

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061644.D
 Acq On : 22 Jun 2024 11:39
 Operator : MA/JU
 Sample : P2775-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C93

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:04:48 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	8.076	152	52155	20.000	ng/u1	0.00
20) Naphthalene-d8	10.890	136	266838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.703	164	189810	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	424589	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	357409	20.000	ng/u1	0.00
88) Perylene-d12	24.938	264	436087	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	7711	5.341	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.212	99	184123	32.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	104539	29.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	127524	32.822	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	139080	31.775	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	63547	35.074	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	70166	38.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.496	165	146175	33.641	ng/u1	0.00
31) 4-Chloroaniline-d4	11.025	131	26203	3.983	ng/u1	0.01
46) Dimethylphthalate-d6	14.110	166	443734	30.379	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	517444	32.325	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	74376	29.649	ng/u1	0.00
60) Fluorene-d10	15.690	176	400887	31.350	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	51879	28.574	ng/u1	0.00
73) Anthracene-d10	17.541	188	602276	31.076	ng/u1	0.00
81) Pyrene-d10	19.821	212	581856	29.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	428739	20.585	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.904	105	11595	1.609	ng/u1#	86
72) Phenanthrene	17.488	178	277014	12.401	ng/u1	97
74) Anthracene	17.576	178	51417	2.251	ng/u1	97
77) Carbazole	17.841	167	23719	1.223	ng/u1	98
80) Fluoranthene	19.492	202	495152	21.376	ng/u1	97
82) Pyrene	19.850	202	389188	15.801	ng/u1	98
85) Benzo(a)anthracene	21.689	228	251869	10.039	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.613	149	20985	1.592	ng/u1	98
87) Chrysene	21.754	228	249969	10.530	ng/u1	98
90) Benzo(b)fluoranthene	23.910	252	349257	13.323	ng/u1	96
91) Benzo(k)fluoranthene	23.969	252	113979	4.228	ng/u1	99
93) Benzo(a)pyrene	24.780	252	138526	5.489	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.616	276	125826m	4.001	ng/u1	
95) Dibenzo(a,h)anthracene	28.687	278	49392m	1.889	ng/u1	

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

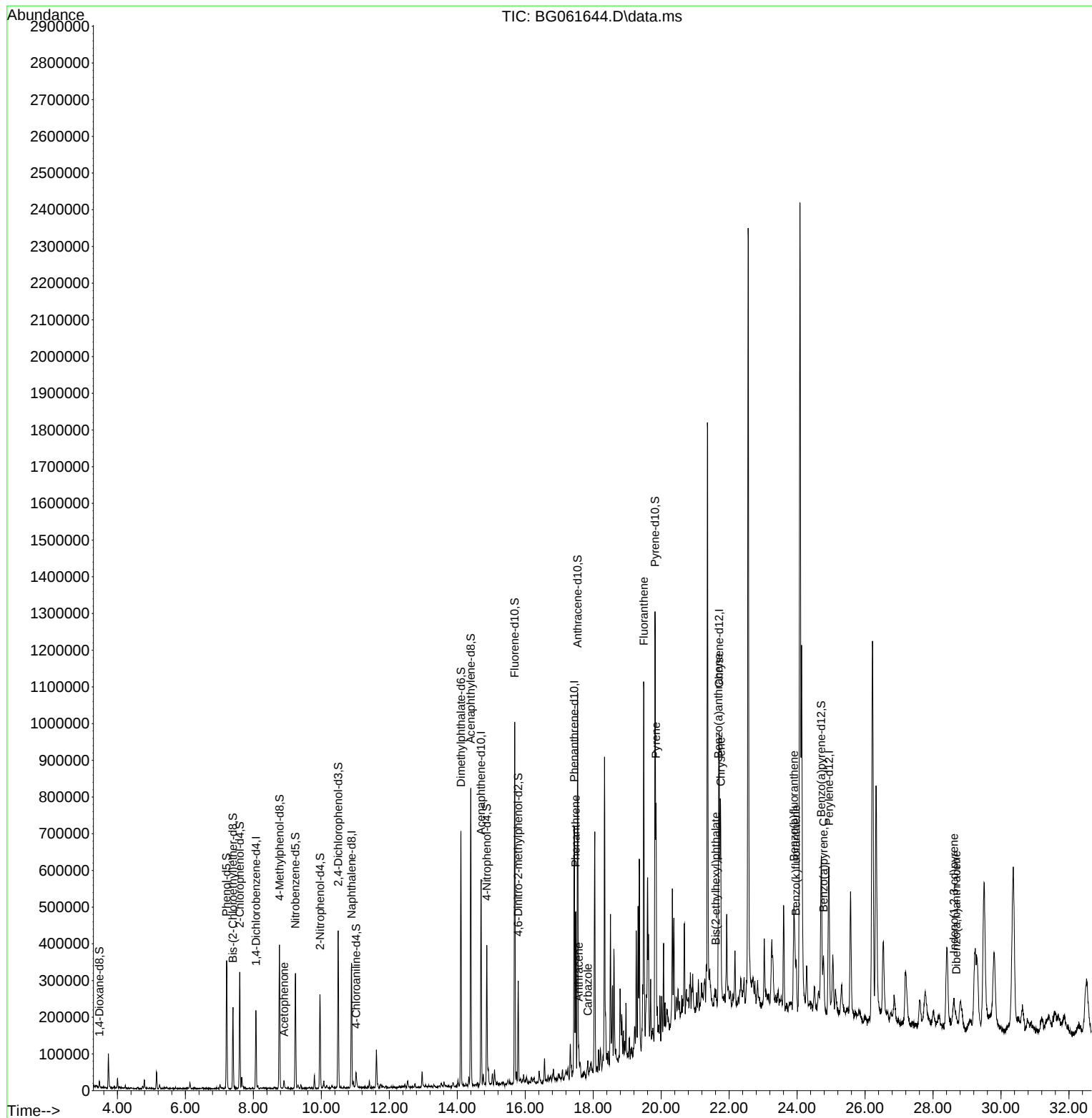
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061644.D
Acq On : 22 Jun 2024 11:39
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

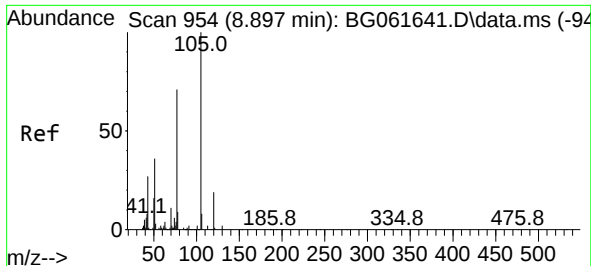
Instrument :
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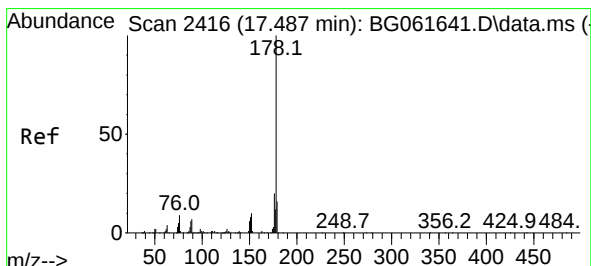
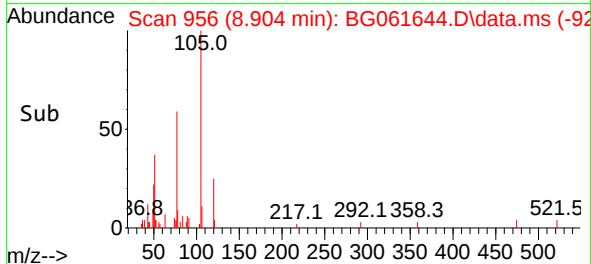
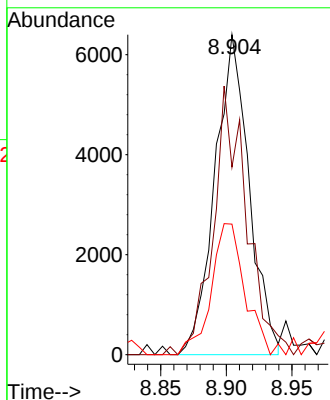
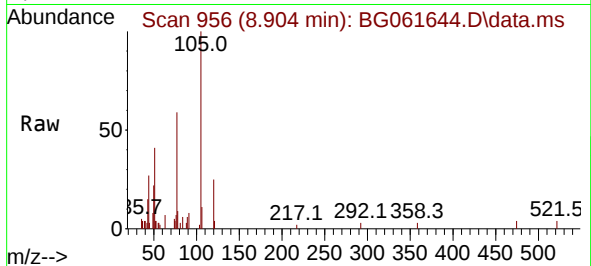
#16
Acetophenone
Concen: 1.609 ng/ul
RT: 8.904 min Scan# 915
Delta R.T. 0.005 min
Lab File: BG061644.D
Acq: 22 Jun 2024 11:39

Instrument :
BNA_G
ClientSampleId :
A4C93

Tgt Ion:105 Resp: 1159
Ion Ratio Lower Upper
105 100
77 58.6 60.4 90.6
51 40.8 31.1 46.7

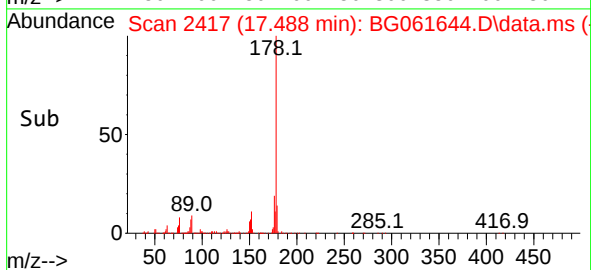
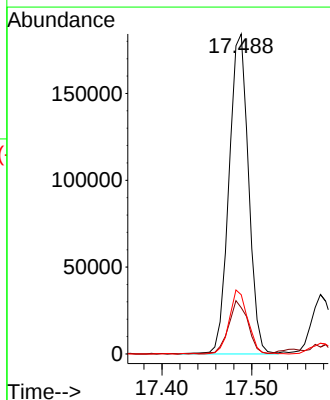
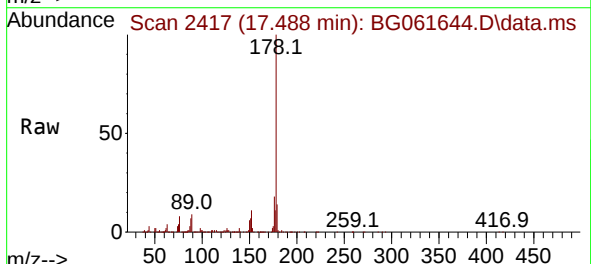
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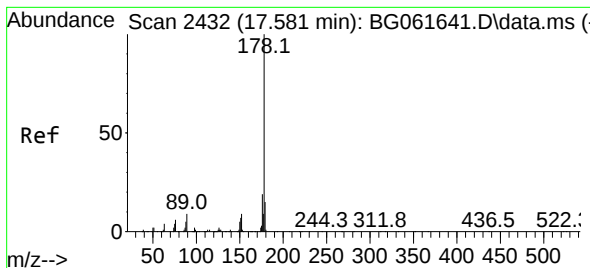
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Phenanthrene
Concen: 12.401 ng/ul
RT: 17.488 min Scan# 2417
Delta R.T. -0.001 min
Lab File: BG061644.D
Acq: 22 Jun 2024 11:39

Tgt Ion:178 Resp: 277014
Ion Ratio Lower Upper
178 100
179 14.4 12.0 18.0
176 18.5 16.2 24.2





#74

Anthracene

Concen: 2.251 ng/ul

RT: 17.576 min Scan# 2432

Delta R.T. -0.001 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Instrument :

BNA_G

ClientSampleId :

A4C93

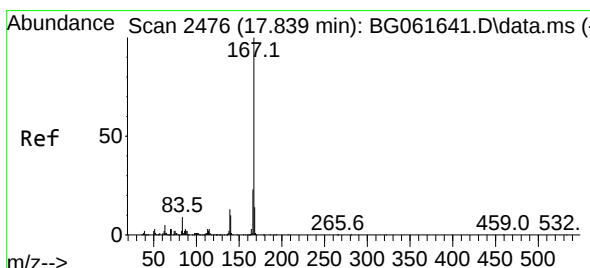
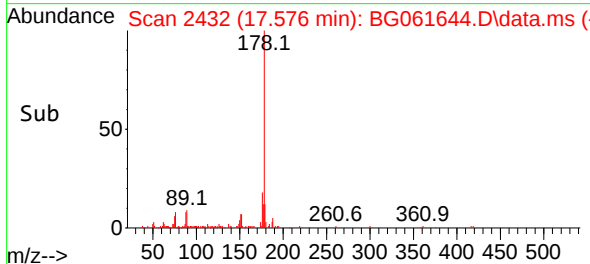
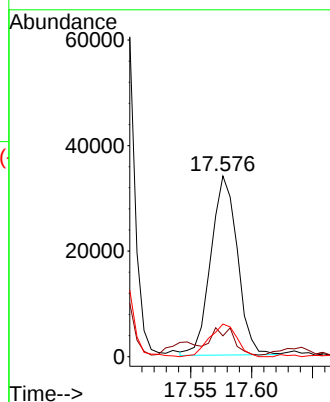
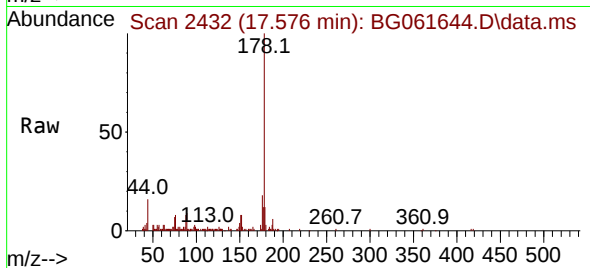
Tgt Ion:	178	Resp:	5141
Ion Ratio	Lower	Upper	
178	100		
179	11.5	11.4	17.2
176	18.1	14.7	22.1

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#77

Carbazole

Concen: 1.223 ng/ul

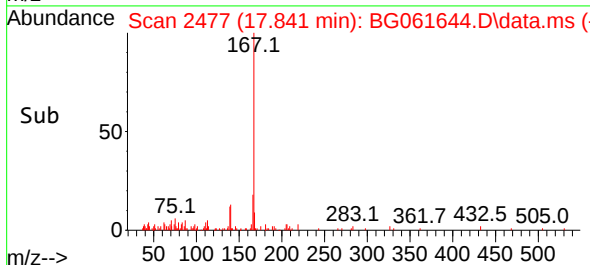
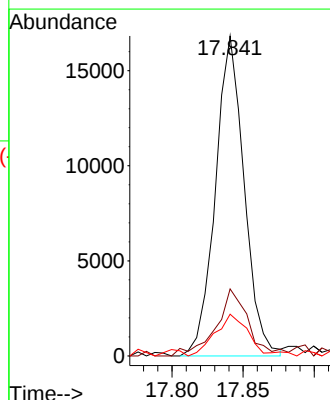
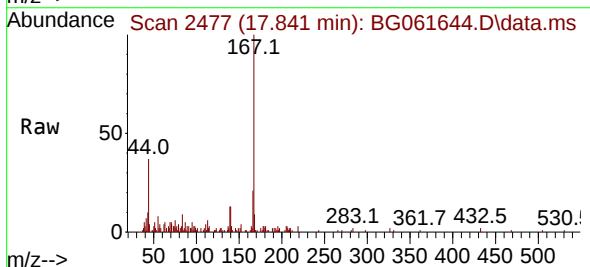
RT: 17.841 min Scan# 2477

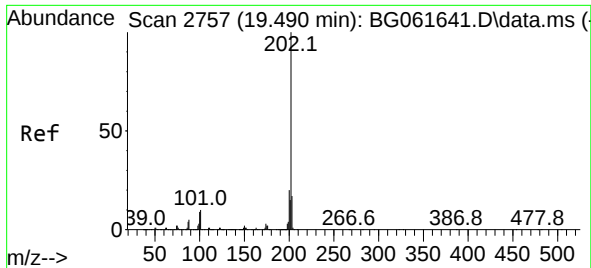
Delta R.T. -0.001 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

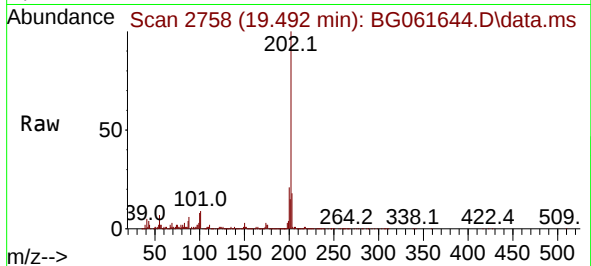
Tgt Ion:	167	Resp:	23719
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.5	26.3
139	13.1	9.4	14.2





#80
Fluoranthene
Concen: 21.376 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG061644.D
Acq: 22 Jun 2024 11:39

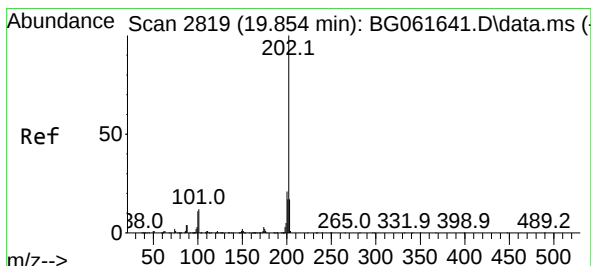
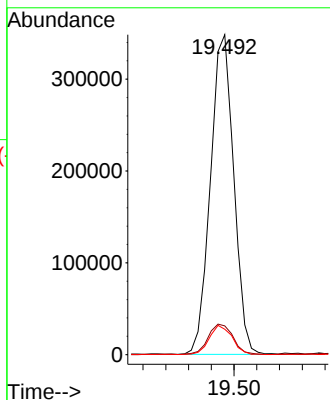
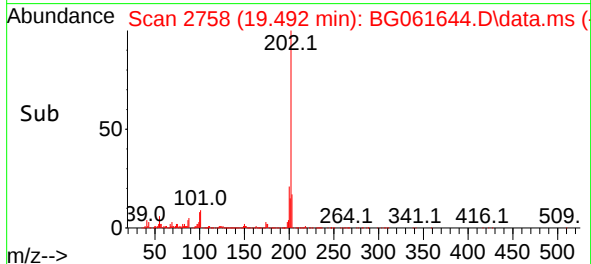
Instrument :
BNA_G
ClientSampleId :
A4C93



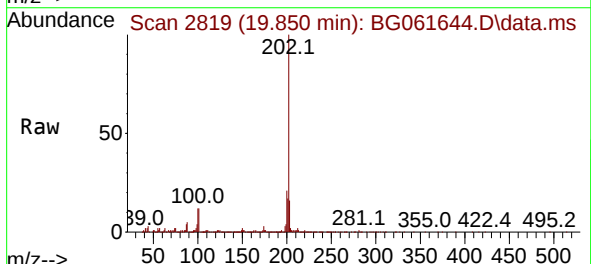
Tgt Ion:202 Resp: 495152
Ion Ratio Lower Upper
202 100
101 9.0 7.8 11.6
100 8.0 7.7 11.5

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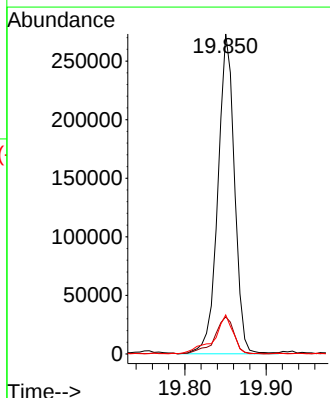
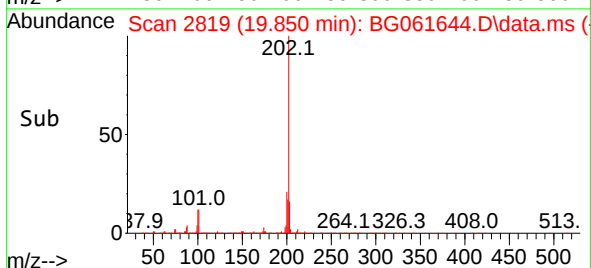
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

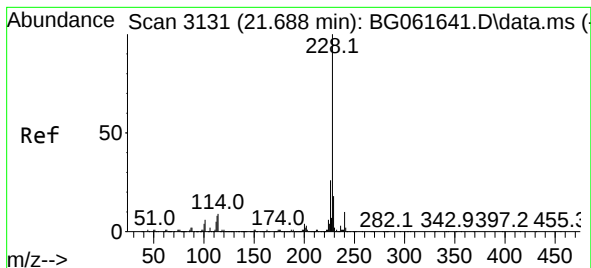


#82
Pyrene
Concen: 15.801 ng/ul
RT: 19.850 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG061644.D
Acq: 22 Jun 2024 11:39



Tgt Ion:202 Resp: 389188
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 12.2 9.9 14.9





#85

Benzo(a)anthracene

Concen: 10.039 ng/ul

RT: 21.689 min Scan# 3131

Delta R.T. -0.001 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Instrument :

BNA_G

ClientSampleId :

A4C93

Tgt Ion:228 Resp: 251869

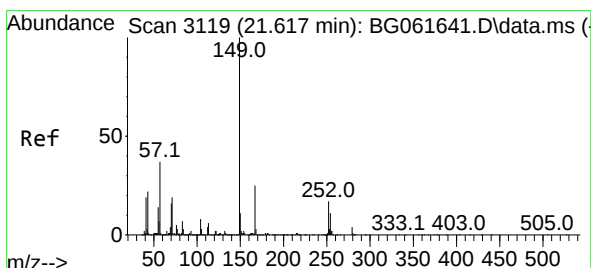
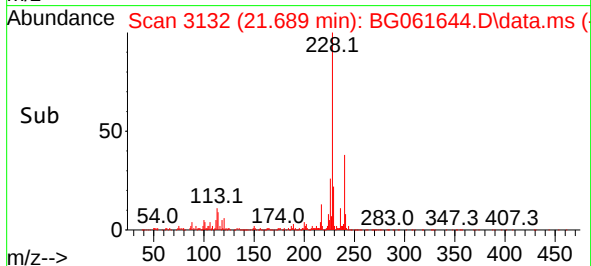
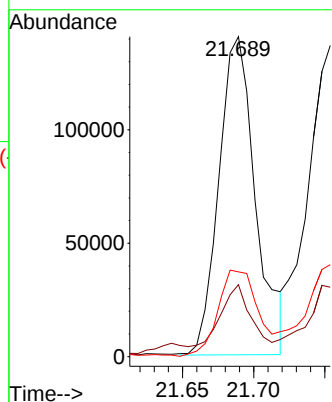
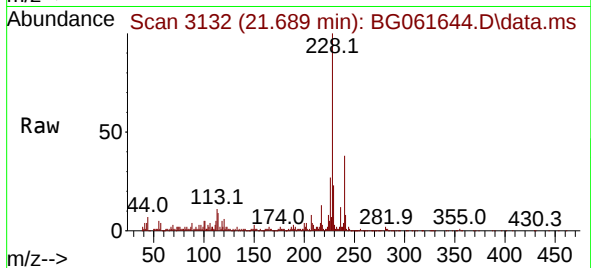
Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	26.5	21.4	32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.592 ng/ul

RT: 21.613 min Scan# 3119

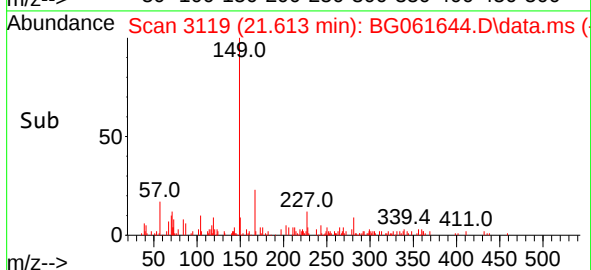
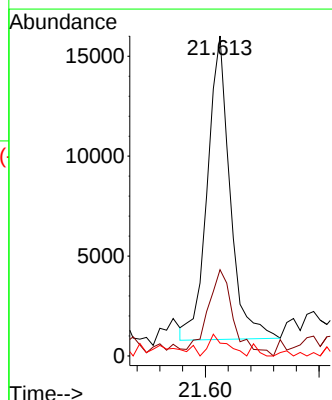
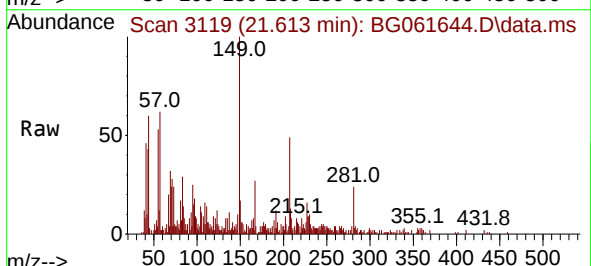
Delta R.T. -0.012 min

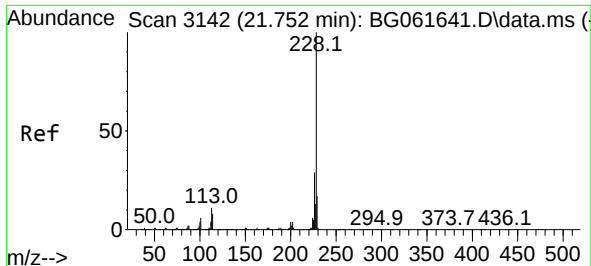
Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Tgt Ion:149 Resp: 20985

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.5	30.7
279	4.0	2.9	4.3





#87

Chrysene

Concen: 10.530 ng/u1

RT: 21.754 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

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ClientSampleId :

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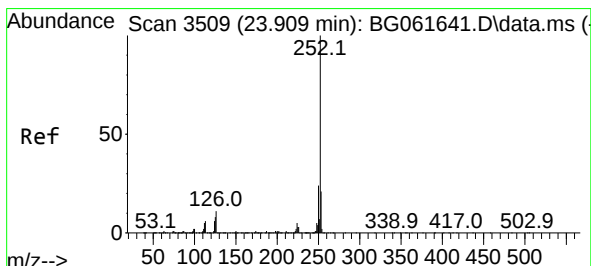
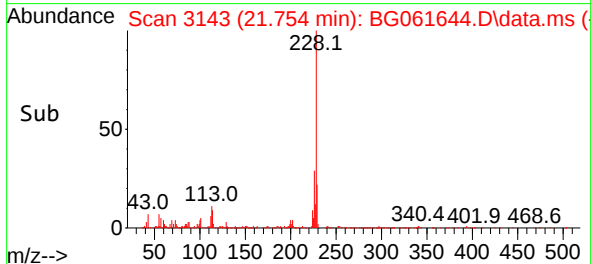
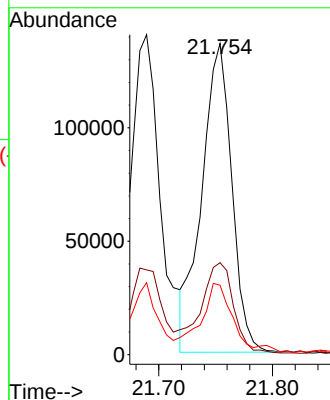
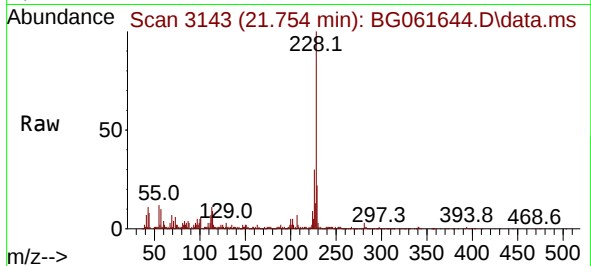
Tgt Ion:228 Resp: 249969
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 22.3 16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 13.323 ng/u1

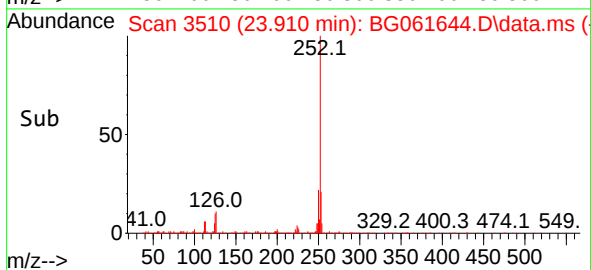
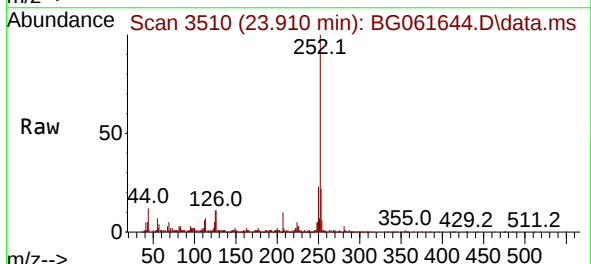
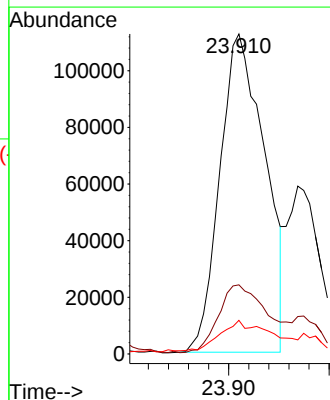
RT: 23.910 min Scan# 3510

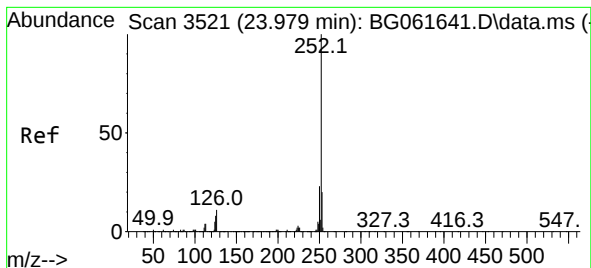
Delta R.T. -0.006 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Tgt Ion:252 Resp: 349257
Ion Ratio Lower Upper
252 100
253 21.6 18.6 27.8
125 10.5 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 4.228 ng/ul

RT: 23.969 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Instrument :

BNA_G

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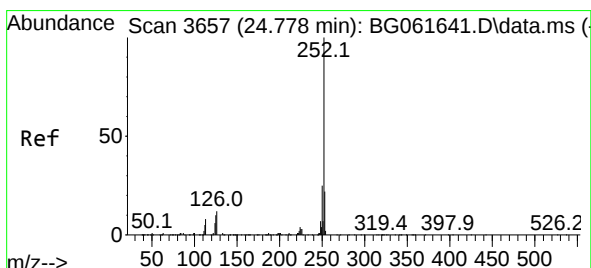
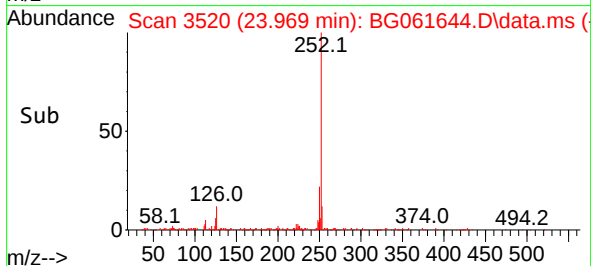
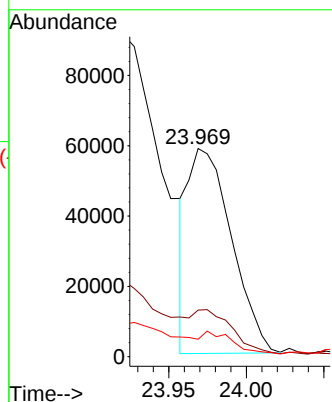
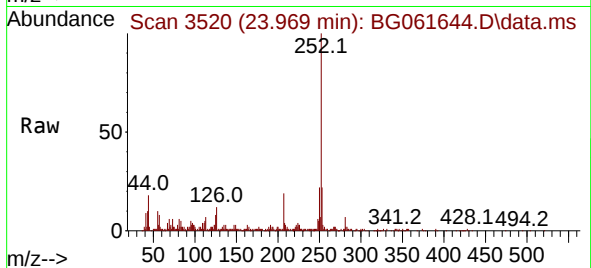
Tgt Ion:252 Resp: 113979
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 8.4 6.2 9.2

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#93

Benzo(a)pyrene

Concen: 5.489 ng/ul

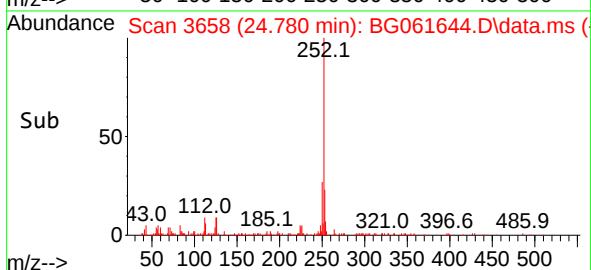
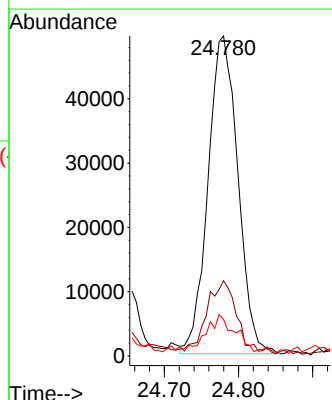
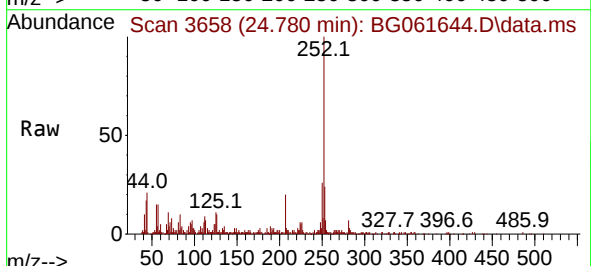
RT: 24.780 min Scan# 3658

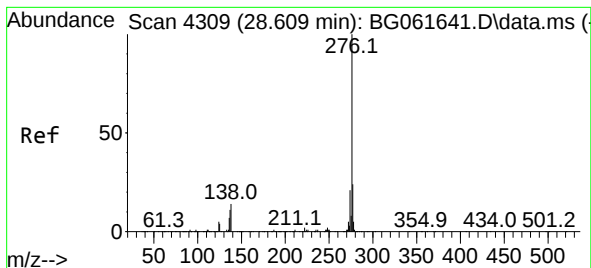
Delta R.T. -0.012 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Tgt Ion:252 Resp: 138526
 Ion Ratio Lower Upper
 252 100
 253 23.5 16.8 25.2
 125 11.5 6.5 9.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.001 ng/ul m

RT: 28.616 min Scan# 4311

Delta R.T. -0.001 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

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BNA_G

ClientSampleId :

A4C93

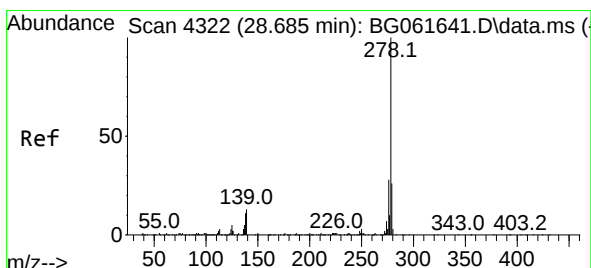
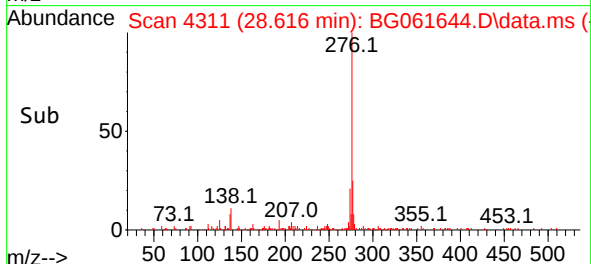
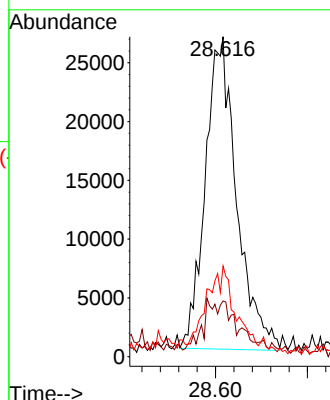
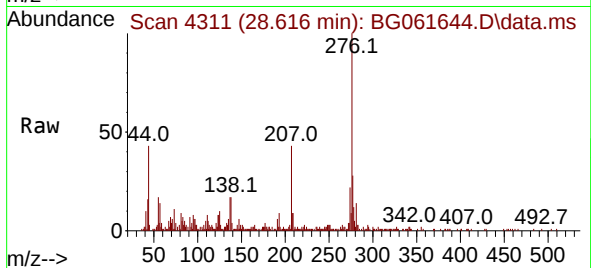
Tgt Ion:	276	Resp:	125820
Ion Ratio	Lower	Upper	
276	100		
138	17.4	12.2	18.4
277	28.4	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.889 ng/ul m

RT: 28.687 min Scan# 4323

Delta R.T. -0.012 min

Lab File: BG061644.D

Acq: 22 Jun 2024 11:39

Tgt Ion:	278	Resp:	49392
Ion Ratio	Lower	Upper	
278	100		
139	14.1	9.1	13.7#
279	37.4	18.6	28.0#

