

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025177.D
 Acq On : 27 Apr 2023 14:47
 Operator : CG/JU
 Sample : 02418-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:20:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8186	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.726	136	26981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	34079	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	24109	0.400	ng/ul	# 0.00
23) Perylene-d12	23.932	264	22852	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	20627	2.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6955	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15834	0.249	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	131744	1.906	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	32784	0.774	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	27331	0.606	ng/ul	100
10) Acenaphthylene	14.283	152	42610	0.692	ng/ul	98
11) Acenaphthene	14.621	153	105588	2.036	ng/ul	98
12) Fluorene	15.607	166	135243	2.332	ng/ul	99
14) Pentachlorophenol	16.963	266	647	0.097	ng/ul	97
15) Phenanthrene	17.351	178	2149308	22.344	ng/ul	100
16) Anthracene	17.440	178	477350	6.066	ng/ul	99
19) Fluoranthene	19.368	202	3441588	39.476	ng/ul	97
20) Pyrene	19.735	202	2878244	32.132	ng/ul	98
21) Benzo(a)anthracene	21.488	228	1327891	18.278	ng/ul	98
22) Chrysene	21.546	228	1351101	17.048	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	1533395m	16.539	ng/ul	
25) Benzo(k)fluoranthene	23.242	252	554378m	6.216	ng/ul	
26) Benzo(a)pyrene	23.826	252	1020836	13.308	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.447	276	738035	8.350	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.457	278	185955	2.694	ng/ul	97
29) Benzo(g,h,i)perylene	27.228	276	604424	8.043	ng/ul	99

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

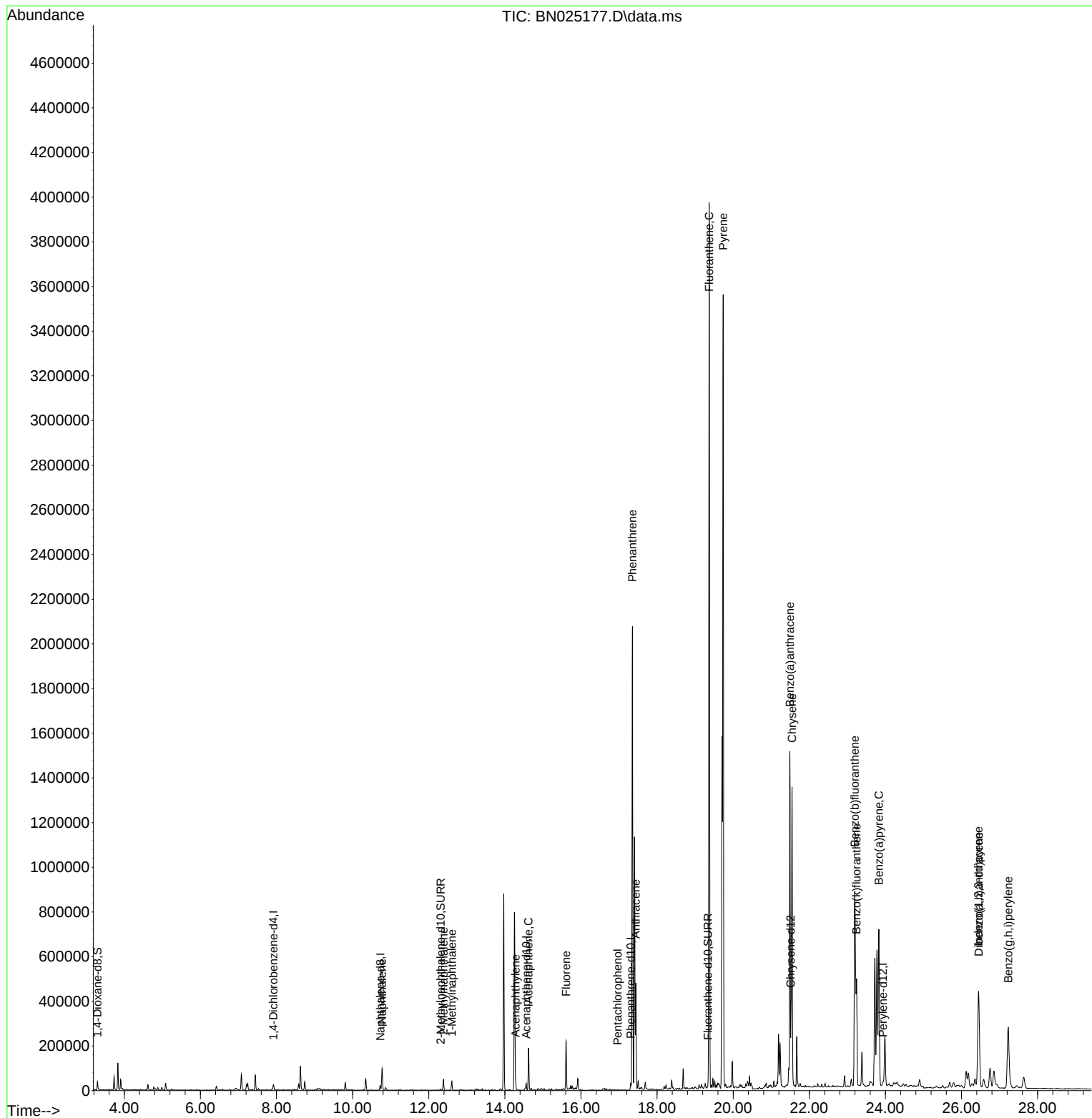
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025177.D
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ALS Vial : 12 Sample Multiplier: 1

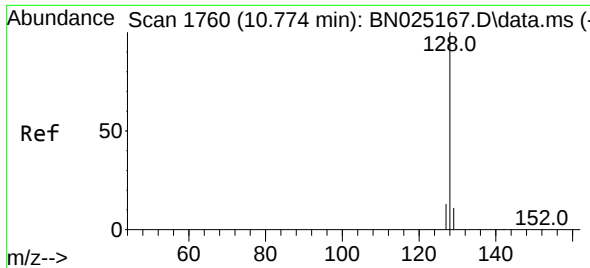
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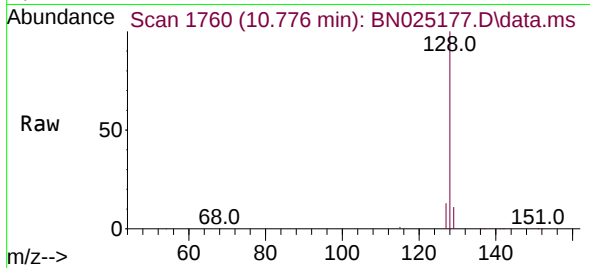
Quant Time: Apr 28 01:20:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.906 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

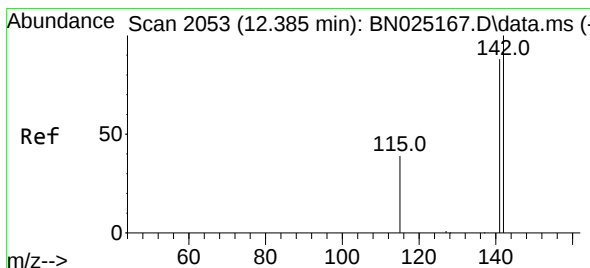
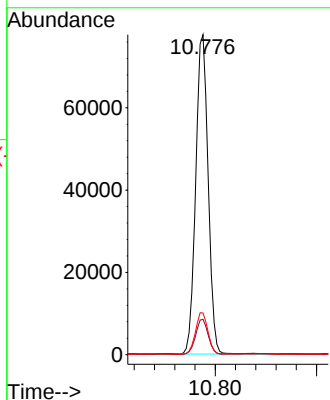
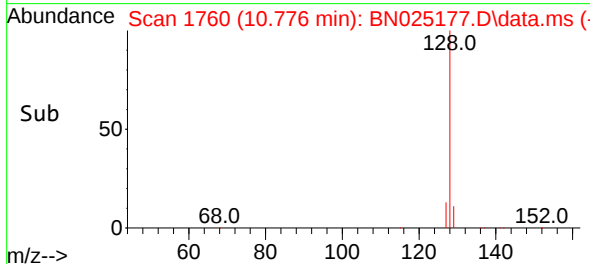
Instrument :
BNA_N
ClientSampleId :
EW8Z6



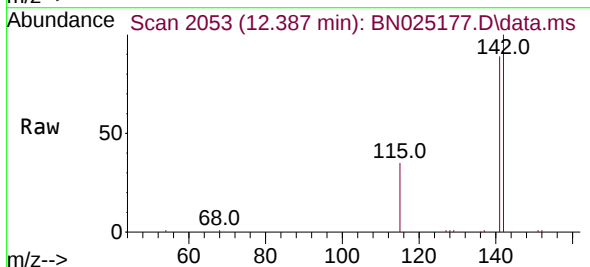
Tgt Ion:128 Resp: 131744
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.7 16.1

Manual Integrations
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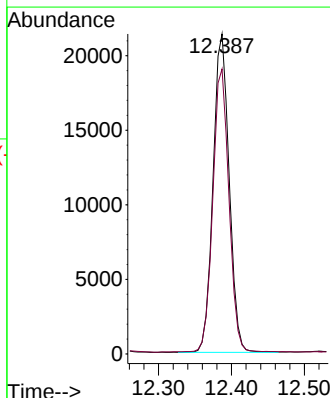
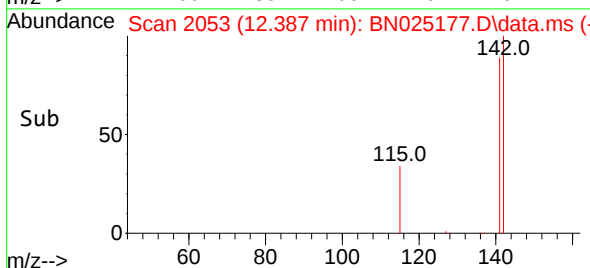
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

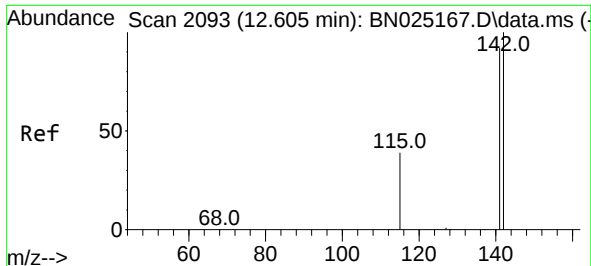


#7
2-Methylnaphthalene
Concen: 0.774 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47



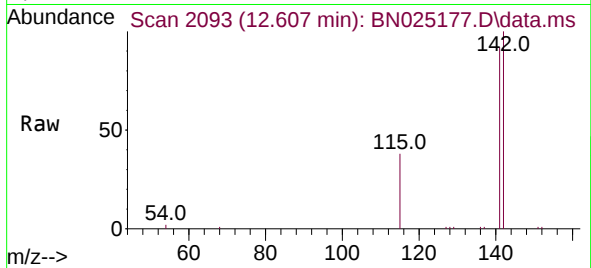
Tgt Ion:142 Resp: 32784
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.606 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

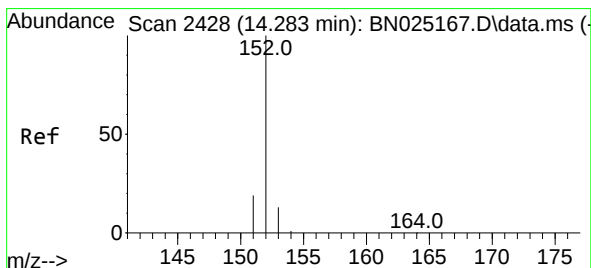
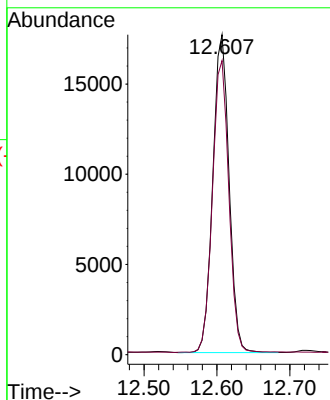
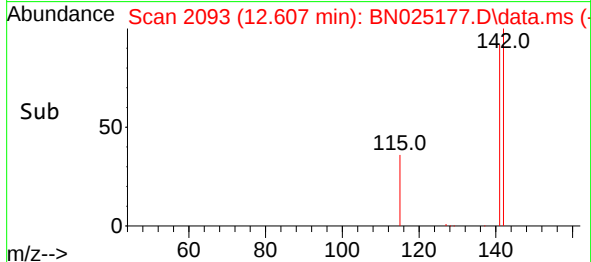
Instrument :
BNA_N
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Tgt Ion:142 Resp: 2733
Ion Ratio Lower Upper
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141 92.5 73.8 110.6

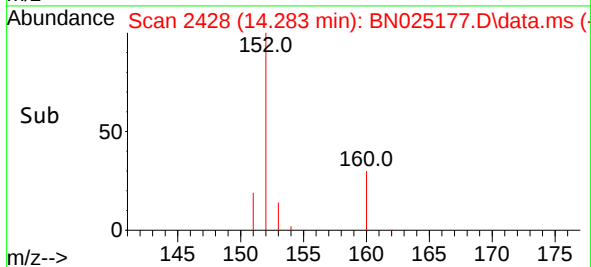
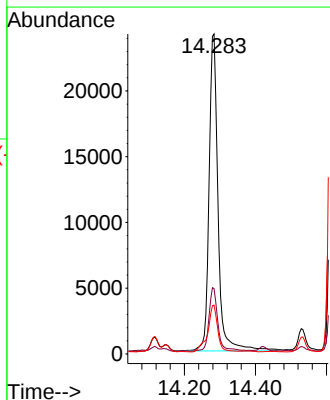
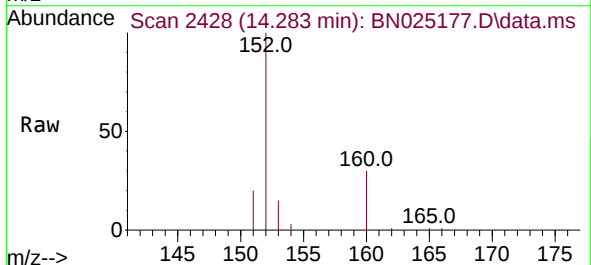
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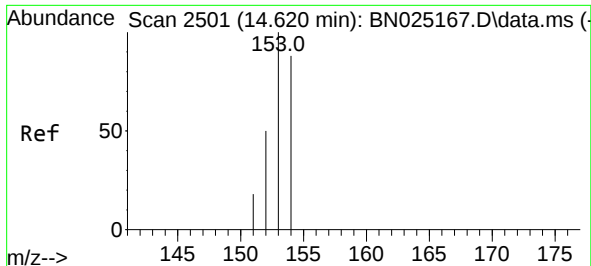
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.692 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

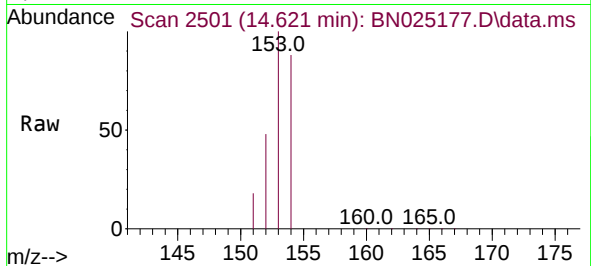
Tgt Ion:152 Resp: 42610
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 15.2 10.8 16.2





#11
Acenaphthene
Concen: 2.036 ng/ul
RT: 14.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

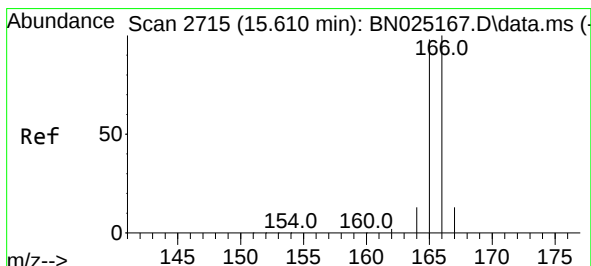
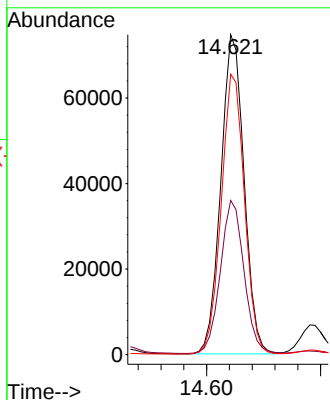
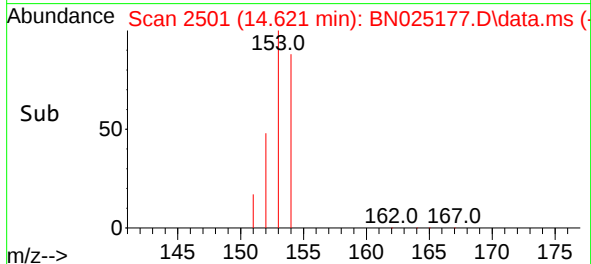
Instrument :
BNA_N
ClientSampleId :
EW8Z6



Tgt Ion:153 Resp: 105588
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 87.7 69.4 104.2

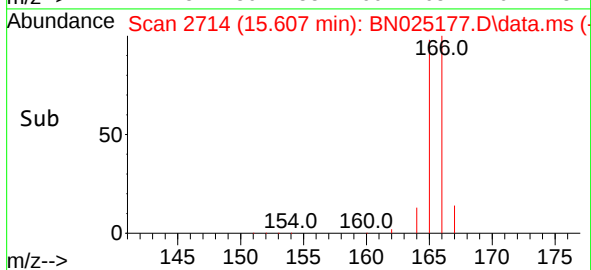
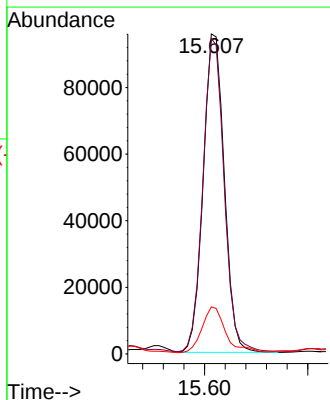
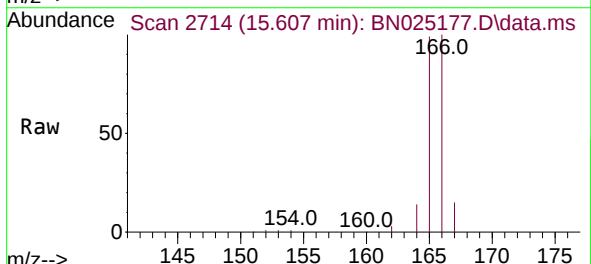
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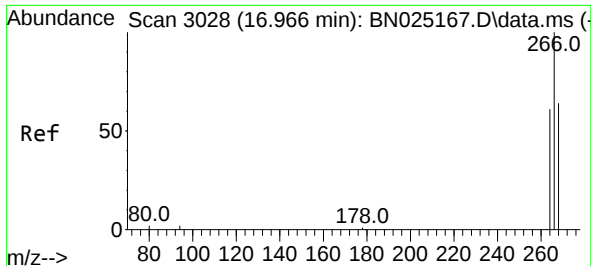
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 2.332 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

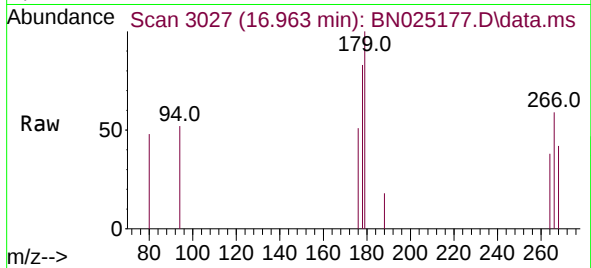
Tgt Ion:166 Resp: 135243
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 14.7 11.0 16.6





#14
Pentachlorophenol
Concen: 0.097 ng/ul
RT: 16.963 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

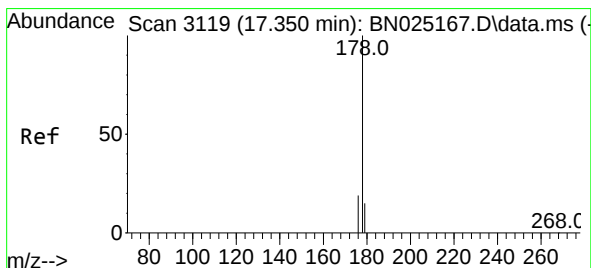
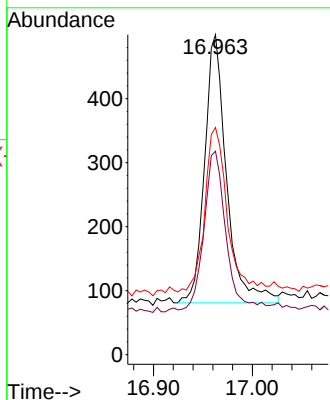
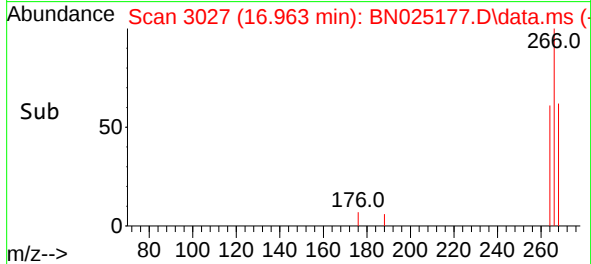
Instrument :
BNA_N
ClientSampleId :
EW8Z6



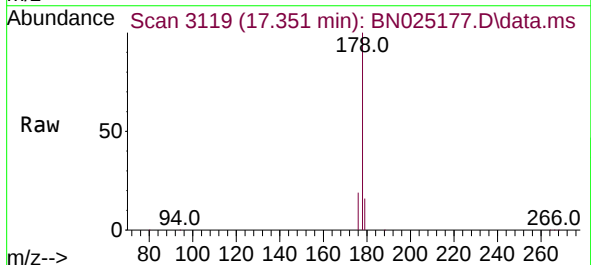
Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
264 60.3 49.6 74.4
268 67.1 51.3 76.9

Manual Integrations
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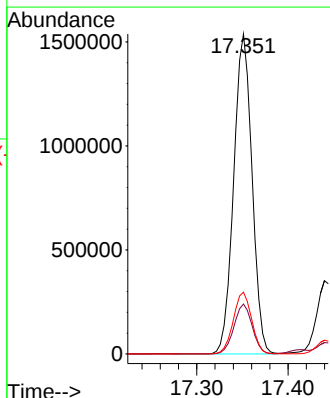
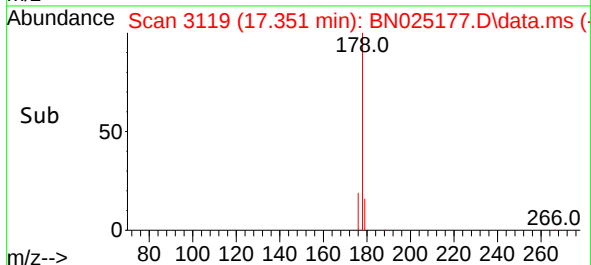
Reviewed By :Christian Giraldo 04/28/2023
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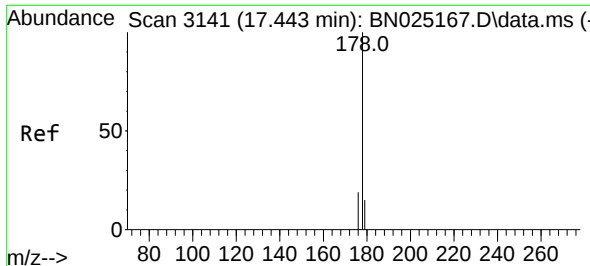


#15
Phenanthrene
Concen: 22.344 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47



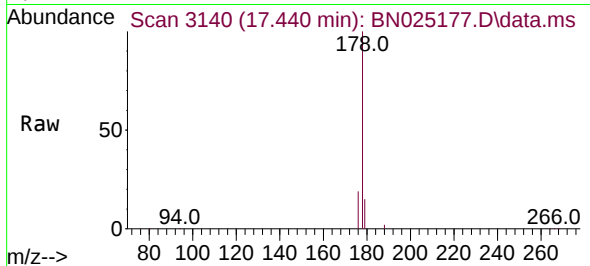
Tgt Ion:178 Resp: 2149308
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 6.066 ng/ul
 RT: 17.440 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025177.D
 Acq: 27 Apr 2023 14:47

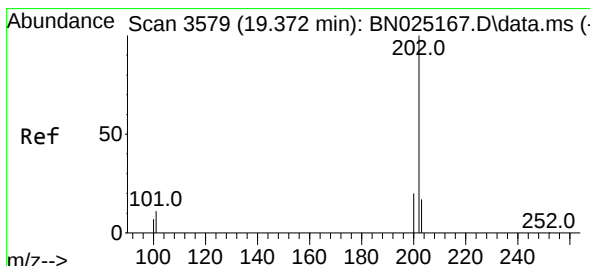
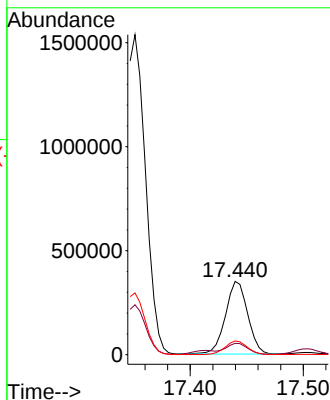
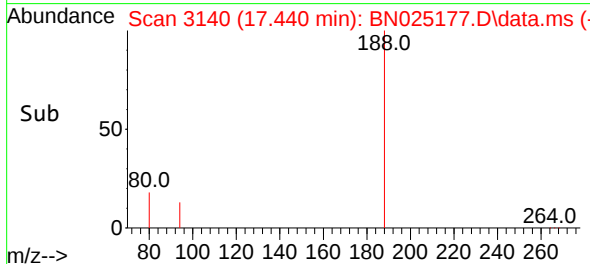
Instrument :
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Tgt Ion:178 Resp: 477350
 Ion Ratio Lower Upper
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 179 15.4 12.7 19.1
 176 18.9 15.3 22.9

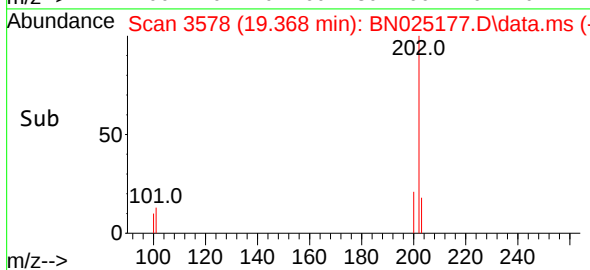
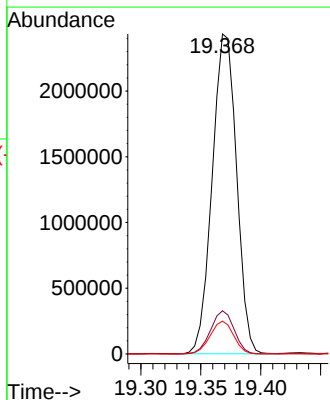
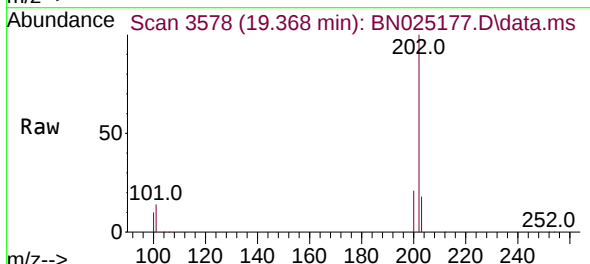
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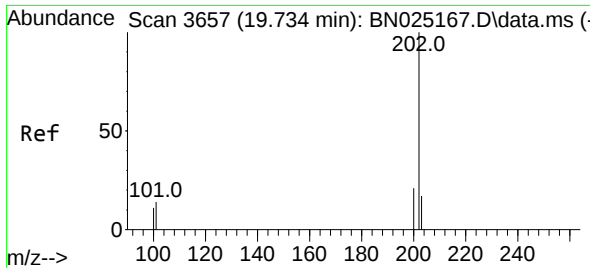
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#19
 Fluoranthene
 Concen: 39.476 ng/ul
 RT: 19.368 min Scan# 3578
 Delta R.T. -0.003 min
 Lab File: BN025177.D
 Acq: 27 Apr 2023 14:47

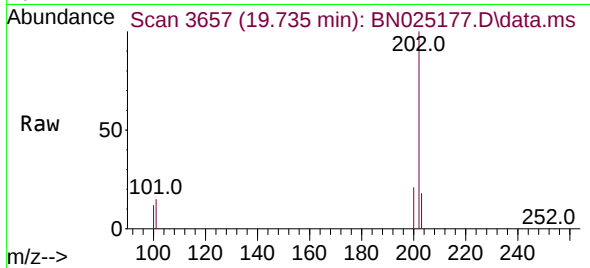
Tgt Ion:202 Resp: 3441588
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.7 14.5
 100 10.3 7.3 10.9





#20
Pyrene
Concen: 32.132 ng/ul
RT: 19.735 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

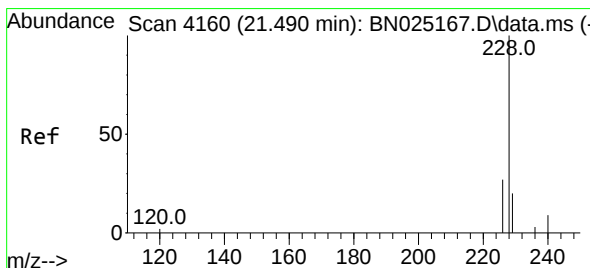
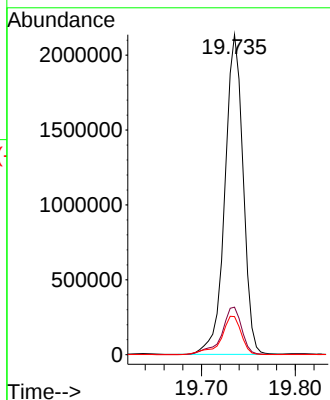
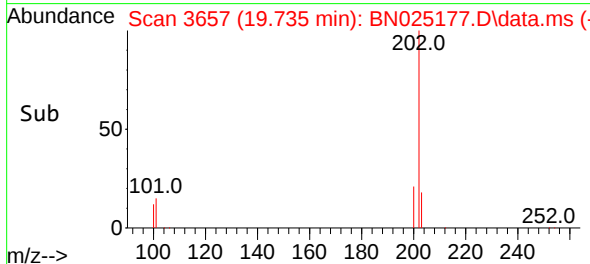
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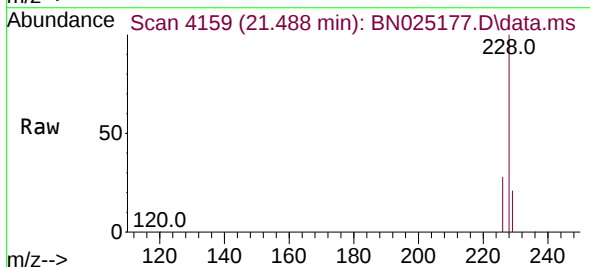
Tgt Ion:202 Resp: 287824
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 11.9 9.2 13.8

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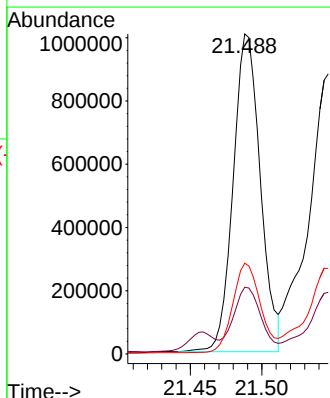
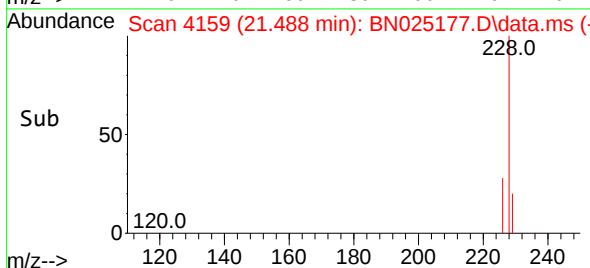
Reviewed By :Christian Giraldo 04/28/2023
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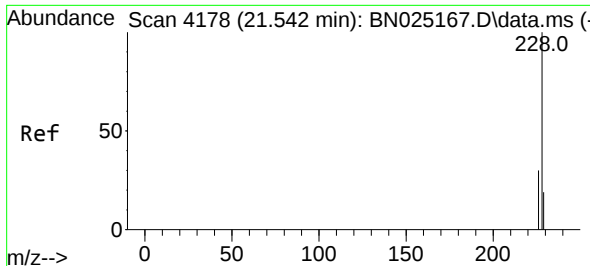


#21
Benzo(a)anthracene
Concen: 18.278 ng/ul
RT: 21.488 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47



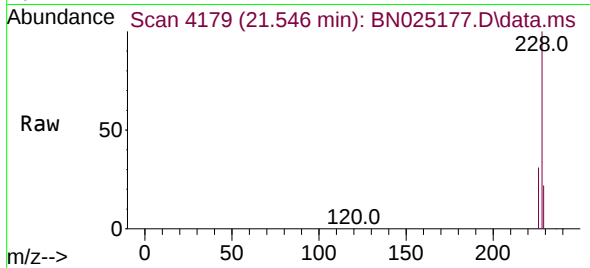
Tgt Ion:228 Resp: 1327891
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.4 22.1 33.1





#22
Chrysene
Concen: 17.048 ng/ul
RT: 21.546 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

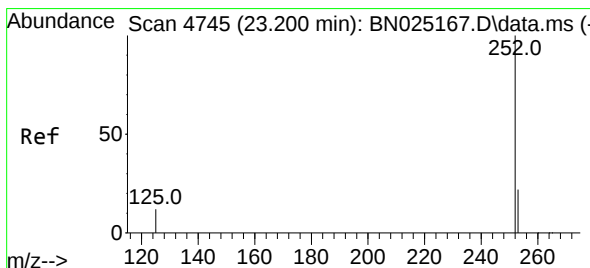
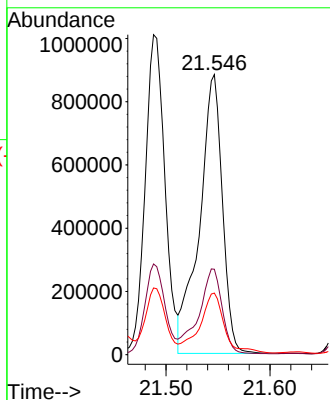
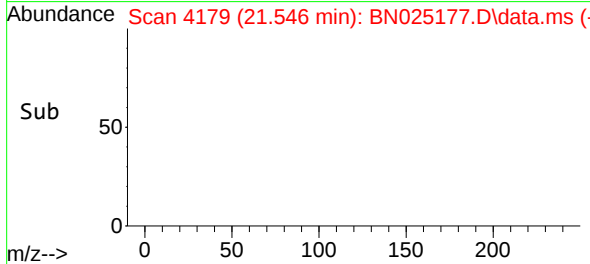
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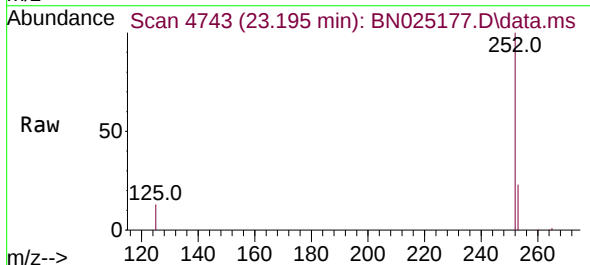
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Ion Ratio Lower Upper
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226 30.5 24.5 36.7
229 22.0 15.8 23.6

Manual Integrations
APPROVED

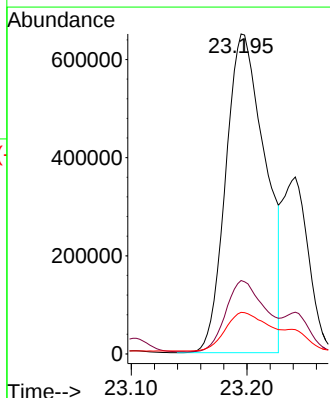
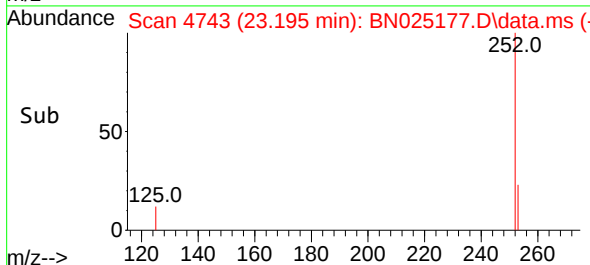
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

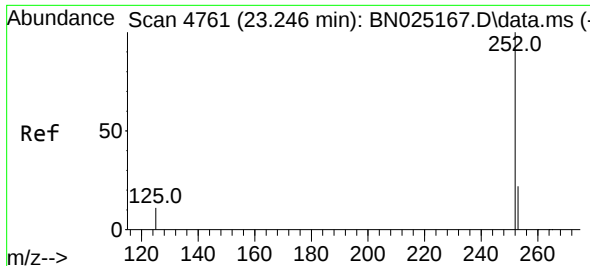


#24
Benzo(b)fluoranthene
Concen: 16.539 ng/ul m
RT: 23.195 min Scan# 4743
Delta R.T. -0.005 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47



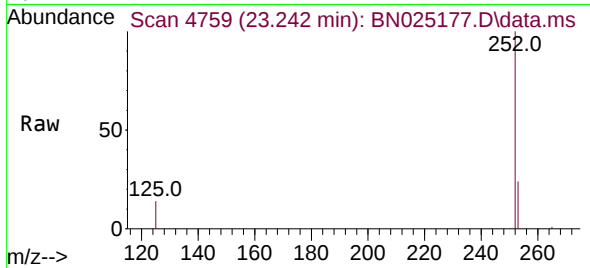
Tgt Ion:252 Resp: 1533395
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 13.0 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 6.216 ng/ul m
RT: 23.242 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

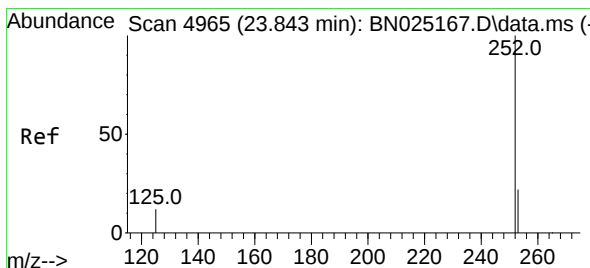
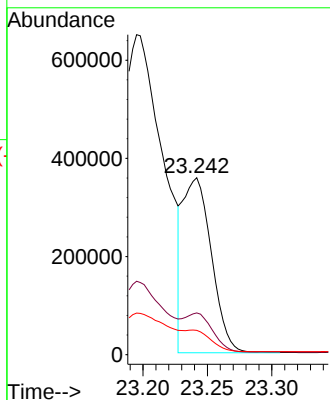
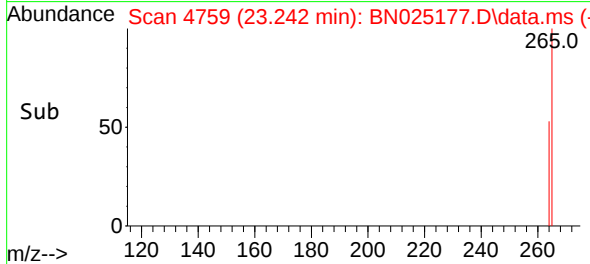
Instrument :
BNA_N
ClientSampleId :
EW8Z6



Tgt Ion:252 Resp: 554378
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.4
125 13.7 11.8 17.8

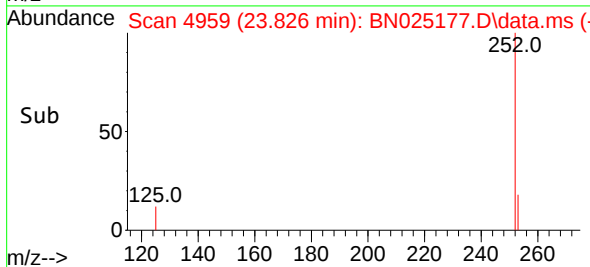
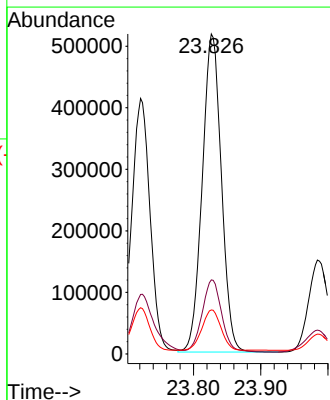
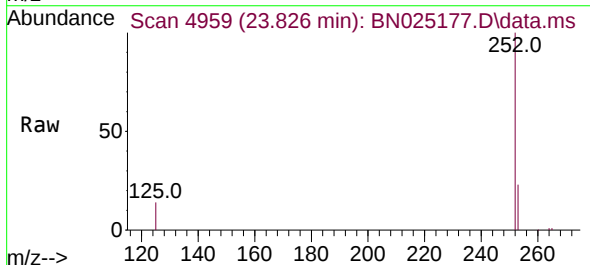
Manual Integrations
APPROVED

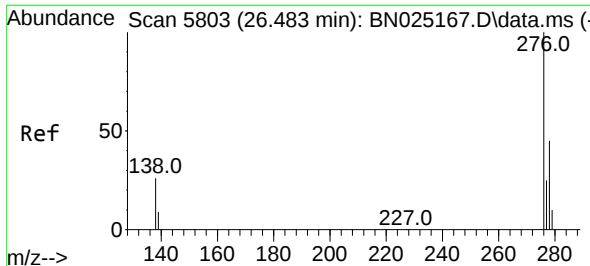
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#26
Benzo(a)pyrene
Concen: 13.308 ng/ul
RT: 23.826 min Scan# 4959
Delta R.T. -0.016 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

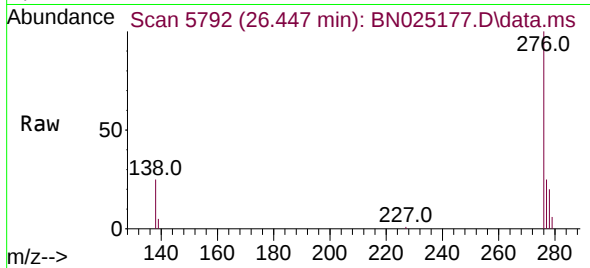
Tgt Ion:252 Resp: 1020836
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 13.7 14.6 22.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 8.350 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.036 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47

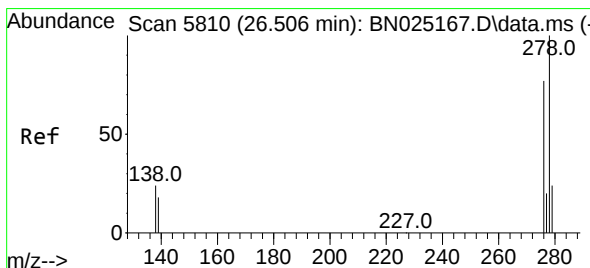
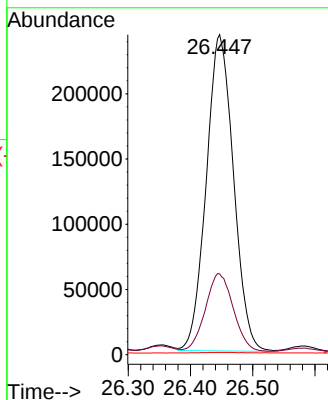
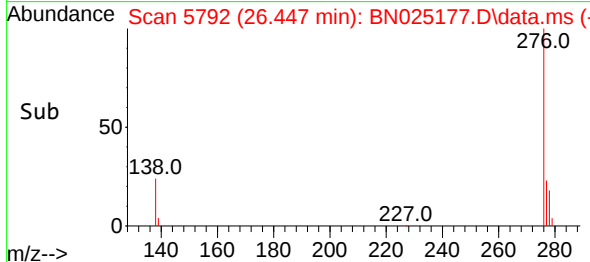
Instrument :
BNA_N
ClientSampleId :
EW8Z6



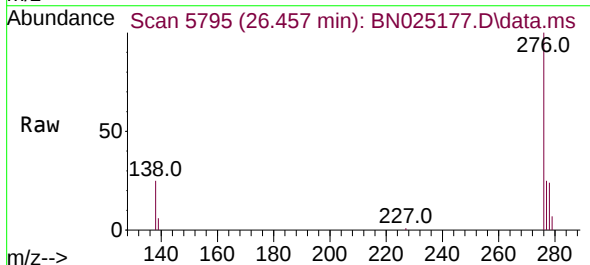
Tgt Ion:276 Resp: 738035
Ion Ratio Lower Upper
276 100
138 25.0 21.9 32.9
227 0.3 0.1 0.1

Manual Integrations
APPROVED

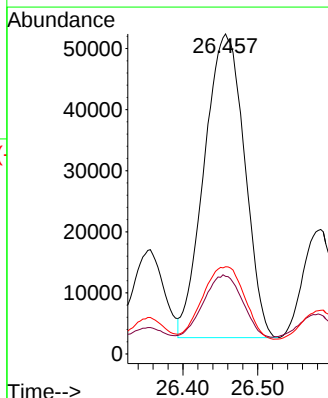
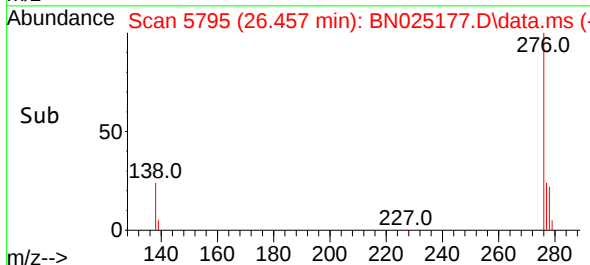
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

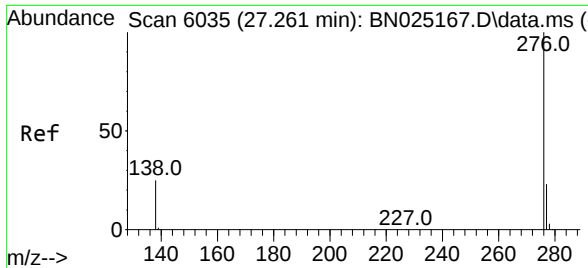


#28
Dibenzo(a,h)anthracene
Concen: 2.694 ng/ul
RT: 26.457 min Scan# 5795
Delta R.T. -0.049 min
Lab File: BN025177.D
Acq: 27 Apr 2023 14:47



Tgt Ion:278 Resp: 185955
Ion Ratio Lower Upper
278 100
139 24.3 17.0 25.6
279 27.2 21.8 32.8





#29

Benzo(g,h,i)perylene

Concen: 8.043 ng/ul

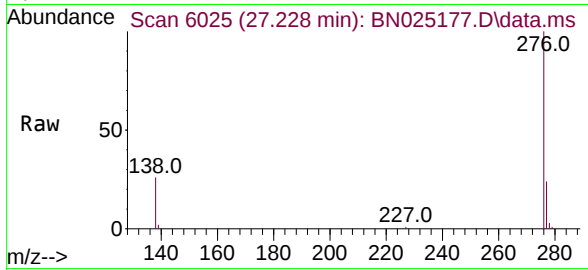
RT: 27.228 min Scan# 60

Delta R.T. -0.032 min

Lab File: BN025177.D

Acq: 27 Apr 2023 14:47

Instrument :
BNA_N
ClientSampleId :
EW8Z6



Tgt Ion:276 Resp: 604424

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.3	30.5
277	24.0	19.8	29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

