

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061423.D
 Acq On : 3 Jun 2024 14:44
 Operator : MA/JU
 Sample : P2577-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 15:30:39 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	7.871	152	40224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	155282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	122980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	298907	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	317779	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	366754	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2596	3.612	ng/uL	0.00
4) Pyridine-d5	3.746	84	9337	3.651	ng/u1	0.00
7) Phenol-d5	7.060	99	58490	17.707	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	38719	18.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	48972	20.032	ng/u1	0.00
15) 4-Methylphenol-d8	8.588	113	45464	16.141	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	26700	22.333	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	29000	20.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	57486	21.074	ng/u1	0.00
31) 4-Chloroaniline-d4	10.803	131	33314	9.335	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	200766	21.049	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	217920	21.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	17281	14.655	ng/u1	0.01
60) Fluorene-d10	15.503	176	179701	21.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	29118	16.106	ng/u1	0.00
73) Anthracene-d10	17.360	188	299616	22.736	ng/u1	0.00
81) Pyrene-d10	19.651	212	374464	22.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	400845	22.734	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	153706	10.595	ng/u1	98
74) Anthracene	17.389	178	25116	1.674	ng/u1	98
77) Carbazole	17.665	167	15051	1.234	ng/u1	99
78) Di-n-butylphthalate	18.223	149	15866	1.038	ng/u1	97
80) Fluoranthene	19.316	202	415983	21.252	ng/u1	99
82) Pyrene	19.680	202	383194	18.860	ng/u1	99
83) Butylbenzylphthalate	20.568	149	17579	2.519	ng/u1	97
85) Benzo(a)anthracene	21.496	228	226522	10.331	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	158967	15.387	ng/u1#	99
87) Chrysene	21.561	228	240108	11.892	ng/u1	97
90) Benzo(b)fluoranthene	23.629	252	319305	14.623	ng/u1	100
91) Benzo(k)fluoranthene	23.682	252	120510m	5.436	ng/u1	
93) Benzo(a)pyrene	24.457	252	218105	10.519	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.100	276	158307	6.313	ng/u1	98
95) Dibenzo(a,h)anthracene	28.129	278	42019	2.032	ng/u1#	93
96) Benzo(g,h,i)perylene	29.187	276	137680	6.902	ng/u1	95

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

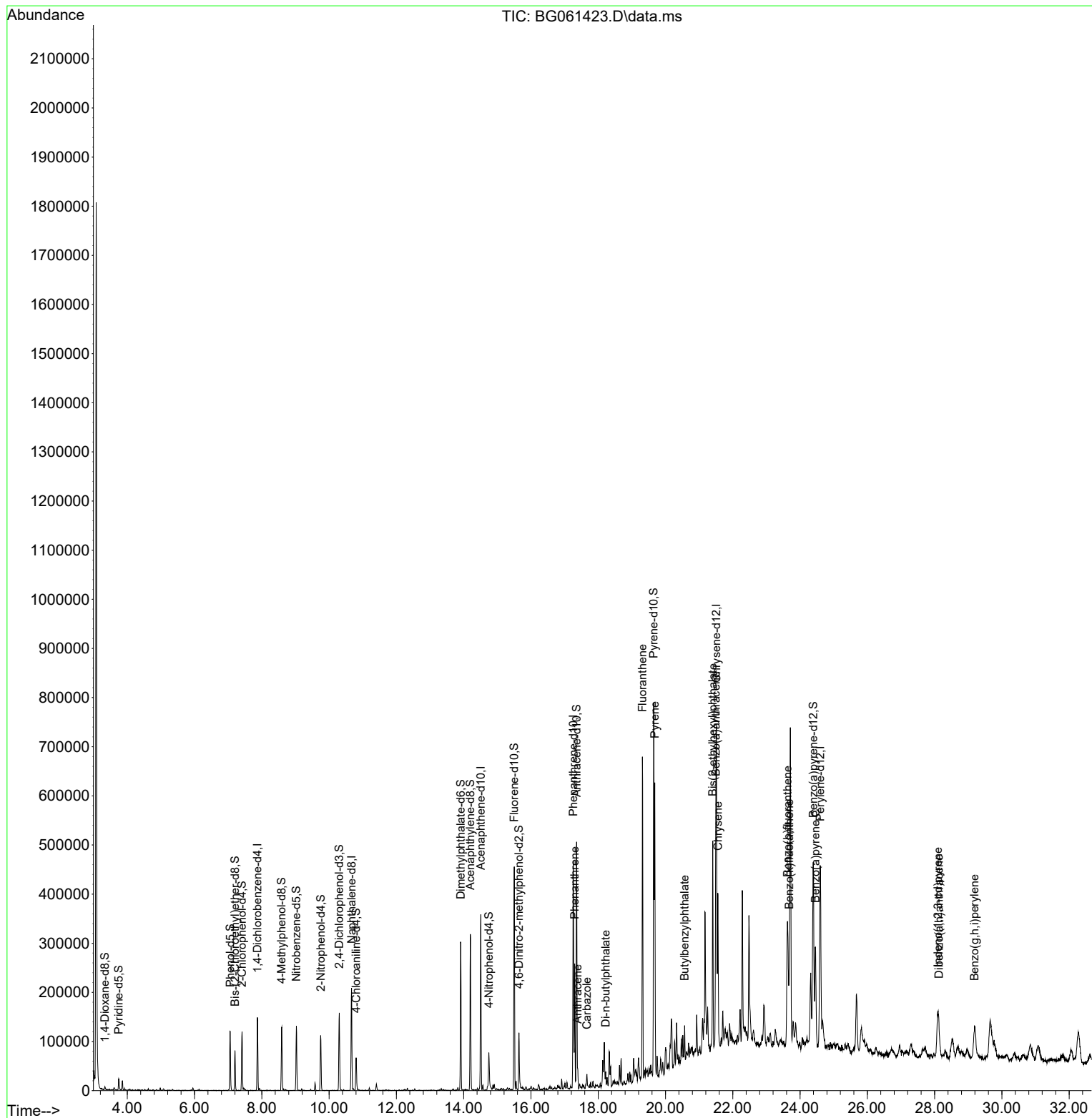
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061423.D
Acq On : 3 Jun 2024 14:44
Operator : MA/JU
Sample : P2577-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

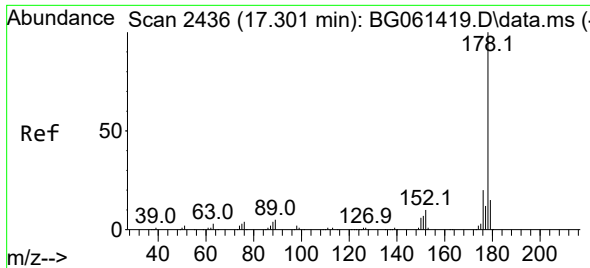
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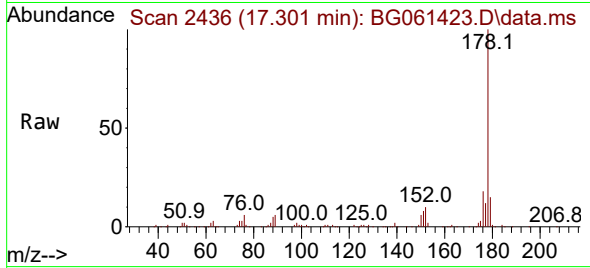
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.595 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44

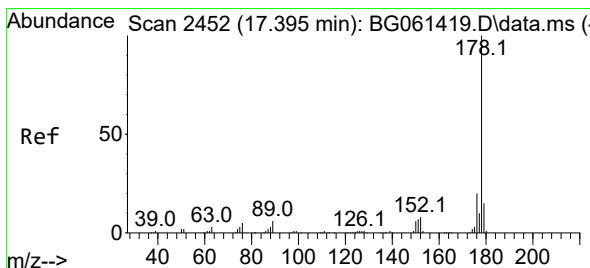
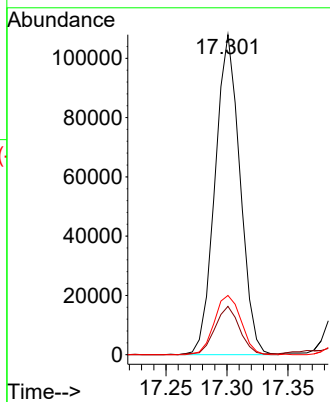
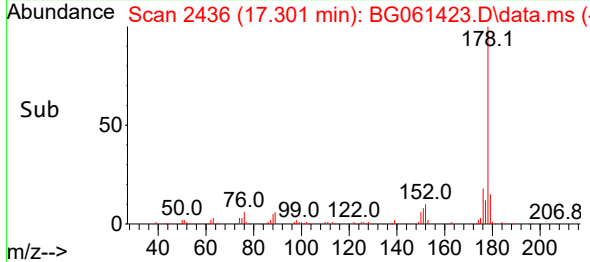
Instrument :
BNA_G
ClientSampleId :
BHBN3



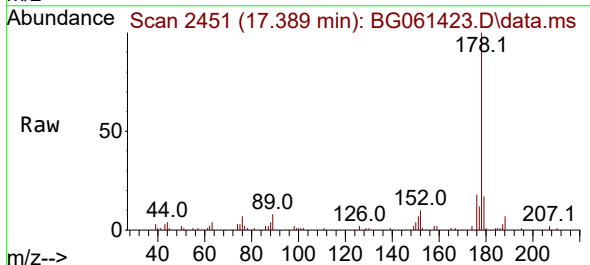
Tgt Ion:178 Resp: 153700
Ion Ratio Lower Upper
178 100
179 15.1 12.7 19.1
176 18.5 15.5 23.3

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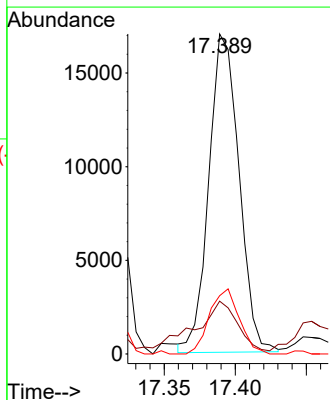
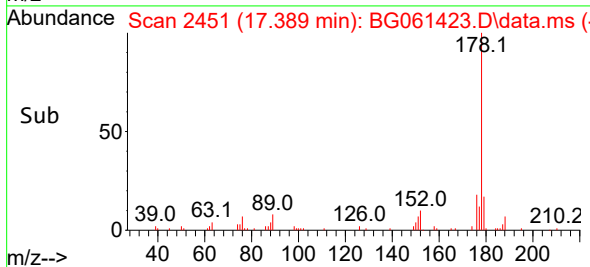
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

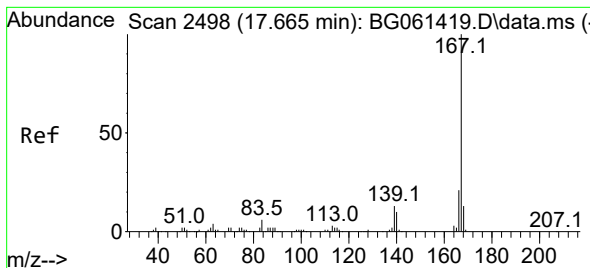


#74
Anthracene
Concen: 1.674 ng/ul
RT: 17.389 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44



Tgt Ion:178 Resp: 25116
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.6
176 18.2 14.9 22.3





#77

Carbazole

Concen: 1.234 ng/ul

RT: 17.665 min Scan# 2498

Delta R.T. 0.002 min

Lab File: BG061423.D

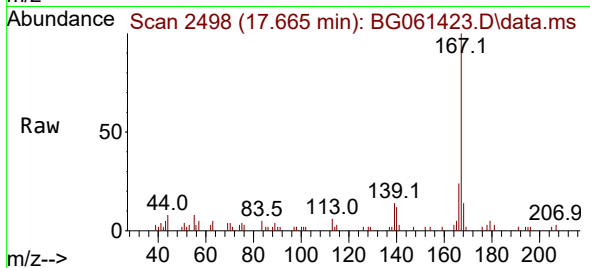
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Instrument :

BNA_G

ClientSampleId :

BHBN3

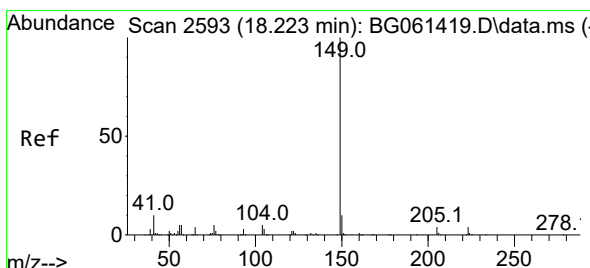
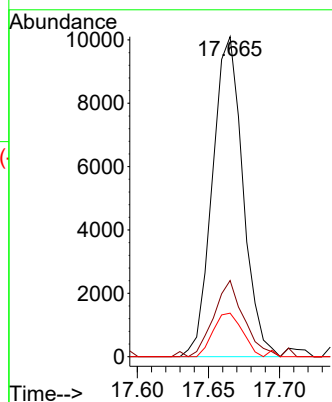
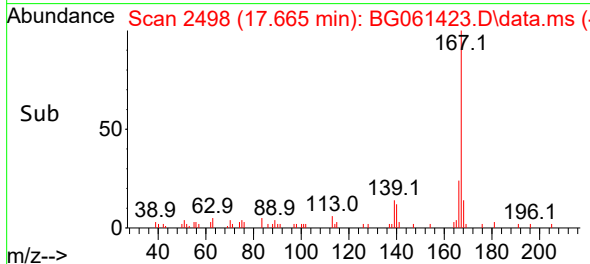


Tgt Ion:	167	Resp:	1505
Ion Ratio	Lower	Upper	
167	100		
166	23.8	18.6	28.0
139	13.6	10.6	15.8

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#78

Di-n-butylphthalate

Concen: 1.038 ng/ul

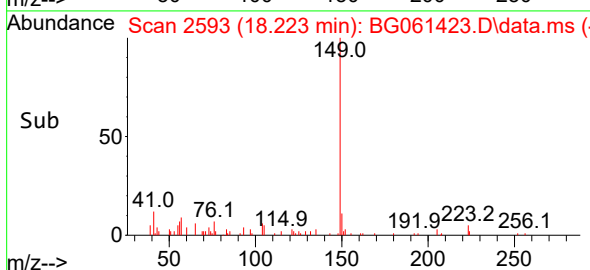
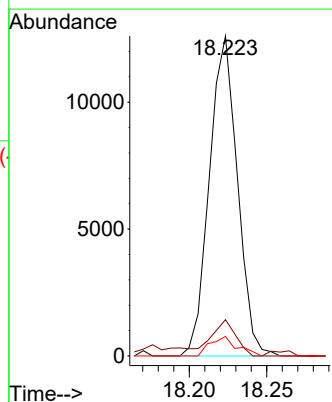
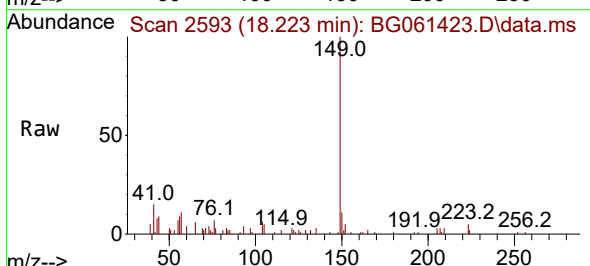
RT: 18.223 min Scan# 2593

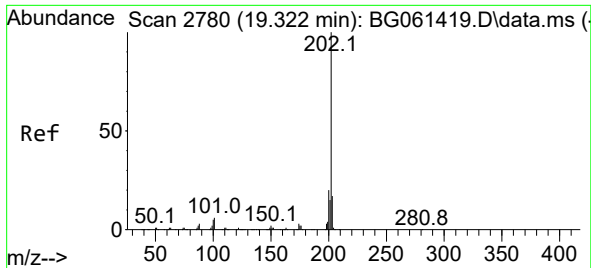
Delta R.T. 0.002 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

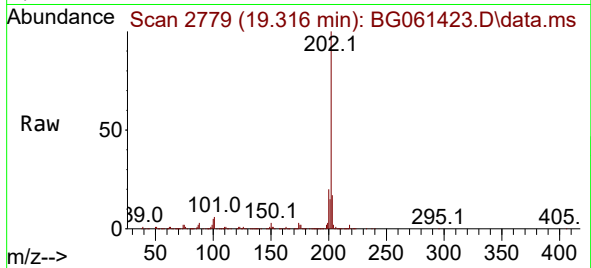
Tgt Ion:	149	Resp:	15866
Ion Ratio	Lower	Upper	
149	100		
150	11.3	7.8	11.8
104	6.1	4.8	7.2





#80
Fluoranthene
Concen: 21.252 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44

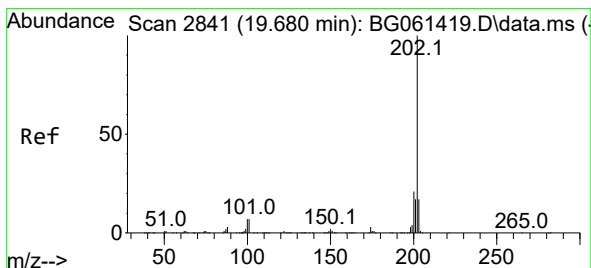
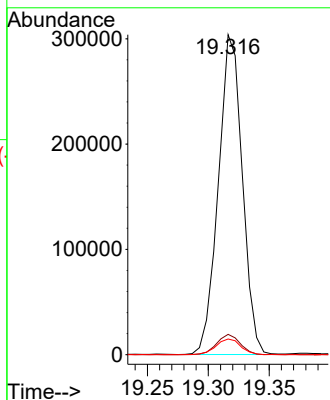
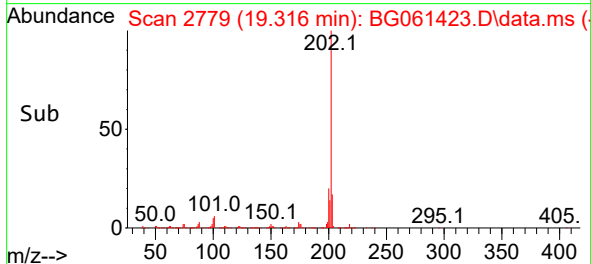
Instrument :
BNA_G
ClientSampleId :
BHBN3



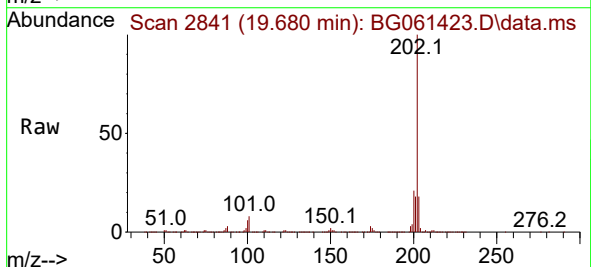
Tgt Ion:202 Resp: 41598
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 4.9 4.1 6.1

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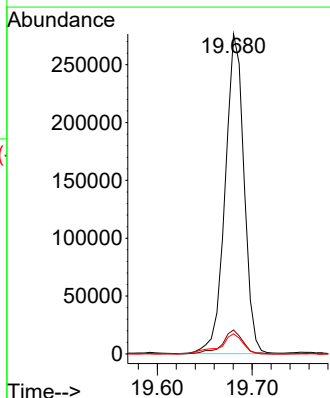
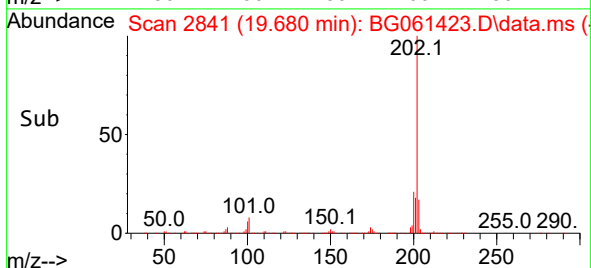
Reviewed By :Jagrut Upadhyay 06/04/2024
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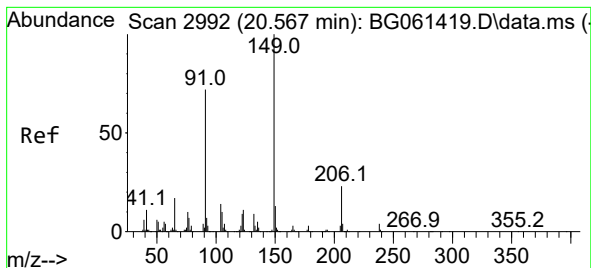


#82
Pyrene
Concen: 18.860 ng/ul
RT: 19.680 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44



Tgt Ion:202 Resp: 383194
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.3 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.519 ng/ul

RT: 20.568 min Scan# 2992

Delta R.T. -0.004 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Instrument :

BNA_G

ClientSampleId :

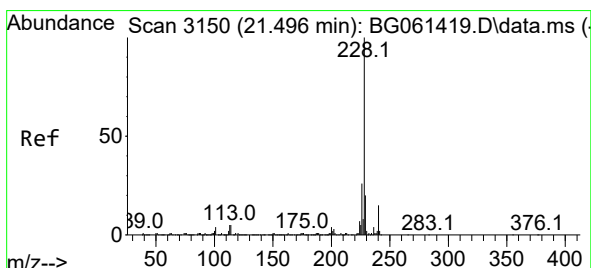
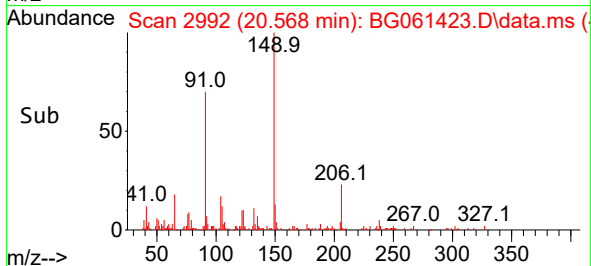
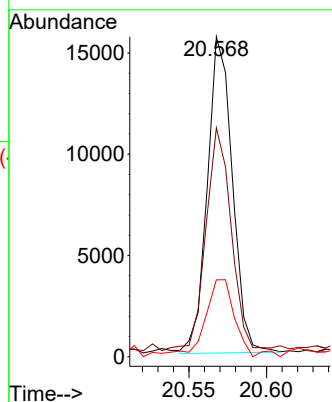
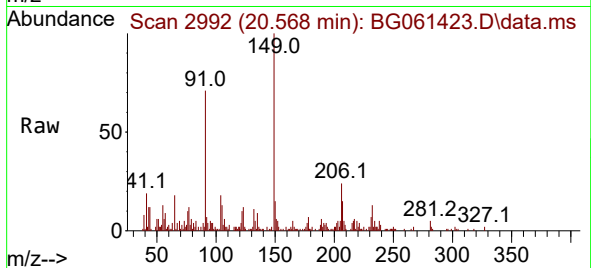
BHBN3

Tgt Ion:	149	Resp:	17579
Ion Ratio	Lower	Upper	
149	100		
91	71.5	54.8	82.2
206	24.0	19.4	29.0

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 10.331 ng/ul

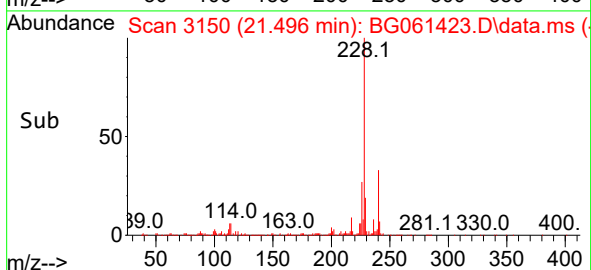
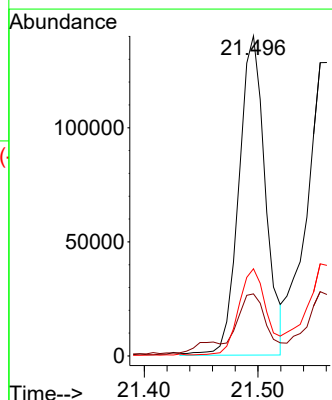
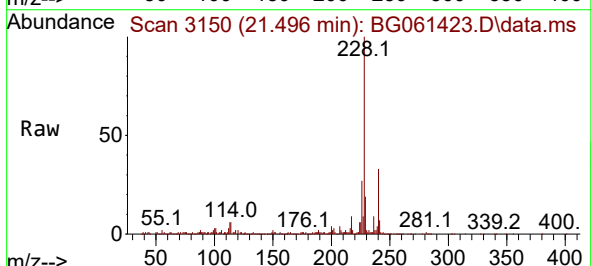
RT: 21.496 min Scan# 3150

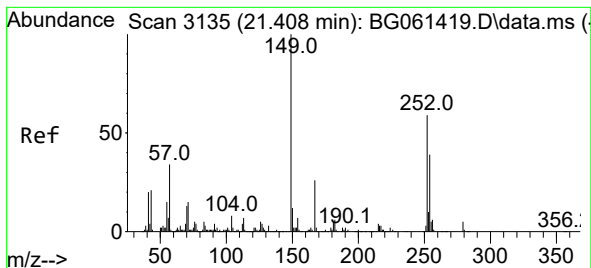
Delta R.T. 0.002 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

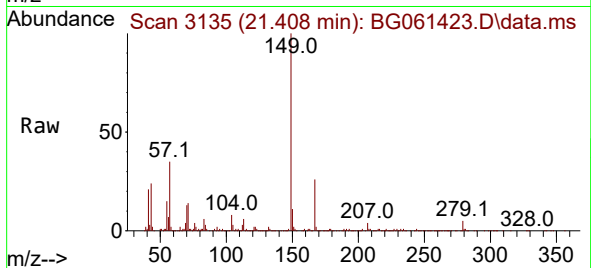
Tgt Ion:	228	Resp:	226522
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.2	22.8
226	27.3	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 15.387 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44

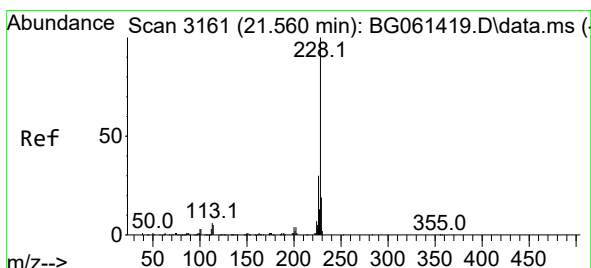
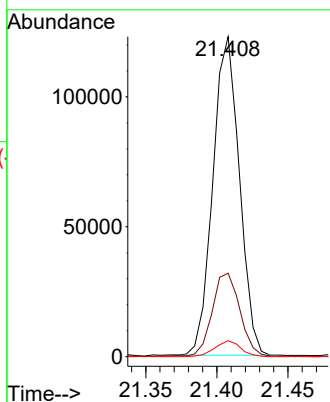
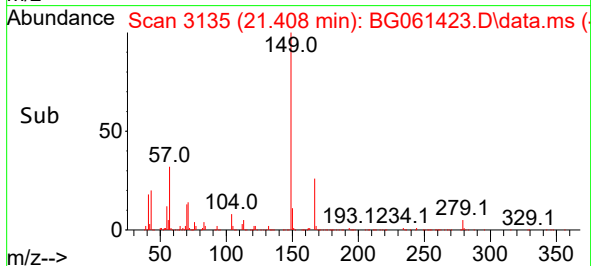
Instrument :
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BHBN3



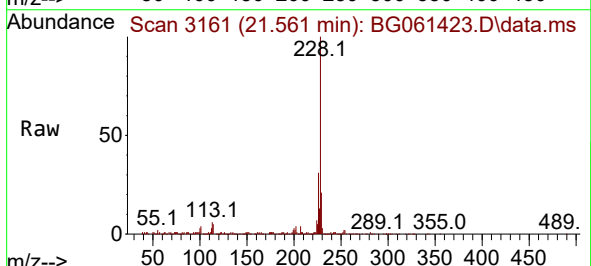
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Ion Ratio Lower Upper
149 100
167 26.1 21.1 31.7
279 5.0 3.3 4.9

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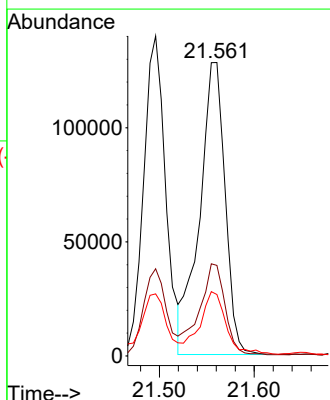
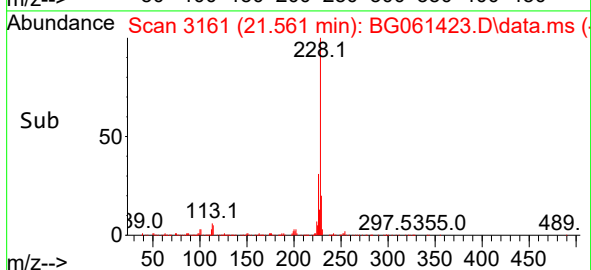
Reviewed By :Jagrut Upadhyay 06/04/2024
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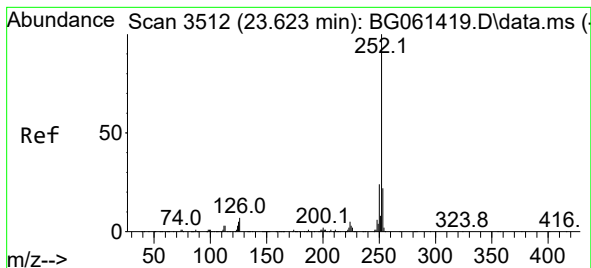


#87
Chrysene
Concen: 11.892 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061423.D
Acq: 3 Jun 2024 14:44



Tgt Ion:228 Resp: 240108
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.0
229 20.9 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 14.623 ng/ul

RT: 23.629 min Scan# 3513

Delta R.T. 0.013 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Instrument :

BNA_G

ClientSampleId :

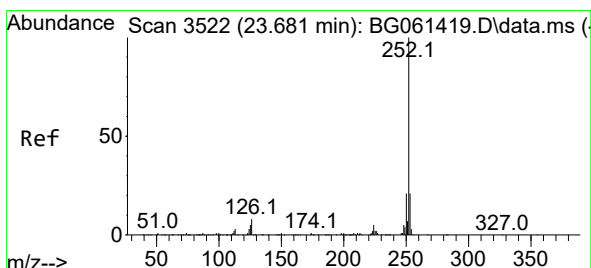
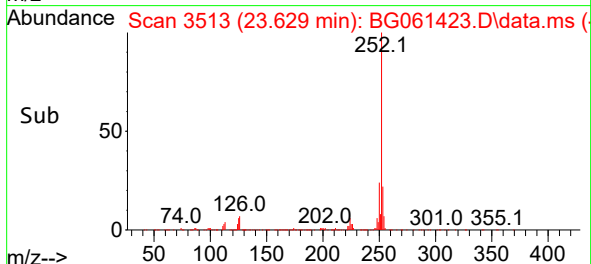
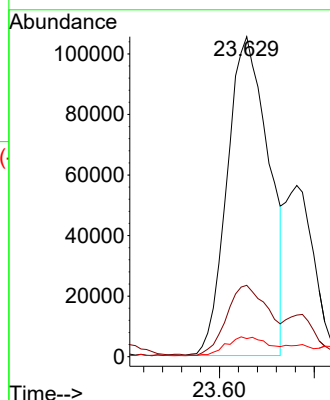
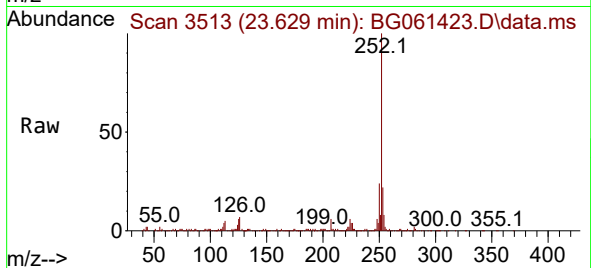
BHBN3

Tgt Ion:252 Resp: 319305
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 5.7 4.6 6.8

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#91

Benzo(k)fluoranthene

Concen: 5.436 ng/ul m

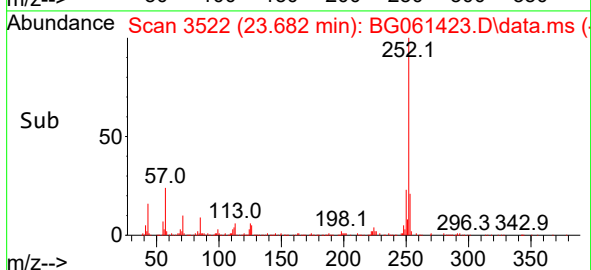
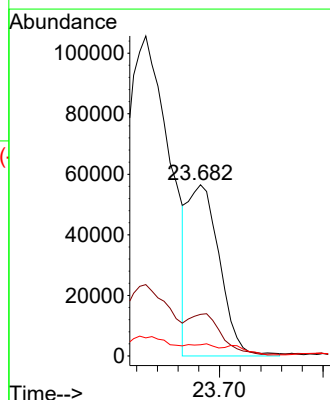
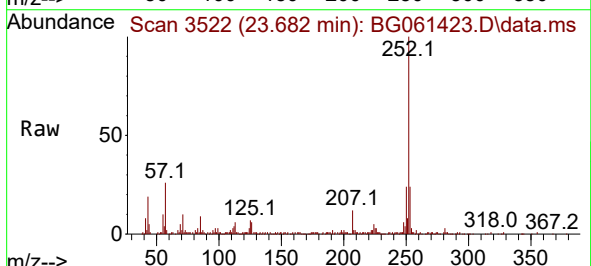
RT: 23.682 min Scan# 3522

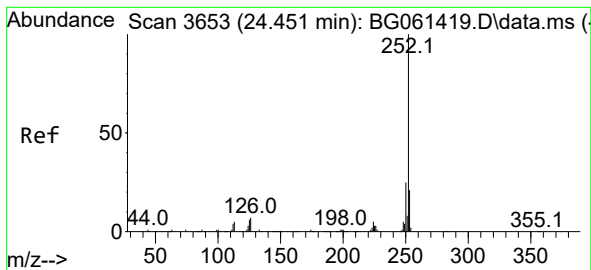
Delta R.T. 0.002 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Tgt Ion:252 Resp: 120510
 Ion Ratio Lower Upper
 252 100
 253 24.3 16.0 24.0#
 125 6.5 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 10.519 ng/ul

RT: 24.457 min Scan# 3653

Delta R.T. 0.007 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Instrument :

BNA_G

ClientSampleId :

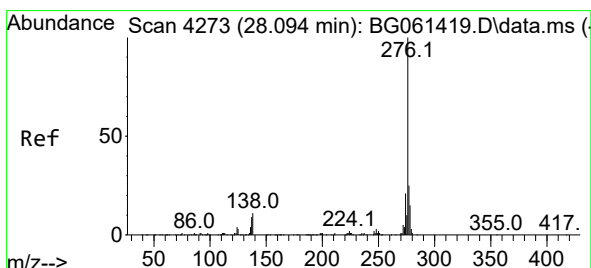
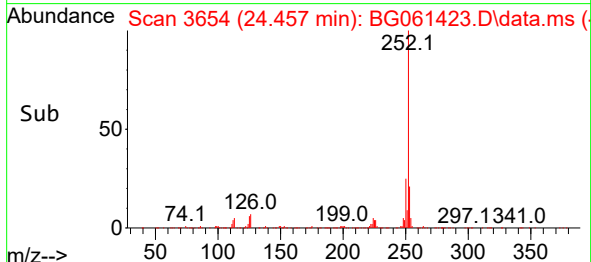
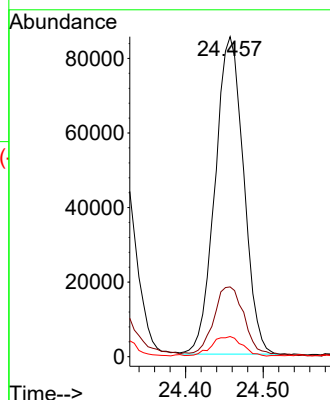
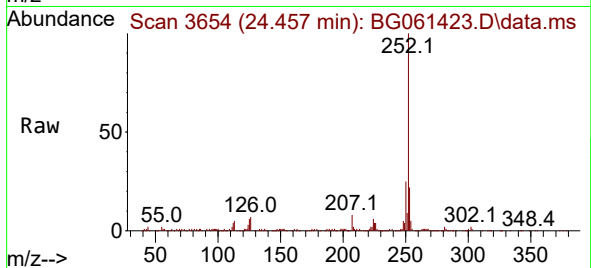
BHBN3

Tgt Ion:252 Resp: 21810
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.4 24.6
 125 6.3 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.313 ng/ul

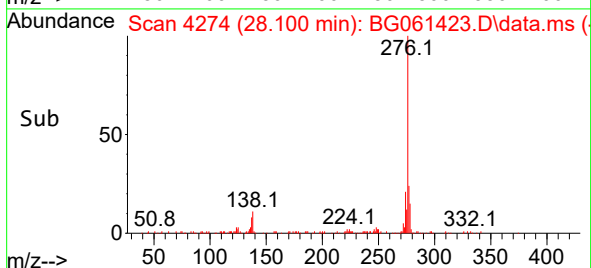
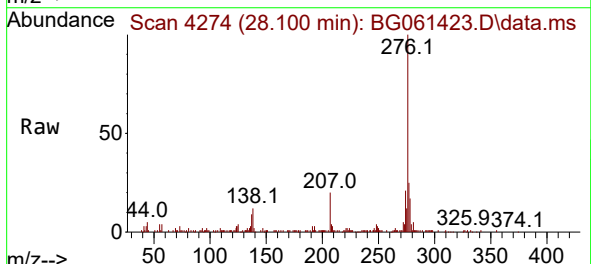
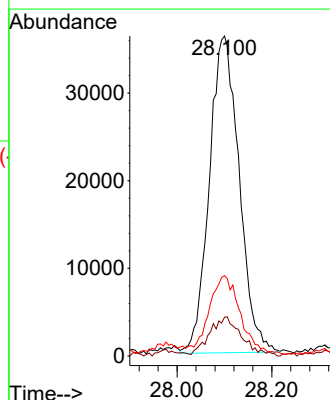
RT: 28.100 min Scan# 4274

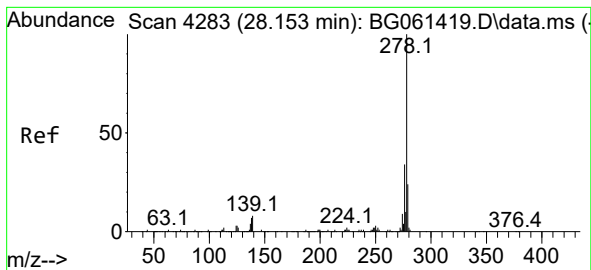
Delta R.T. 0.007 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Tgt Ion:276 Resp: 158307
 Ion Ratio Lower Upper
 276 100
 138 12.1 8.6 13.0
 277 25.1 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 2.032 ng/ul

RT: 28.129 min Scan# 4283

Delta R.T. -0.010 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Instrument :

BNA_G

ClientSampleId :

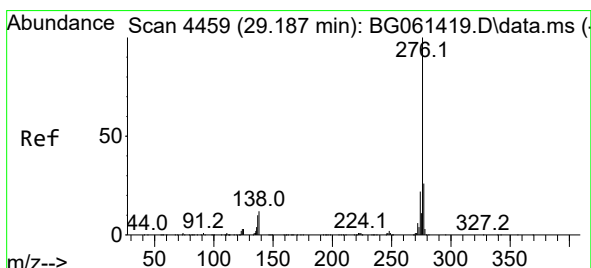
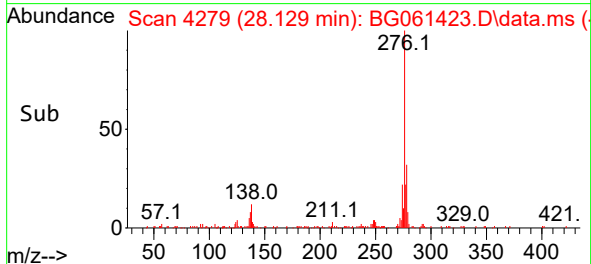
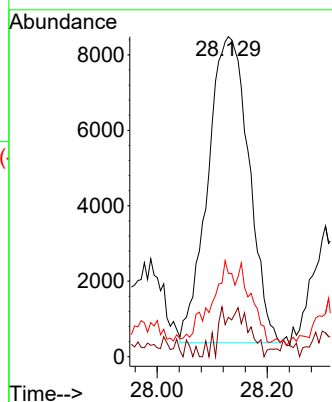
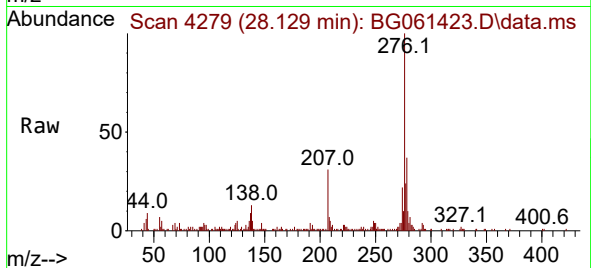
BHBN3

Tgt Ion:278 Resp: 42019
 Ion Ratio Lower Upper
 278 100
 139 16.3 6.4 9.6
 279 26.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#96

Benzo(g,h,i)perylene

Concen: 6.902 ng/ul

RT: 29.187 min Scan# 4459

Delta R.T. 0.013 min

Lab File: BG061423.D

Acq: 3 Jun 2024 14:44

Tgt Ion:276 Resp: 137680
 Ion Ratio Lower Upper
 276 100
 138 12.7 8.7 13.1
 277 24.8 18.2 27.2

