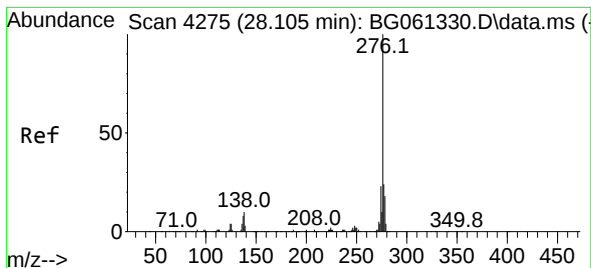
Delta R.T. -0.011 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Tgt Ion:252	Resp:	112504
Ion Ratio	Lower	Upper
252	100	
253	23.2	16.4 24.6
125	6.9	4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.696 ng/ul

RT: 28.089 min Scan# 41

Delta R.T. -0.017 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

Instrument :

BNA_G

ClientSampleId :

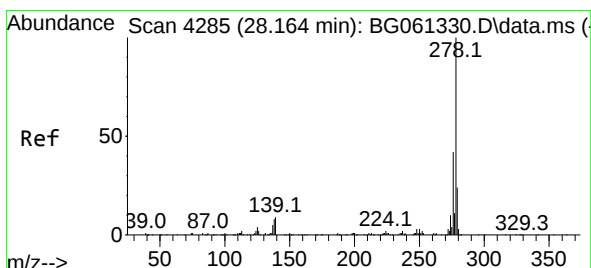
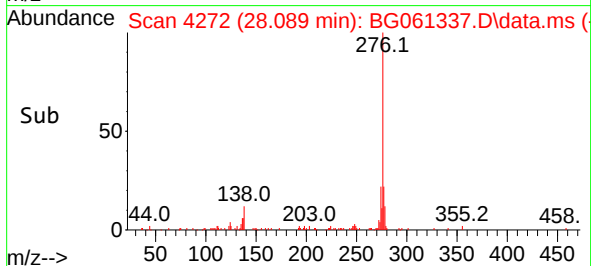
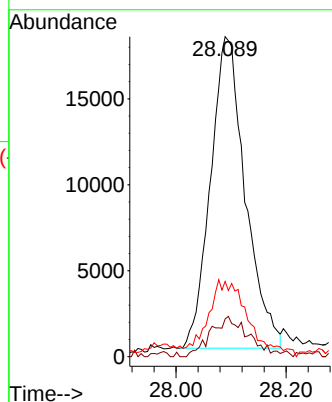
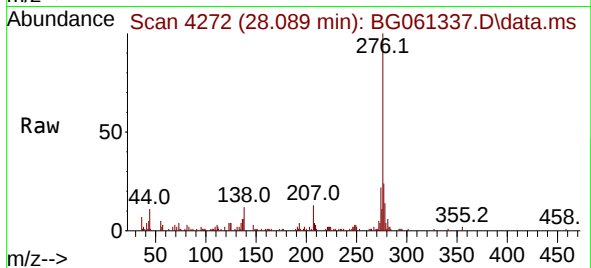
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Tgt Ion:	276	Resp:	7936
Ion Ratio	Lower	Upper	
276	100		
138	11.8	8.6	13.0
277	23.5	19.7	29.5

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.981 ng/ul m

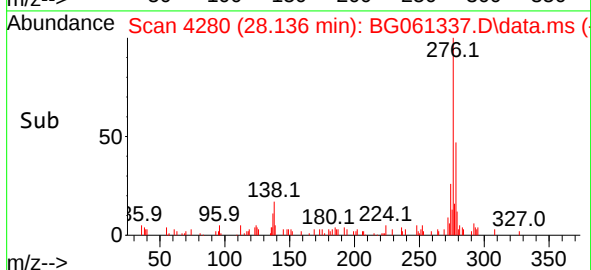
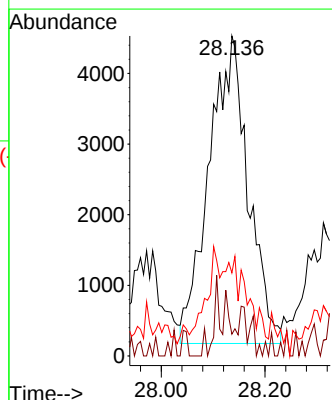
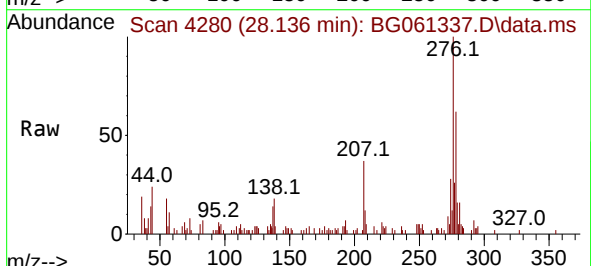
RT: 28.136 min Scan# 4280

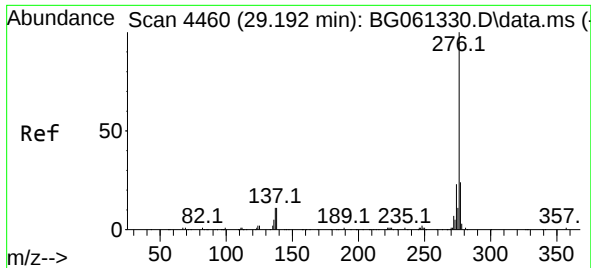
Delta R.T. -0.023 min

Lab File: BG061337.D

Acq: 29 May 2024 20:47

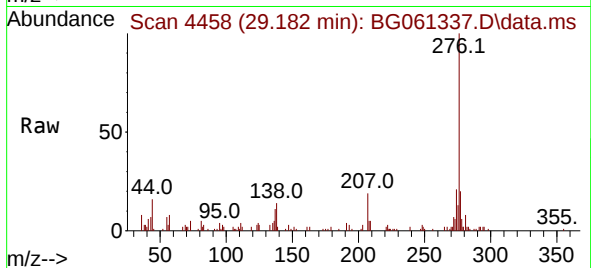
Tgt Ion:	278	Resp:	22764
Ion Ratio	Lower	Upper	
278	100		
139	6.8	6.4	9.6
279	25.9	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 6.590 ng/ul m
RT: 29.182 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG061337.D
Acq: 29 May 2024 20:47

Instrument :
BNA_G
ClientSampleId :
BH657



Tgt Ion:276 Resp: 73058
Ion Ratio Lower Upper
276 100
138 13.6 8.7 13.1
277 20.1 18.2 27.2

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