

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061312.D
 Acq On : 28 May 2024 23:28
 Operator : MA/JU
 Sample : P2568-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH635

Manual Integrations
 APPROVED

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

Quant Time: May 29 00:21:54 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	7.882	152	25039	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	106830	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	83291	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	187524	20.000	ng/u1	0.00
79) Chrysene-d12	21.513	240	196236	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	219998	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3407	7.615	ng/uL	0.00
4) Pyridine-d5	3.746	84	49927	31.366	ng/u1	0.00
7) Phenol-d5	7.065	99	72827	35.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	44355	34.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	57308	37.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	65137	37.151	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	31373	38.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	36650	38.073	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	73705	39.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	90115	36.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	261074	40.415	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	284570	42.372	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	32241	40.369	ng/u1	0.00
60) Fluorene-d10	15.514	176	231385	41.488	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	39684	34.989	ng/u1	0.00
73) Anthracene-d10	17.365	188	359013	43.425	ng/u1	0.00
81) Pyrene-d10	19.656	212	437086	43.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	474220	44.837	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	19766	2.172	ng/u1	98
80) Fluoranthene	19.321	202	63053	5.216	ng/u1#	96
82) Pyrene	19.680	202	59011	4.703	ng/u1	96
85) Benzo(a)anthracene	21.495	228	38728	2.860	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.413	149	16675	2.614	ng/u1	97
87) Chrysene	21.560	228	36753	2.948	ng/u1	97
90) Benzo(b)fluoranthene	23.622	252	47949	3.661	ng/u1	97
91) Benzo(k)fluoranthene	23.687	252	18978m	1.427	ng/u1	
93) Benzo(a)pyrene	24.457	252	35043	2.817	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.088	276	25520	1.697	ng/u1	99
96) Benzo(g,h,i)perylene	29.181	276	25059m	2.094	ng/u1	

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

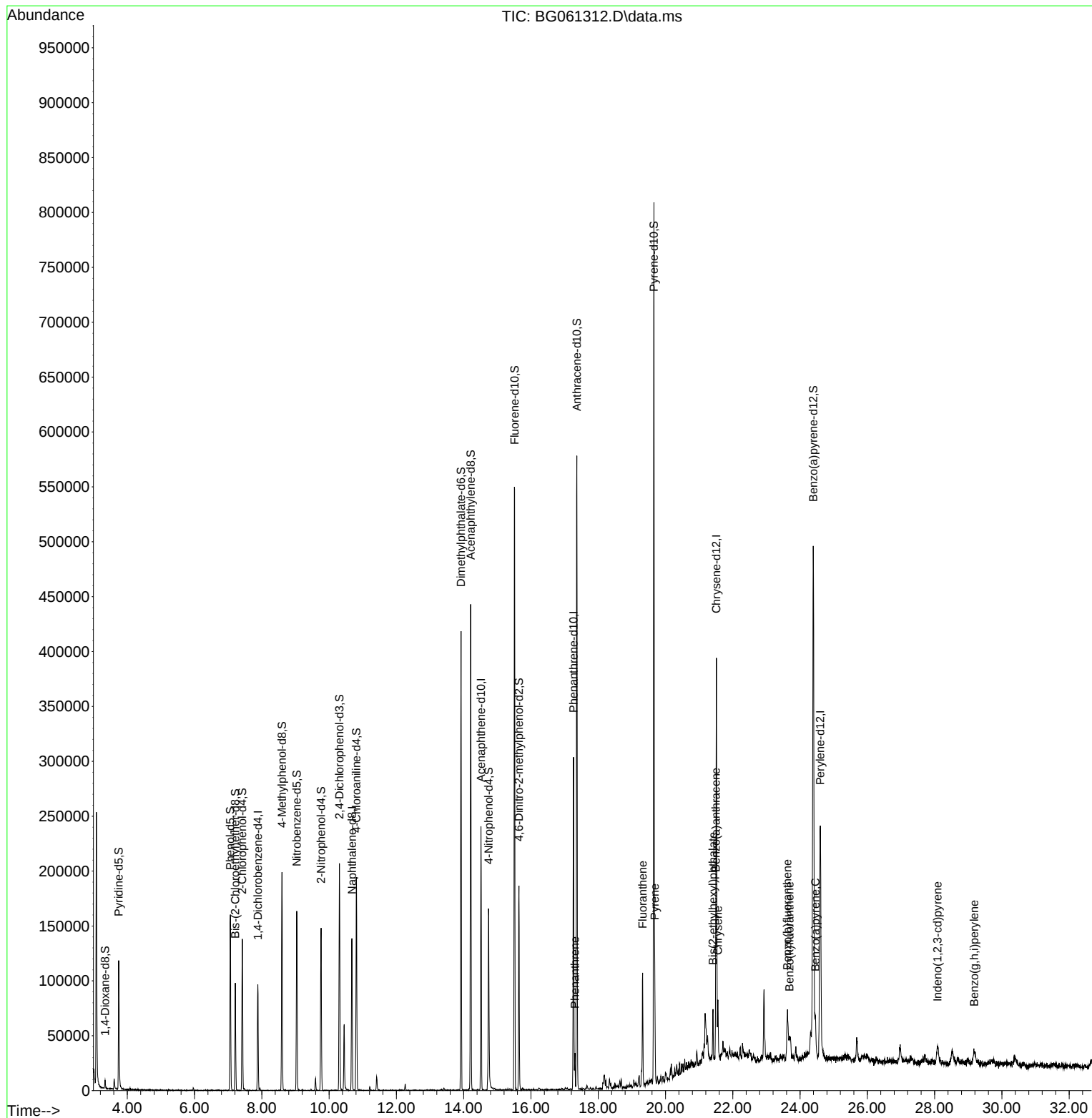
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061312.D
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 Operator : MA/JU
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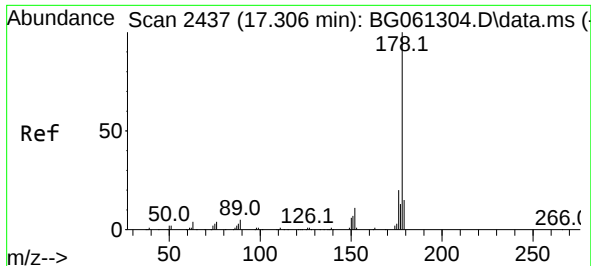
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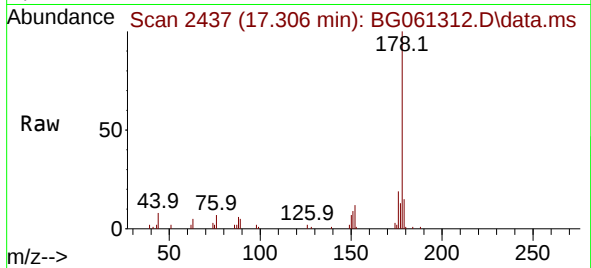
Quant Time: May 29 00:21:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 2.172 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061312.D
Acq: 28 May 2024 23:28

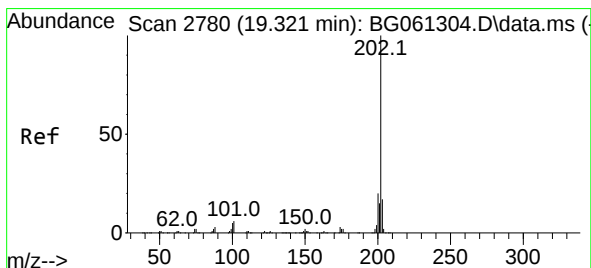
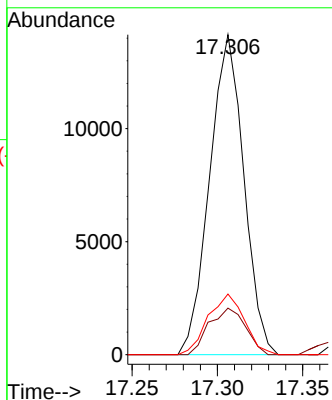
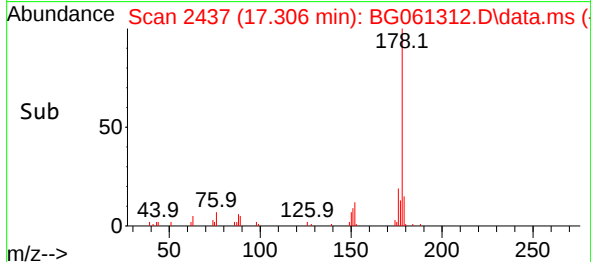
Instrument :
BNA_G
ClientSampleId :
BH635



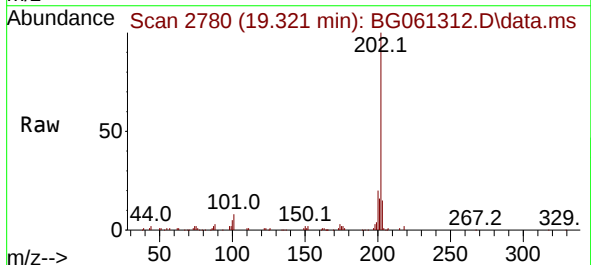
Tgt Ion:178 Resp: 19760
Ion Ratio Lower Upper
178 100
179 14.6 12.7 19.1
176 19.0 15.5 23.3

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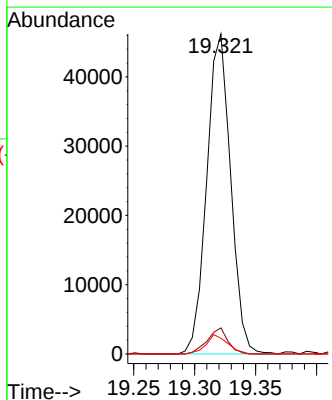
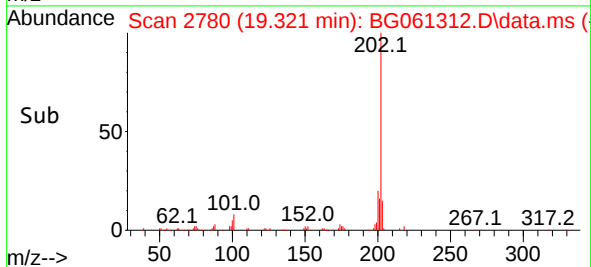
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

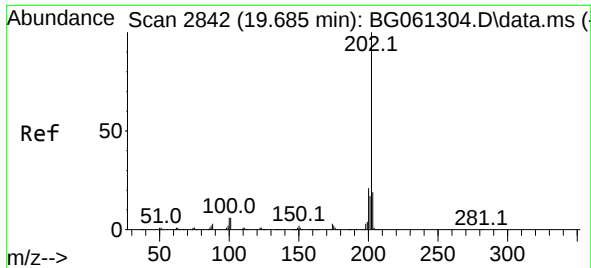


#80
Fluoranthene
Concen: 5.216 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.007 min
Lab File: BG061312.D
Acq: 28 May 2024 23:28



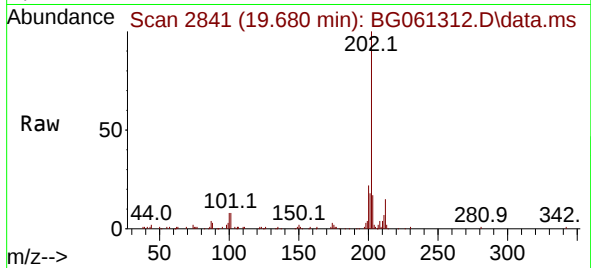
Tgt Ion:202 Resp: 63053
Ion Ratio Lower Upper
202 100
101 8.2 4.8 7.2#
100 4.9 4.1 6.1





#82
 Pyrene
 Concen: 4.703 ng/ul
 RT: 19.680 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG061312.D
 Acq: 28 May 2024 23:28

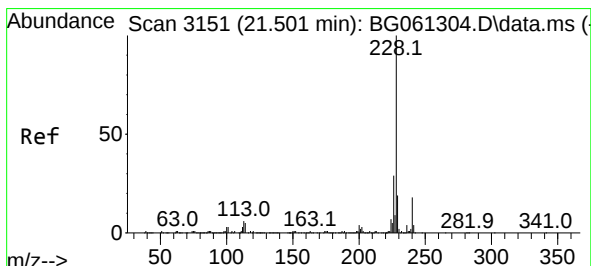
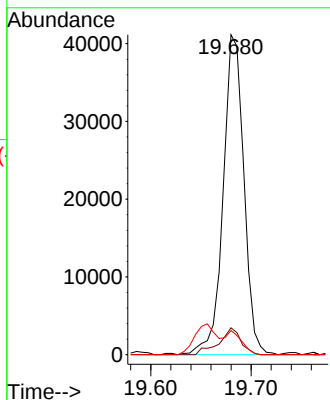
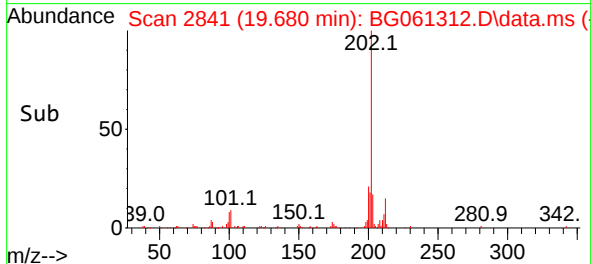
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Tgt Ion:202 Resp: 5901
 Ion Ratio Lower Upper
 202 100
 101 8.4 5.7 8.5
 100 7.5 5.1 7.7

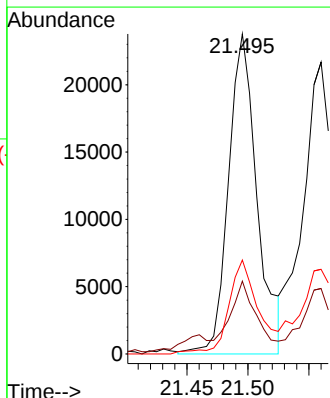
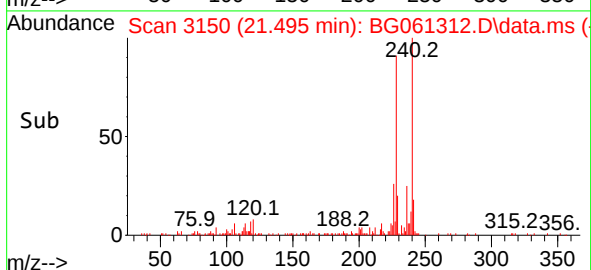
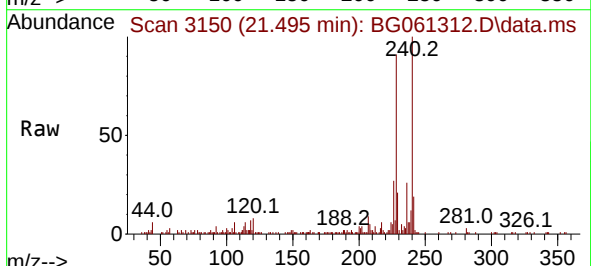
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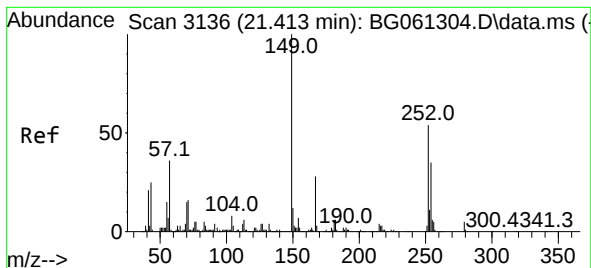
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024



#85
 Benzo(a)anthracene
 Concen: 2.860 ng/ul
 RT: 21.495 min Scan# 3150
 Delta R.T. -0.007 min
 Lab File: BG061312.D
 Acq: 28 May 2024 23:28

Tgt Ion:228 Resp: 38728
 Ion Ratio Lower Upper
 228 100
 229 22.8 15.2 22.8
 226 29.4 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.614 ng/ul

RT: 21.413 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG061312.D

Acq: 28 May 2024 23:28

Instrument :

BNA_G

ClientSampleId :

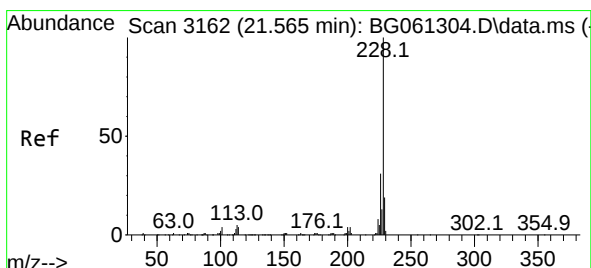
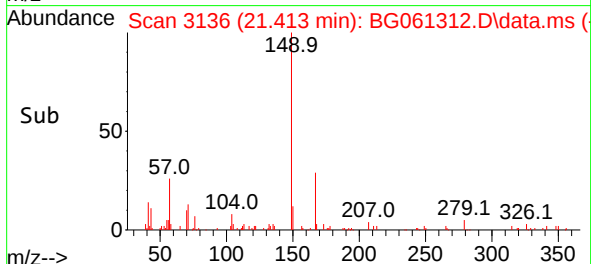
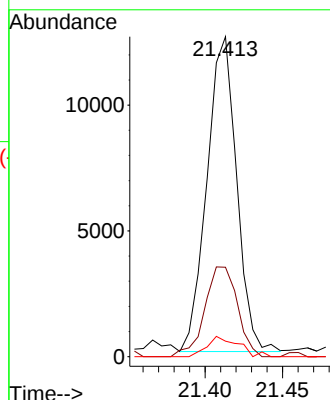
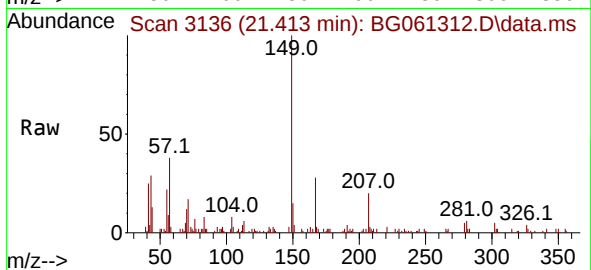
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Tgt Ion:	149	Resp:	1667
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.1	31.7
279	4.8	3.3	4.9

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#87

Chrysene

Concen: 2.948 ng/ul

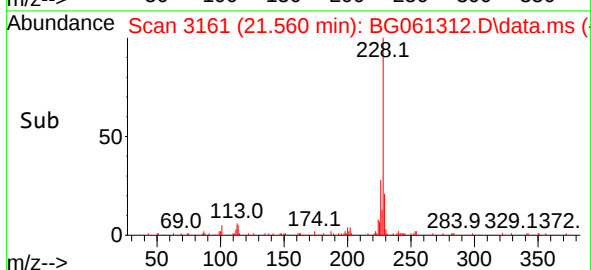
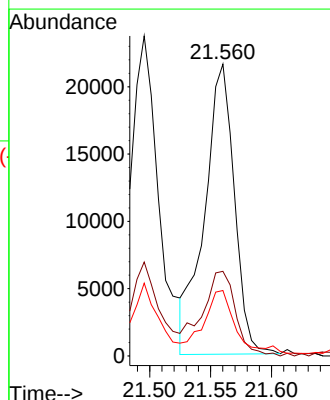
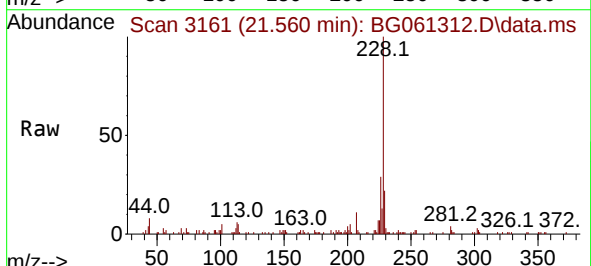
RT: 21.560 min Scan# 3161

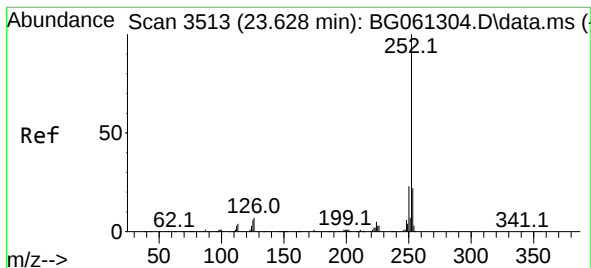
Delta R.T. -0.007 min

Lab File: BG061312.D

Acq: 28 May 2024 23:28

Tgt Ion:	228	Resp:	36753
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.0
229	22.4	15.4	23.2





#90

Benzo(b)fluoranthene

Concen: 3.661 ng/ul

RT: 23.622 min Scan# 3512

Delta R.T. -0.007 min

Lab File: BG061312.D

Acq: 28 May 2024 23:28

Instrument :

BNA_G

ClientSampleId :

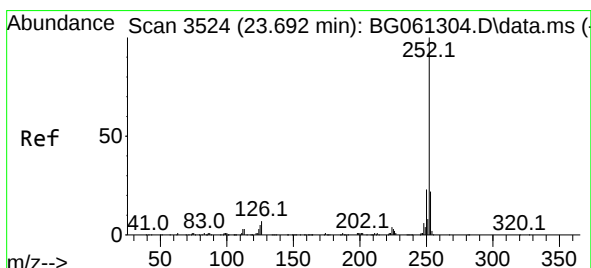
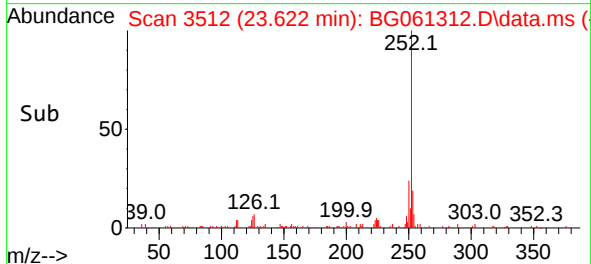
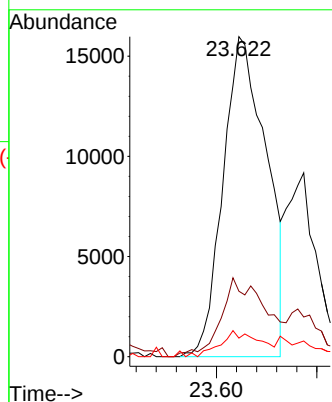
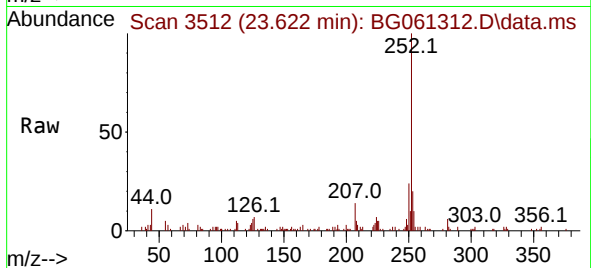
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Tgt Ion:	252	Resp:	47949
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.8	26.8
125	5.8	4.6	6.8

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#91

Benzo(k)fluoranthene

Concen: 1.427 ng/ul m

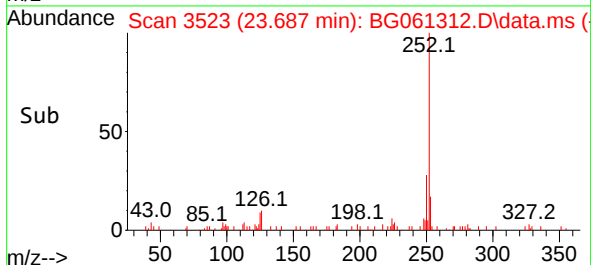
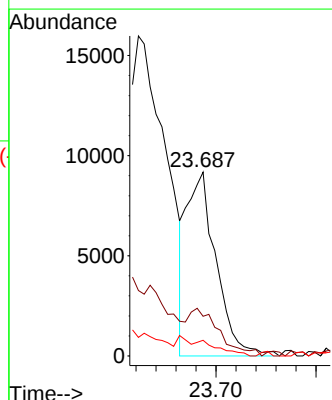
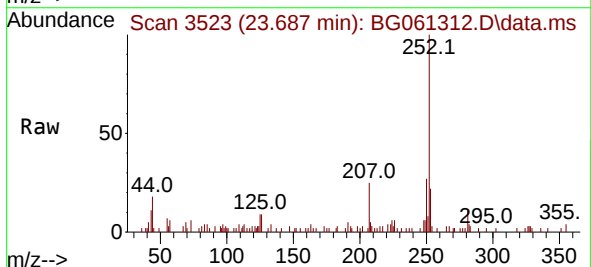
RT: 23.687 min Scan# 3523

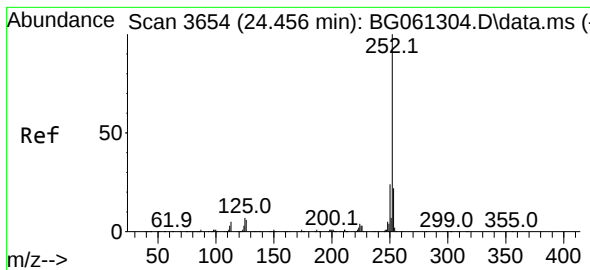
Delta R.T. -0.007 min

Lab File: BG061312.D

Acq: 28 May 2024 23:28

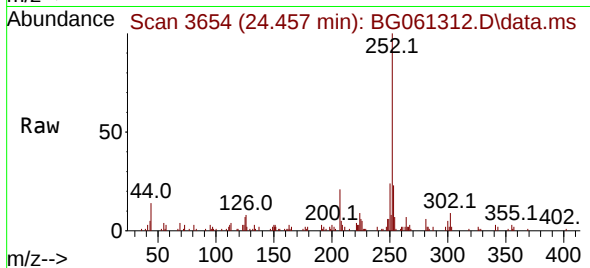
Tgt Ion:	252	Resp:	18978
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.0	24.0
125	8.5	4.3	6.5





#93
Benzo(a)pyrene
Concen: 2.817 ng/ul
RT: 24.457 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG061312.D
Acq: 28 May 2024 23:28

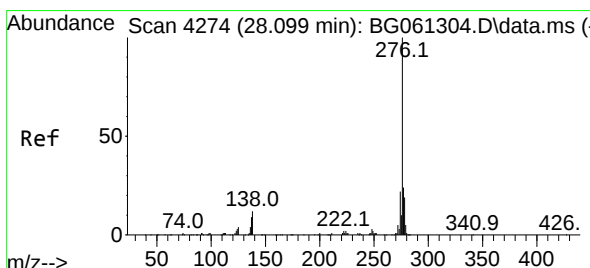
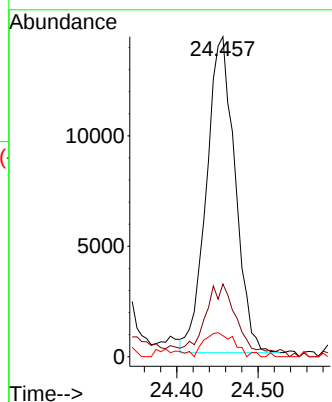
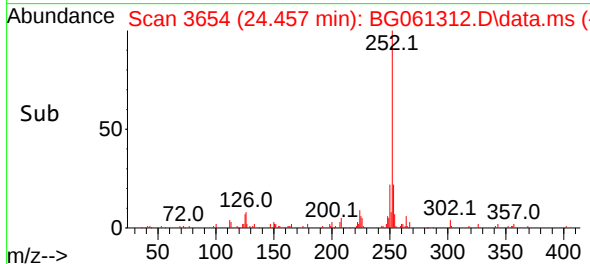
Instrument :
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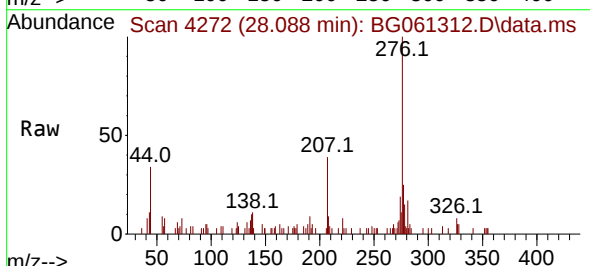
Tgt Ion:252 Resp: 3504
Ion Ratio Lower Upper
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253 22.7 16.4 24.6
125 6.5 4.3 6.5

Manual Integrations
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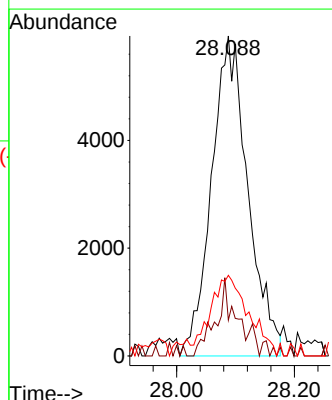
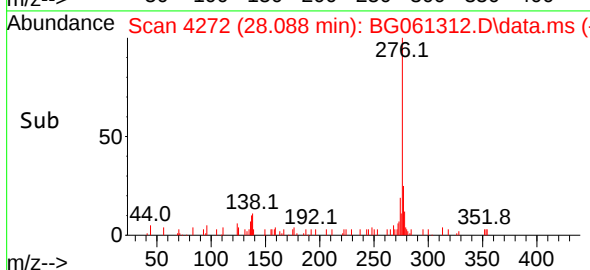
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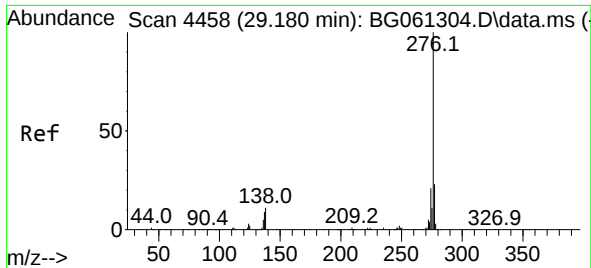


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.697 ng/ul
RT: 28.088 min Scan# 4272
Delta R.T. -0.018 min
Lab File: BG061312.D
Acq: 28 May 2024 23:28



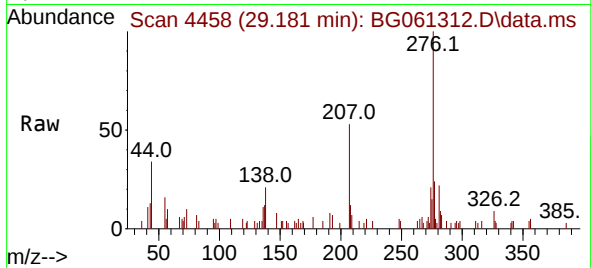
Tgt Ion:276 Resp: 25520
Ion Ratio Lower Upper
276 100
138 11.2 8.6 13.0
277 25.2 19.7 29.5





#96
Benzo(g,h,i)perylene
Concen: 2.094 ng/ul m
RT: 29.181 min Scan# 44
Delta R.T. -0.012 min
Lab File: BG061312.D
Acq: 28 May 2024 23:28

Instrument :
BNA_G
ClientSampleId :
BH635



Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	8.7	13.1
277	23.7	18.2	27.2

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