

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061228.D
 Acq On : 16 May 2024 20:04
 Operator : MA/JU
 Sample : P2491-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-277

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 01:20:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	28801	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	114413	20.000	ng	#-0.04
39) Acenaphthene-d10	14.556	164	87229	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	196993	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	197966	20.000	ng	-0.03
86) Perylene-d12	24.686	264	244137	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	117700	83.112	ng	-0.02
7) Phenol-d6	7.112	99	161633	77.154	ng	-0.02
23) Nitrobenzene-d5	9.086	82	114746	49.717	ng	-0.03
42) 2,4,6-Tribromophenol	16.049	330	112899	64.752	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	293739	49.795	ng	-0.03
79) Terphenyl-d14	19.921	244	552859	46.446	ng	-0.03
Target Compounds						Qvalue
71) Phenanthrene	17.347	178	21703	2.409	ng	95
75) Fluoranthene	19.362	202	78493	6.361	ng	97
78) Pyrene	19.721	202	72367	5.750	ng	98
80) Butylbenzylphthalate	20.614	149	8519	2.138	ng	# 86
81) Benzo(a)anthracene	21.542	228	42934	3.314	ng	# 96
83) Chrysene	21.607	228	50623	4.171	ng	# 95
88) Benzo(b)fluoranthene	23.704	252	66871	4.902	ng	# 94
90) Benzo(a)pyrene	24.539	252	38133	3.208	ng	# 98
92) Benzo(g,h,i)perylene	29.327	276	27336m	2.053	ng	

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

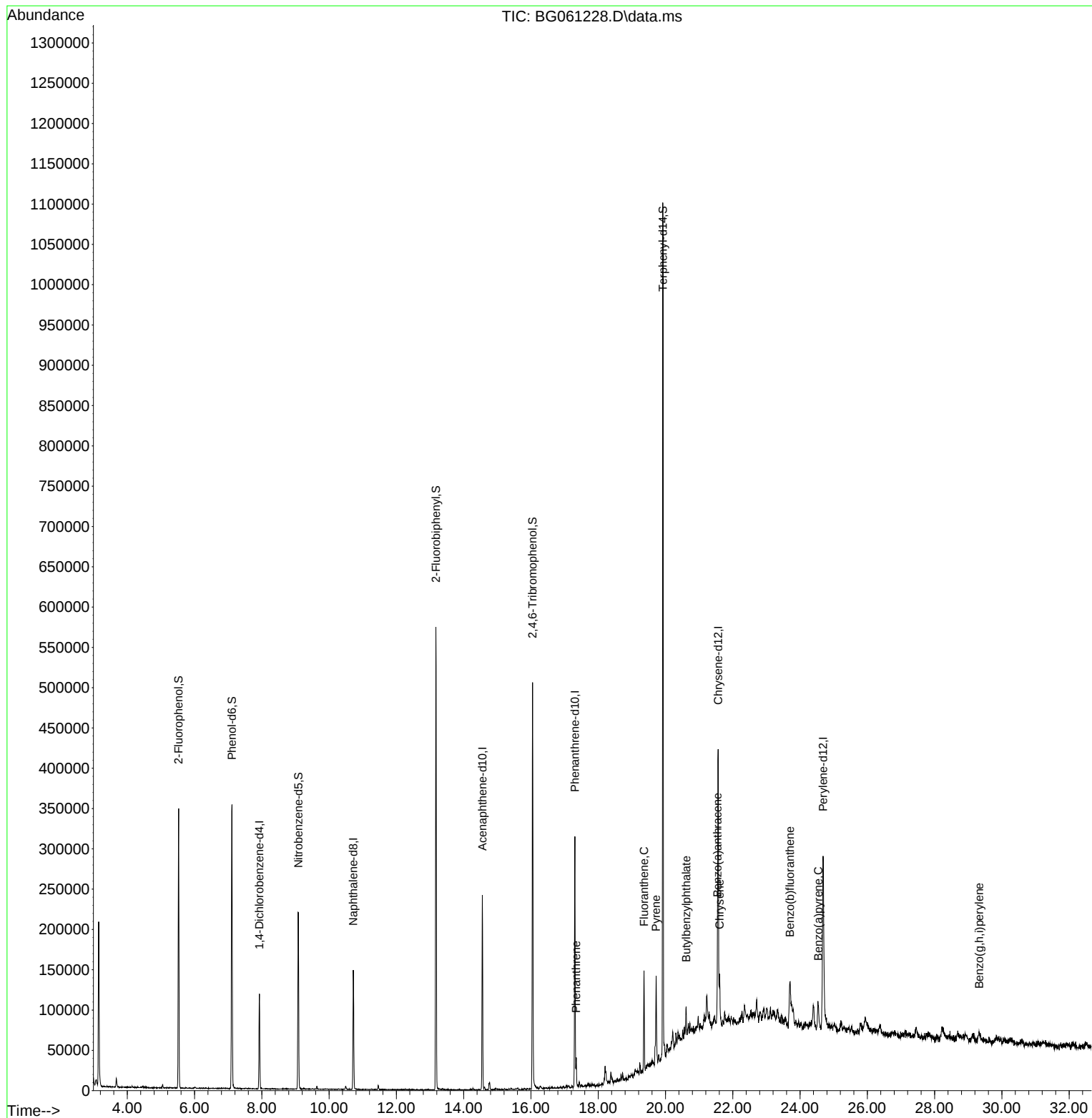
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061228.D
Acq On : 16 May 2024 20:04
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BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
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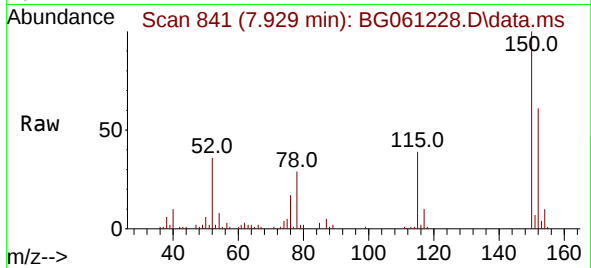
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 846
Delta R.T. -0.032 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

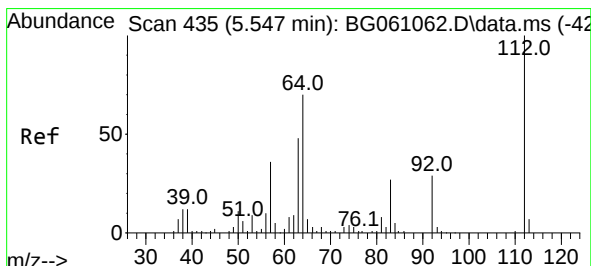
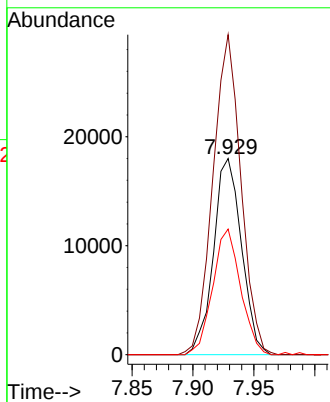
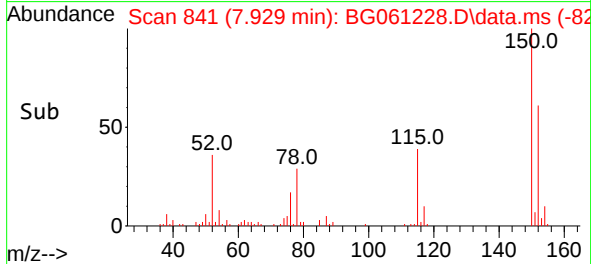
Instrument :
BNA_G
ClientSampleId :
VNJ-277



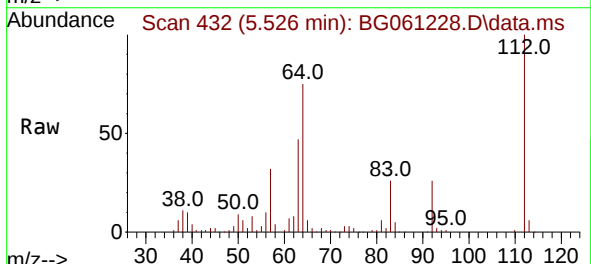
Tgt Ion:152 Resp: 2880
Ion Ratio Lower Upper
152 100
150 163.2 138.3 207.5
115 64.1 48.0 72.0

Manual Integrations
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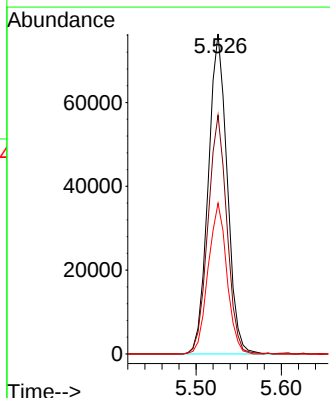
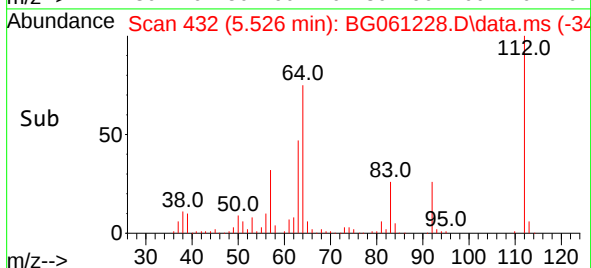
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#5
2-Fluorophenol
Concen: 83.112 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04



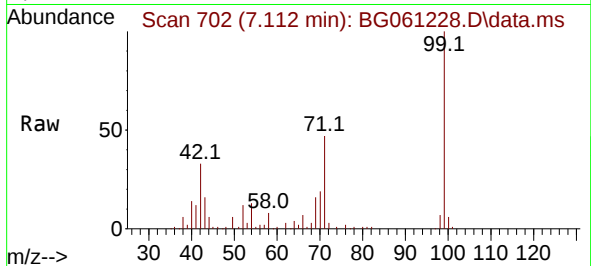
Tgt Ion:112 Resp: 117700
Ion Ratio Lower Upper
112 100
64 74.6 55.7 83.5
63 47.1 38.1 57.1





#7
Phenol-d6
Concen: 77.154 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

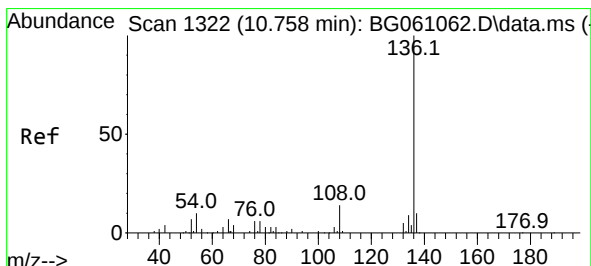
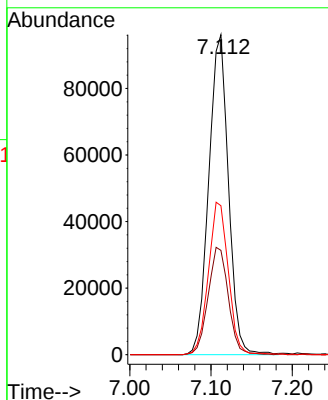
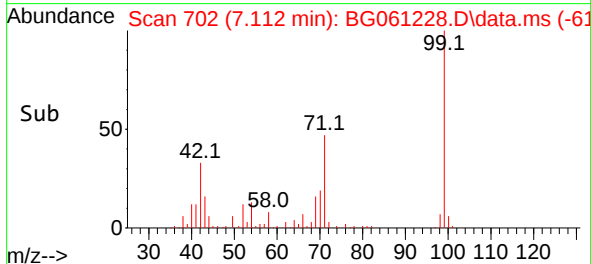
Instrument :
BNA_G
ClientSampleId :
VNJ-277



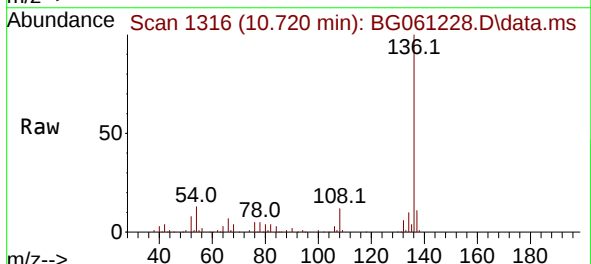
Tgt Ion: 99 Resp: 16163
Ion Ratio Lower Upper
99 100
42 32.6 29.2 43.8
71 46.6 39.7 59.5

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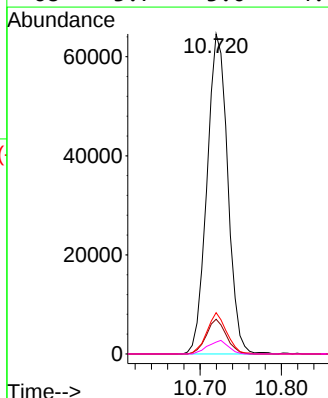
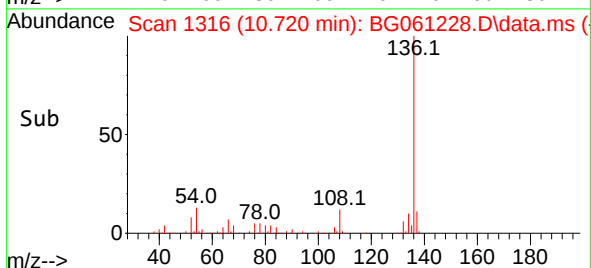
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

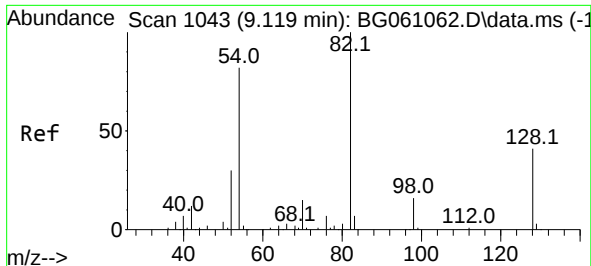


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04



Tgt Ion:136 Resp: 114413
Ion Ratio Lower Upper
136 100
137 10.9 7.8 11.6
54 12.9 8.1 12.1#
68 3.7 3.0 4.4





#23

Nitrobenzene-d5

Concen: 49.717 ng

RT: 9.086 min Scan# 1043

Delta R.T. -0.033 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

Instrument :

BNA_G

ClientSampleId :

VNJ-277

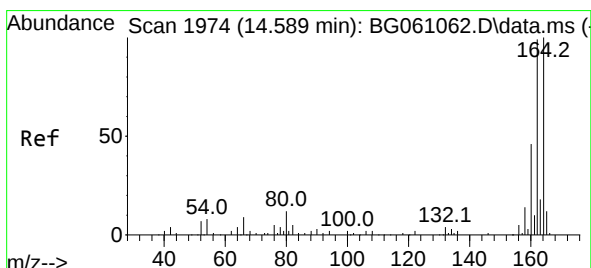
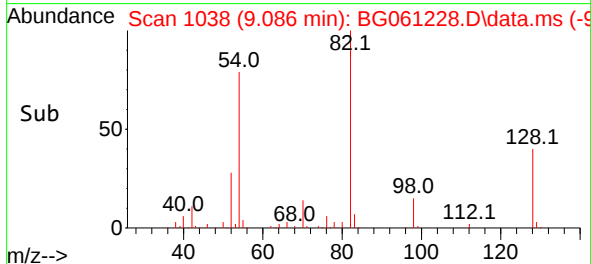
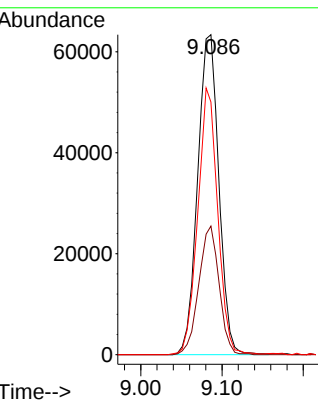
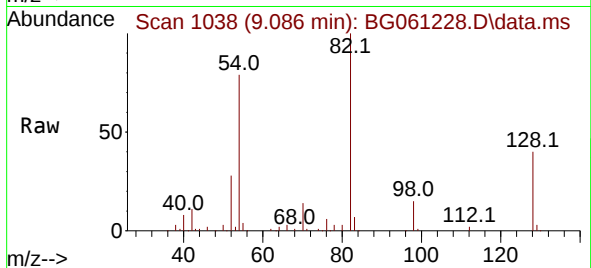
Tgt Ion: 82 Resp: 114740

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.7	49.1
54	78.9	65.6	98.4

Manual Integrations

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Supervised By :mohammad ahmed 05/18/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

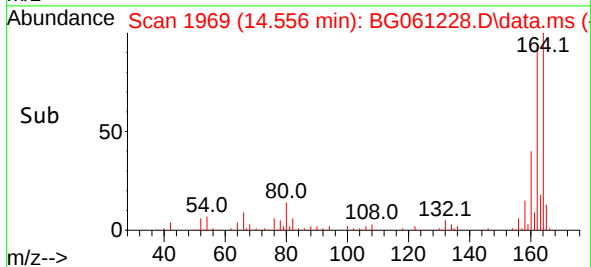
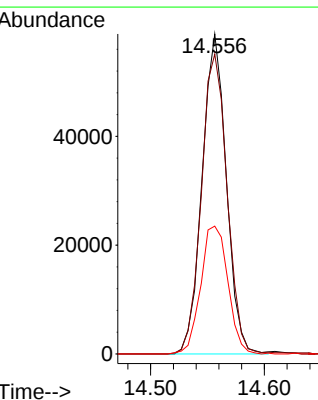
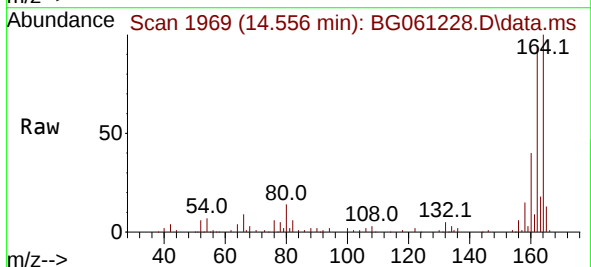
Delta R.T. -0.033 min

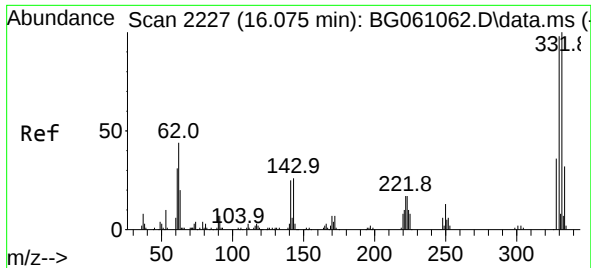
Lab File: BG061228.D

Acq: 16 May 2024 20:04

Tgt Ion:164 Resp: 87229

Ion	Ratio	Lower	Upper
164	100		
162	93.7	79.4	119.2
160	40.0	37.0	55.6





#42
2,4,6-Tribromophenol
Concen: 64.752 ng
RT: 16.049 min Scan# 211
Delta R.T. -0.027 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

Instrument :

BNA_G

ClientSampleId :

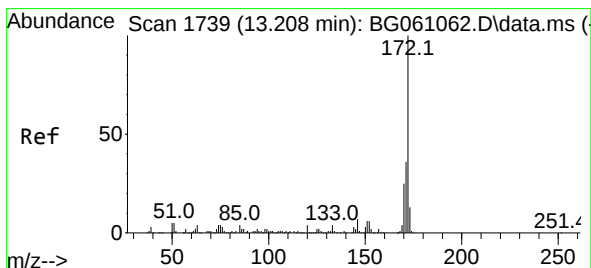
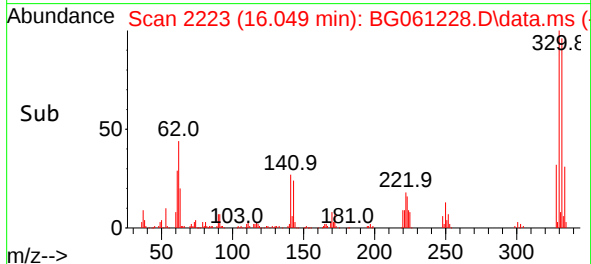
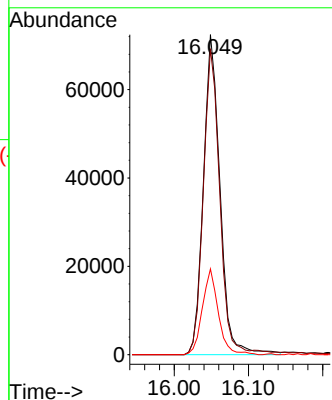
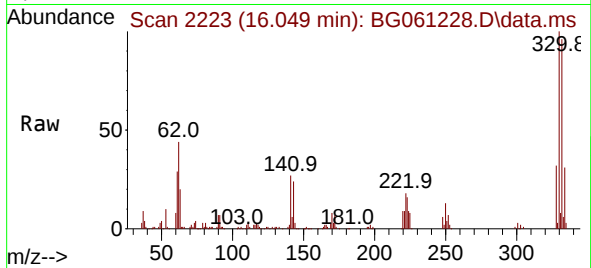
VNJ-277

Tgt Ion:330 Resp: 11289
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 25.7 20.5 30.7

Manual Integrations

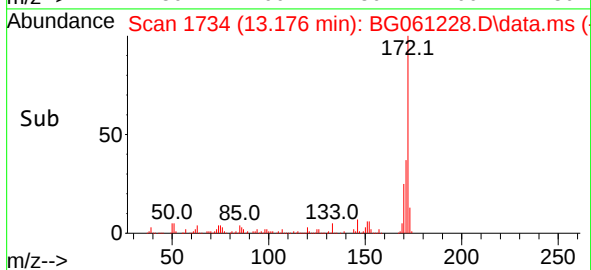
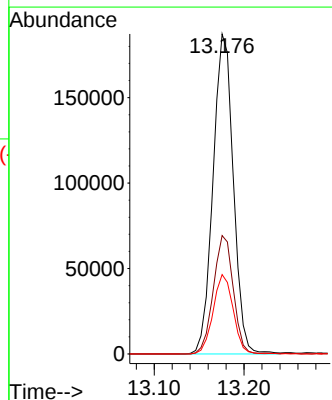
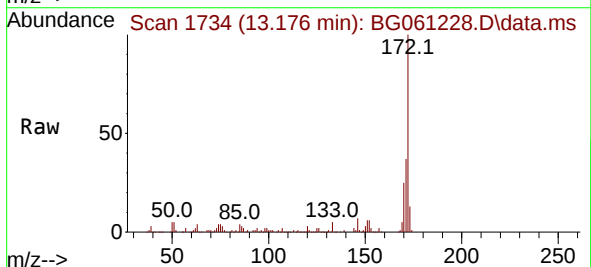
APPROVED

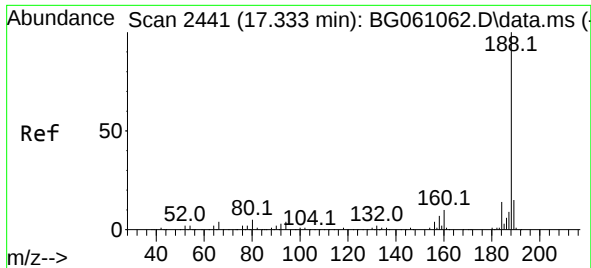
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#45
2-Fluorobiphenyl
Concen: 49.795 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.033 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

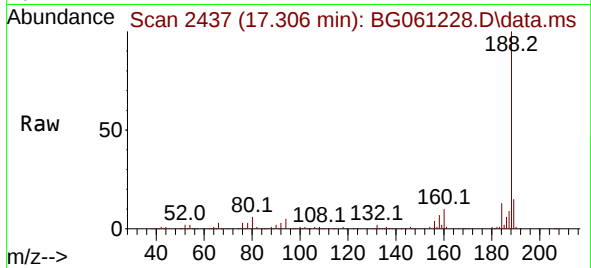
Tgt Ion:172 Resp: 293739
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 24.8 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.027 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

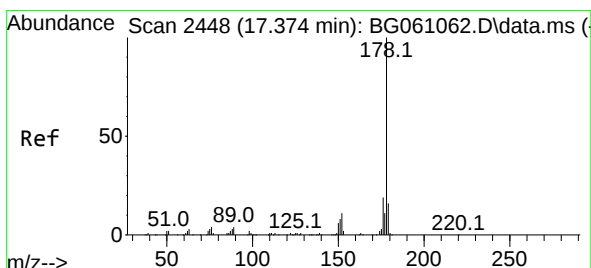
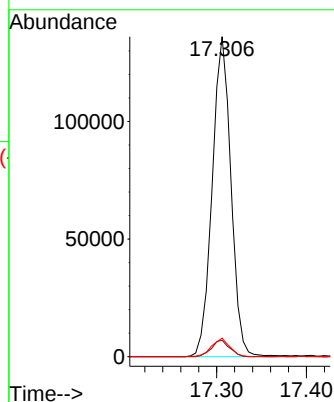
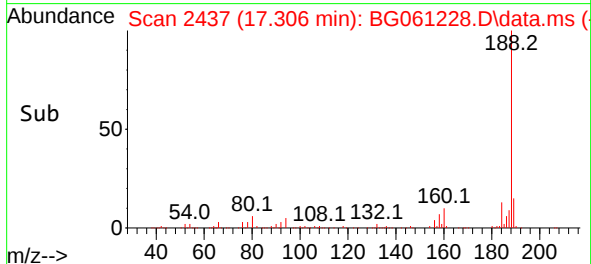
Instrument :
BNA_G
ClientSampleId :
VNJ-277



Tgt Ion:188 Resp: 19699
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 5.8 4.2 6.2

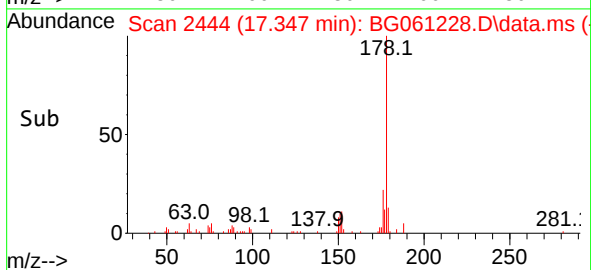
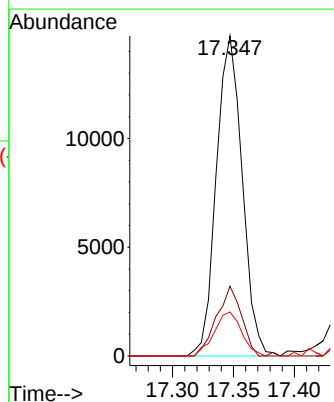
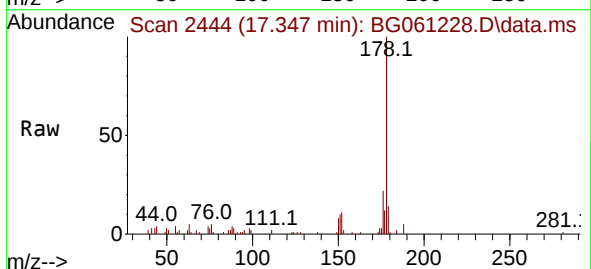
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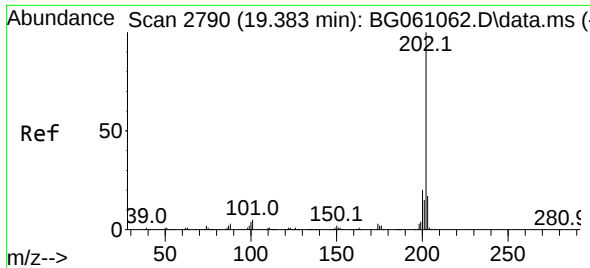
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#71
Phenanthrene
Concen: 2.409 ng
RT: 17.347 min Scan# 2444
Delta R.T. -0.027 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

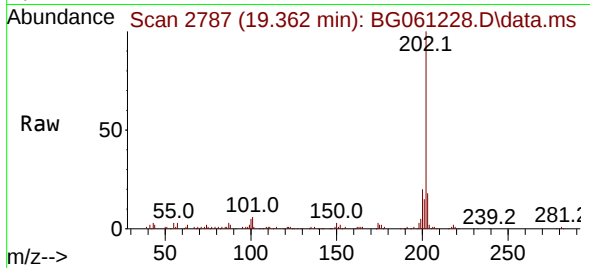
Tgt Ion:178 Resp: 21703
Ion Ratio Lower Upper
178 100
176 21.8 15.5 23.3
179 13.8 12.6 19.0





#75
Fluoranthene
Concen: 6.361 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

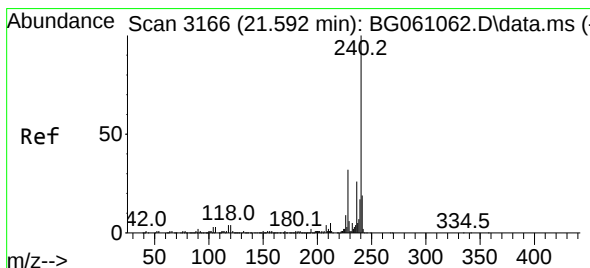
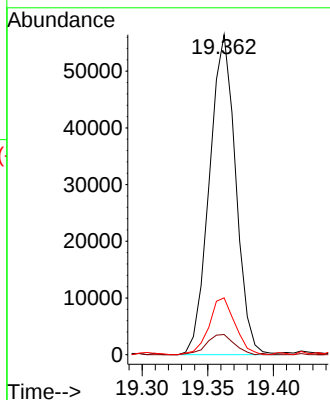
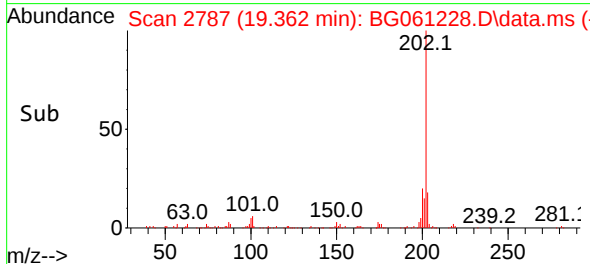
Instrument :
BNA_G
ClientSampleId :
VNJ-277



Tgt Ion:202 Resp: 7849
Ion Ratio Lower Upper
202 100
101 7.0 0.0 24.7
203 17.7 0.0 37.1

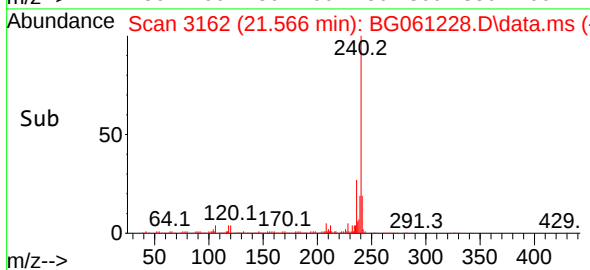
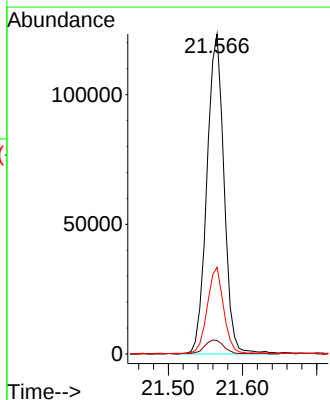
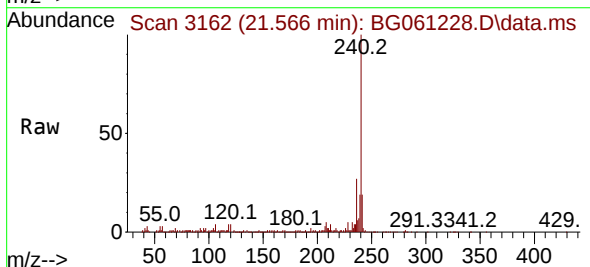
Manual Integrations
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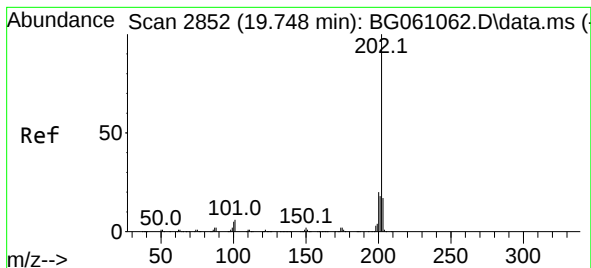
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

Tgt Ion:240 Resp: 197966
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 27.1 21.0 31.6





#78

Pyrene

Concen: 5.750 ng

RT: 19.721 min Scan# 2848

Delta R.T. -0.027 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

Instrument :

BNA_G

ClientSampleId :

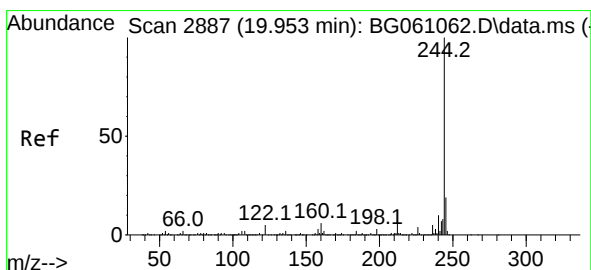
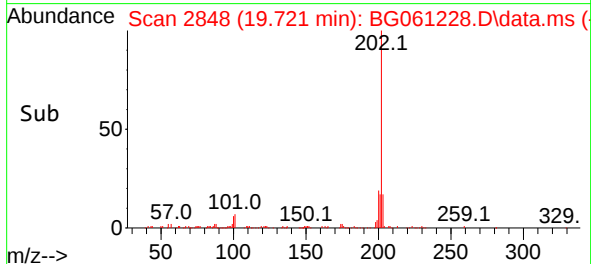
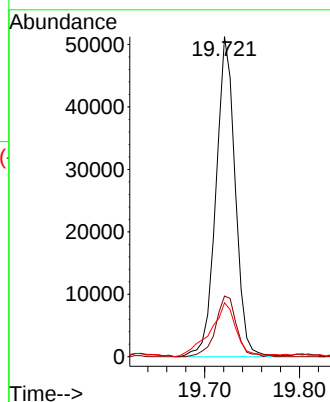
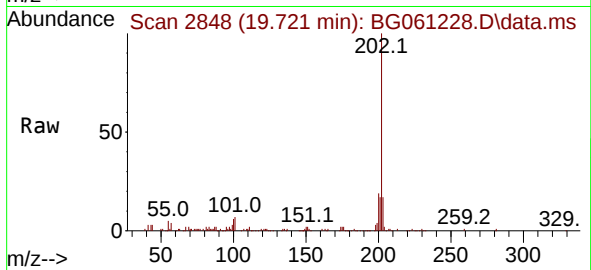
VNJ-277

Tgt Ion:	202	Resp:	7236
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.2	24.4
203	16.9	13.3	19.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/17/2024
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#79

Terphenyl-d14

Concen: 46.446 ng

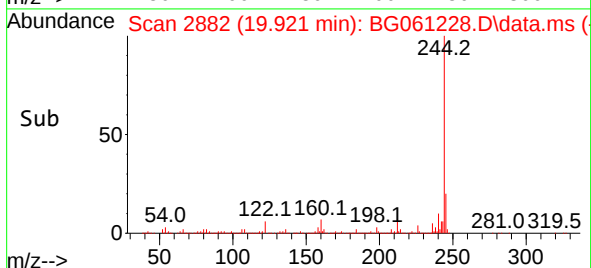
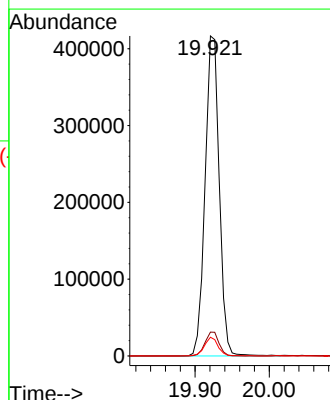
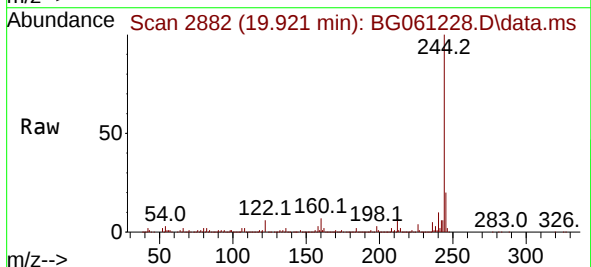
RT: 19.921 min Scan# 2882

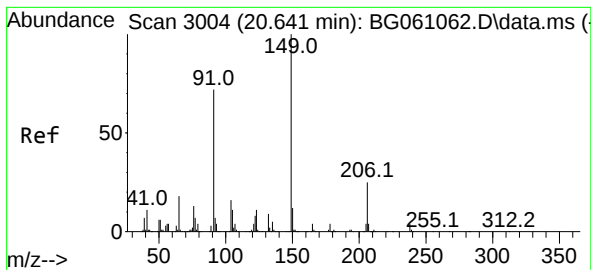
Delta R.T. -0.033 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

Tgt Ion:	244	Resp:	552859
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	5.9	4.2	6.2





#80

Butylbenzylphthalate

Concen: 2.138 ng

RT: 20.614 min Scan# 3000

Delta R.T. -0.027 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

Instrument :

BNA_G

ClientSampleId :

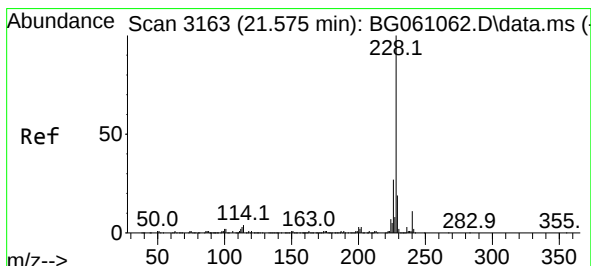
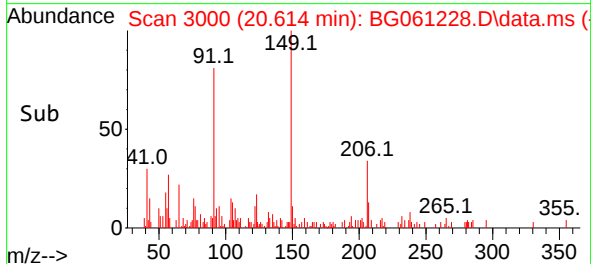
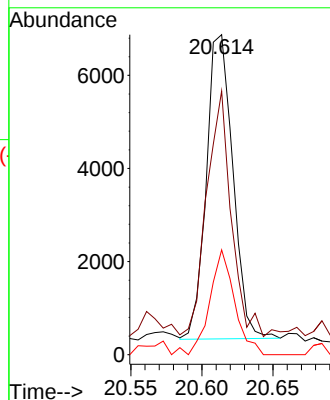
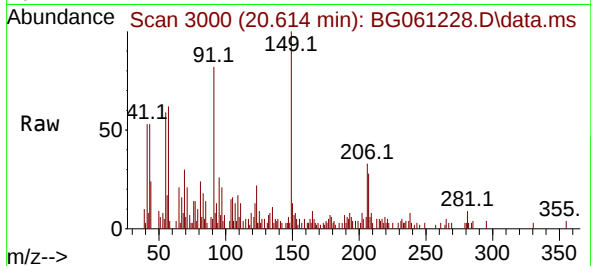
VNJ-277

Tgt Ion:	149	Resp:	8519
Ion Ratio	Lower	Upper	
149	100		
91	82.4	57.4	86.2
206	32.7	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#81

Benzo(a)anthracene

Concen: 3.314 ng

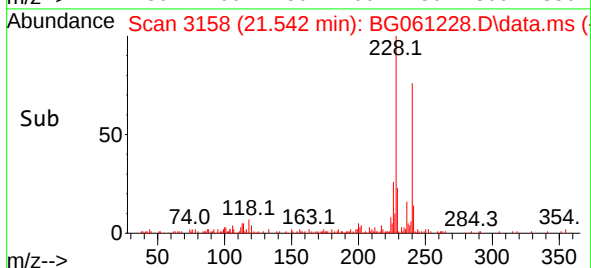
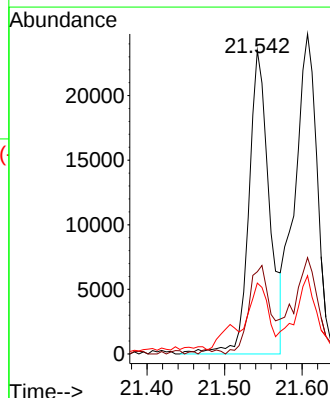
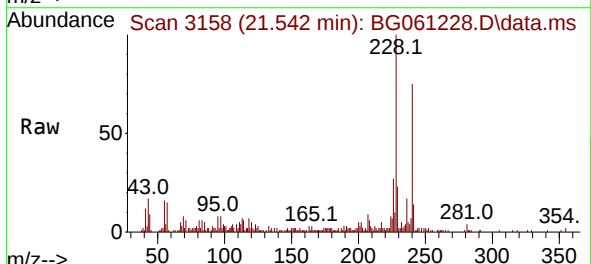
RT: 21.542 min Scan# 3158

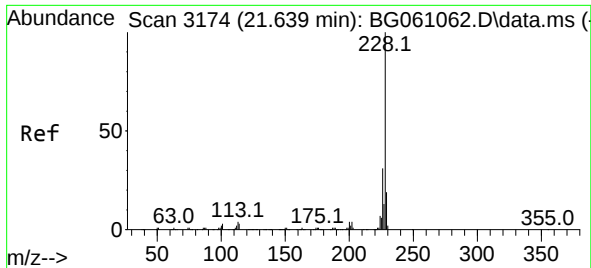
Delta R.T. -0.033 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

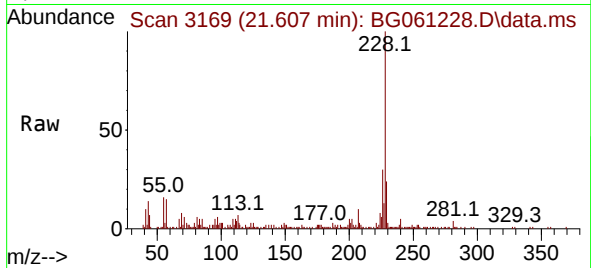
Tgt Ion:	228	Resp:	42934
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.6	32.4
229	23.4	15.0	22.4





#83
Chrysene
Concen: 4.171 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.033 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04

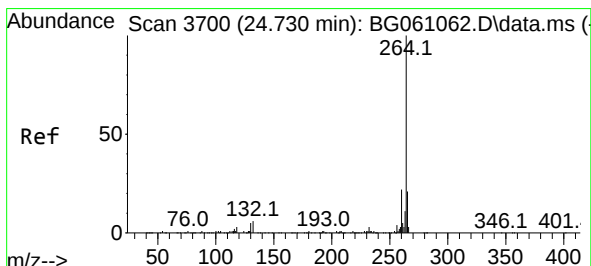
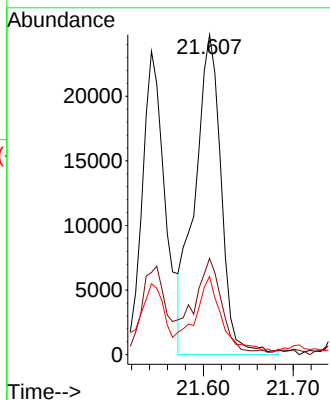
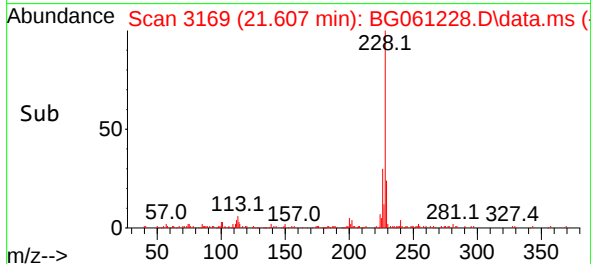
Instrument :
BNA_G
ClientSampleId :
VNJ-277



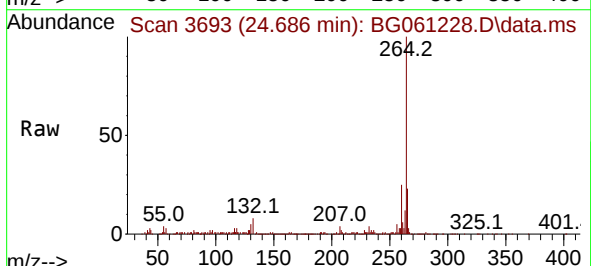
Tgt Ion:228 Resp: 5062
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 24.4 14.8 22.2

Manual Integrations
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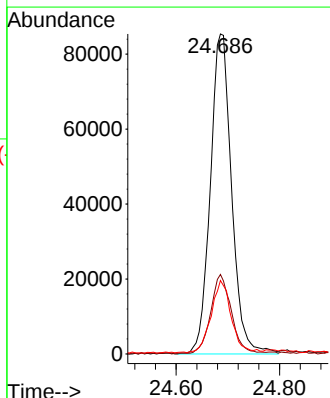
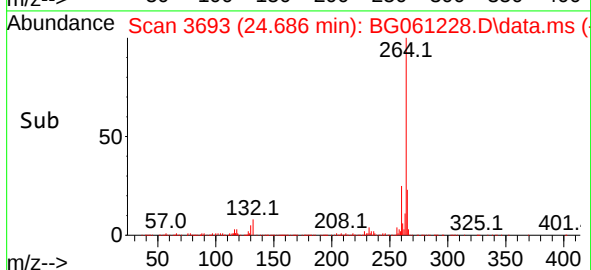
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

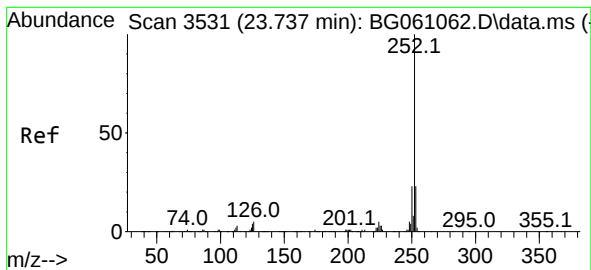


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.686 min Scan# 3693
Delta R.T. -0.044 min
Lab File: BG061228.D
Acq: 16 May 2024 20:04



Tgt Ion:264 Resp: 244137
Ion Ratio Lower Upper
264 100
260 24.9 17.7 26.5
265 23.0 16.4 24.6





#88

Benzo(b)fluoranthene

Concen: 4.902 ng

RT: 23.704 min Scan# 3

Delta R.T. -0.033 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

Instrument :

BNA_G

ClientSampleId :

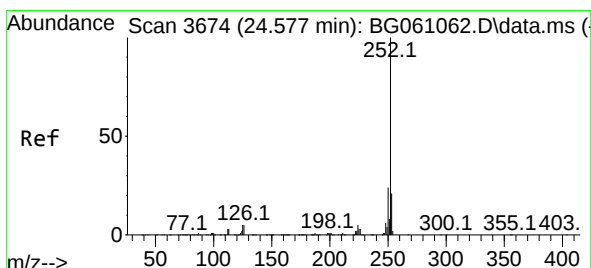
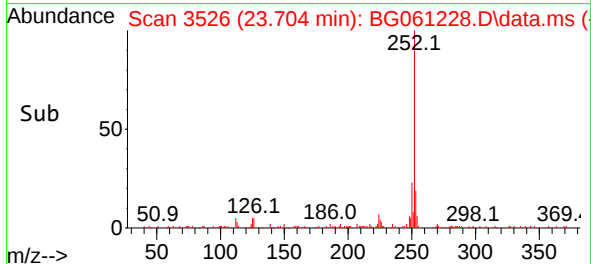
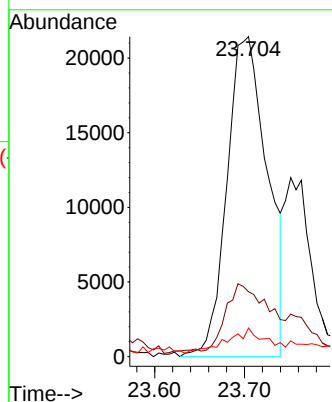
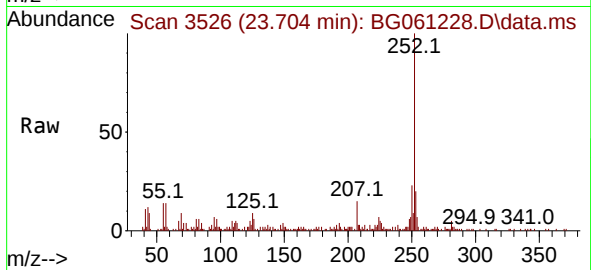
VNJ-277

Tgt Ion:252 Resp: 6687
 Ion Ratio Lower Upper
 252 100
 253 20.3 18.2 27.2
 125 9.0 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024



#90

Benzo(a)pyrene

Concen: 3.208 ng

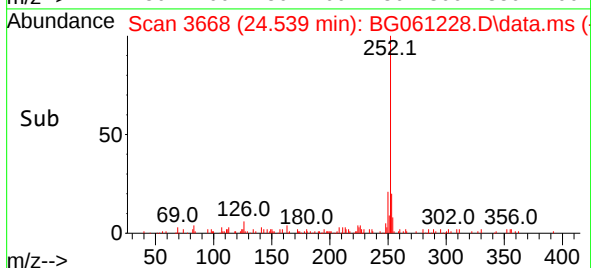
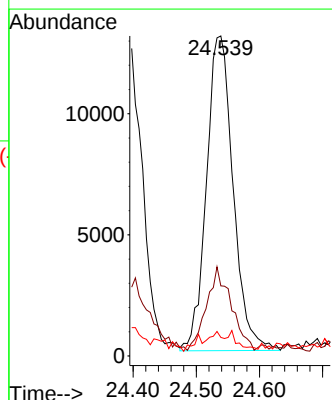
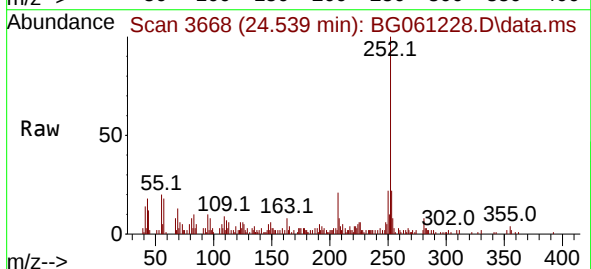
RT: 24.539 min Scan# 3668

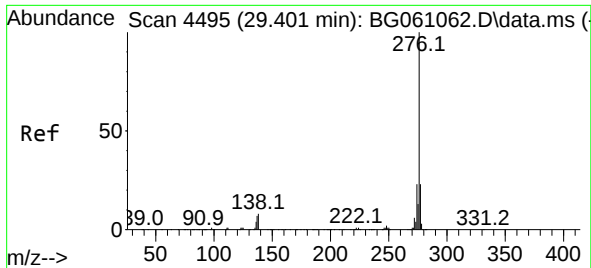
Delta R.T. -0.038 min

Lab File: BG061228.D

Acq: 16 May 2024 20:04

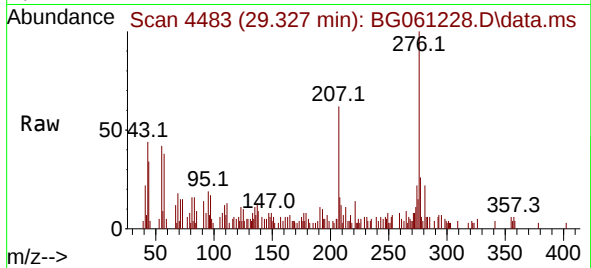
Tgt Ion:252 Resp: 38133
 Ion Ratio Lower Upper
 252 100
 253 21.9 16.9 25.3
 125 5.8 3.8 5.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.053 ng m
 RT: 29.327 min Scan# 44
 Delta R.T. -0.074 min
 Lab File: BG061228.D
 Acq: 16 May 2024 20:04

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-277



Tgt Ion:	276	Resp:	27330
Ion Ratio	Lower	Upper	
276	100		
277	25.5	18.2	27.4
138	8.5	6.2	9.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

