

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061616.D
 Acq On : 21 Jun 2024 12:04
 Operator : MA/JU
 Sample : P2754-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 23:22:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	44892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	210109	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	152525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	384994	20.000	ng/u1	0.00
79) Chrysene-d12	21.703	240	346063	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	415833	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	6415	5.162	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.209	99	125103	25.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	77989	25.671	ng/u1	0.00
11) 2-Chlorophenol-d4	7.596	132	85997	25.714	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	90607	24.050	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	40917	28.681	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	43410	30.044	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	96373	28.168	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	67911	13.110	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	352569	30.038	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	399933	31.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.864	143	50327	24.966	ng/u1	0.00
60) Fluorene-d10	15.693	176	329991	32.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	38767	23.548	ng/u1	0.00
73) Anthracene-d10	17.538	188	531045	30.218	ng/u1	0.00
81) Pyrene-d10	19.823	212	548117	28.355	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	406926	20.489	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.895	105	13135	2.117	ng/u1	94
72) Phenanthrene	17.485	178	93609	4.622	ng/u1	95
80) Fluoranthene	19.488	202	242734	10.822	ng/u1	97
82) Pyrene	19.847	202	173179	7.262	ng/u1	99
85) Benzo(a)anthracene	21.686	228	103907	4.277	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.615	149	33495	2.624	ng/u1	98
87) Chrysene	21.750	228	129812	5.648	ng/u1	97
90) Benzo(b)fluoranthene	23.907	252	190884	7.636	ng/u1	97
91) Benzo(k)fluoranthene	23.971	252	69615m	2.708	ng/u1	
93) Benzo(a)pyrene	24.776	252	65361	2.716	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.589	276	66486m	2.217	ng/u1	

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

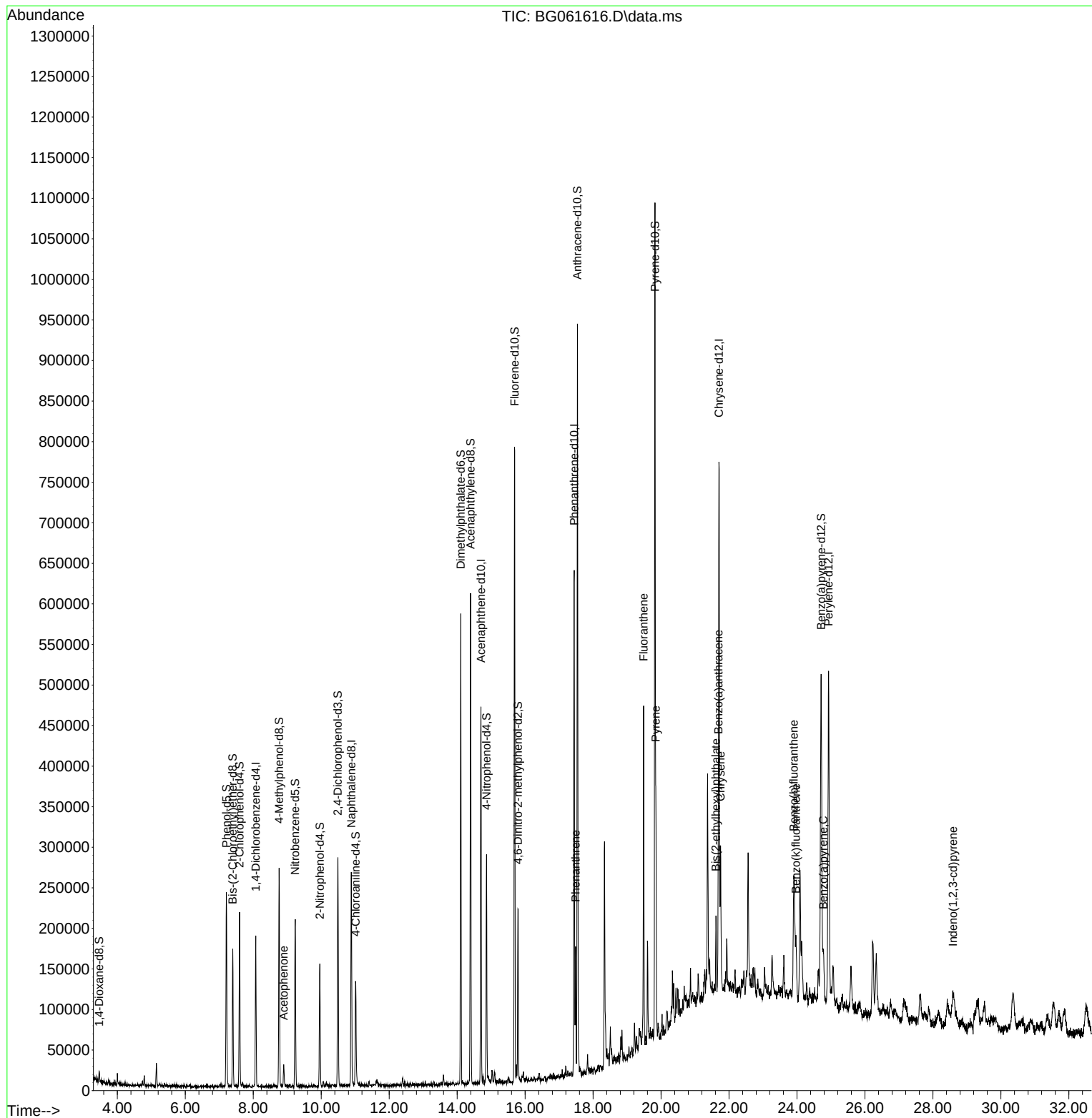
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061616.D
Acq On : 21 Jun 2024 12:04
Operator : MA/JU
Sample : P2754-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

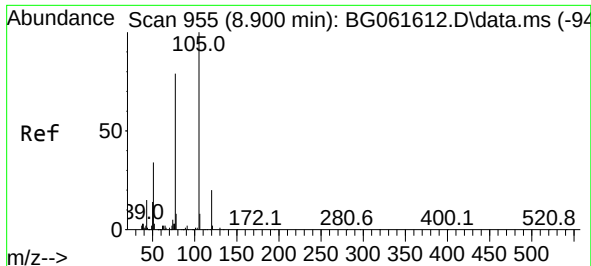
Instrument :
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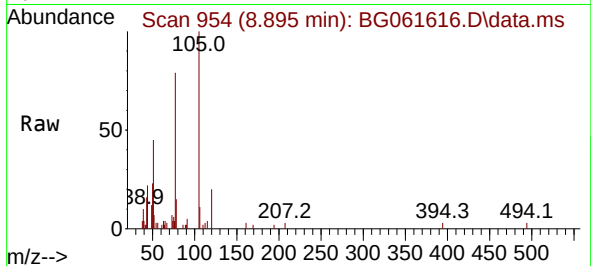
Quant Time: Jun 21 23:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.117 ng/ul
RT: 8.895 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG061616.D
Acq: 21 Jun 2024 12:04

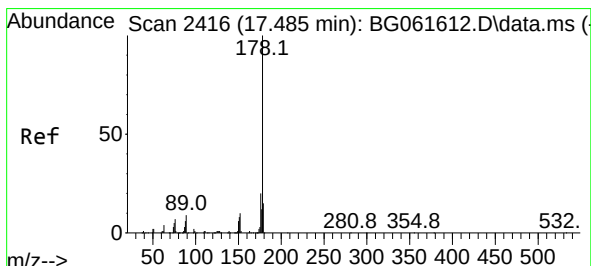
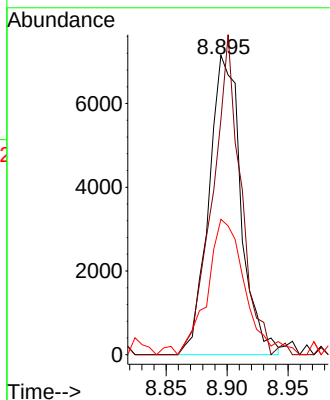
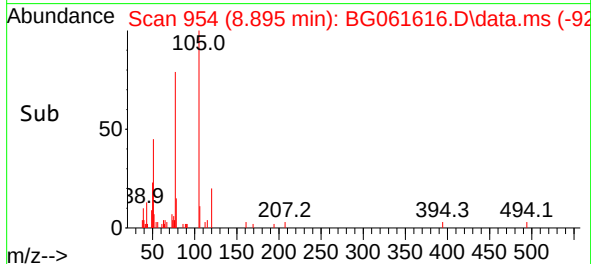
Instrument :
BNA_G
ClientSampleId :
A4BP2



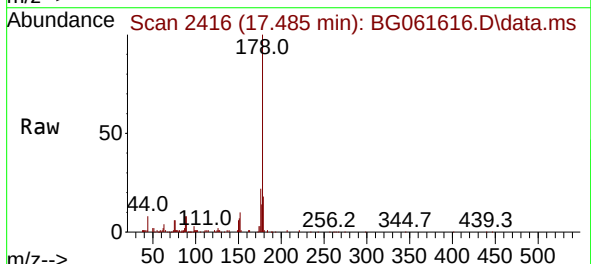
Tgt Ion:105 Resp: 1313
Ion Ratio Lower Upper
105 100
77 78.6 60.4 90.6
51 45.2 31.1 46.7

Manual Integrations
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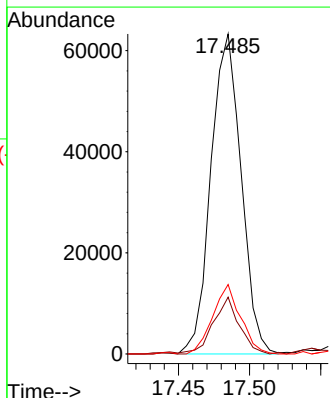
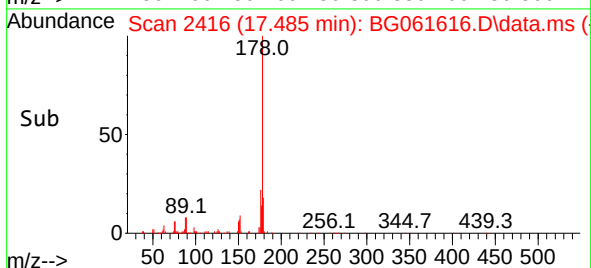
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

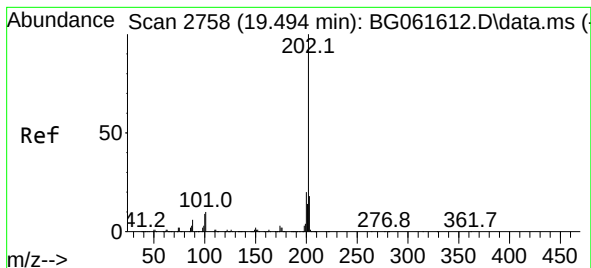


#72
Phenanthrene
Concen: 4.622 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061616.D
Acq: 21 Jun 2024 12:04



Tgt Ion:178 Resp: 93609
Ion Ratio Lower Upper
178 100
179 17.8 12.0 18.0
176 21.7 16.2 24.2





#80

Fluoranthene

Concen: 10.822 ng/ul

RT: 19.488 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Instrument :

BNA_G

ClientSampleId :

A4BP2

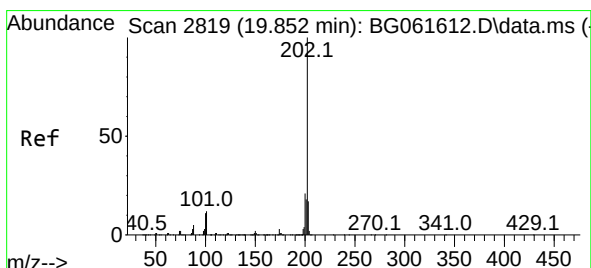
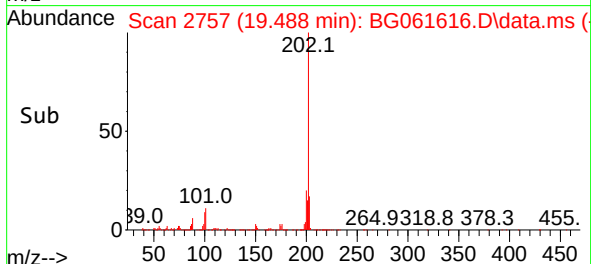
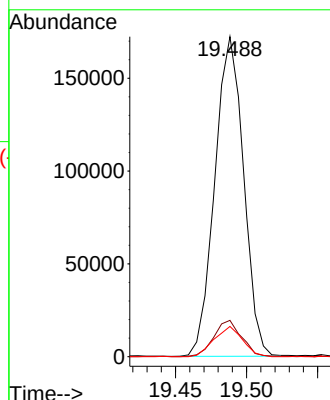
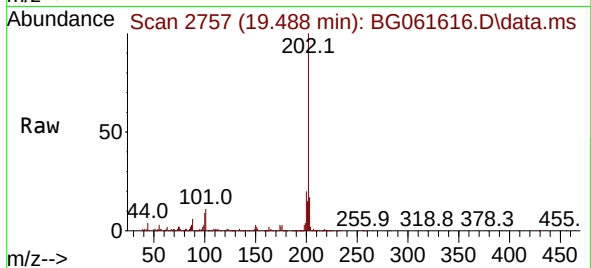
Tgt Ion:202 Resp: 242734
 Ion Ratio Lower Upper
 202 100
 101 11.4 7.8 11.6
 100 9.4 7.7 11.5

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#82

Pyrene

Concen: 7.262 ng/ul

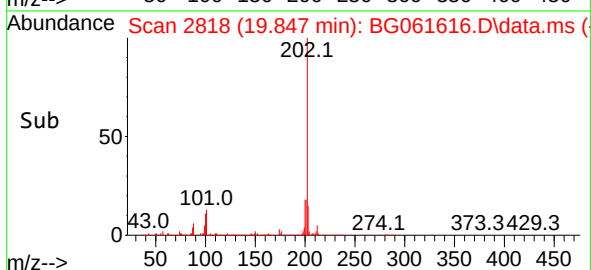
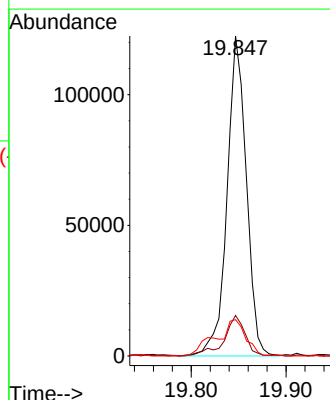
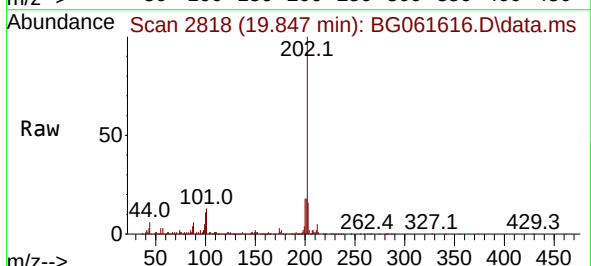
RT: 19.847 min Scan# 2818

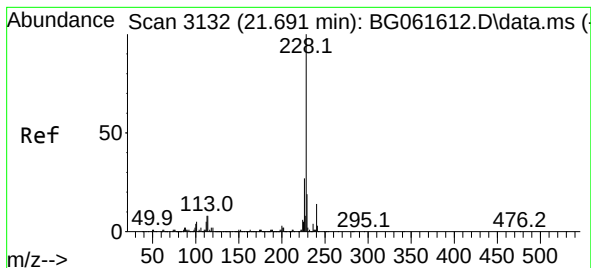
Delta R.T. -0.004 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Tgt Ion:202 Resp: 173179
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.1 15.1
 100 11.4 9.9 14.9





#85

Benzo(a)anthracene

Concen: 4.277 ng/ul

RT: 21.686 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Instrument :

BNA_G

ClientSampleId :

A4BP2

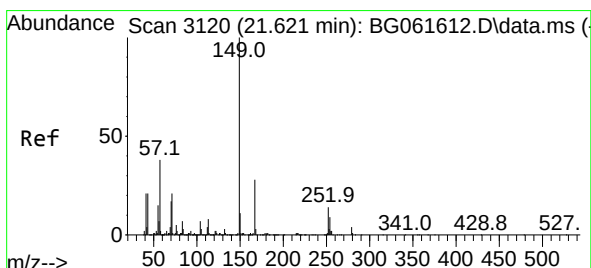
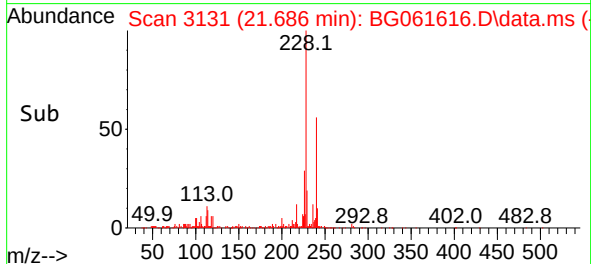
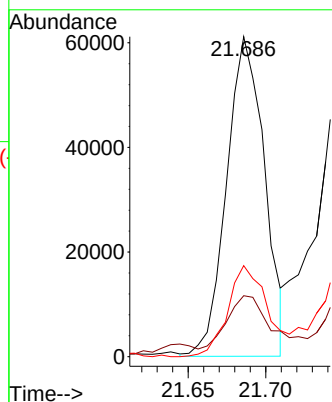
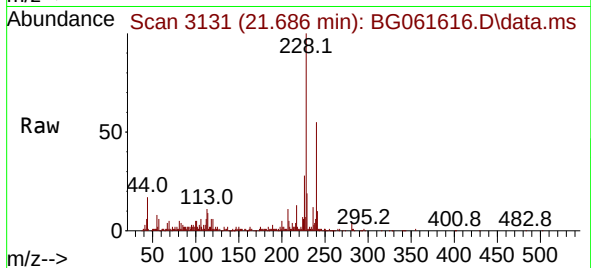
Tgt Ion:	228	Resp:	10390
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.8	23.8
226	28.4	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.624 ng/ul

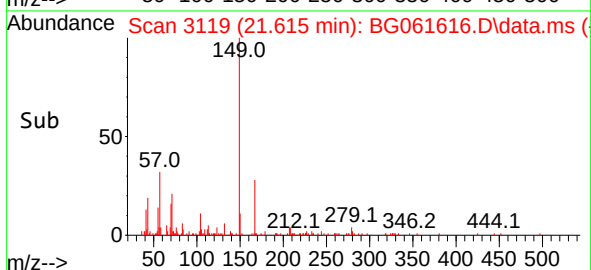
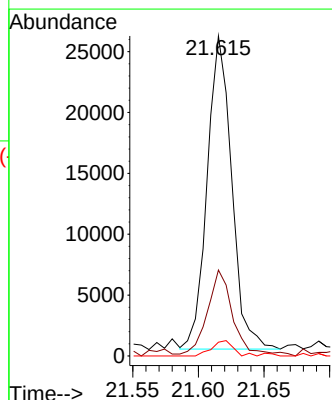
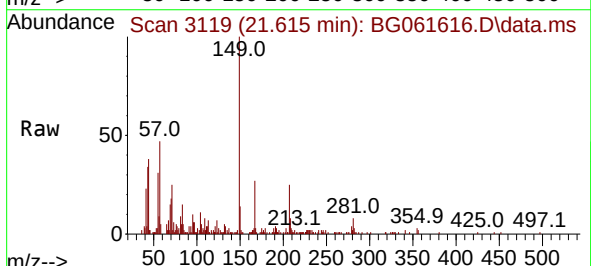
RT: 21.615 min Scan# 3119

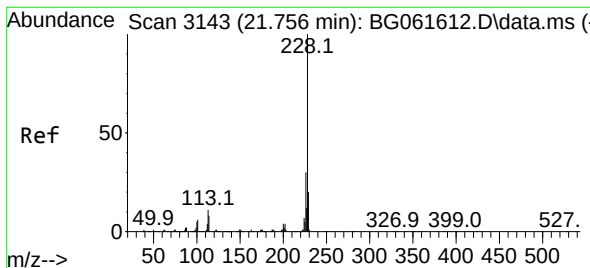
Delta R.T. -0.010 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Tgt Ion:	149	Resp:	33495
Ion Ratio	Lower	Upper	
149	100		
167	26.9	20.5	30.7
279	4.3	2.9	4.3





#87

Chrysene

Concen: 5.648 ng/u1

RT: 21.750 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Instrument :

BNA_G

ClientSampleId :

A4BP2

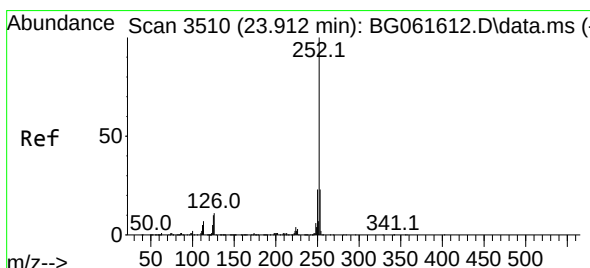
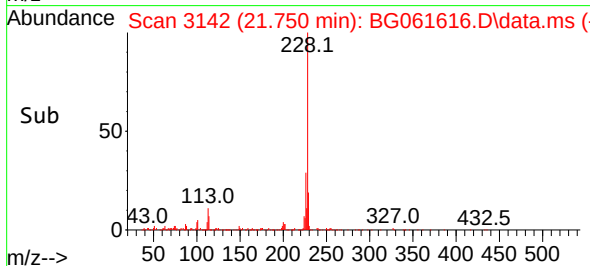
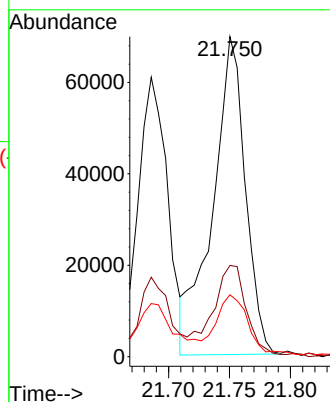
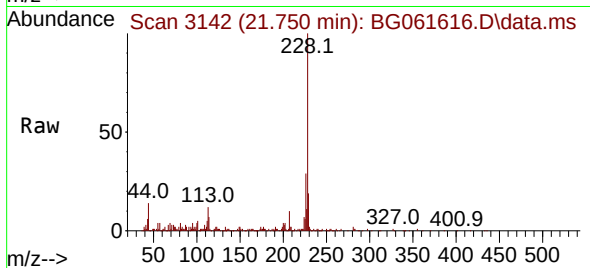
Tgt Ion:228	Resp: 12981
Ion Ratio	Lower Upper
228 100	
226 28.5	24.2 36.2
229 19.4	16.5 24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 7.636 ng/u1

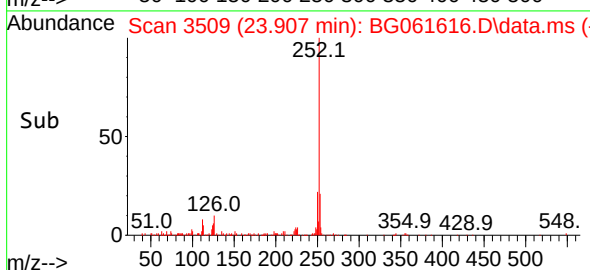
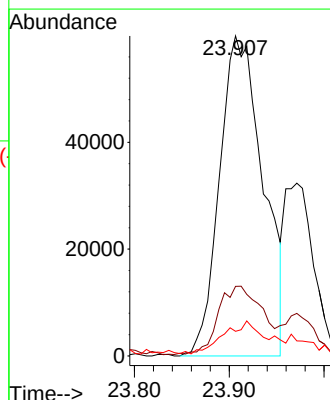
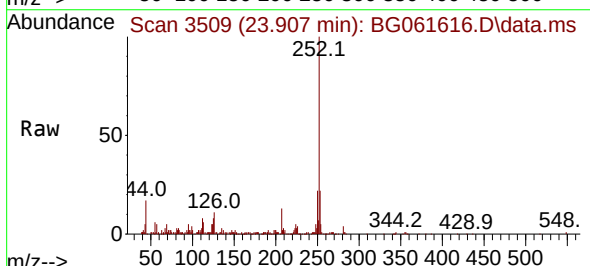
RT: 23.907 min Scan# 3509

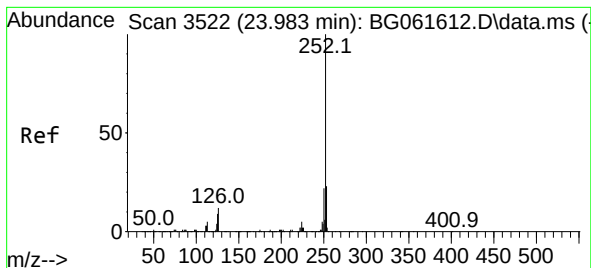
Delta R.T. -0.010 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Tgt Ion:252	Resp: 190884
Ion Ratio	Lower Upper
252 100	
253 21.8	18.6 27.8
125 7.7	7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 2.708 ng/ul m

RT: 23.971 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

Instrument :

BNA_G

ClientSampleId :

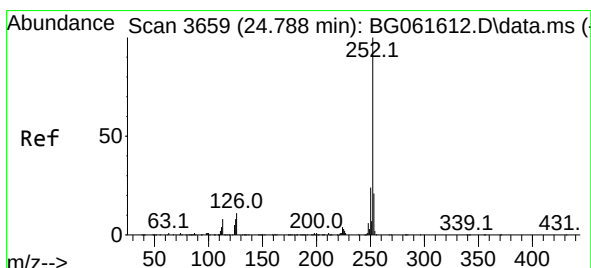
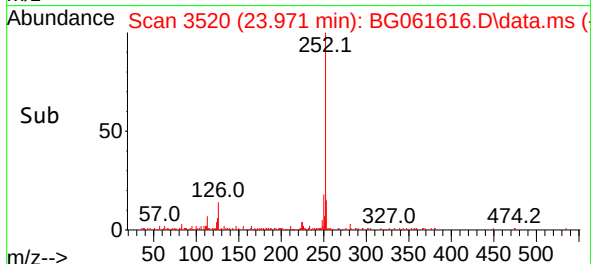
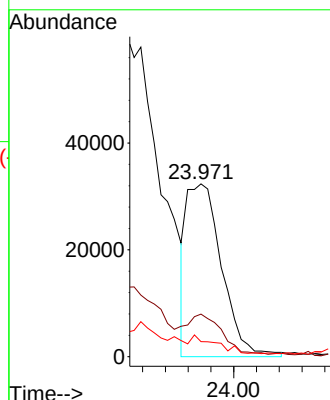
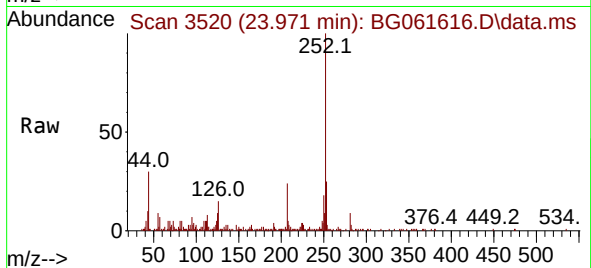
A4BP2

Tgt Ion:252 Resp: 6961
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.8 26.6
 125 8.7 6.2 9.2

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#93

Benzo(a)pyrene

Concen: 2.716 ng/ul

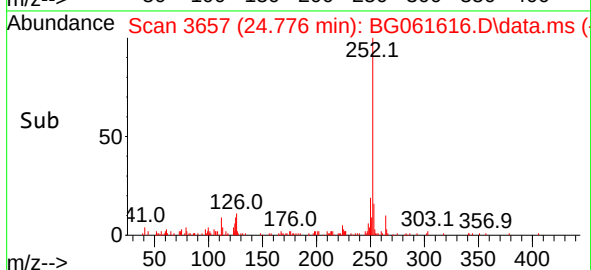
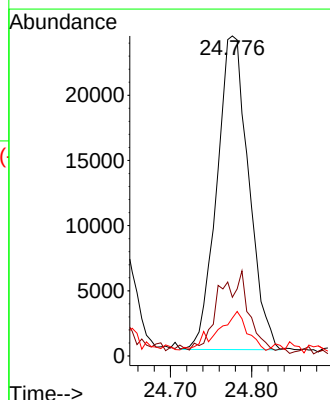
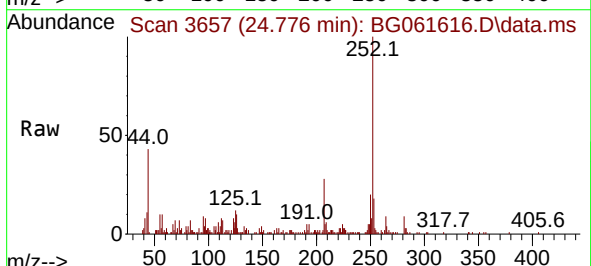
RT: 24.776 min Scan# 3657

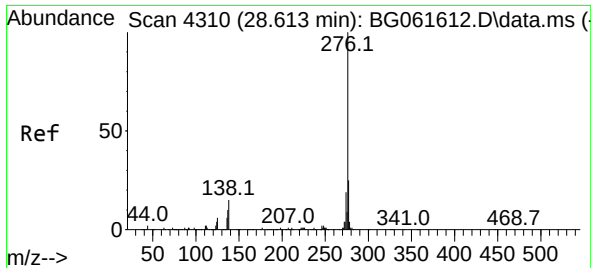
Delta R.T. -0.016 min

Lab File: BG061616.D

Acq: 21 Jun 2024 12:04

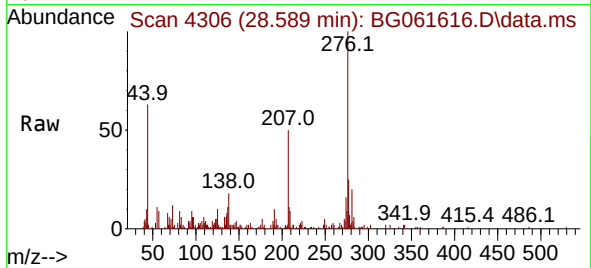
Tgt Ion:252 Resp: 65361
 Ion Ratio Lower Upper
 252 100
 253 18.4 16.8 25.2
 125 11.8 6.5 9.7#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.217 ng/ul m
 RT: 28.589 min Scan# 4310
 Delta R.T. -0.028 min
 Lab File: BG061616.D
 Acq: 21 Jun 2024 12:04

Instrument :
 BNA_G
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Tgt Ion: 276 Resp: 66480
 Ion Ratio Lower Upper
 276 100
 138 18.1 12.2 18.4
 277 24.7 19.7 29.5

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