

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061483.D
 Acq On : 5 Jun 2024 10:41
 Operator : MA/JU
 Sample : P2577-18DL2 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4DL2

Quant Time: Jun 05 23:35:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	30284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.673	136	125576	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	94340	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	216775	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	237287	20.000	ng/u1	0.00
88) Perylene-d12	24.616	264	256281	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.071	99	2359	0.949	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.207	67	1375	0.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	1926	1.046	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	1752m	0.826	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	955	0.988	ng/u1	0.01
24) 2-Nitrophenol-d4	9.756	143	1218	1.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.332	165	2401m	1.088	ng/u1	0.03
31) 4-Chloroaniline-d4	10.808	131	1285m	0.445	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	7828	1.070	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	8911	1.171	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.509	176	7788	1.233	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.359	188	11818	1.237	ng/u1	0.00
81) Pyrene-d10	19.657	212	15453	1.268	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	12780	1.037	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	20911	1.987	ng/u1	98
80) Fluoranthene	19.322	202	70778	4.843	ng/u1	98
82) Pyrene	19.686	202	55915	3.686	ng/u1	100
83) Butylbenzylphthalate	20.573	149	10976	2.106	ng/u1	96
85) Benzo(a)anthracene	21.502	228	39871	2.435	ng/u1#	91
86) Bis(2-ethylhexyl)phtha...	21.407	149	478160	61.981	ng/u1	99
87) Chrysene	21.560	228	38886	2.579	ng/u1#	95
90) Benzo(b)fluoranthene	23.634	252	58117	3.809	ng/u1	97
91) Benzo(k)fluoranthene	23.693	252	21142m	1.365	ng/u1	
93) Benzo(a)pyrene	24.463	252	23852	1.646	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.117	276	24685m	1.409	ng/u1	

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

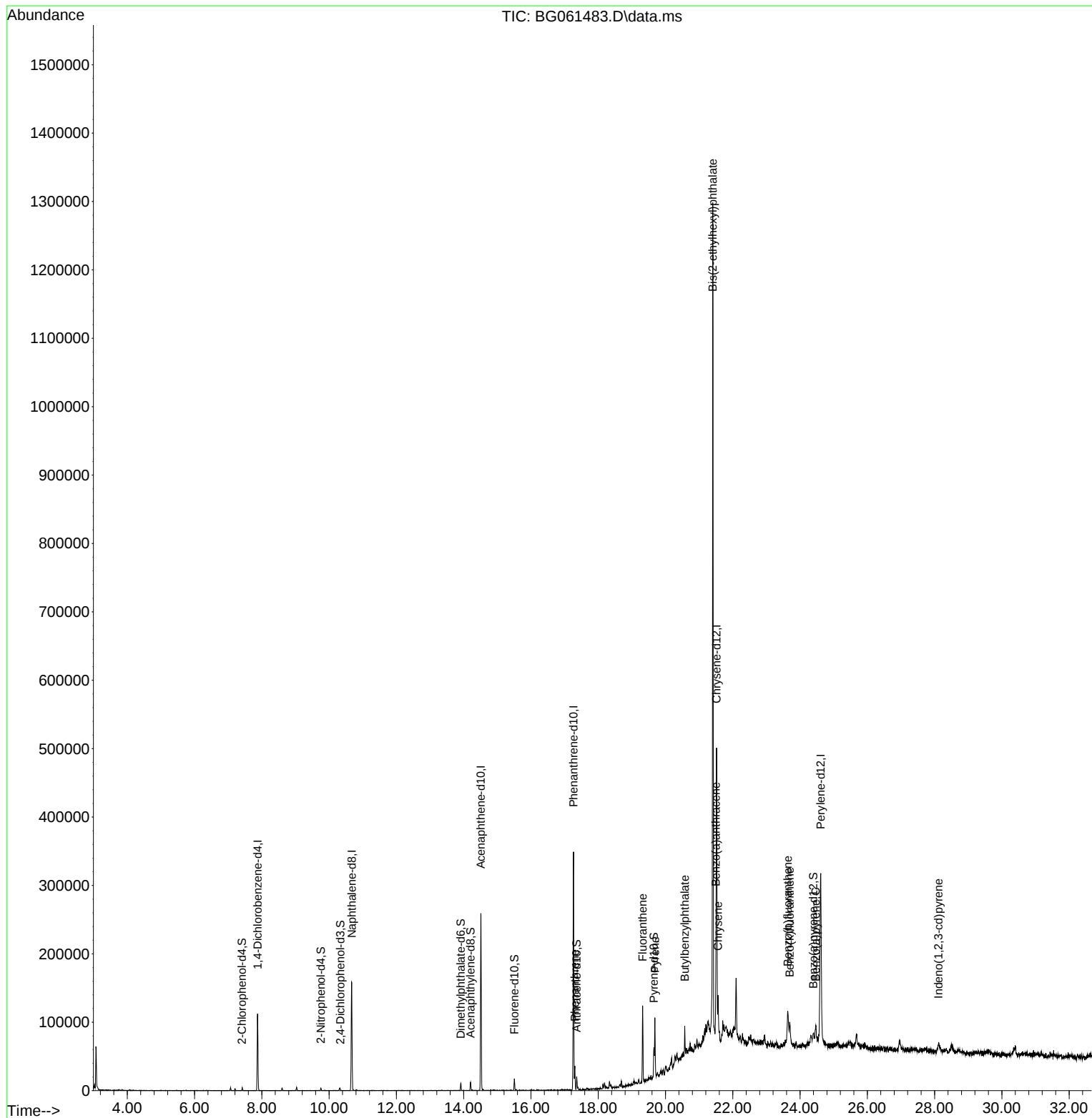
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061483.D
Acq On : 5 Jun 2024 10:41
Operator : MA/JU
Sample : P2577-18DL2 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

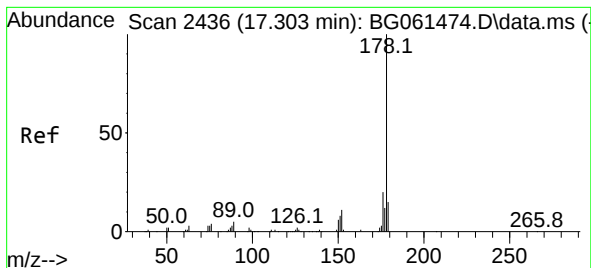
Instrument :
BNA_G
ClientSampleId :
BHBW4DL2

Manual Integrations
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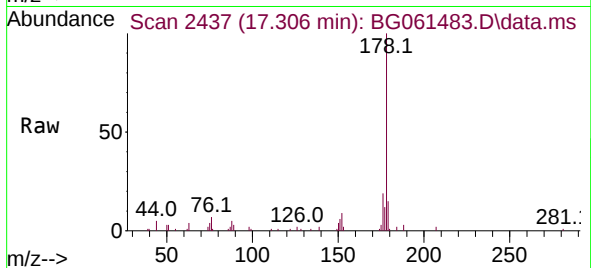
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.987 ng/ul
RT: 17.306 min Scan# 2436
Delta R.T. 0.007 min
Lab File: BG061483.D
Acq: 5 Jun 2024 10:41

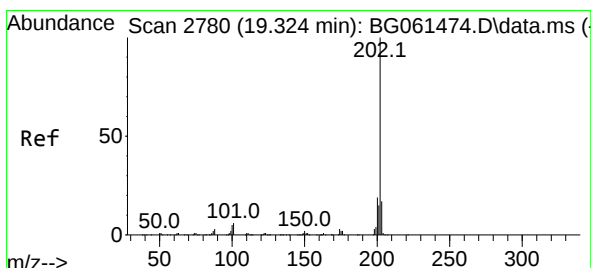
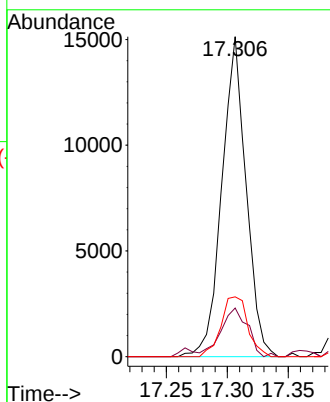
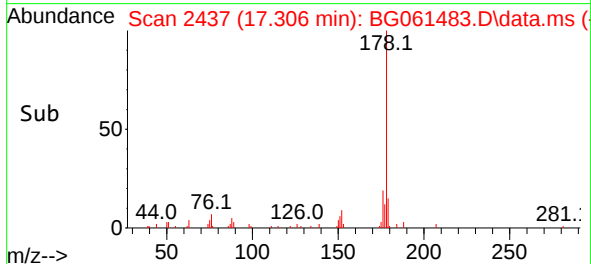
Instrument :
BNA_G
ClientSampleId :
BHBW4DL2



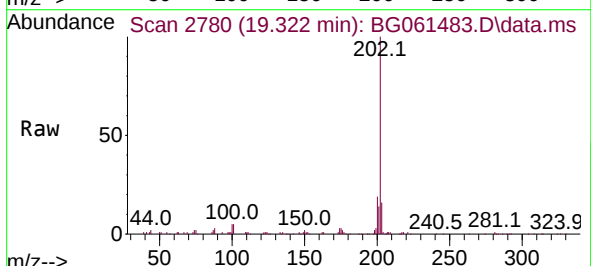
Tgt Ion:178 Resp: 2091
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 18.7 15.5 23.3

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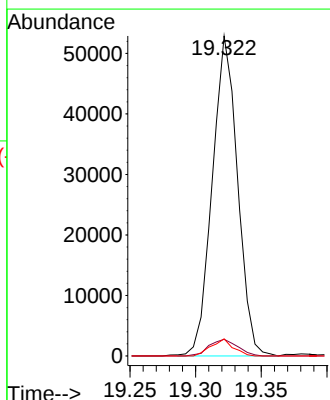
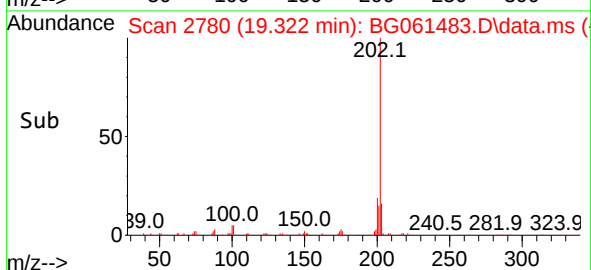
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

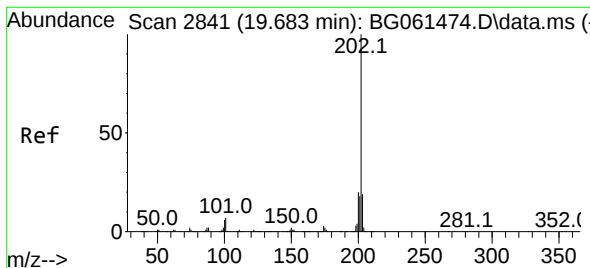


#80
Fluoranthene
Concen: 4.843 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. 0.007 min
Lab File: BG061483.D
Acq: 5 Jun 2024 10:41



Tgt Ion:202 Resp: 70778
Ion Ratio Lower Upper
202 100
101 5.2 4.8 7.2
100 5.3 4.1 6.1





#82

Pyrene

Concen: 3.686 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

Instrument :

BNA_G

ClientSampleId :

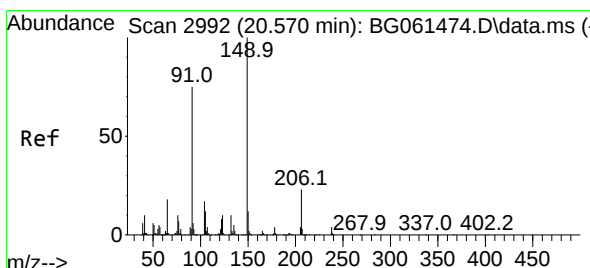
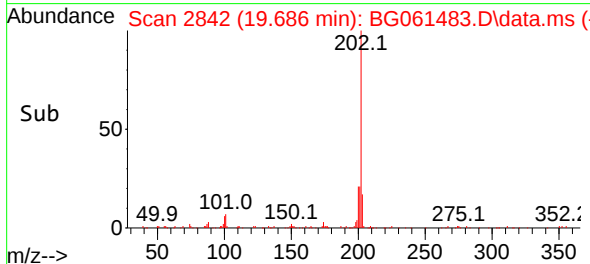
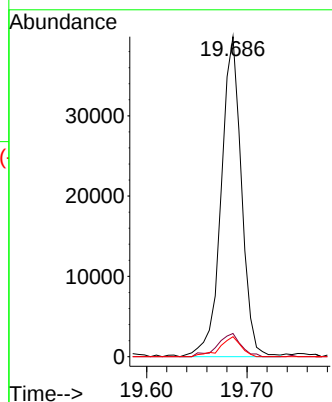
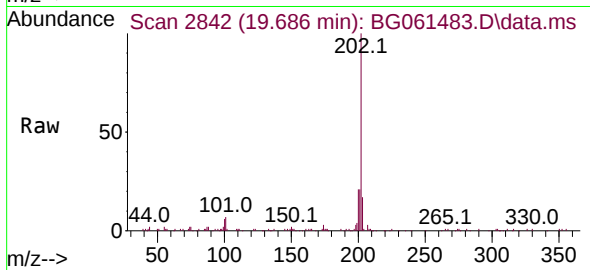
BHBW4DL2

Tgt Ion:	202	Resp:	5591
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.7	8.5
100	6.2	5.1	7.7

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 2.106 ng/ul

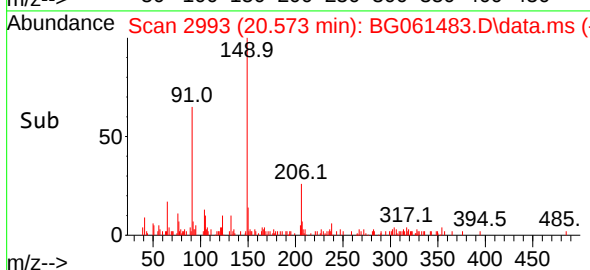
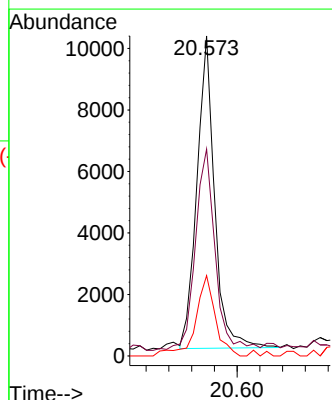
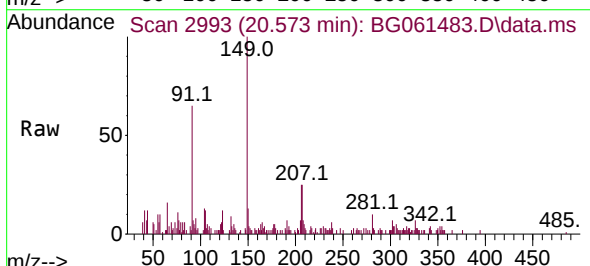
RT: 20.573 min Scan# 2993

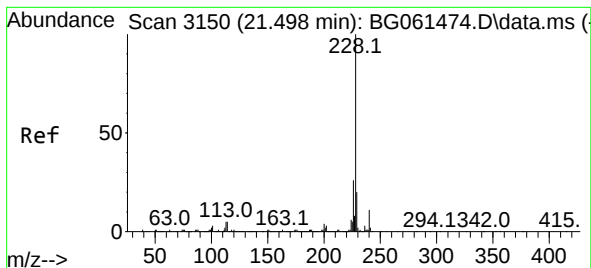
Delta R.T. 0.001 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

Tgt Ion:	149	Resp:	10976
Ion Ratio	Lower	Upper	
149	100		
91	64.7	54.8	82.2
206	25.1	19.4	29.0





#85

Benzo(a)anthracene

Concen: 2.435 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.007 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

Instrument :

BNA_G

ClientSampleId :

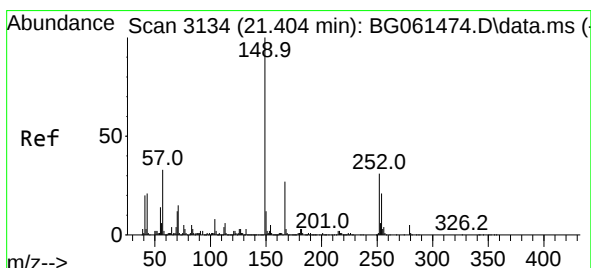
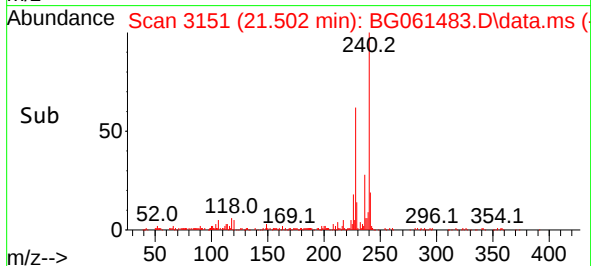
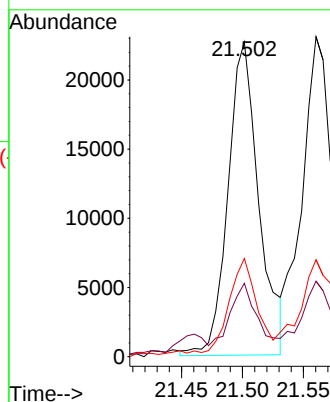
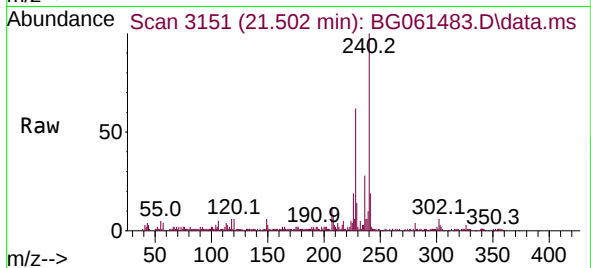
BHBW4DL2

Tgt Ion:	228	Resp:	3987
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.2	22.8
226	31.2	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 61.981 ng/ul

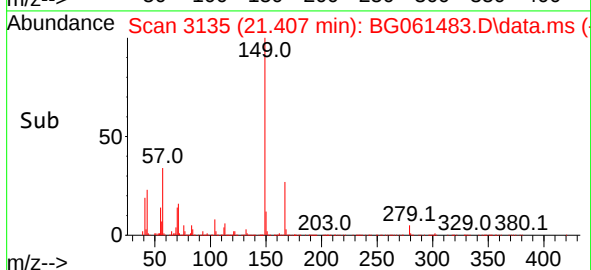
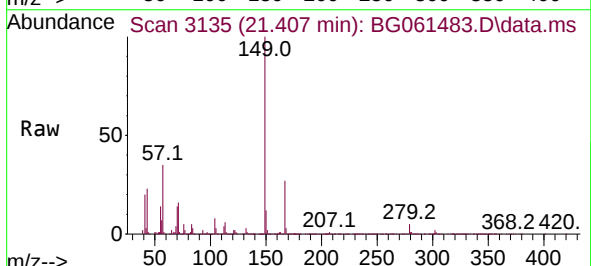
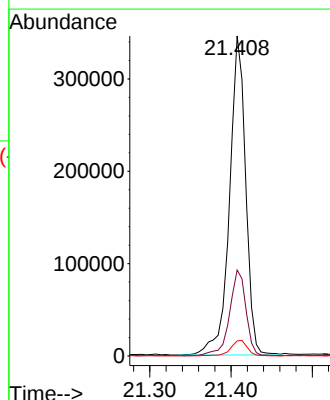
RT: 21.407 min Scan# 3135

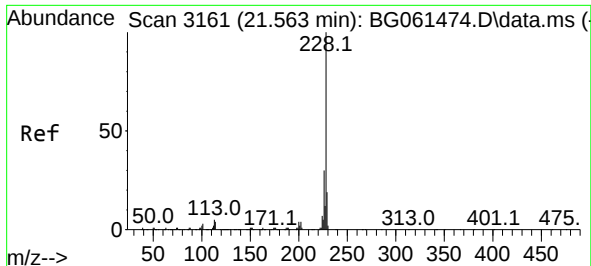
Delta R.T. 0.001 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

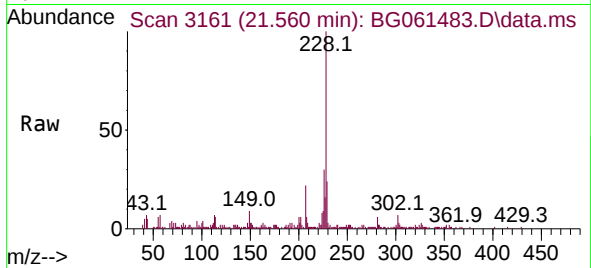
Tgt Ion:	149	Resp:	478160
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.1	31.7
279	4.7	3.3	4.9





#87
Chrysene
Concen: 2.579 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061483.D
Acq: 5 Jun 2024 10:41

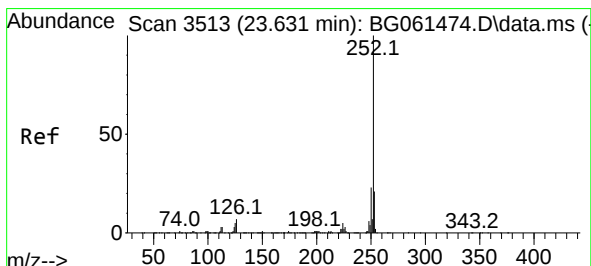
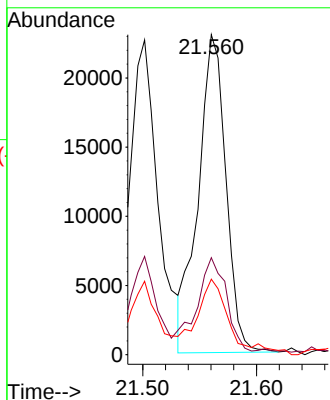
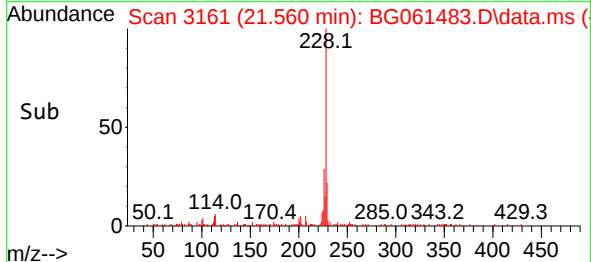
Instrument :
BNA_G
ClientSampleId :
BHBW4DL2



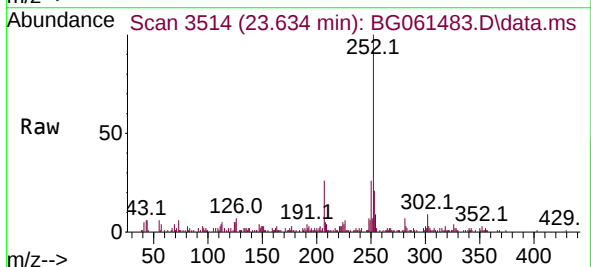
Tgt Ion:228 Resp: 38880
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 23.6 15.4 23.2

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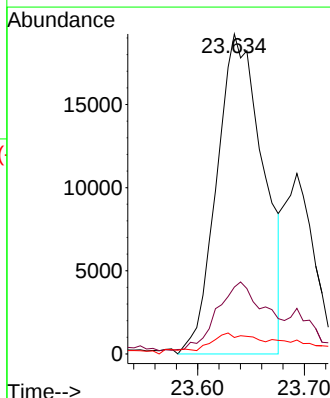
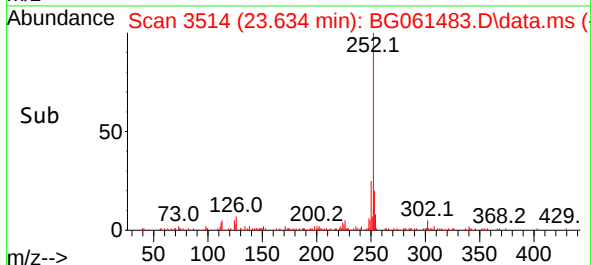
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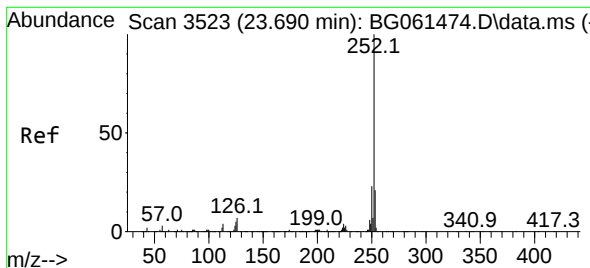


#90
Benzo(b)fluoranthene
Concen: 3.809 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. 0.019 min
Lab File: BG061483.D
Acq: 5 Jun 2024 10:41



Tgt Ion:252 Resp: 58117
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 5.1 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 1.365 ng/ul m

RT: 23.693 min Scan# 3

Delta R.T. 0.013 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

Instrument :

BNA_G

ClientSampleId :

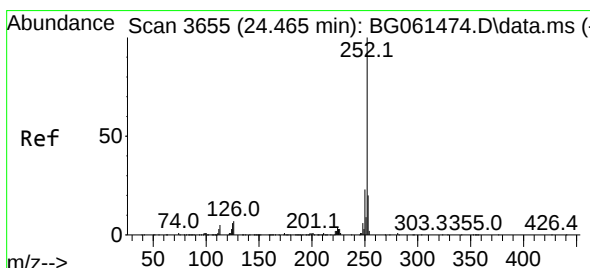
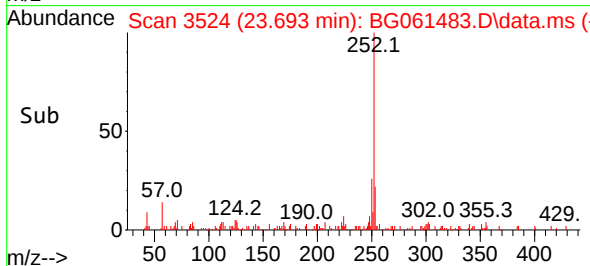
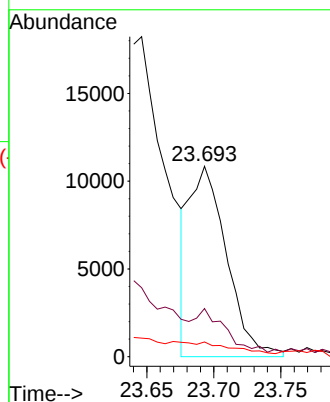
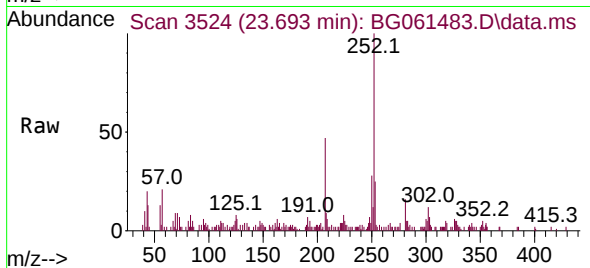
BHBW4DL2

Tgt Ion:	252	Resp:	2114
Ion Ratio	Lower	Upper	
252	100		
253	25.3	16.0	24.0
125	7.8	4.3	6.5

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.646 ng/ul

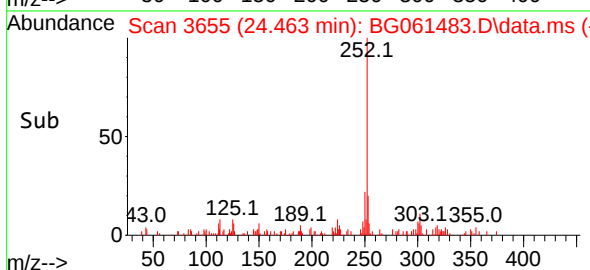
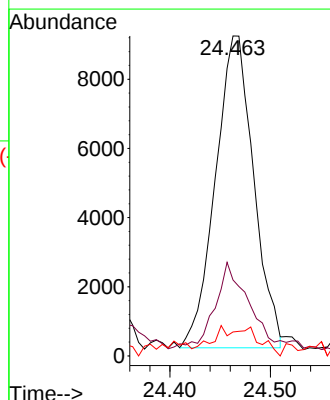
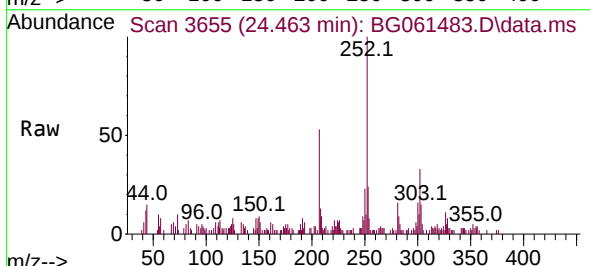
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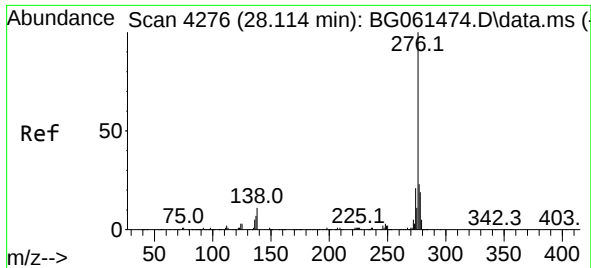
Delta R.T. 0.013 min

Lab File: BG061483.D

Acq: 5 Jun 2024 10:41

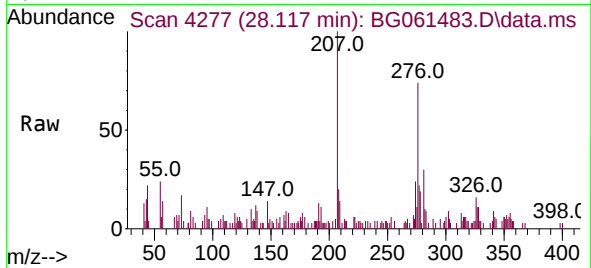
Tgt Ion:	252	Resp:	23852
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.4	24.6
125	7.5	4.3	6.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.409 ng/ul m
 RT: 28.117 min Scan# 4
 Delta R.T. 0.025 min
 Lab File: BG061483.D
 Acq: 5 Jun 2024 10:41

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4DL2



Tgt Ion:276 Resp: 2468
 Ion Ratio Lower Upper
 276 100
 138 11.6 8.6 13.0
 277 29.2 19.7 29.5

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