

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061311.D
 Acq On : 28 May 2024 22:47
 Operator : MA/JU
 Sample : P2568-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH634

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:22:20 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	7.883	152	23930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	105236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	82624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	183839	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.514	240	190239	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	213395	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	1996	4.668	ng/uL	0.00
4) Pyridine-d5	3.746	84	26110	17.164	ng/u1	0.00
7) Phenol-d5	7.066	99	45732	23.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	29594	23.959	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	37600	25.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	38854	23.187	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	19695	24.308	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	22031	23.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	44243	23.932	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	47874	19.794	ng/u1	0.00
46) Dimethylphthalate-d6	13.923	166	152555	23.806	ng/u1	0.00
49) Acenaphthylene-d8	14.211	160	165144	24.788	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	16531	20.866	ng/u1	0.00
60) Fluorene-d10	15.509	176	134955	24.393	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	20884	18.782	ng/u1	0.00
73) Anthracene-d10	17.360	188	205413	25.344	ng/u1	0.00
81) Pyrene-d10	19.657	212	259617	26.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	281066	27.397	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	85597	9.593	ng/u1	98
74) Anthracene	17.395	178	16118	1.747	ng/u1	98
80) Fluoranthene	19.322	202	188825	16.114	ng/u1	99
82) Pyrene	19.681	202	165459	13.603	ng/u1#	97
83) Butylbenzylphthalate	20.574	149	8581	2.054	ng/u1	93
85) Benzo(a)anthracene	21.496	228	103970	7.921	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	36334	5.875	ng/u1	98
87) Chrysene	21.561	228	103563	8.568	ng/u1	97
90) Benzo(b)fluoranthene	23.629	252	131306	10.335	ng/u1	99
91) Benzo(k)fluoranthene	23.682	252	42434	3.290	ng/u1	96
93) Benzo(a)pyrene	24.457	252	89965	7.457	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.088	276	60474	4.145	ng/u1#	95
95) Dibenzo(a,h)anthracene	28.130	278	19289m	1.603	ng/u1	
96) Benzo(g,h,i)perylene	29.181	276	60659m	5.226	ng/u1	

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

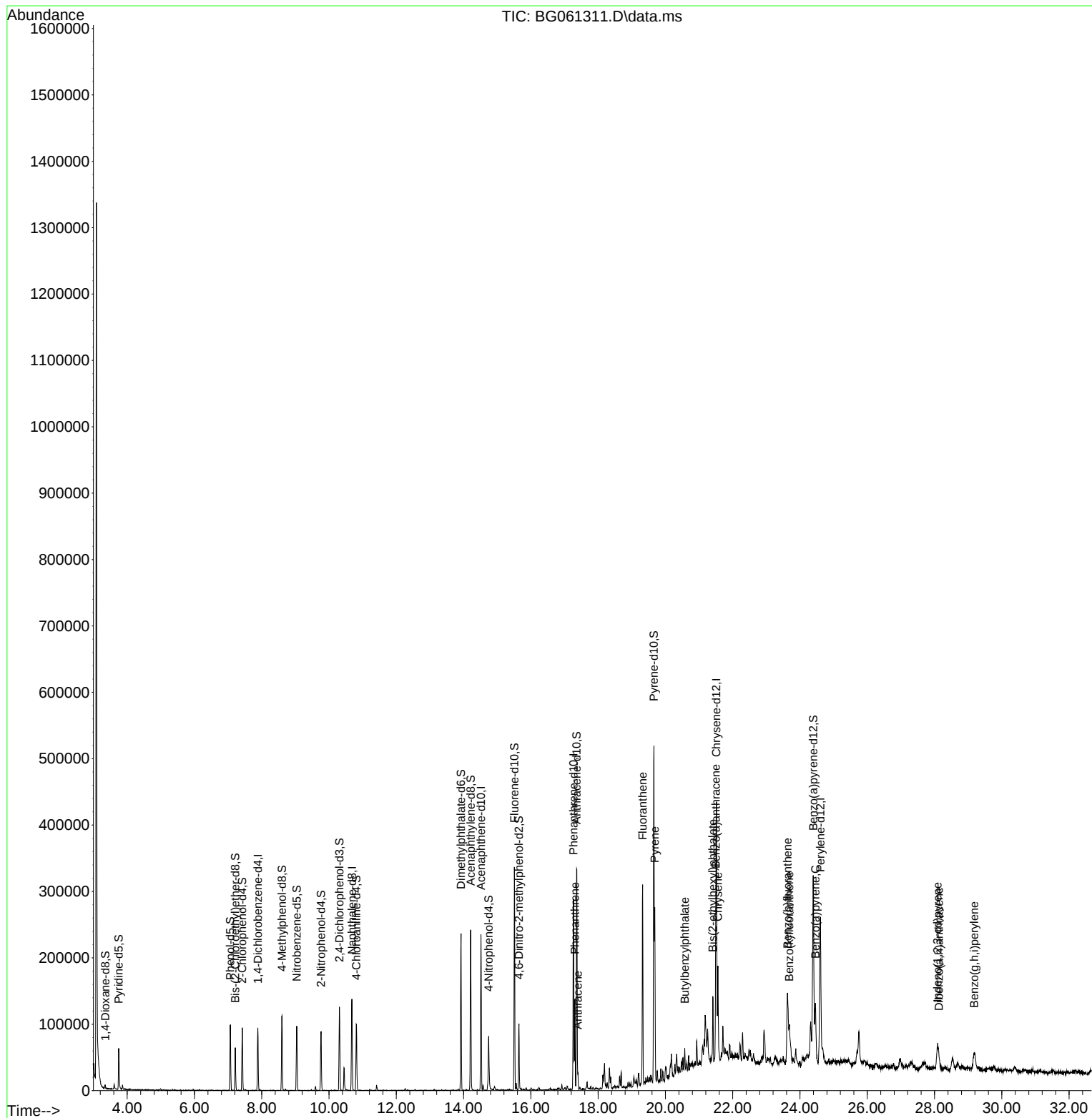
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061311.D
Acq On : 28 May 2024 22:47
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ALS Vial : 18 Sample Multiplier: 1

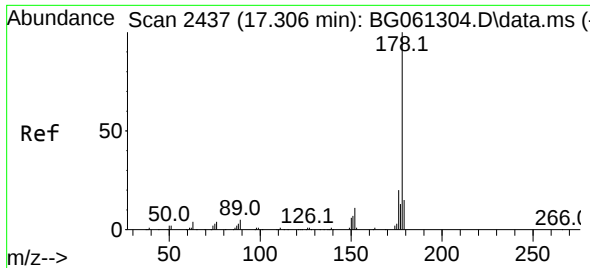
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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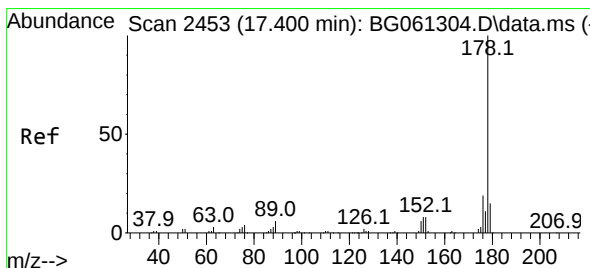
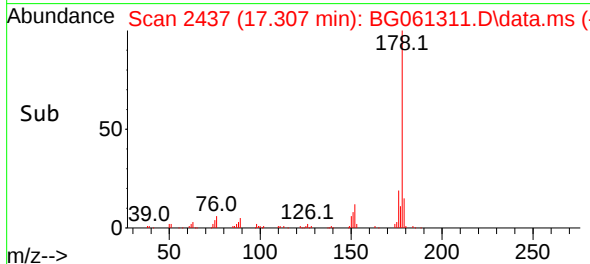
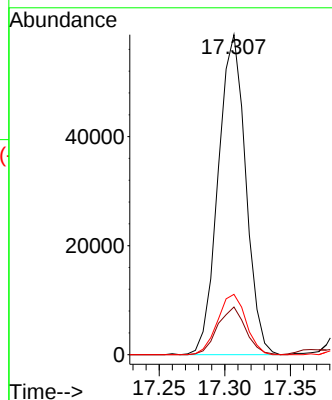
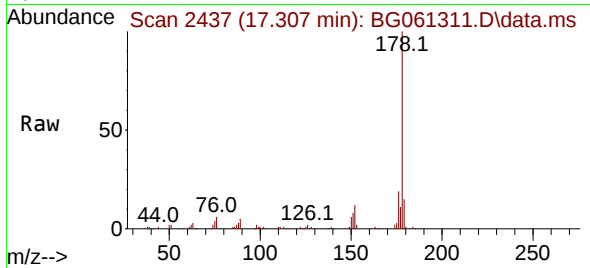
#72
Phenanthrene
Concen: 9.593 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47

Instrument :
BNA_G
ClientSampleId :
BH634

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.7	19.1
176	18.8	15.5	23.3

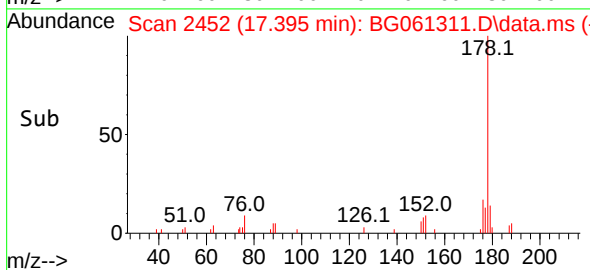
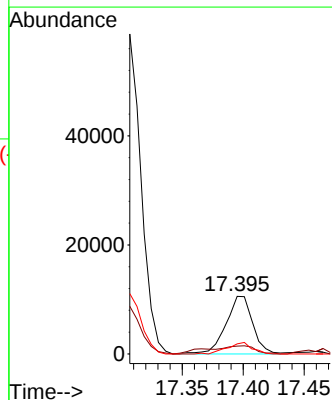
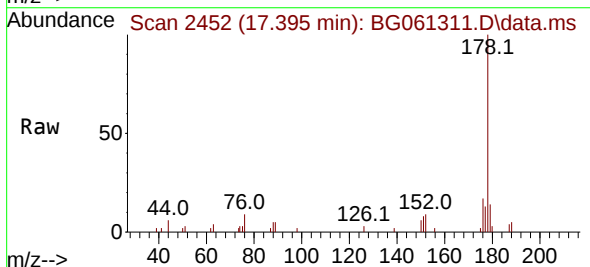
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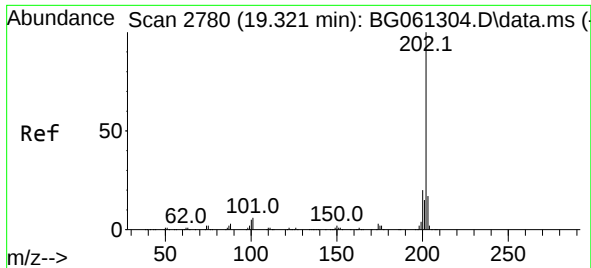
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#74
Anthracene
Concen: 1.747 ng/ul
RT: 17.395 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47

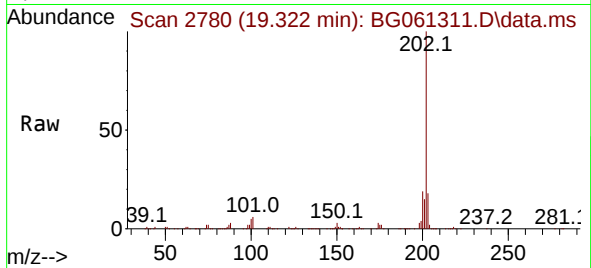
Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.7	11.8	17.6
176	17.4	14.9	22.3





#80
Fluoranthene
Concen: 16.114 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47

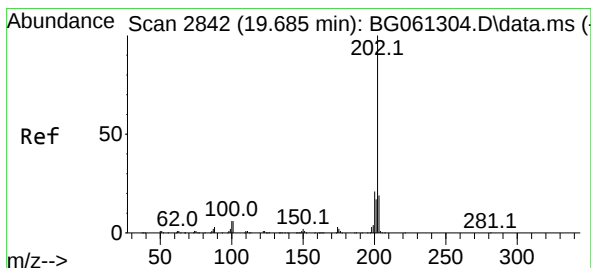
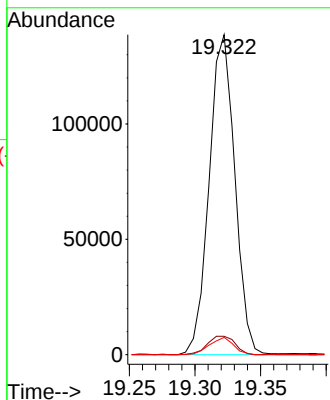
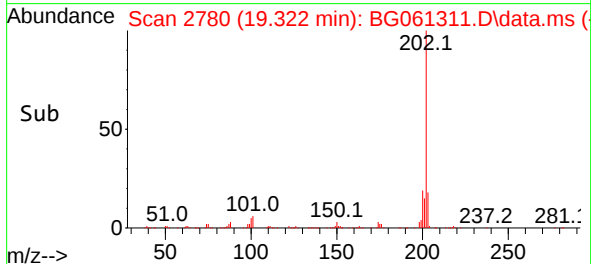
Instrument :
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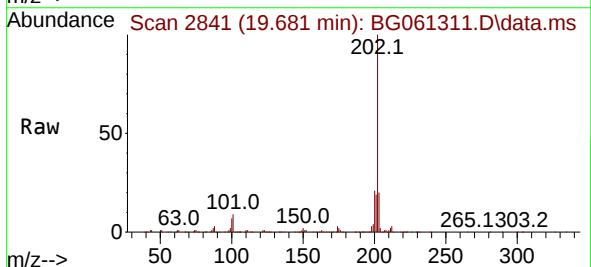
Tgt Ion:202 Resp: 188825
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 5.4 4.1 6.1

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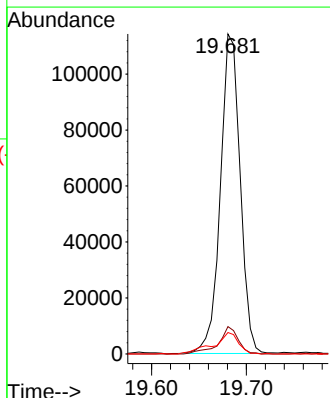
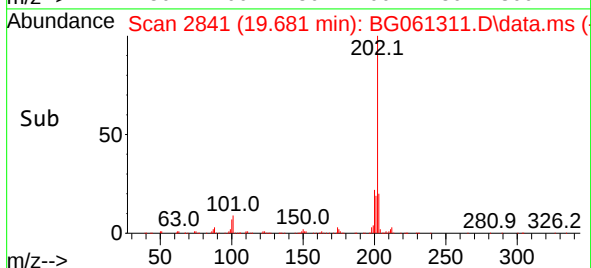
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

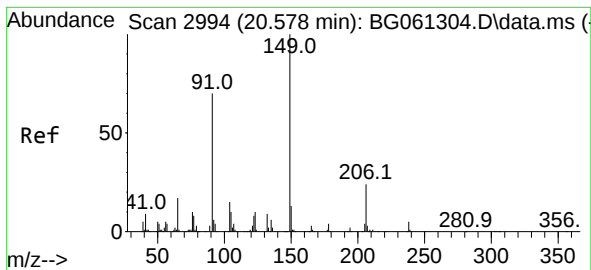


#82
Pyrene
Concen: 13.603 ng/u1
RT: 19.681 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47



Tgt Ion:202 Resp: 165459
Ion Ratio Lower Upper
202 100
101 8.6 5.7 8.5#
100 6.7 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.054 ng/ul

RT: 20.574 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

Instrument :

BNA_G

ClientSampleId :

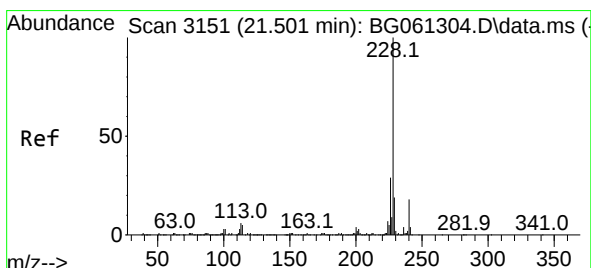
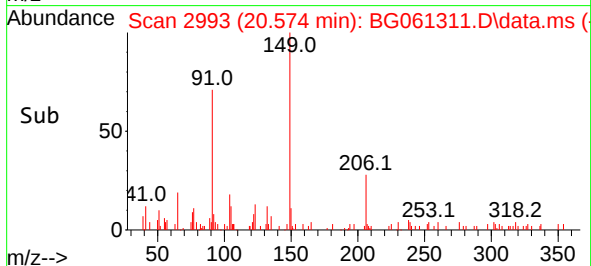
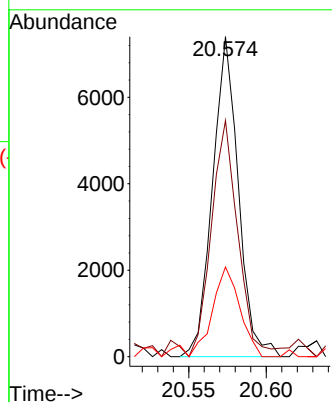
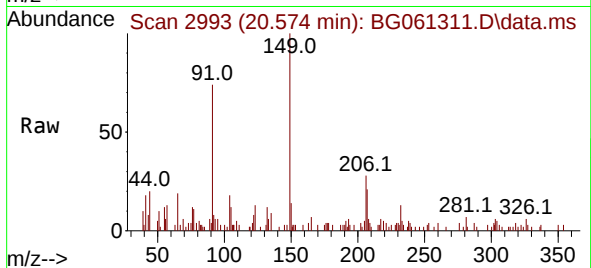
BH634

Tgt Ion:	149	Resp:	858
Ion Ratio	Lower	Upper	
149	100		
91	73.8	54.8	82.2
206	28.0	19.4	29.0

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 7.921 ng/ul

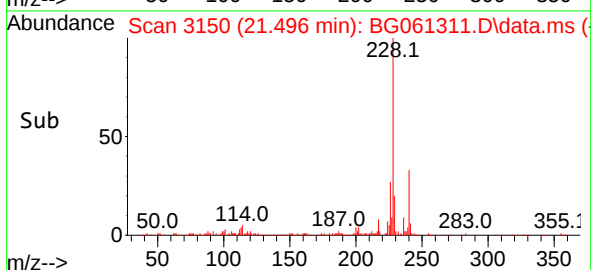
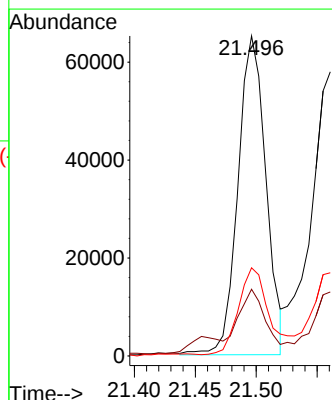
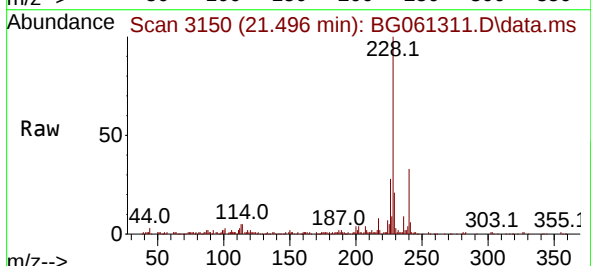
RT: 21.496 min Scan# 3150

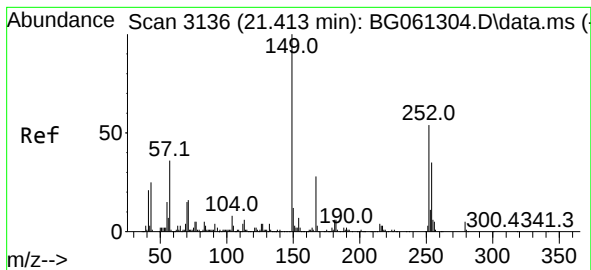
Delta R.T. -0.006 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

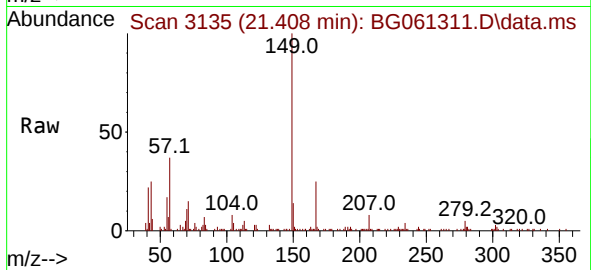
Tgt Ion:	228	Resp:	103970
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.2	22.8
226	27.6	21.4	32.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.875 ng/ul
 RT: 21.408 min Scan# 3135
 Delta R.T. -0.006 min
 Lab File: BG061311.D
 Acq: 28 May 2024 22:47

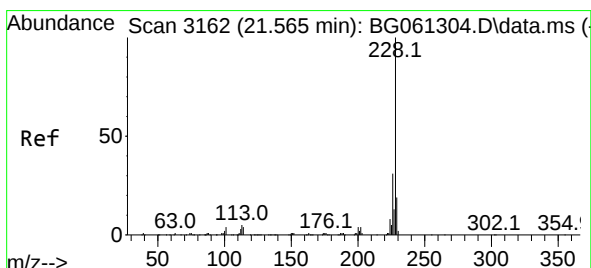
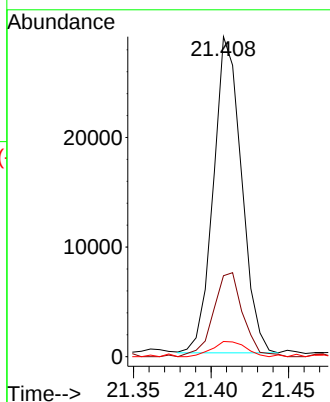
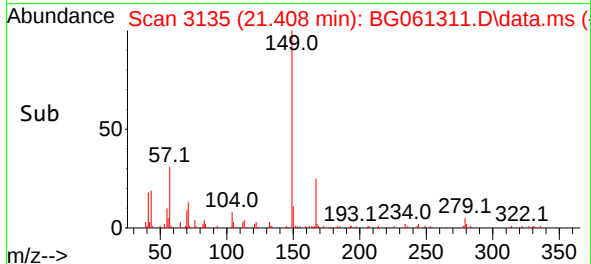
Instrument :
 BNA_G
 ClientSampleId :
 BH634



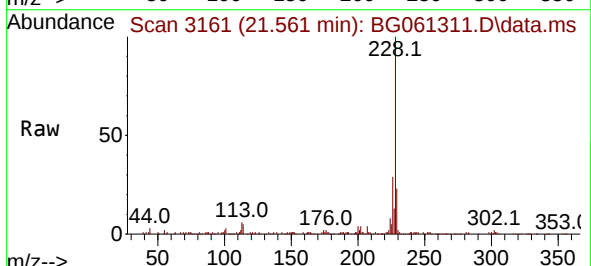
Tgt Ion:149 Resp: 36334
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.1 31.7
 279 4.8 3.3 4.9

Manual Integrations
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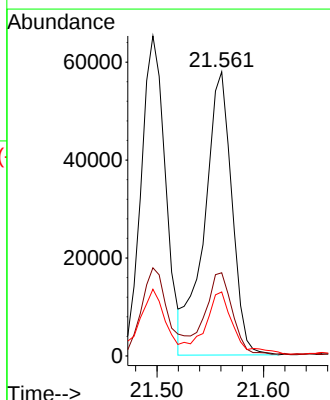
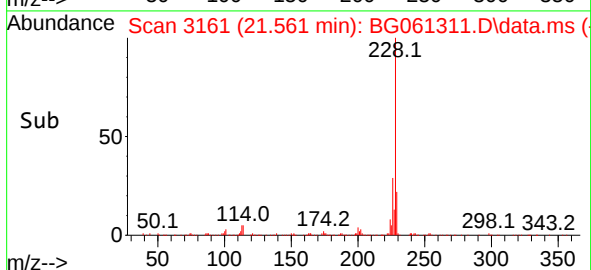
Reviewed By :Jagrut Upadhyay 05/29/2024
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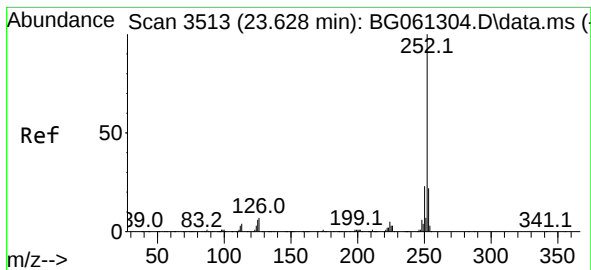


#87
 Chrysene
 Concen: 8.568 ng/ul
 RT: 21.561 min Scan# 3161
 Delta R.T. -0.006 min
 Lab File: BG061311.D
 Acq: 28 May 2024 22:47



Tgt Ion:228 Resp: 103563
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.0
 229 22.5 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 10.335 ng/ul

RT: 23.629 min Scan# 3513

Delta R.T. -0.000 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

Instrument :

BNA_G

ClientSampleId :

BH634

Tgt Ion:252 Resp: 131300

Ion Ratio Lower Upper

252 100

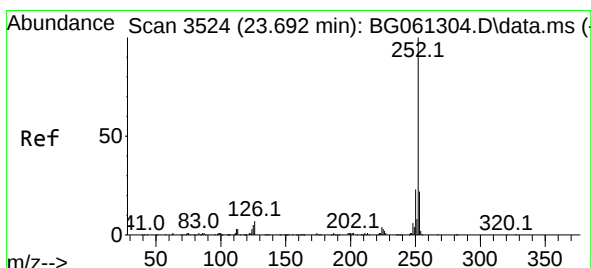
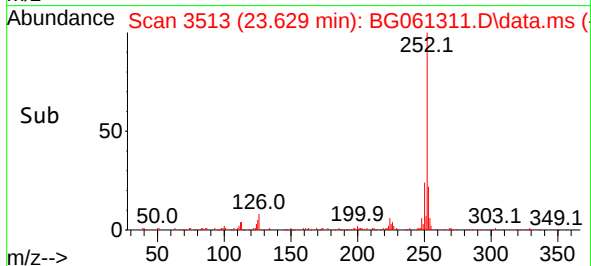
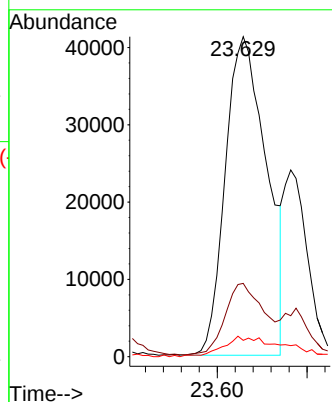
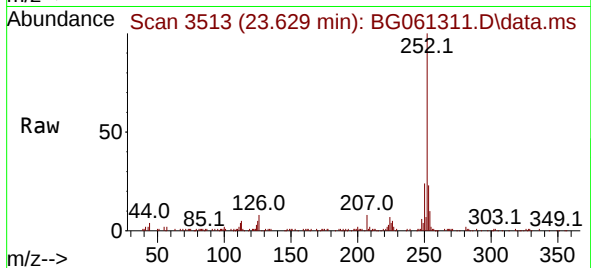
253 22.9 17.8 26.8

125 5.1 4.6 6.8

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#91

Benzo(k)fluoranthene

Concen: 3.290 ng/ul

RT: 23.682 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

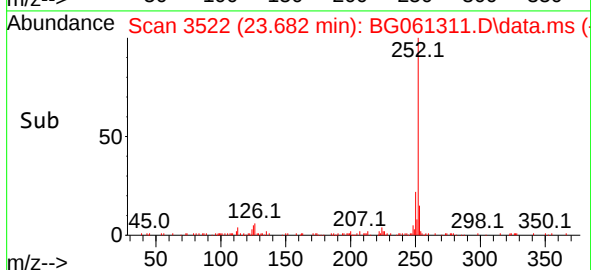
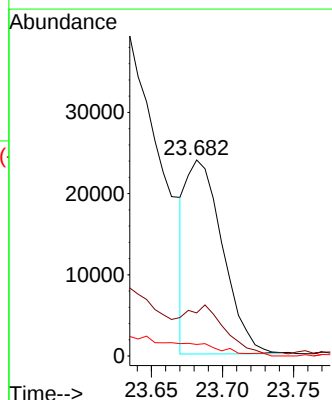
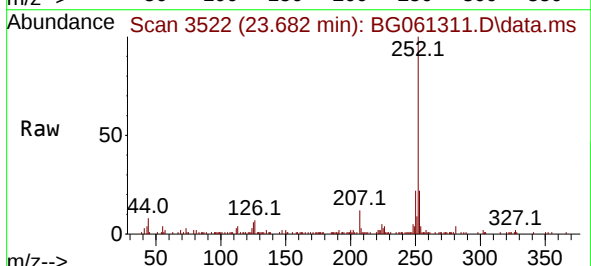
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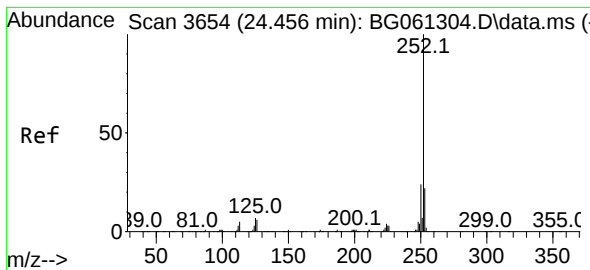
Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

125 5.9 4.3 6.5





#93

Benzo(a)pyrene

Concen: 7.457 ng/ul

RT: 24.457 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

Instrument :

BNA_G

ClientSampleId :

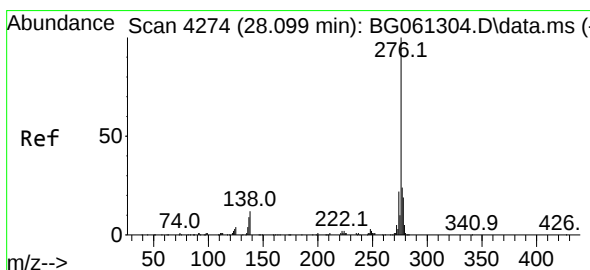
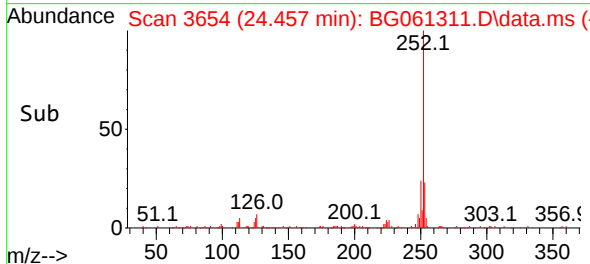
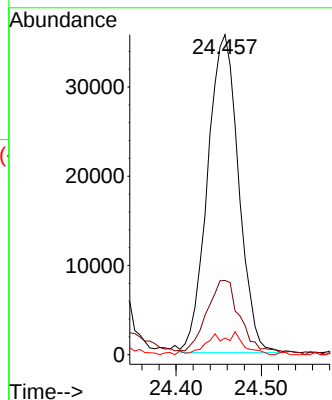
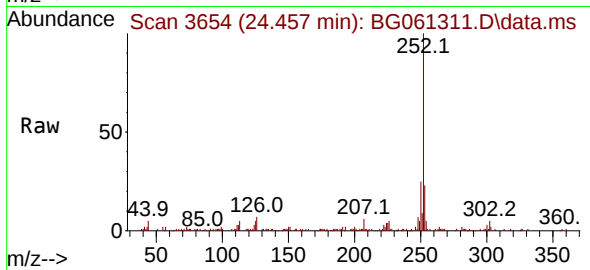
BH634

Tgt Ion:	252	Resp:	8996
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.4	24.6
125	5.2	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.145 ng/ul

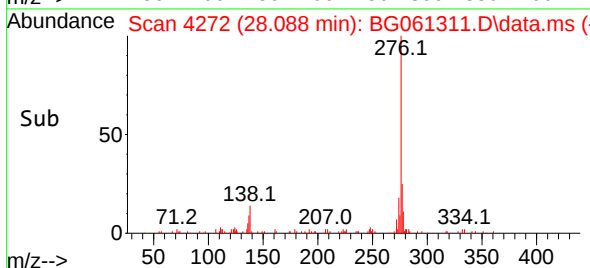
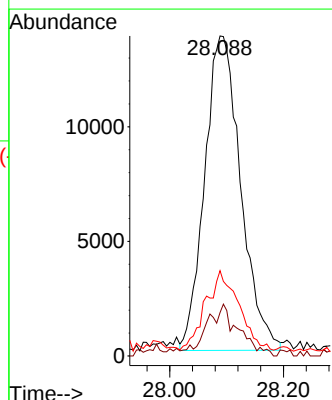
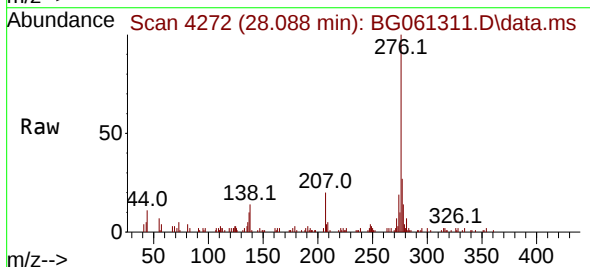
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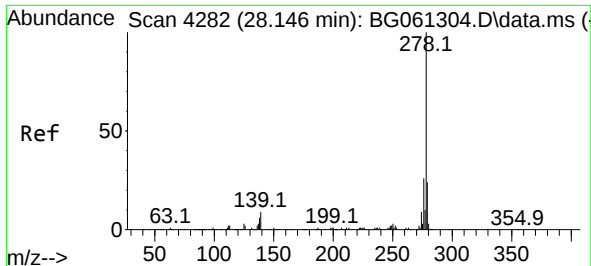
Delta R.T. -0.018 min

Lab File: BG061311.D

Acq: 28 May 2024 22:47

Tgt Ion:	276	Resp:	60474
Ion Ratio	Lower	Upper	
276	100		
138	13.5	8.6	13.0#
277	26.7	19.7	29.5





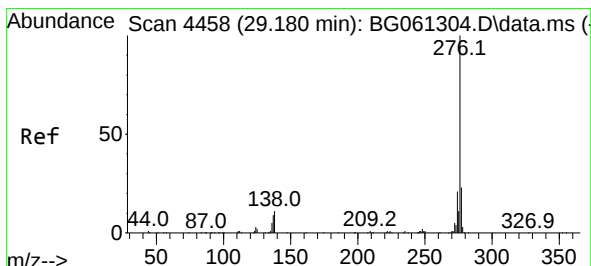
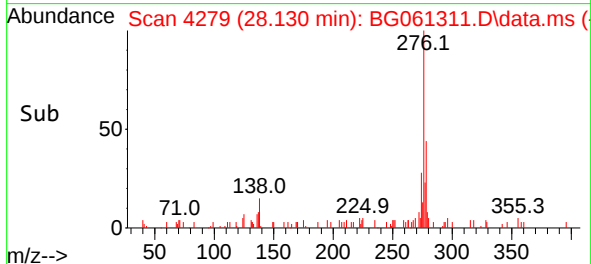
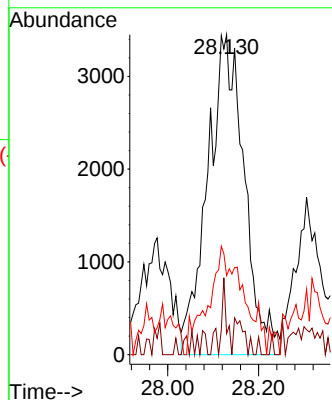
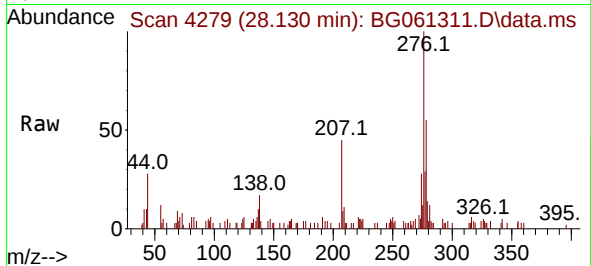
#95
Dibenzo(a,h)anthracene
Concen: 1.603 ng/ul m
RT: 28.130 min Scan# 4282
Delta R.T. -0.029 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47

Instrument :
BNA_G
ClientSampleId :
BH634

Tgt Ion:278 Resp: 19289
Ion Ratio Lower Upper
278 100
139 6.6 6.4 9.6
279 24.7 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#96
Benzo(g,h,i)perylene
Concen: 5.226 ng/ul m
RT: 29.181 min Scan# 4458
Delta R.T. -0.012 min
Lab File: BG061311.D
Acq: 28 May 2024 22:47

Tgt Ion:276 Resp: 60659
Ion Ratio Lower Upper
276 100
138 10.3 8.7 13.1
277 23.9 18.2 27.2

