

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061555.D
 Acq On : 8 Jun 2024 6:38
 Operator : MA/JU
 Sample : P2640-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BH5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:09:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22609	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	91671	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	72014	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	171962	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	188810	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	214648	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2131	5.275	ng/uL	-0.04
4) Pyridine-d5	3.733	84	32169	22.382	ng/u1	-0.04
7) Phenol-d5	7.059	99	44324	23.873	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	24003	20.568	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	35475	25.817	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	38590	24.375	ng/u1	0.00
21) Nitrobenzene-d5	9.027	128	18670	26.452	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.750	143	21500	26.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	44800	27.820	ng/u1	0.00
31) 4-Chloroaniline-d4	10.802	131	40024	18.998	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	142270	25.472	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	155594	26.796	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	15143m	21.930	ng/u1	0.00
60) Fluorene-d10	15.502	176	127498	26.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	19399	18.652	ng/u1	0.00
73) Anthracene-d10	17.359	188	217946	28.748	ng/u1	0.00
81) Pyrene-d10	19.656	212	269279	27.776	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.409	264	298897	28.965	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.300	178	11739	1.406	ng/u1	94
80) Fluoranthene	19.321	202	35249	3.031	ng/u1#	95
82) Pyrene	19.685	202	31381	2.600	ng/u1#	96
85) Benzo(a)anthracene	21.501	228	17645	1.354	ng/u1#	91
87) Chrysene	21.566	228	22177	1.849	ng/u1	93
90) Benzo(b)fluoranthene	23.634	252	33943	2.656	ng/u1	97
93) Benzo(a)pyrene	24.474	252	20381m	1.679	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.146	276	16581m	1.130	ng/u1	
96) Benzo(g,h,i)perylene	29.245	276	14984m	1.283	ng/u1	

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

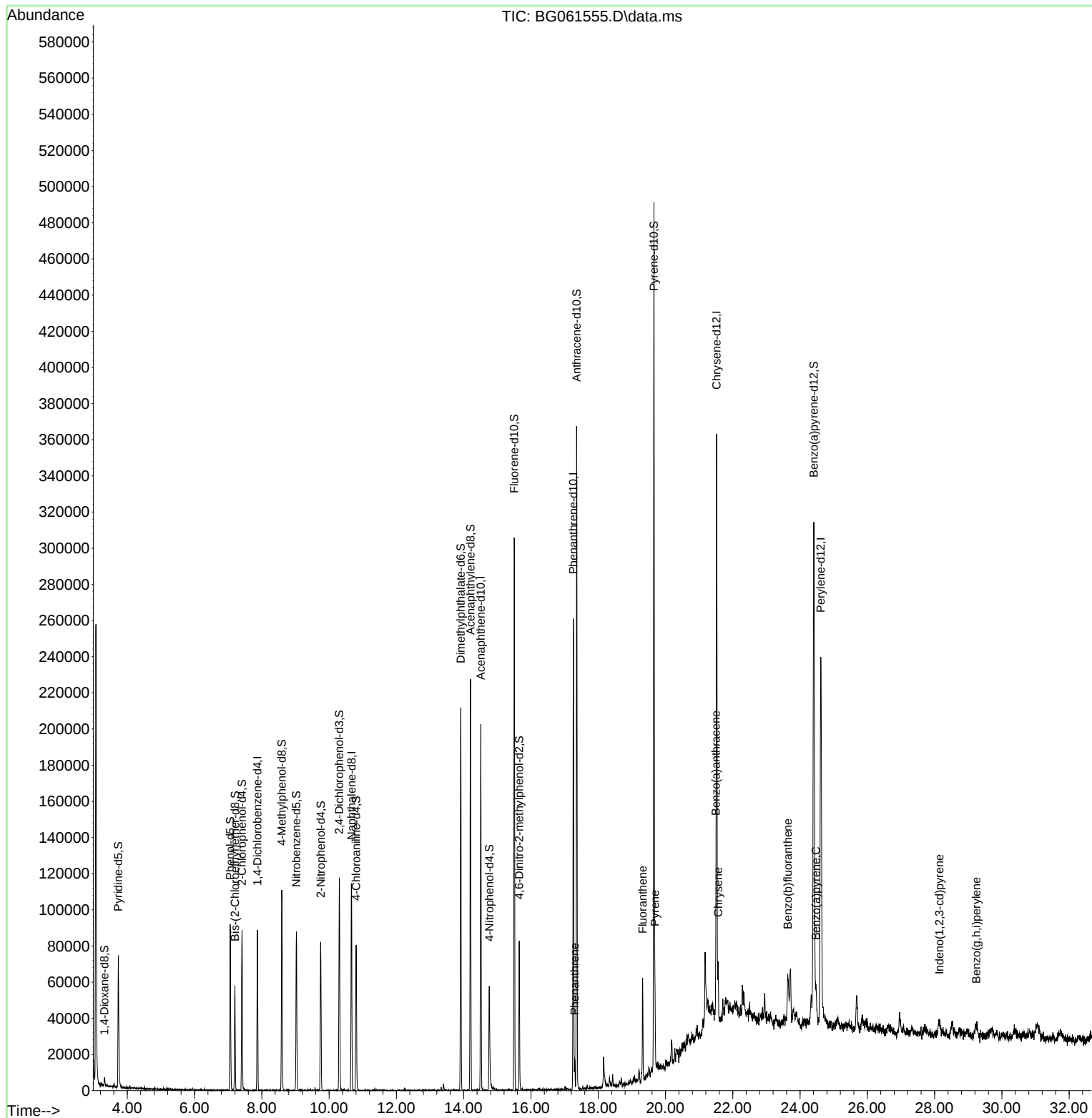
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061555.D
Acq On : 8 Jun 2024 6:38
Operator : MA/JU
Sample : P2640-03
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ALS Vial : 26 Sample Multiplier: 1

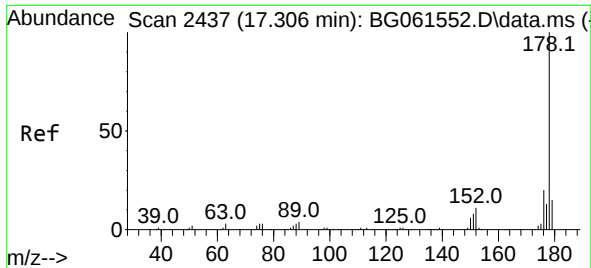
Instrument :
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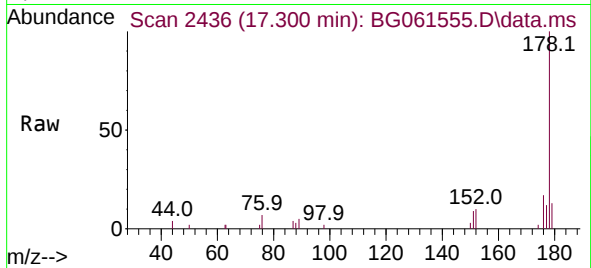
Quant Time: Jun 09 23:09:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.406 ng/u1
RT: 17.300 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

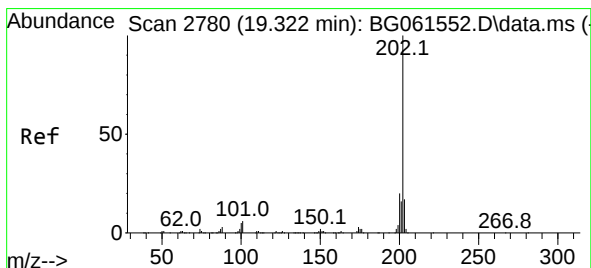
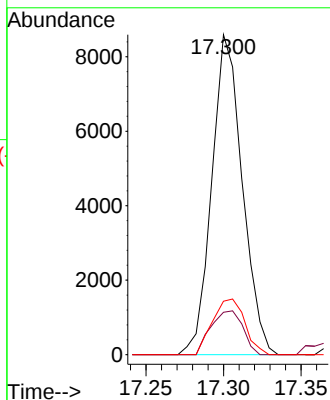
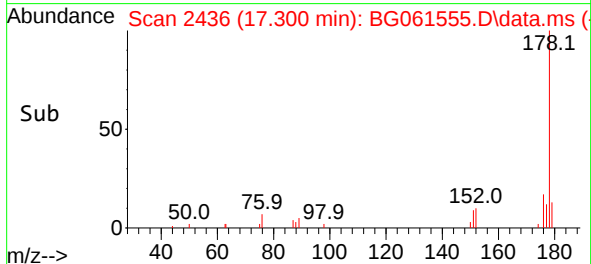
Instrument :
BNA_G
ClientSampleId :
A4BH5



Tgt Ion:178 Resp: 11739
Ion Ratio Lower Upper
178 100
179 13.3 12.7 19.1
176 16.7 15.5 23.3

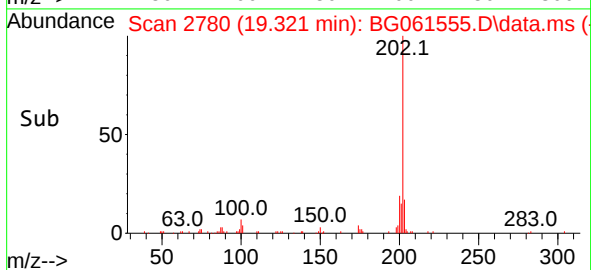
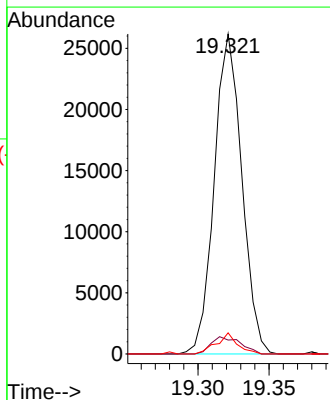
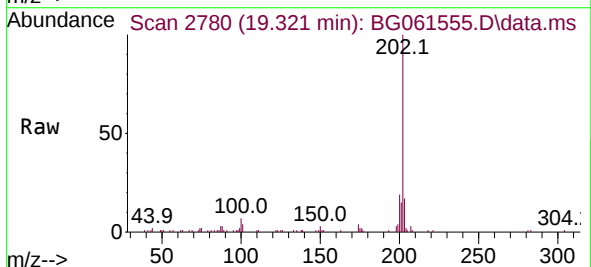
Manual Integrations
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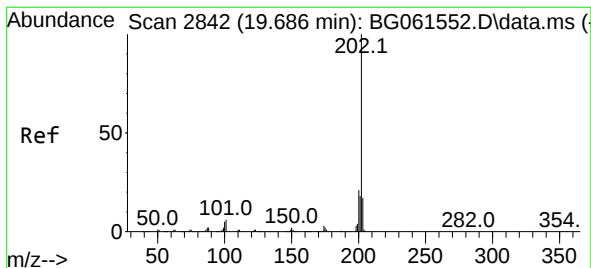
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#80
Fluoranthene
Concen: 3.031 ng/u1
RT: 19.321 min Scan# 2780
Delta R.T. -0.001 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

Tgt Ion:202 Resp: 35249
Ion Ratio Lower Upper
202 100
101 4.4 4.8 7.2#
100 6.6 4.1 6.1#





#82

Pyrene

Concen: 2.600 ng/ul

RT: 19.685 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Instrument :

BNA_G

ClientSampleId :

A4BH5

Tgt Ion:202 Resp: 3138

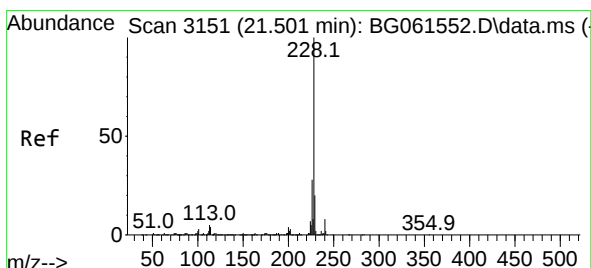
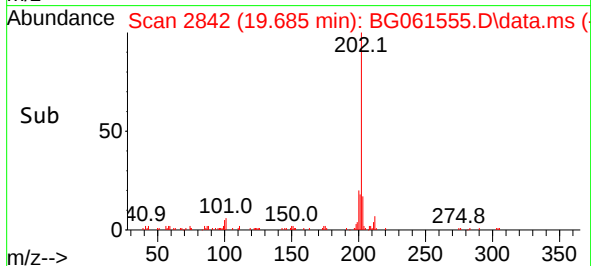
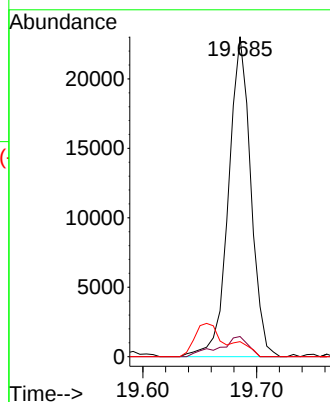
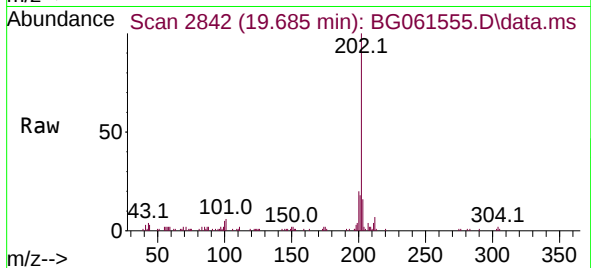
Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.7	8.5
100	4.7	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 1.354 ng/ul

RT: 21.501 min Scan# 3151

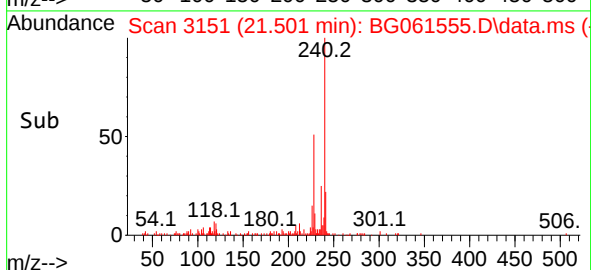
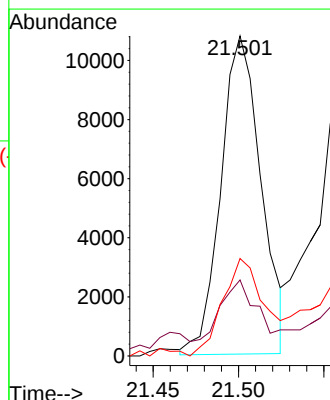
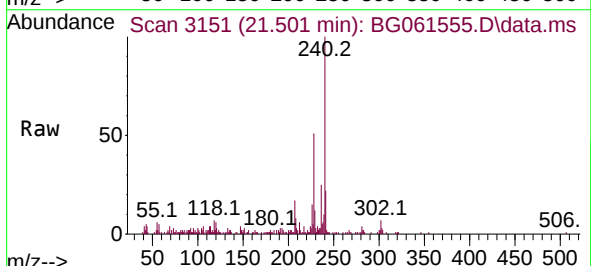
Delta R.T. -0.001 min

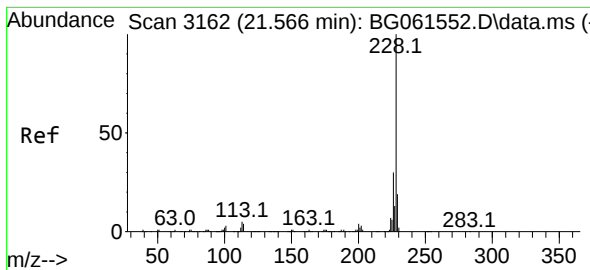
Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Tgt Ion:228 Resp: 17645

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.2	22.8
226	30.5	21.4	32.2





#87

Chrysene

Concen: 1.849 ng/ul

RT: 21.566 min Scan# 3162

Delta R.T. -0.001 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Instrument :

BNA_G

ClientSampleId :

A4BH5

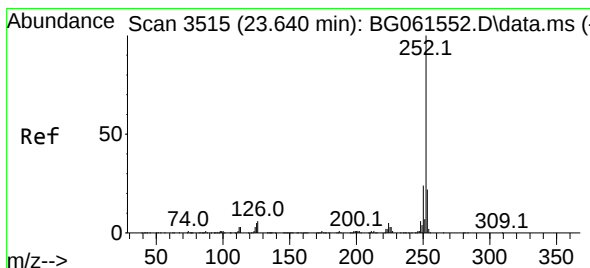
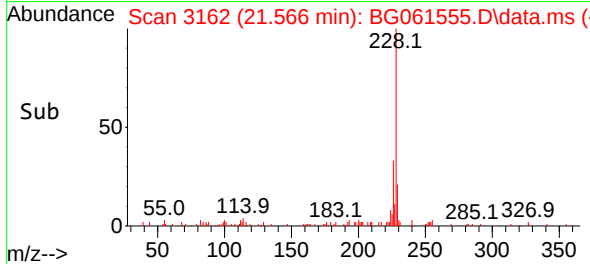
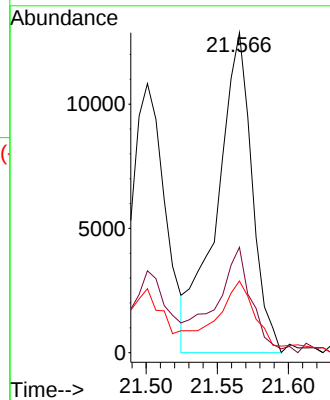
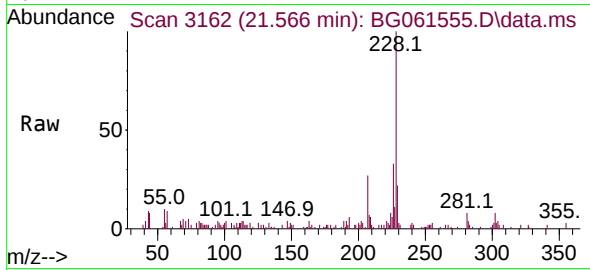
Tgt Ion:	228	Resp:	2217
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.0
229	22.4	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 2.656 ng/ul

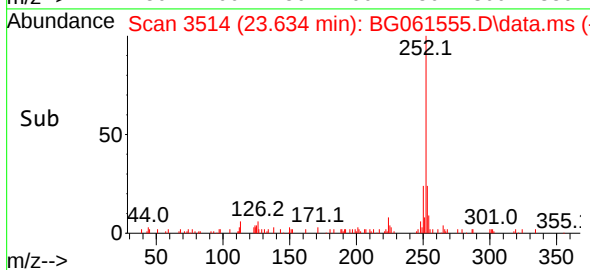
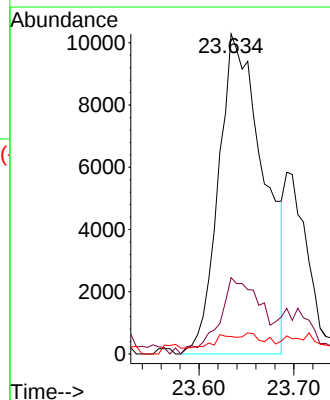
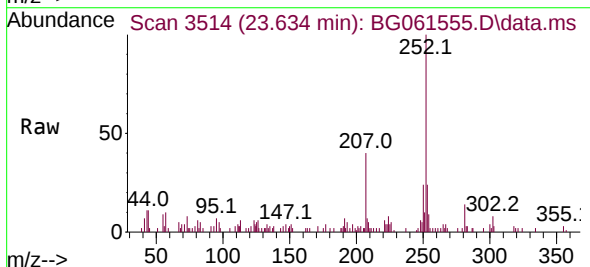
RT: 23.634 min Scan# 3514

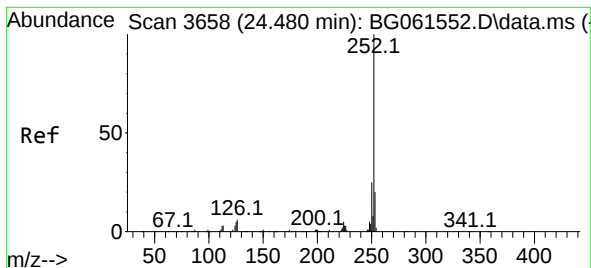
Delta R.T. -0.001 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Tgt Ion:	252	Resp:	33943
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	5.5	4.6	6.8





#93

Benzo(a)pyrene

Concen: 1.679 ng/ul m

RT: 24.474 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

Instrument :

BNA_G

ClientSampleId :

A4BH5

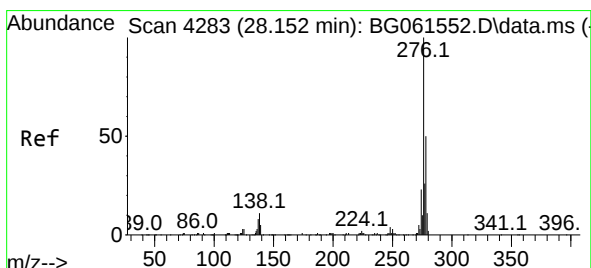
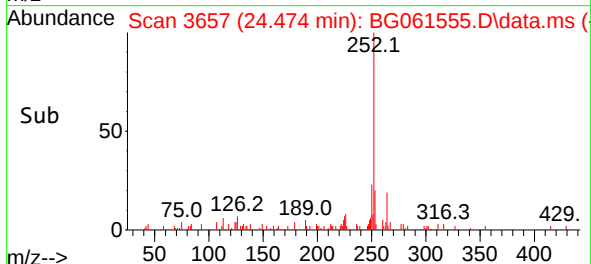
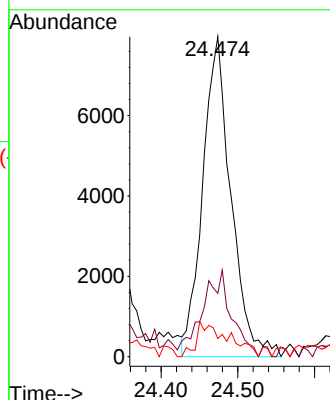
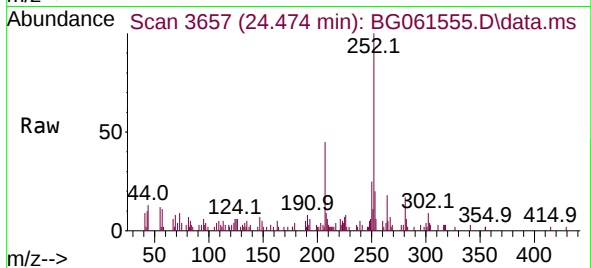
Tgt Ion:	252	Resp:	2038
Ion Ratio	Lower	Upper	
252	100		
253	19.8	16.4	24.6
125	5.7	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.130 ng/ul m

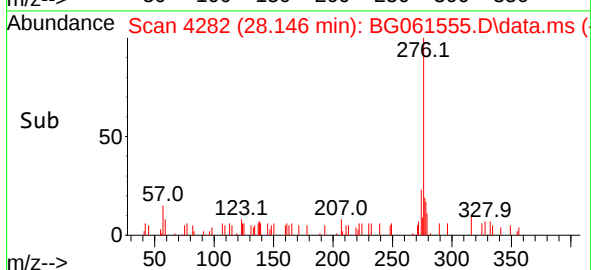
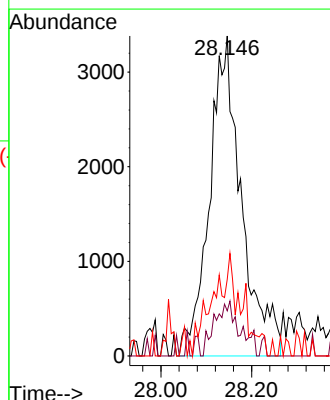
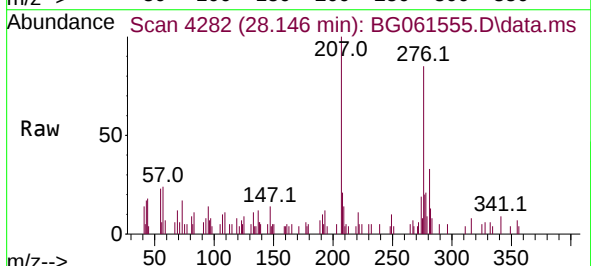
RT: 28.146 min Scan# 4282

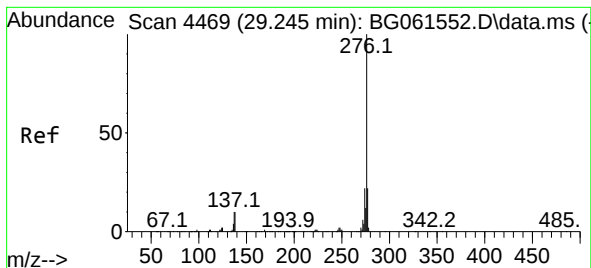
Delta R.T. 0.011 min

Lab File: BG061555.D

Acq: 8 Jun 2024 6:38

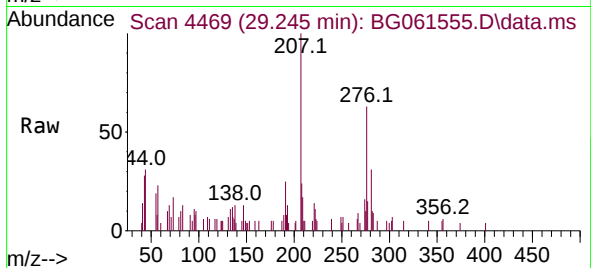
Tgt Ion:	276	Resp:	16581
Ion Ratio	Lower	Upper	
276	100		
138	7.4	8.6	13.0#
277	24.0	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 1.283 ng/ul m
RT: 29.245 min Scan# 4469
Delta R.T. 0.023 min
Lab File: BG061555.D
Acq: 8 Jun 2024 6:38

Instrument :
BNA_G
ClientSampleId :
A4BH5



Tgt Ion:276 Resp: 14984
Ion Ratio Lower Upper
276 100
138 20.1 8.7 13.1
277 24.1 18.2 27.2

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