

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061456.D
 Acq On : 4 Jun 2024 15:30
 Operator : MA/JU
 Sample : P2577-18DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 16:08:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	26982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	114443	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	92562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	217705	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	237584	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	267928	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.746	84	2084	1.215	ng/u1	0.00
7) Phenol-d5	7.065	99	6048	2.730	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	4139	2.972	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	5051	3.080	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	5361	2.837	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	2741	3.111	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	3221	3.123	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	6391	3.179	ng/u1	0.01
31) 4-Chloroaniline-d4	10.814	131	3399	1.292	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	24028	3.347	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	24390	3.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	1987m	2.239	ng/u1	0.04
60) Fluorene-d10	15.502	176	21015	3.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	1383	1.050	ng/u1	0.02
73) Anthracene-d10	17.359	188	36516	3.805	ng/u1	0.00
81) Pyrene-d10	19.656	212	39686	3.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	35631	2.766	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	59366	5.618	ng/u1	99
80) Fluoranthene	19.322	202	196118	13.401	ng/u1	99
82) Pyrene	19.686	202	154050	10.141	ng/u1	99
83) Butylbenzylphthalate	20.573	149	29281	5.611	ng/u1	92
85) Benzo(a)anthracene	21.495	228	105768	6.452	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	1332882	172.558	ng/u1#	96
87) Chrysene	21.560	228	117462	7.782	ng/u1	97
90) Benzo(b)fluoranthene	23.634	252	158102	9.911	ng/u1	95
91) Benzo(k)fluoranthene	23.693	252	63536m	3.923	ng/u1	
93) Benzo(a)pyrene	24.463	252	69802	4.608	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.111	276	65304	3.565	ng/u1	98
95) Dibenzo(a,h)anthracene	28.146	278	20270	1.342	ng/u1#	97

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

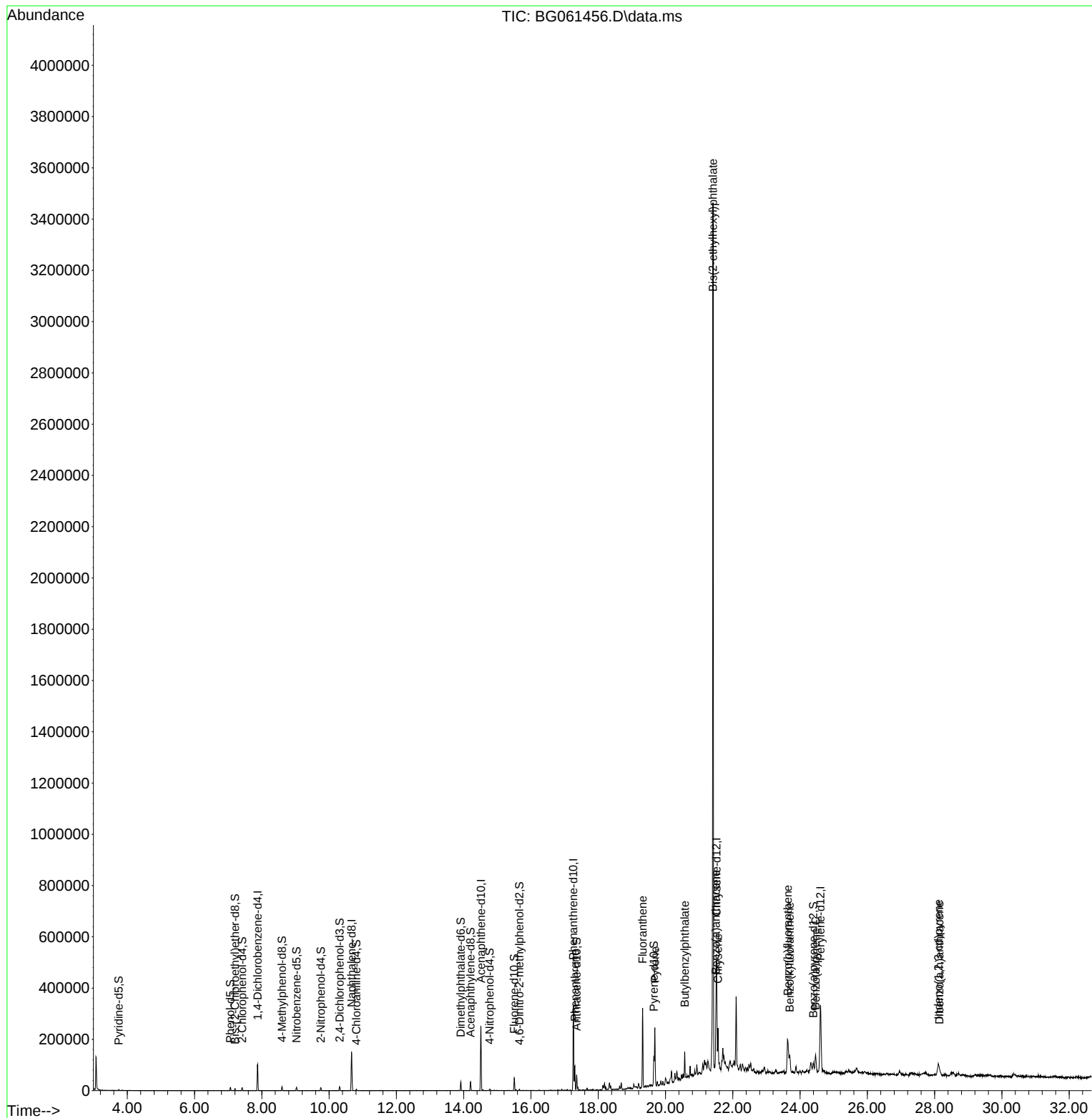
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061456.D
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ALS Vial : 8 Sample Multiplier: 1

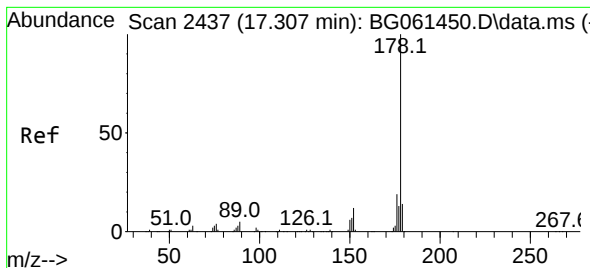
Instrument :
BNA_G
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#72

Phenanthrene

Concen: 5.618 ng/uI

RT: 17.306 min Scan# 2437

Delta R.T. 0.007 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

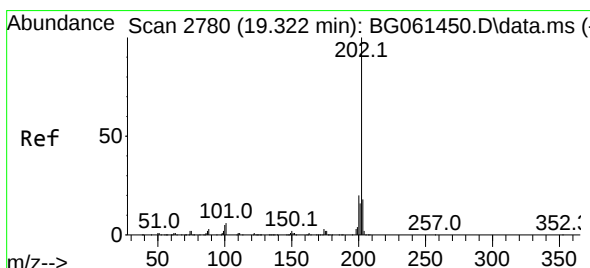
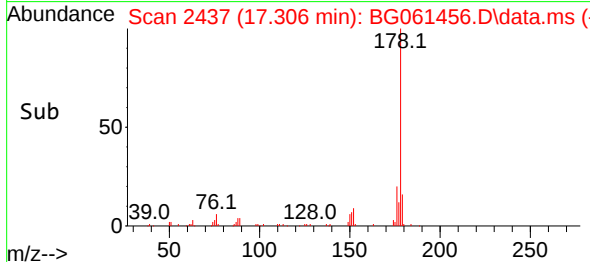
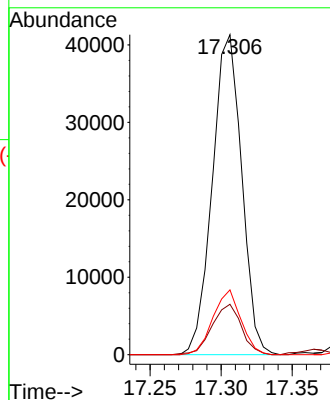
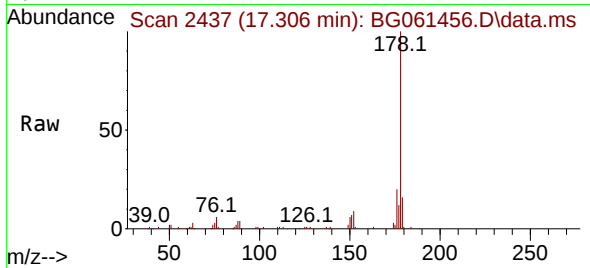
BHBW4DL

Tgt Ion:	178	Resp:	5936
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.7	19.1
176	20.3	15.5	23.3

Manual Integrations

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#80

Fluoranthene

Concen: 13.401 ng/uI

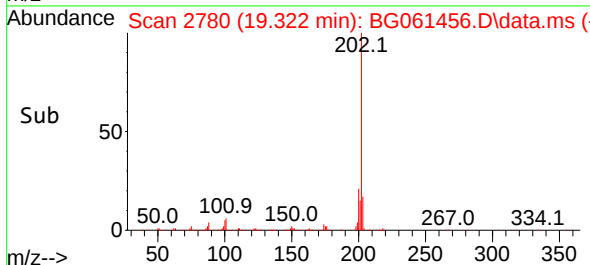
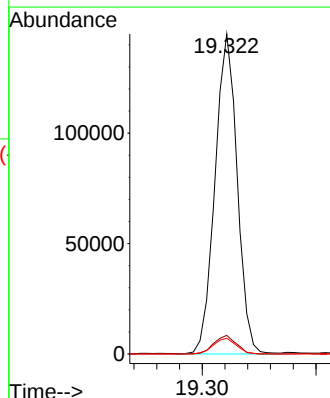
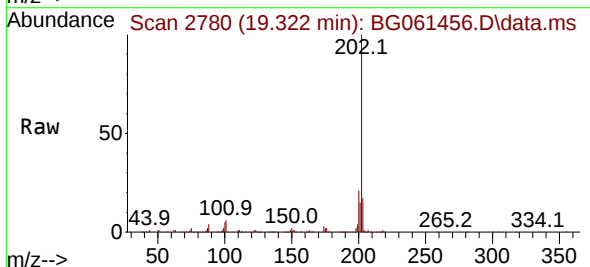
RT: 19.322 min Scan# 2780

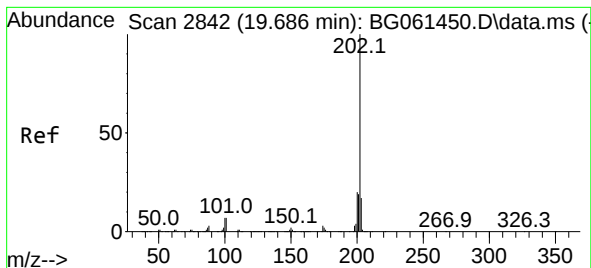
Delta R.T. 0.007 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Tgt Ion:	202	Resp:	196118
Ion Ratio	Lower	Upper	
202	100		
101	5.8	4.8	7.2
100	4.9	4.1	6.1





#82

Pyrene

Concen: 10.141 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

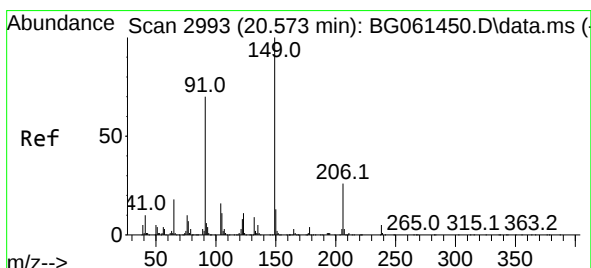
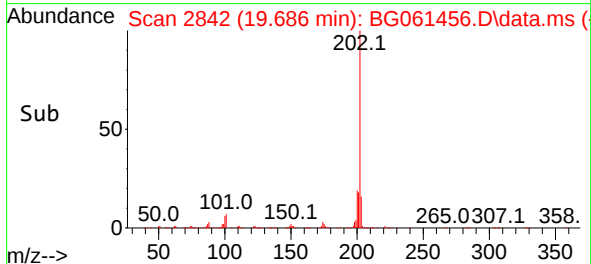
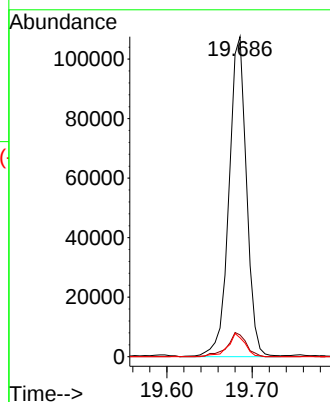
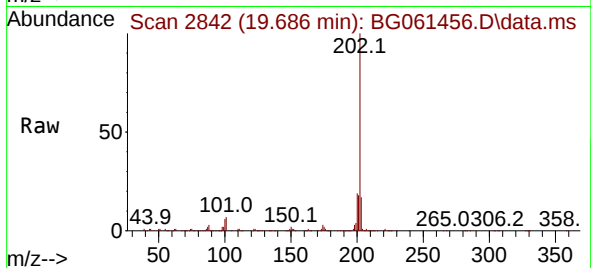
BHBW4DL

Tgt Ion:	202	Resp:	154050
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.7	8.5
100	5.9	5.1	7.7

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 5.611 ng/ul

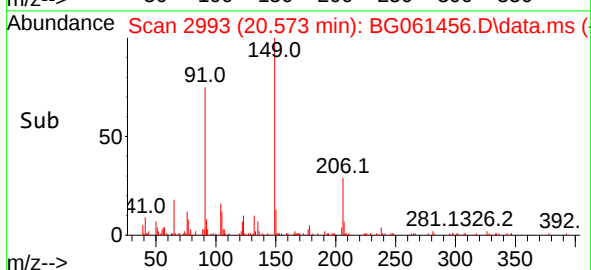
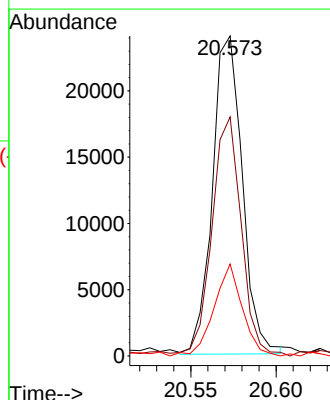
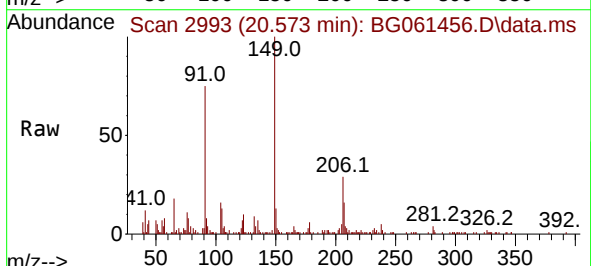
RT: 20.573 min Scan# 2993

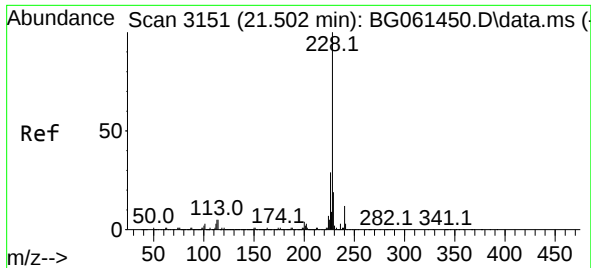
Delta R.T. 0.001 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

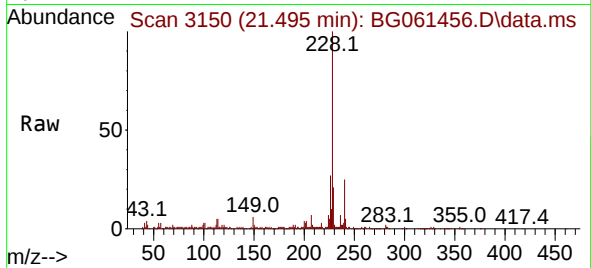
Tgt Ion:	149	Resp:	29281
Ion Ratio	Lower	Upper	
149	100		
91	74.7	54.8	82.2
206	28.7	19.4	29.0





#85
Benzo(a)anthracene
Concen: 6.452 ng/ul
RT: 21.495 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG061456.D
Acq: 4 Jun 2024 15:30

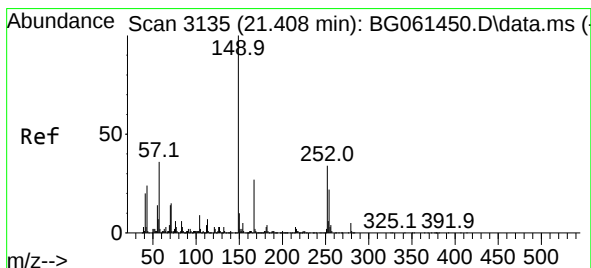
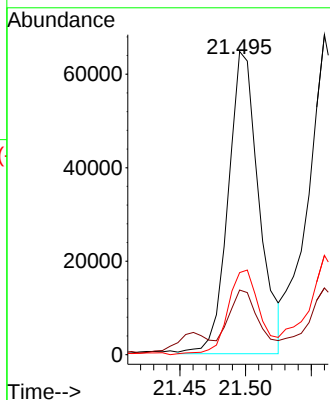
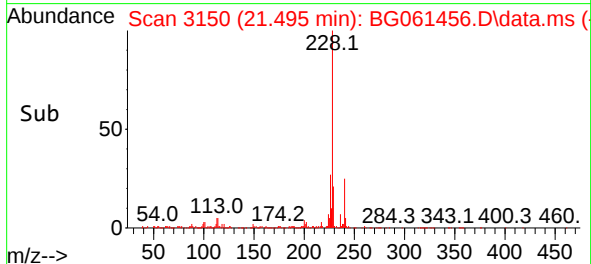
Instrument :
BNA_G
ClientSampleId :
BHBW4DL



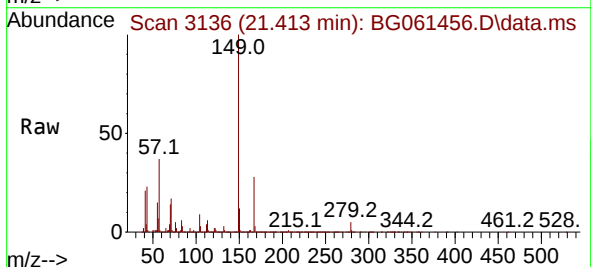
Tgt Ion:228 Resp: 105768
Ion Ratio Lower Upper
228 100
229 21.3 15.2 22.8
226 27.1 21.4 32.2

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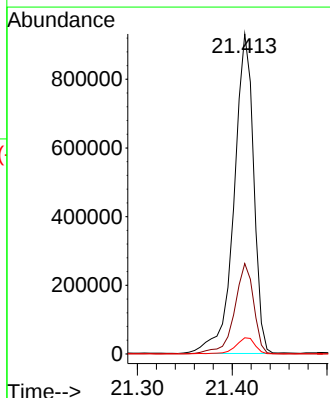
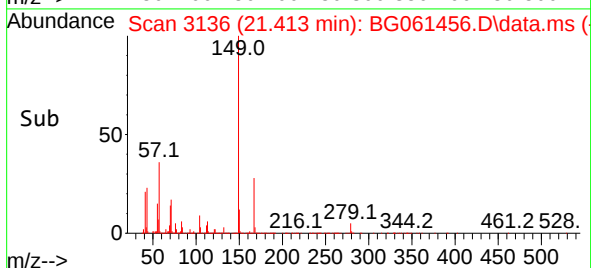
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

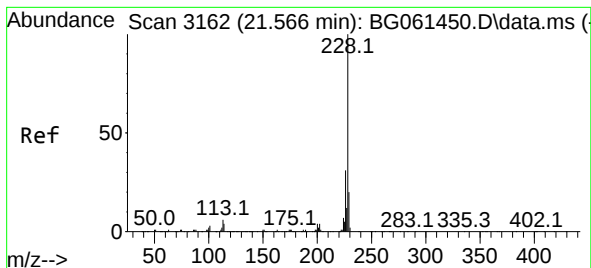


#86
Bis(2-ethylhexyl)phthalate
Concen: 172.558 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. 0.007 min
Lab File: BG061456.D
Acq: 4 Jun 2024 15:30



Tgt Ion:149 Resp: 1332882
Ion Ratio Lower Upper
149 100
167 28.2 21.1 31.7
279 5.1 3.3 4.9#





#87

Chrysene

Concen: 7.782 ng/ul

RT: 21.560 min Scan# 3162

Delta R.T. 0.007 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

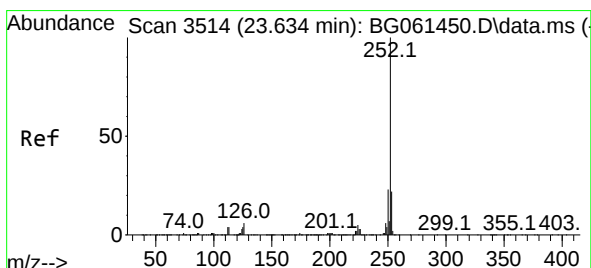
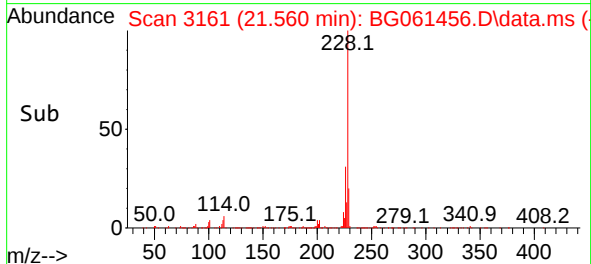
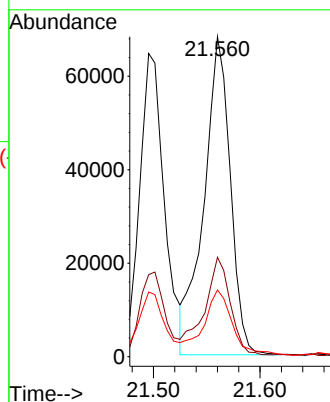
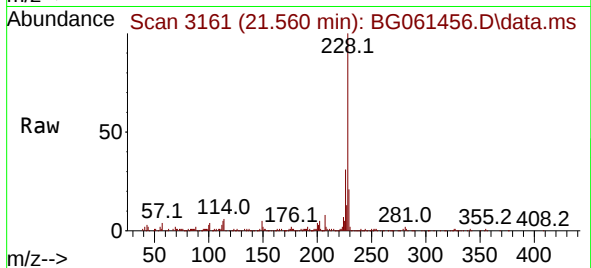
BHBW4DL

Tgt Ion:	228	Resp:	117462
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	20.8	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 9.911 ng/ul

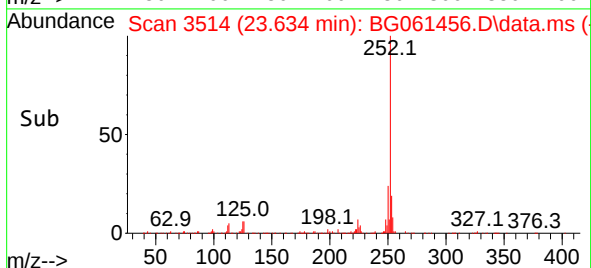
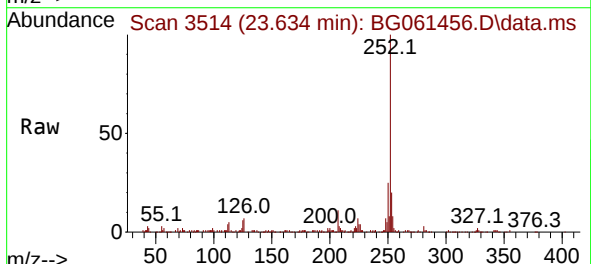
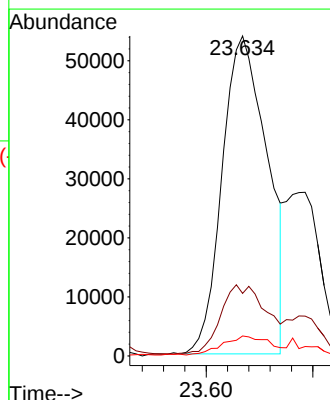
RT: 23.634 min Scan# 3514

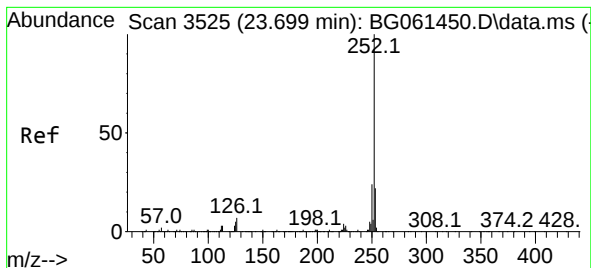
Delta R.T. 0.019 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Tgt Ion:	252	Resp:	158102
Ion Ratio	Lower	Upper	
252	100		
253	19.6	17.8	26.8
125	6.2	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 3.923 ng/ul m

RT: 23.693 min Scan# 3

Delta R.T. 0.013 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

BHBW4DL

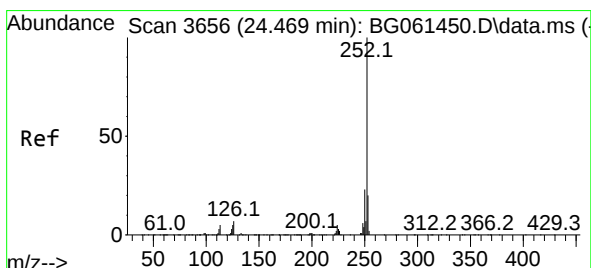
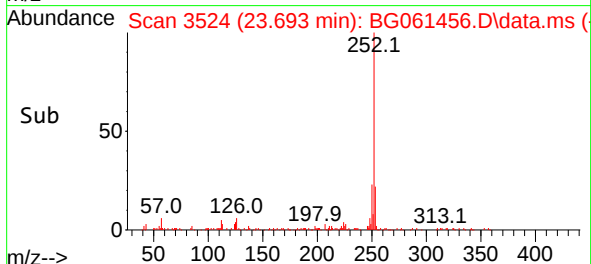
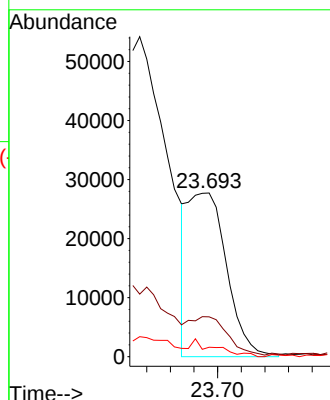
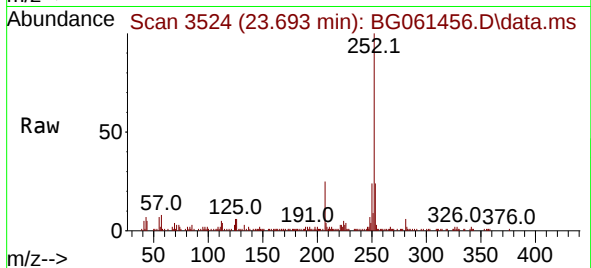
Tgt Ion:252 Resp: 63530

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0
125	5.7	4.3	6.5

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#93

Benzo(a)pyrene

Concen: 4.608 ng/ul

RT: 24.463 min Scan# 3655

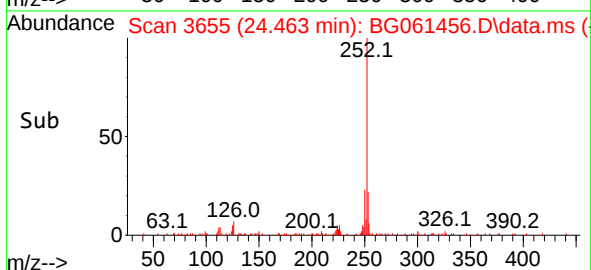
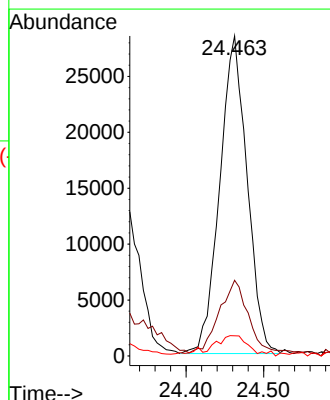
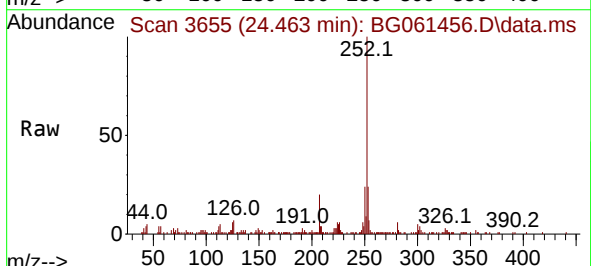
Delta R.T. 0.013 min

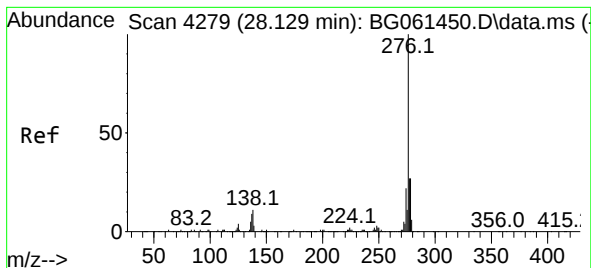
Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Tgt Ion:252 Resp: 69802

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.4	24.6
125	6.3	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.565 ng/ul

RT: 28.111 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Instrument :

BNA_G

ClientSampleId :

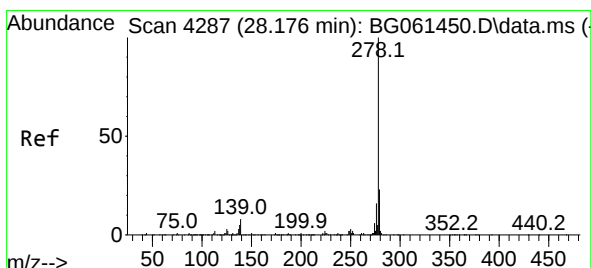
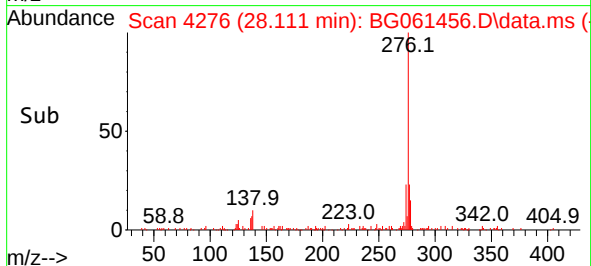
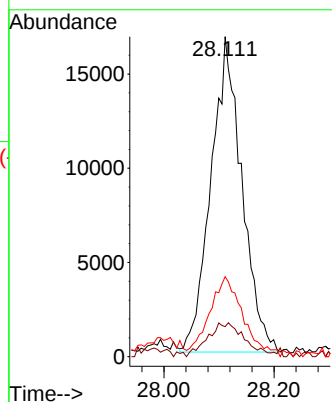
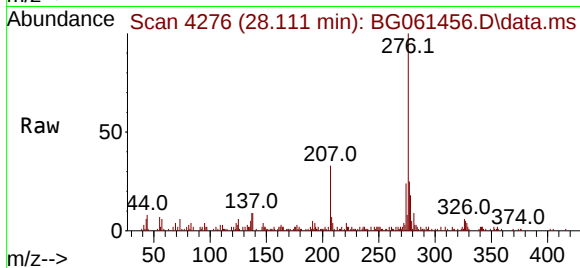
BHBW4DL

Tgt Ion:	276	Resp:	65304
Ion Ratio	Lower	Upper	
276	100		
138	9.4	8.6	13.0
277	25.0	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.342 ng/ul

RT: 28.146 min Scan# 4282

Delta R.T. 0.007 min

Lab File: BG061456.D

Acq: 4 Jun 2024 15:30

Tgt Ion:	278	Resp:	20270
Ion Ratio	Lower	Upper	
278	100		
139	10.1	6.4	9.6#
279	25.9	19.9	29.9

