

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061779.D
 Acq On : 28 Jun 2024 19:43
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

06/29/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jun 29 04:21:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	82572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	375819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	238754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	505837	20.000	ng/u1	0.00
79) Chrysene-d12	21.689	240	380665	20.000	ng/u1	0.00
88) Perylene-d12	24.909	264	442391	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	8260	3.614	ng/uL	0.01
4) Pyridine-d5	3.881	84	90024	13.026	ng/u1	0.01
7) Phenol-d5	7.206	99	182315	20.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	113478	20.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.582	132	127711	20.762	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	136396	19.683	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	65900	25.825	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	72012	27.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	133029	21.738	ng/u1	0.00
31) 4-Chloroaniline-d4	10.996	131	60474	6.527	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	391306	21.298	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	452518	22.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.862	143	56266	17.831	ng/u1	0.00
60) Fluorene-d10	15.673	176	340018	21.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	30520	14.110	ng/u1	0.00
73) Anthracene-d10	17.524	188	494086	21.399	ng/u1	0.00
81) Pyrene-d10	19.809	212	517237	24.325	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	474716	22.467	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	47384	1.781	ng/u1	95
80) Fluoranthene	19.474	202	80695	3.271	ng/u1#	94
82) Pyrene	19.839	202	78420	2.989	ng/u1	99
85) Benzo(a)anthracene	21.672	228	42751m	1.600	ng/u1	
87) Chrysene	21.736	228	46201	1.827	ng/u1	95
90) Benzo(b)fluoranthene	23.893	252	67706	2.546	ng/u1#	95
93) Benzo(a)pyrene	24.756	252	45054	1.760	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.576	276	39941m	1.252	ng/u1	
96) Benzo(g,h,i)perylene	29.727	276	39112m	1.521	ng/u1	

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

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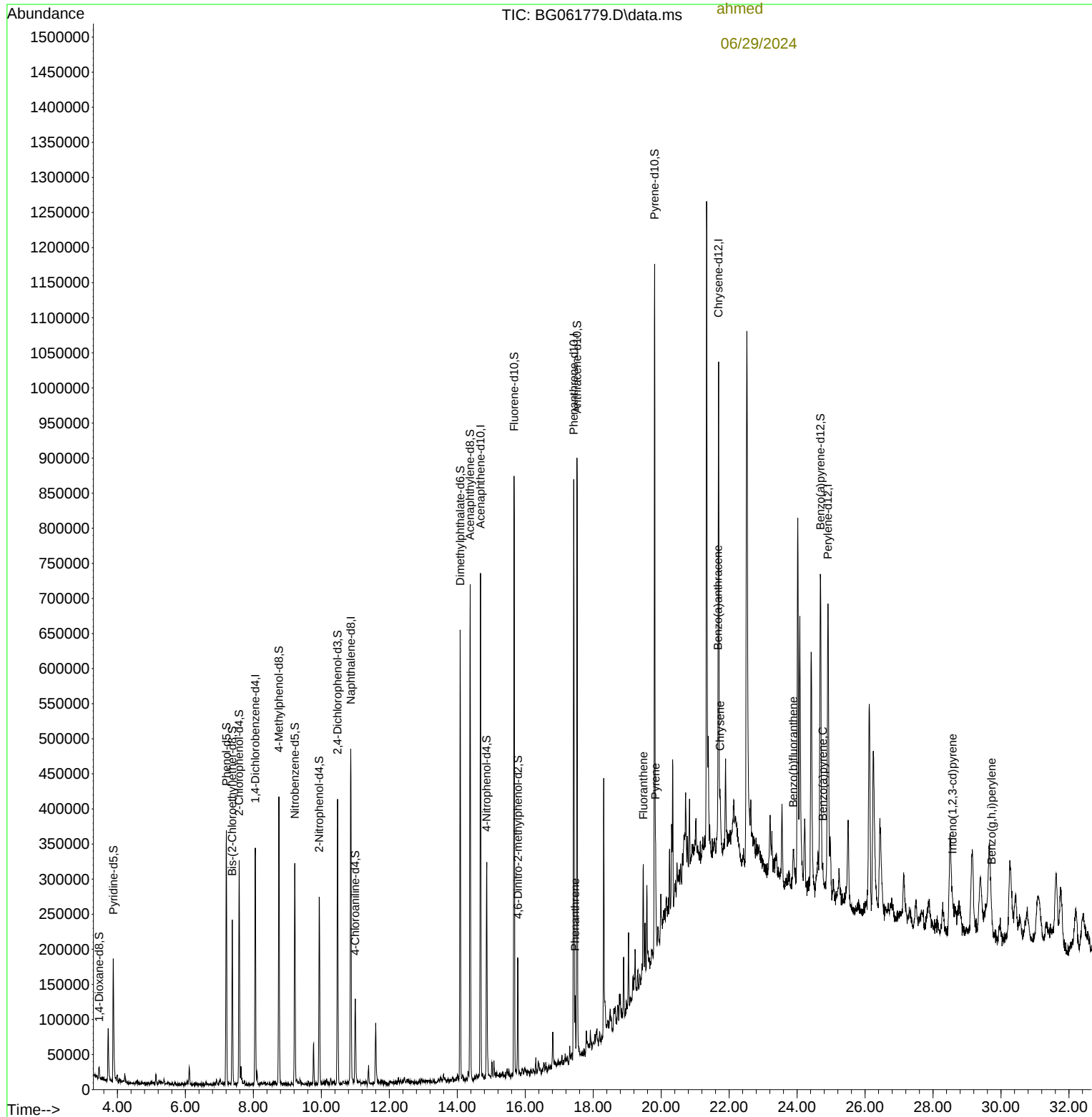
Instrument :
BNA_G
ClientSampleId :
A4CQ2

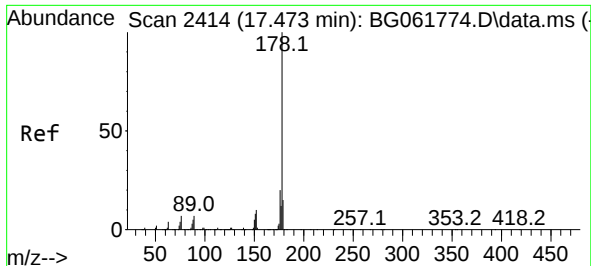
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ahmed

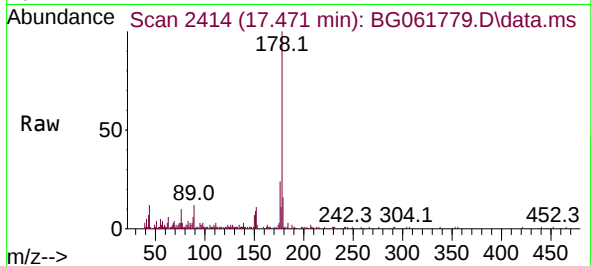
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#72
Phenanthrene
Concen: 1.781 ng/ul
RT: 17.471 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

Instrument :
BNA_G
ClientSampleId :
A4CQ2



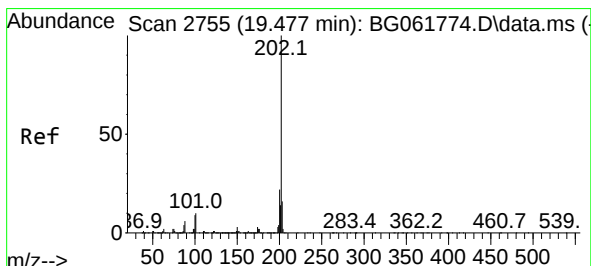
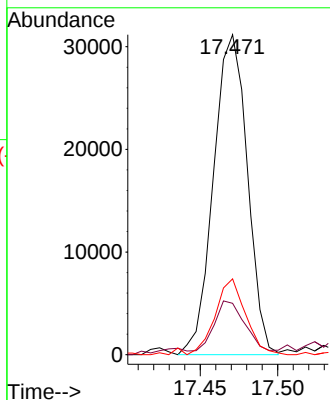
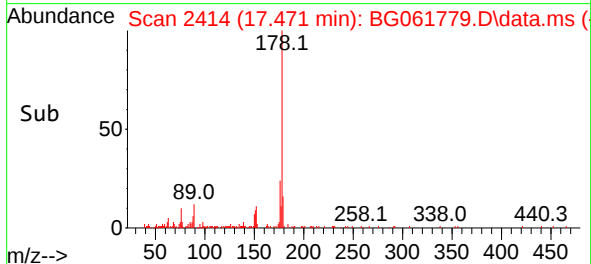
Tgt Ion:178 Resp: 47384
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 23.7 16.2 24.2

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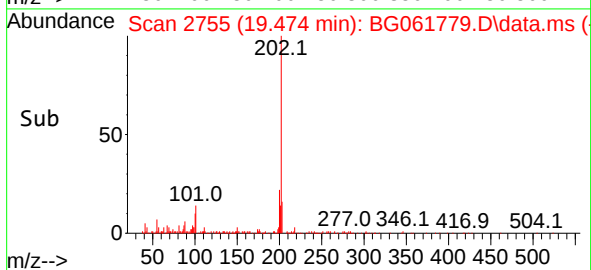
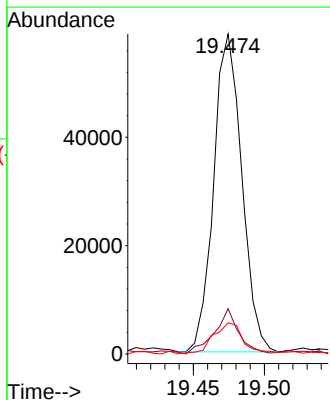
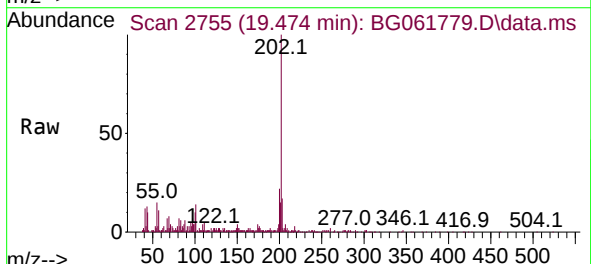
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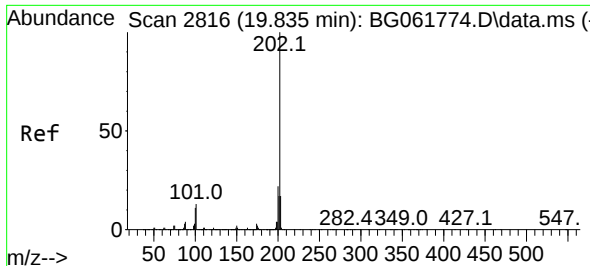
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#80
Fluoranthene
Concen: 3.271 ng/ul
RT: 19.474 min Scan# 2755
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

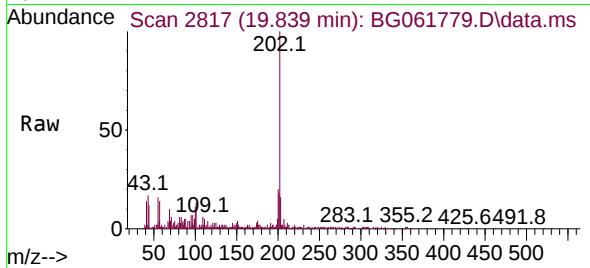
Tgt Ion:202 Resp: 80695
Ion Ratio Lower Upper
202 100
101 14.2 7.8 11.6#
100 9.8 7.7 11.5





#82
Pyrene
Concen: 2.989 ng/ul
RT: 19.839 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

Instrument :
BNA_G
ClientSampleId :
A4CQ2



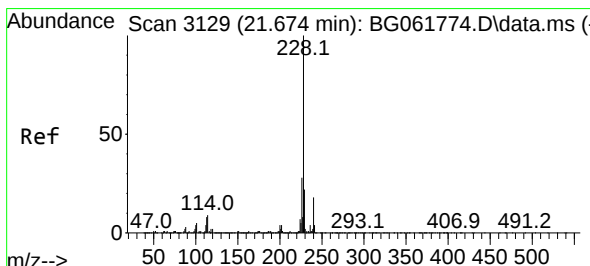
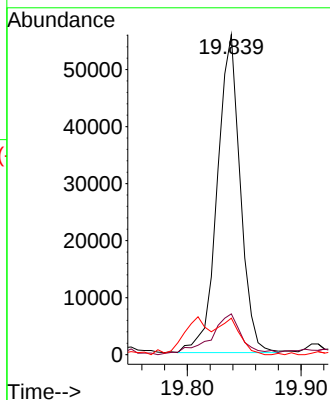
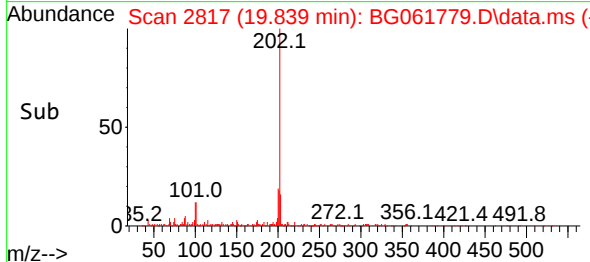
Tgt Ion:202 Resp: 78420
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 11.4 9.9 14.9

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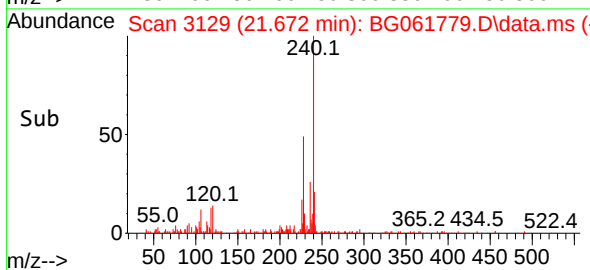
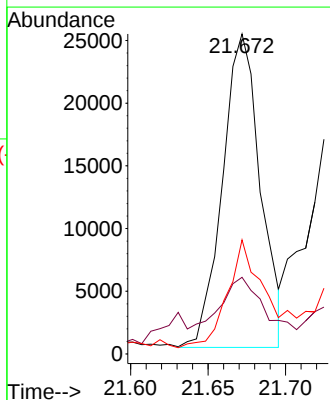
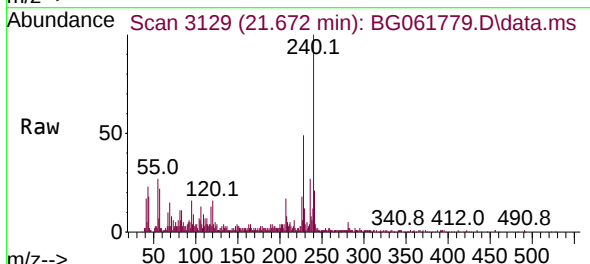
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ahmed

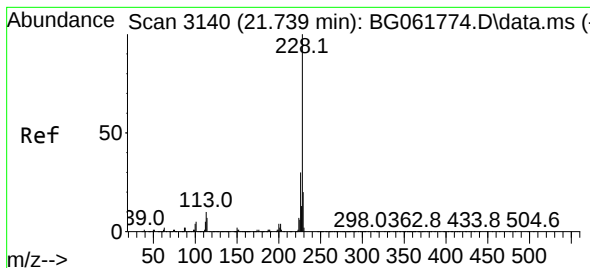
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#85
Benzo(a)anthracene
Concen: 1.600 ng/ul m
RT: 21.672 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

Tgt Ion:228 Resp: 42751
Ion Ratio Lower Upper
228 100
229 23.9 15.8 23.8#
226 35.7 21.4 32.2#





#87

Chrysene

Concen: 1.827 ng/ul

RT: 21.736 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

Instrument :

BNA_G

ClientSampleId :

A4CQ2

Tgt Ion:228	Resp: 4620
Ion Ratio	Lower Upper
228 100	
226 26.8	24.2 36.2
229 22.3	16.5 24.7

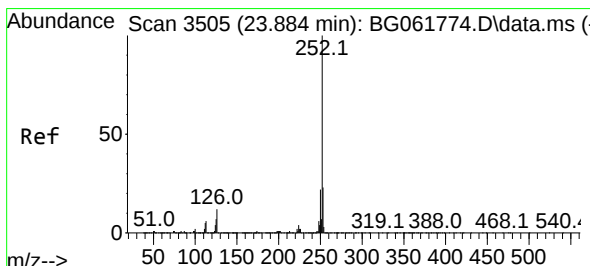
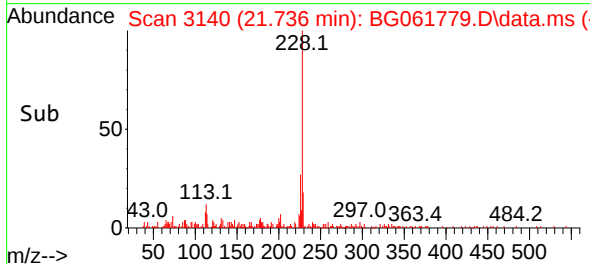
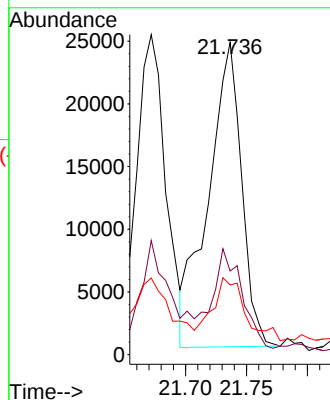
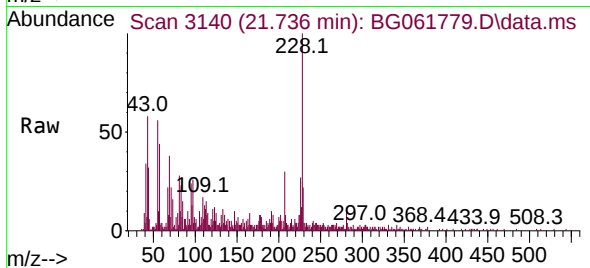
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#90

Benzo(b)fluoranthene

Concen: 2.546 ng/ul

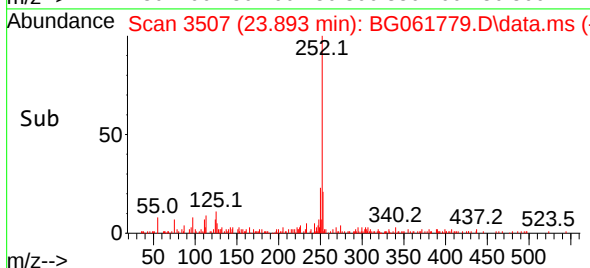
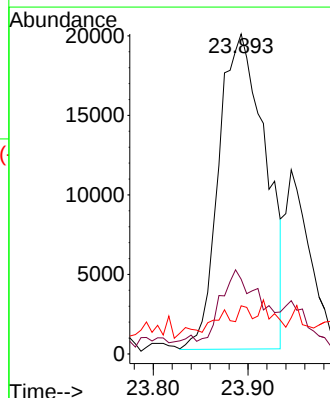
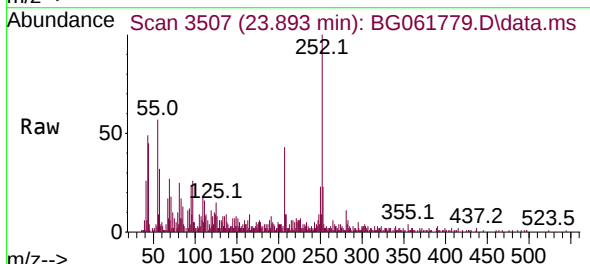
RT: 23.893 min Scan# 3507

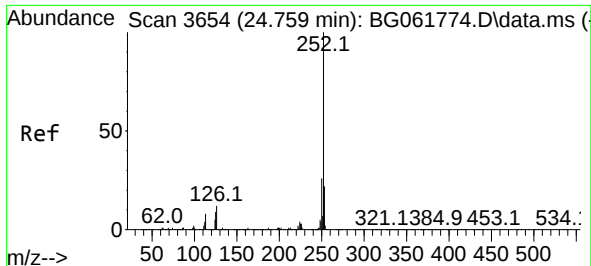
Delta R.T. 0.005 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

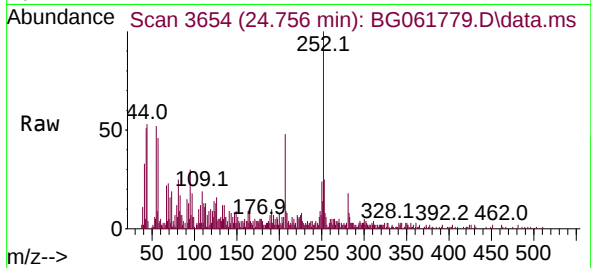
Tgt Ion:252	Resp: 67706
Ion Ratio	Lower Upper
252 100	
253 23.3	18.6 27.8
125 15.1	7.0 10.6





#93
Benzo(a)pyrene
Concen: 1.760 ng/ul
RT: 24.756 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

Instrument :
BNA_G
ClientSampleId :
A4CQ2



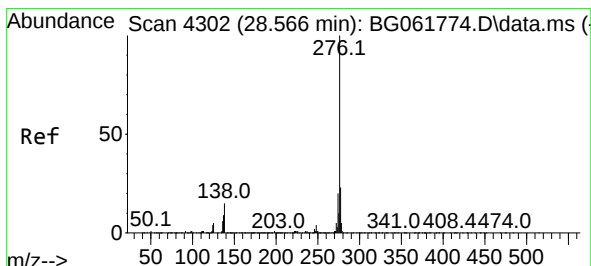
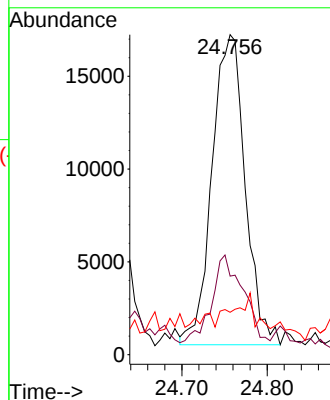
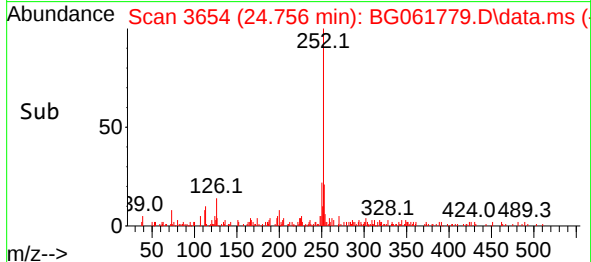
Tgt Ion:252 Resp: 45054
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 13.2 6.5 9.7

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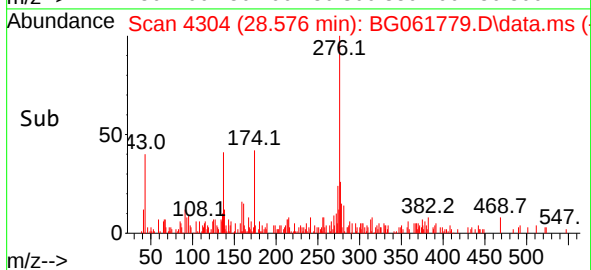
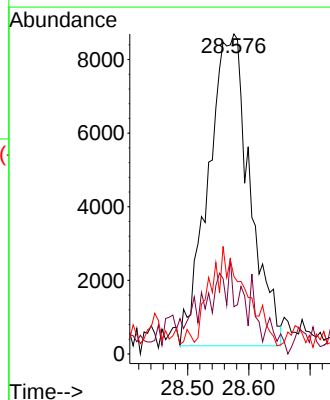
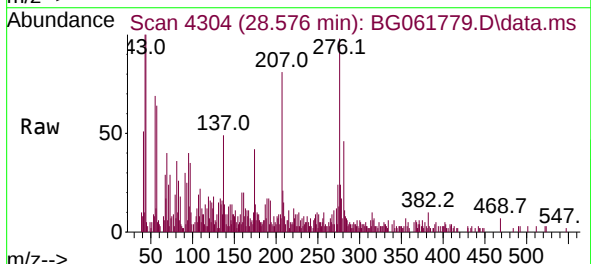
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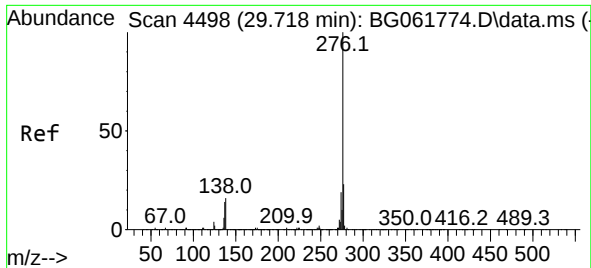
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.252 ng/ul m
RT: 28.576 min Scan# 4304
Delta R.T. 0.011 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

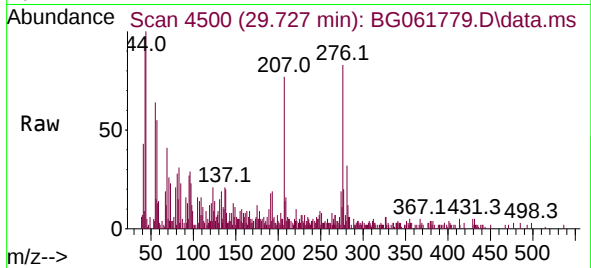
Tgt Ion:276 Resp: 39941
Ion Ratio Lower Upper
276 100
138 14.7 12.2 18.4
277 24.2 19.7 29.5





#96
Benzo(g,h,i)perylene
Concen: 1.521 ng/ul m
RT: 29.727 min Scan# 4
Delta R.T. 0.017 min
Lab File: BG061779.D
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Instrument :
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ClientSampleId :
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Tgt Ion:	276	Resp:	3911
Ion Ratio	Lower	Upper	
276	100		
138	24.0	12.2	18.4
277	24.0	18.6	27.8

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