

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025249.D
 Acq On : 03 May 2023 20:55
 Operator : CG/JU
 Sample : 02447-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW939

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:31:13 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27087	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.566	164	19041	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	35109m	0.400	ng/ul	0.02
17) Chrysene-d12	21.494	240	18412m	0.400	ng/ul	-0.01
23) Perylene-d12	23.996	264	65744	0.400	ng/ul	# 0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	17177	2.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	5919	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	42557	0.876	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	1181435	17.022	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	453137	10.660	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	394172	8.699	ng/ul	100
10) Acenaphthylene	14.288	152	1921984	27.096	ng/ul	100
11) Acenaphthene	14.635	153	2336661	39.080	ng/ul	96
12) Fluorene	15.620	166	3196412	47.820	ng/ul	100
15) Phenanthrene	17.376	178	26073681m	263.105	ng/ul	
16) Anthracene	17.474	178	11766085	145.133	ng/ul	99
19) Fluoranthene	19.396	202	33101265	497.156	ng/ul#	89
20) Pyrene	19.763	202	29747749	434.854	ng/ul#	89
21) Benzo(a)anthracene	21.526	228	19471779	350.955	ng/ul#	85
22) Chrysene	21.587	228	19949685	329.616	ng/ul#	89
24) Benzo(b)fluoranthene	23.288	252	31572361m	118.368	ng/ul	
25) Benzo(k)fluoranthene	23.329	252	8799032m	34.296	ng/ul	
26) Benzo(a)pyrene	23.938	252	20251444m	91.765	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.651	276	16510820	64.933	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.625	278	4602802	23.174	ng/ul	97
29) Benzo(g,h,i)perylene	27.450	276	14918253	68.999	ng/ul	98

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

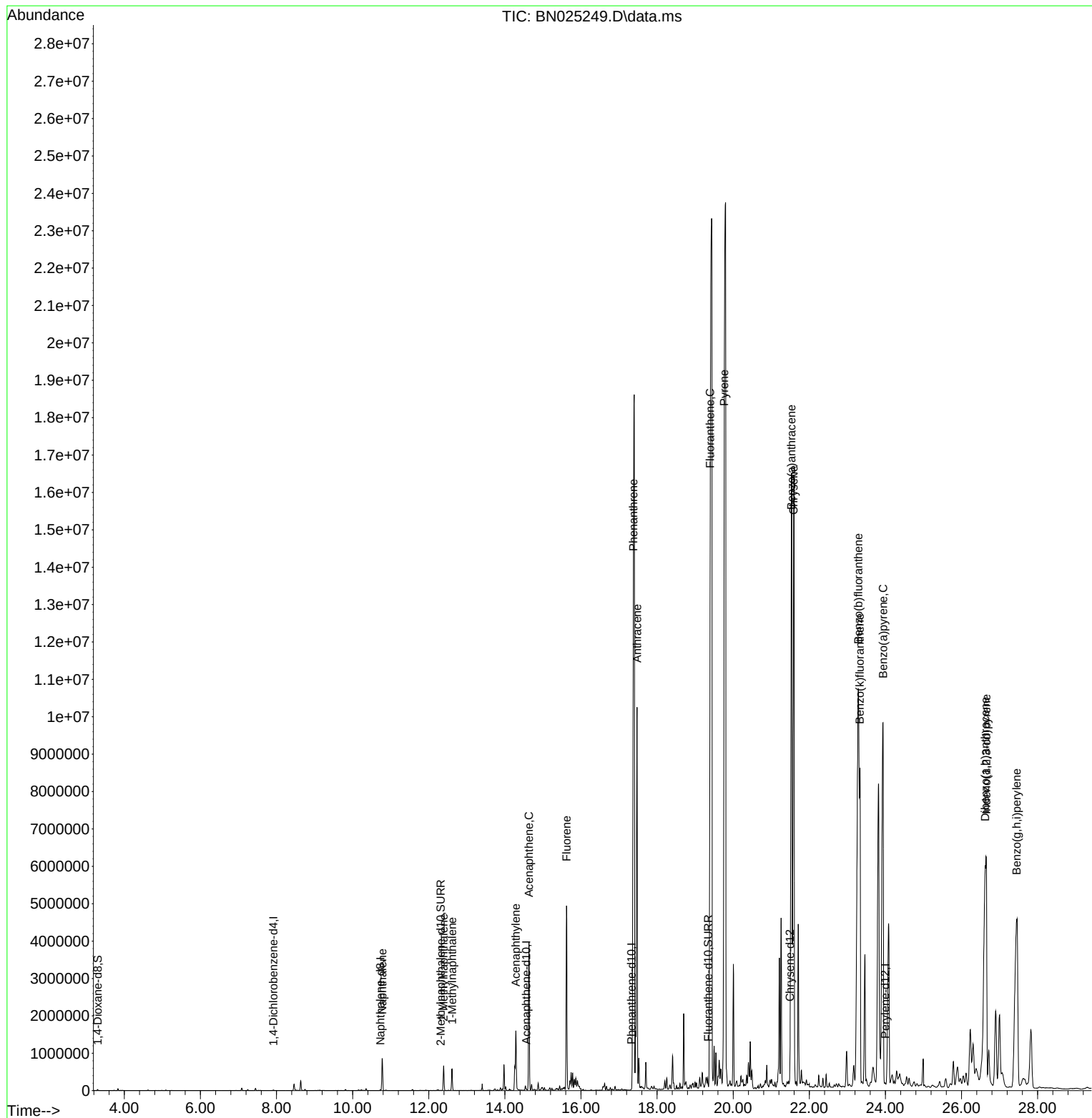
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025249.D
Acq On : 03 May 2023 20:55
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ALS Vial : 17 Sample Multiplier: 1

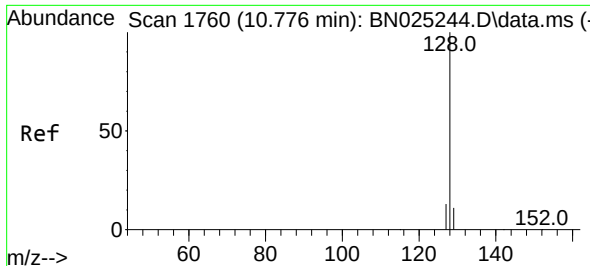
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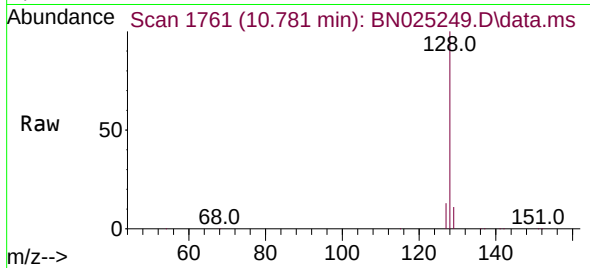
Quant Time: May 04 04:31:13 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
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#5
Naphthalene
Concen: 17.022 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

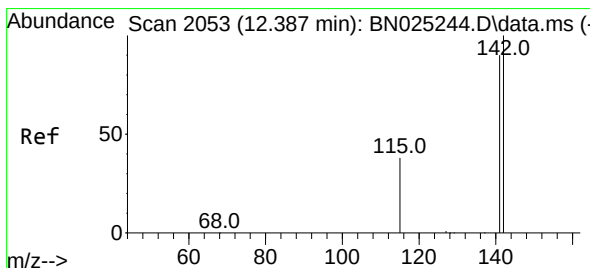
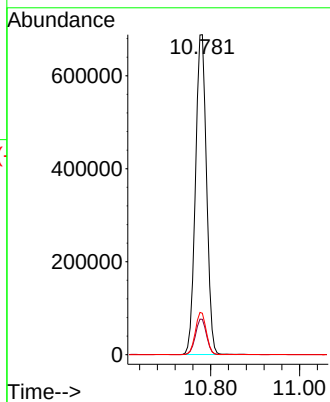
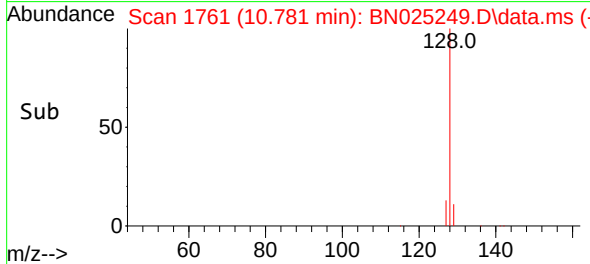
Instrument :
BNA_N
ClientSampleId :
EW939



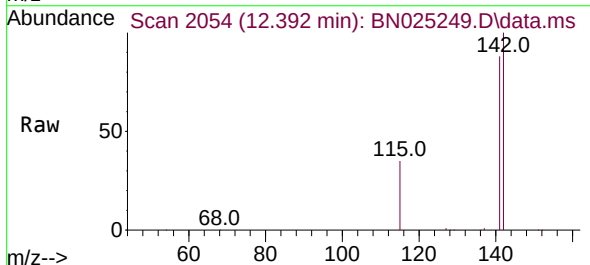
Tgt Ion:128 Resp: 118143
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.7 16.1

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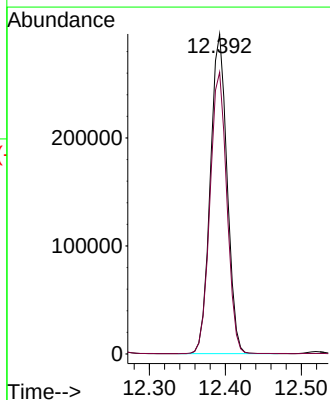
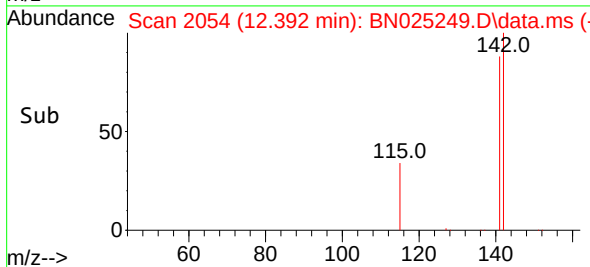
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

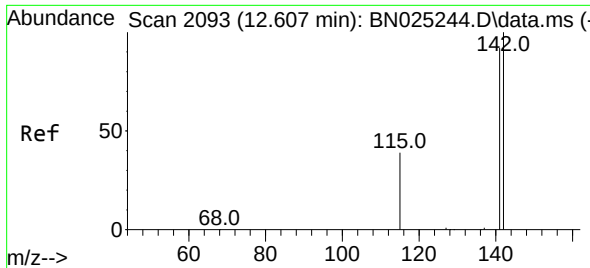


#7
2-Methylnaphthalene
Concen: 10.660 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55



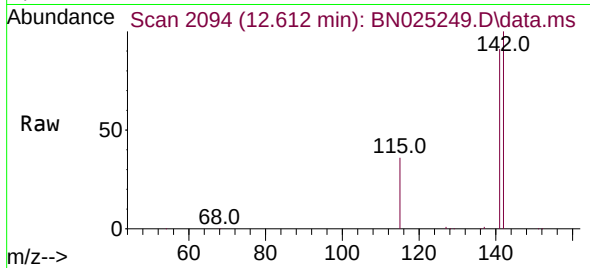
Tgt Ion:142 Resp: 453137
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#8
1-Methylnaphthalene
Concen: 8.699 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

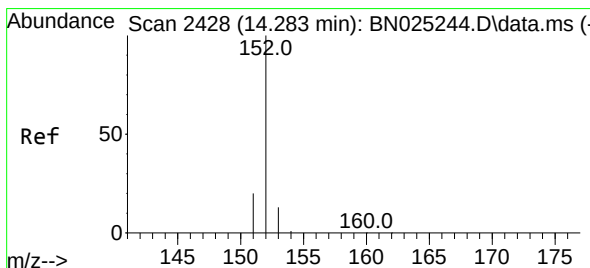
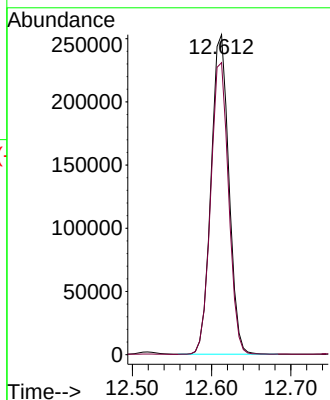
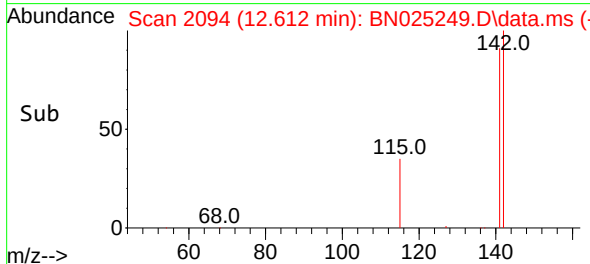
Instrument :
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Tgt Ion:142 Resp: 394172
Ion Ratio Lower Upper
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141 91.8 73.8 110.6

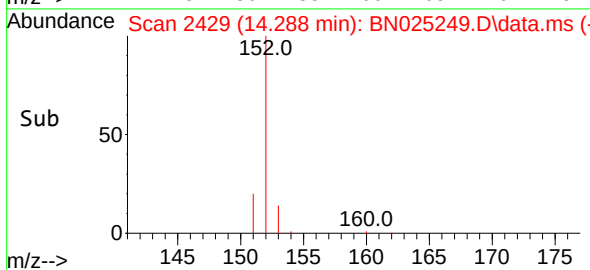
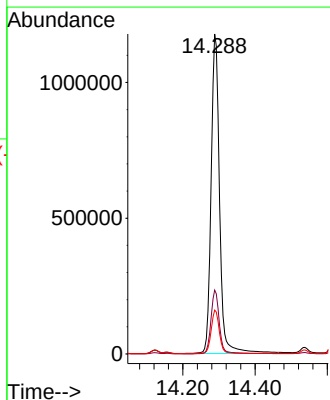
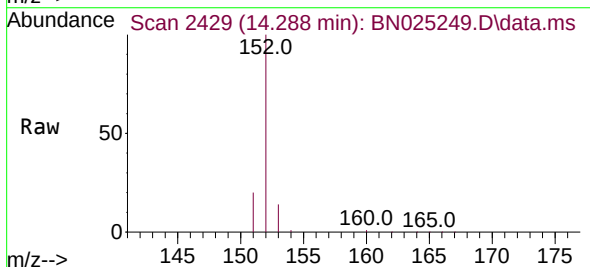
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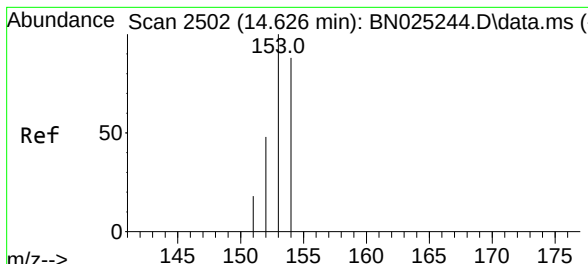
Reviewed By :Christian Giraldo 05/04/2023
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#10
Acenaphthylene
Concen: 27.096 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. 0.010 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

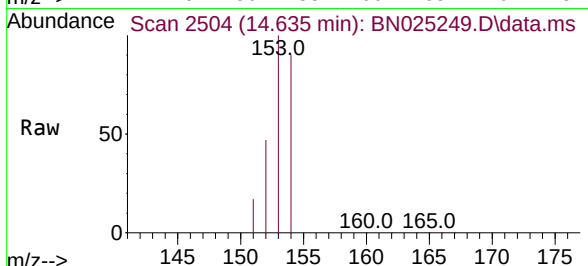
Tgt Ion:152 Resp: 1921984
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.7 10.8 16.2





#11
Acenaphthene
Concen: 39.080 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. 0.015 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

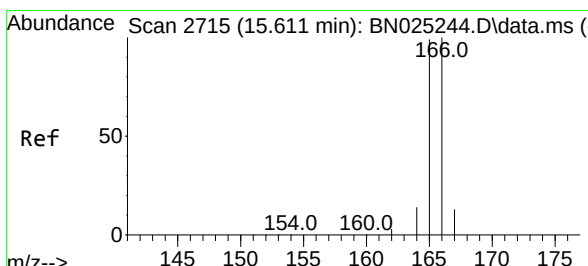
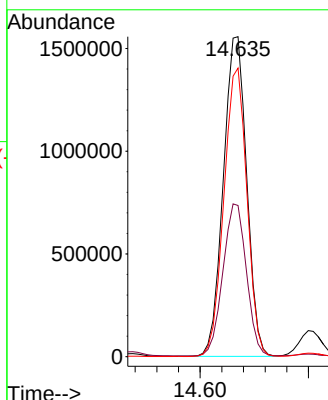
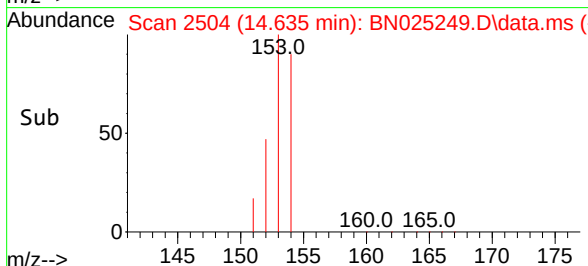
Instrument :
BNA_N
ClientSampleId :
EW939



Tgt Ion:153 Resp: 233666
Ion Ratio Lower Upper
153 100
152 47.3 40.2 60.4
154 90.2 69.4 104.2

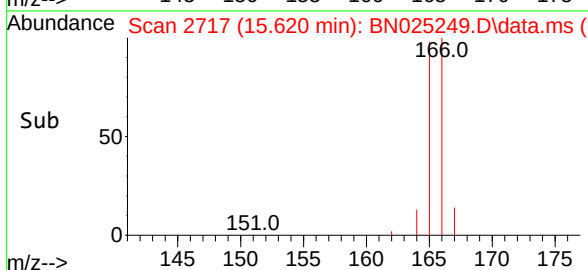
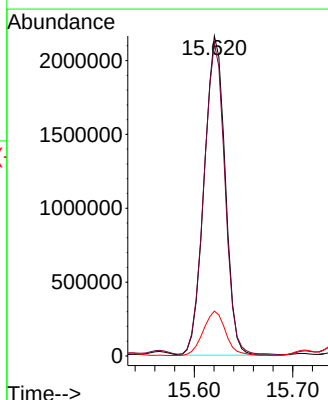
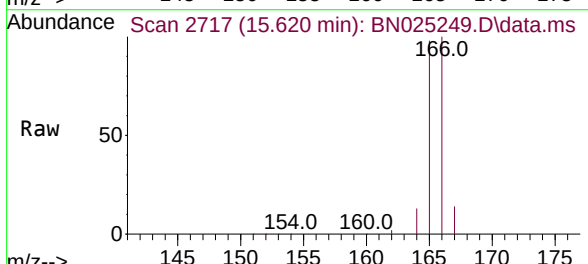
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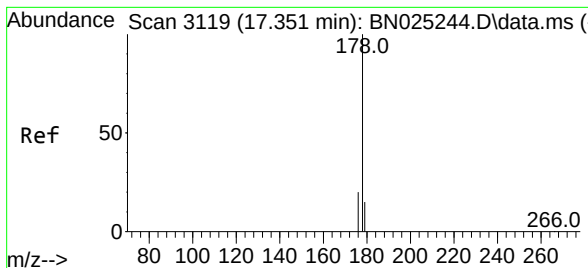
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 47.820 ng/u1
RT: 15.620 min Scan# 2717
Delta R.T. 0.010 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

Tgt Ion:166 Resp: 3196412
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.0 11.0 16.6





#15

Phenanthrene

Concen: 263.105 ng/ul m

RT: 17.376 min Scan# 3119

Delta R.T. 0.026 min

Lab File: BN025249.D

Acq: 03 May 2023 20:55

Instrument :

BNA_N

ClientSampleId :

EW939

Tgt Ion:178 Resp:2607368

Ion Ratio Lower Upper

178 100

179 19.4 12.5 18.7

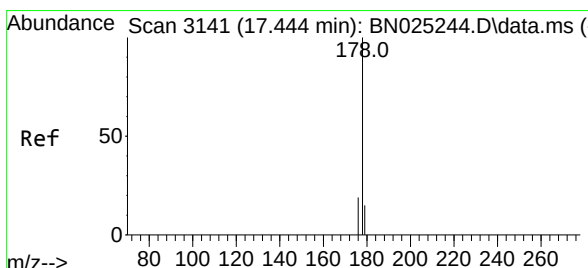
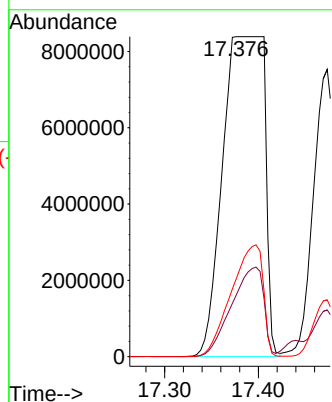
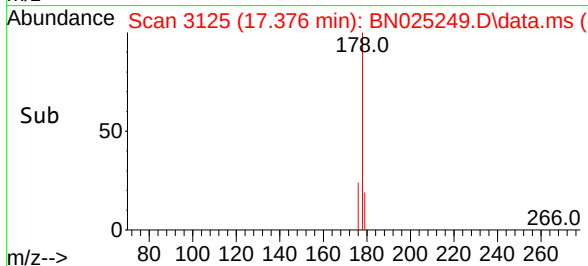
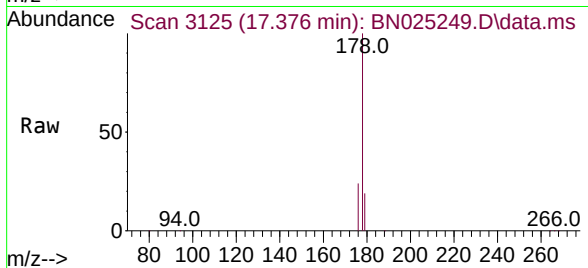
176 24.4 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#16

Anthracene

Concen: 145.133 ng/ul

RT: 17.474 min Scan# 3148

Delta R.T. 0.030 min

Lab File: BN025249.D

Acq: 03 May 2023 20:55

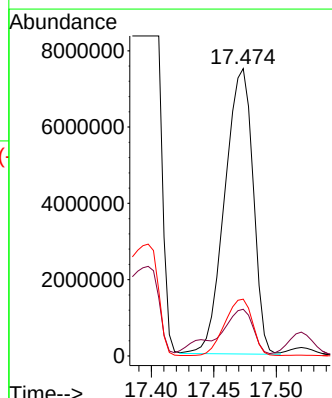
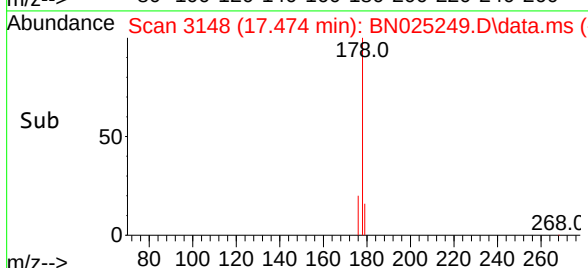
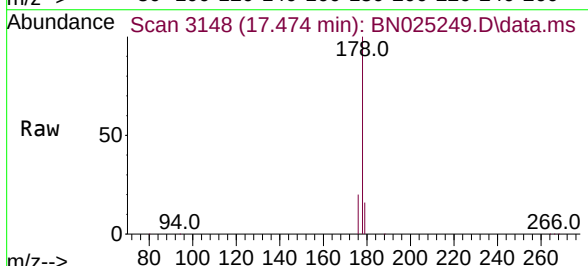
Tgt Ion:178 Resp:11766085

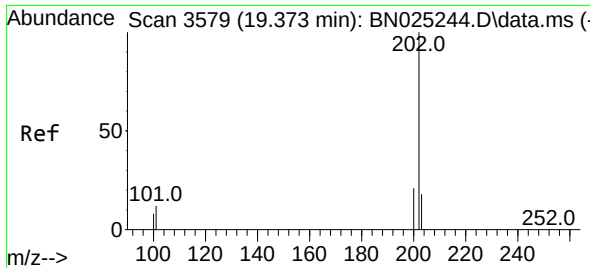
Ion Ratio Lower Upper

178 100

179 16.3 12.7 19.1

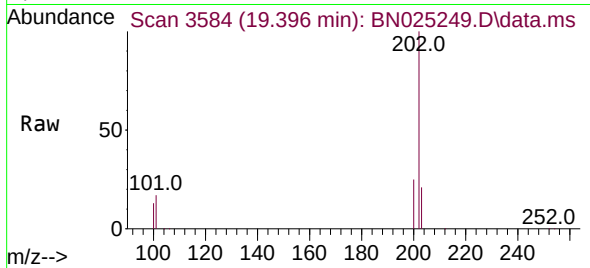
176 19.8 15.3 22.9





#19
Fluoranthene
Concen: 497.156 ng/u1
RT: 19.396 min Scan# 3584
Delta R.T. 0.025 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

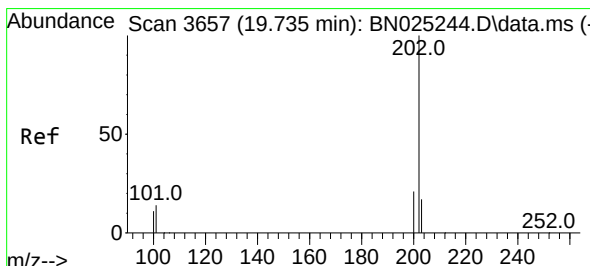
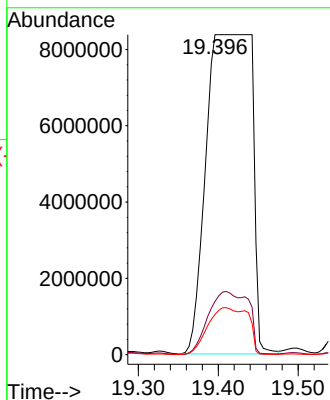
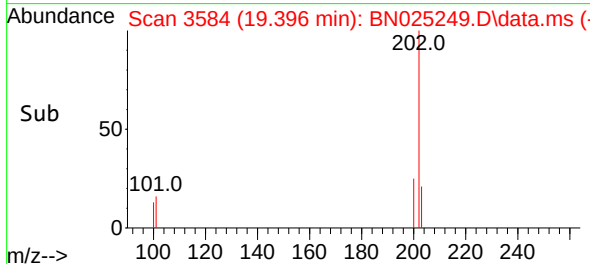
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Tgt Ion:202 Resp:3310126
Ion Ratio Lower Upper
202 100
101 16.7 9.7 14.5
100 12.6 7.3 10.9

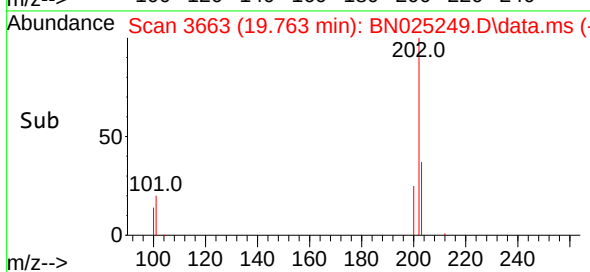
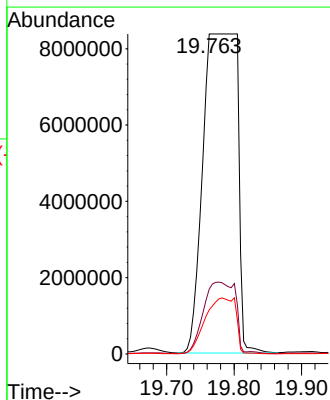
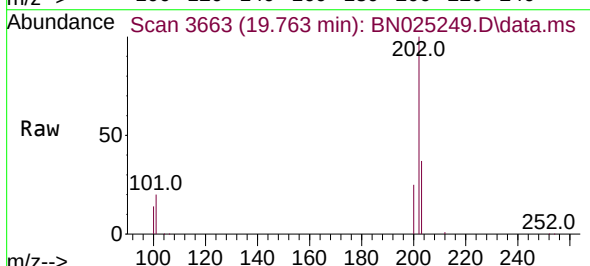
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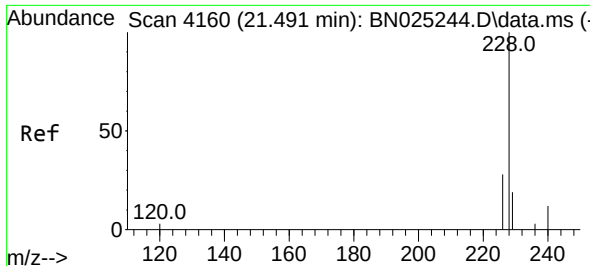
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 434.854 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. 0.029 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

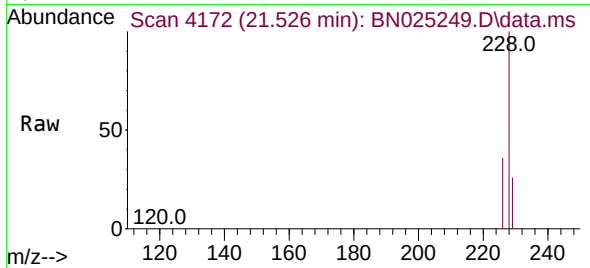
Tgt Ion:202 Resp:29747749
Ion Ratio Lower Upper
202 100
101 20.3 11.3 16.9
100 13.8 9.2 13.8





#21
Benzo(a)anthracene
Concen: 350.955 ng/u1
RT: 21.526 min Scan# 4172
Delta R.T. 0.039 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

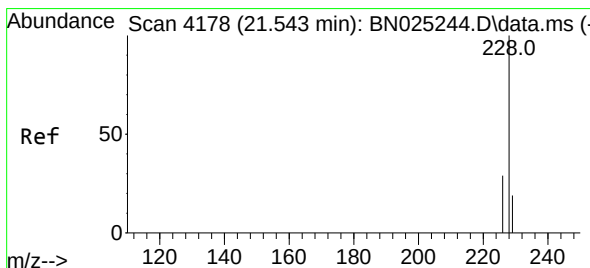
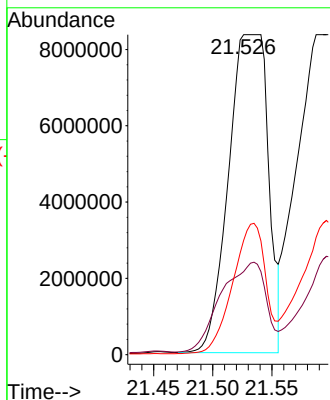
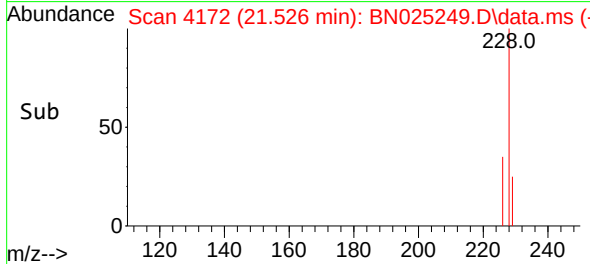
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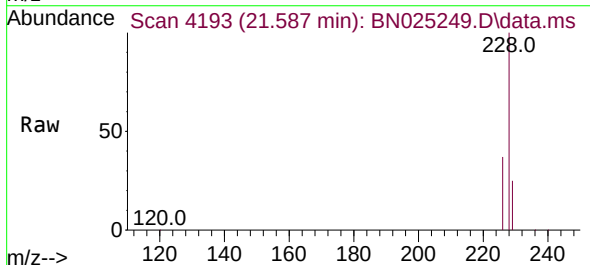
Tgt Ion:228 Resp:19471779
Ion Ratio Lower Upper
228 100
229 25.9 15.6 23.4
226 35.7 22.1 33.1

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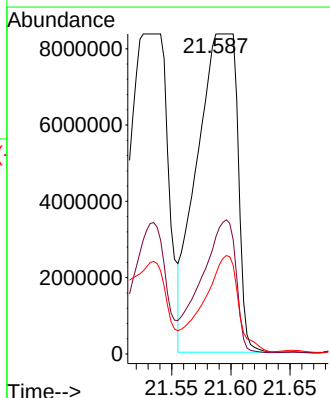
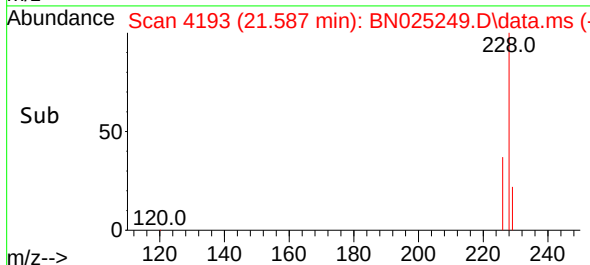
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Supervised By :Jagrut Upadhyay 05/04/2023

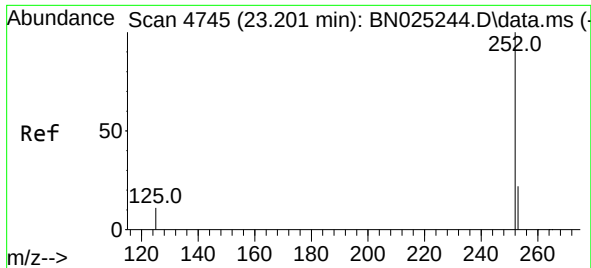


#22
Chrysene
Concen: 329.616 ng/u1
RT: 21.587 min Scan# 4193
Delta R.T. 0.048 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55



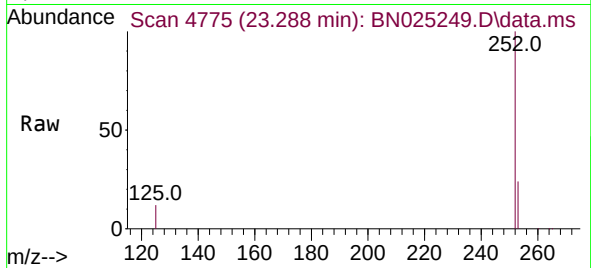
Tgt Ion:228 Resp:19949685
Ion Ratio Lower Upper
228 100
226 36.6 24.5 36.7
229 25.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 118.368 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. 0.092 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

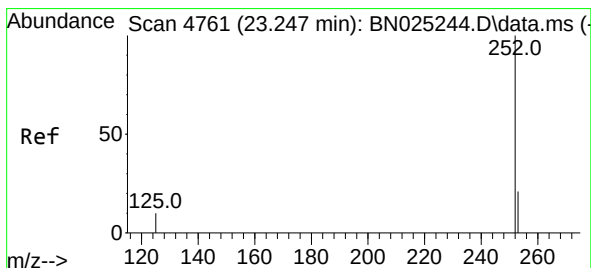
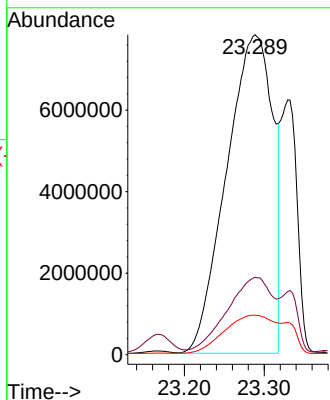
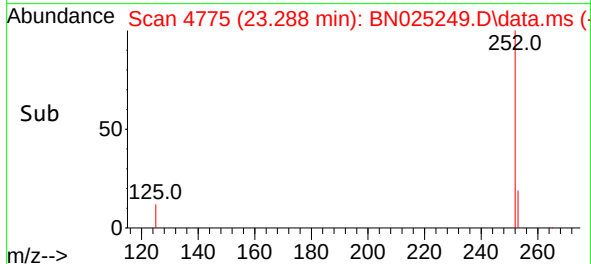
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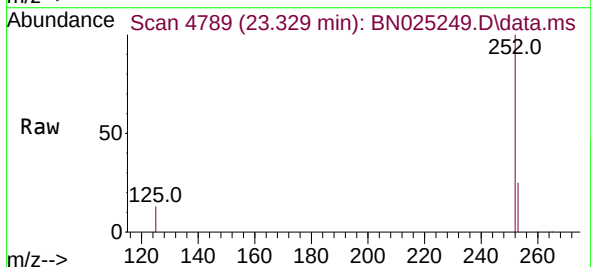
Tgt Ion:252 Resp:3157236
Ion Ratio Lower Upper
252 100
253 24.2 0.0 50.2
125 12.4 0.0 30.4

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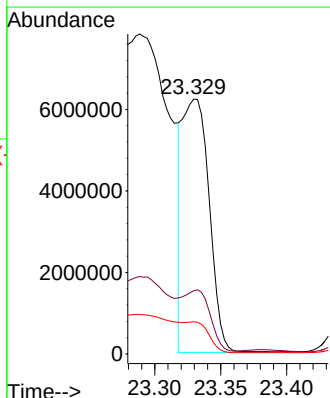
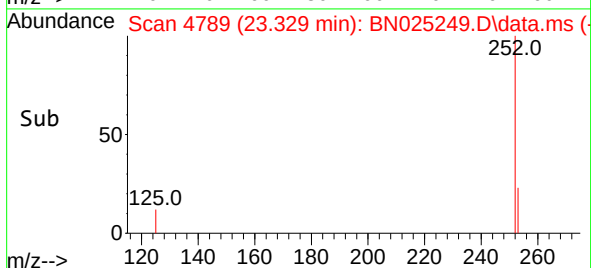
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

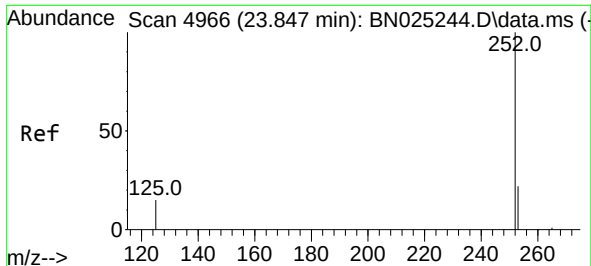


#25
Benzo(k)fluoranthene
Concen: 34.296 ng/ul m
RT: 23.329 min Scan# 4789
Delta R.T. 0.083 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55



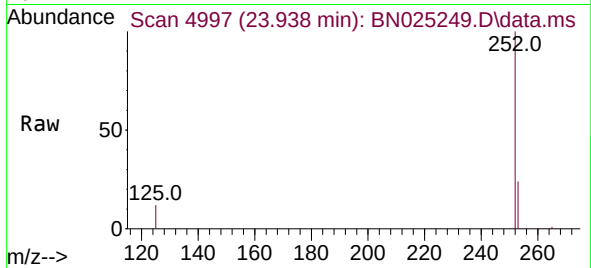
Tgt Ion:252 Resp: 8799032
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 12.6 11.8 17.8





#26
Benzo(a)pyrene
Concen: 91.765 ng/ul m
RT: 23.938 min Scan# 4966
Delta R.T. 0.110 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

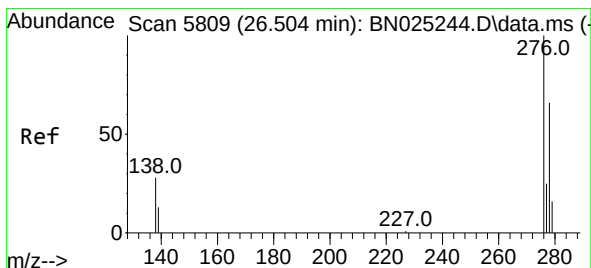
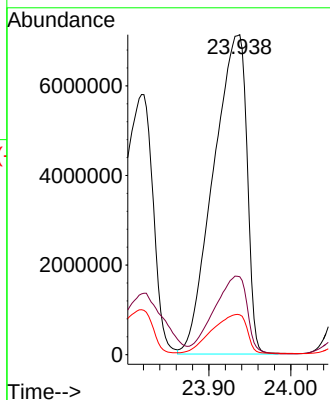
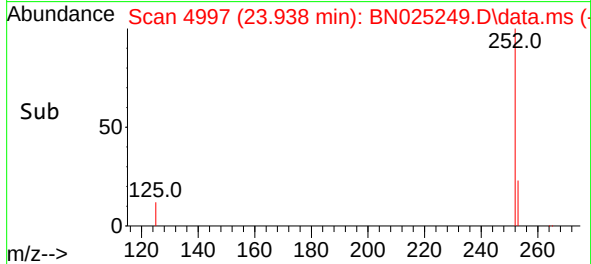
Instrument :
BNA_N
ClientSampleId :
EW939



Tgt Ion:252 Resp:2025144
Ion Ratio Lower Upper
252 100
253 24.4 21.4 32.2
125 12.5 14.6 22.0

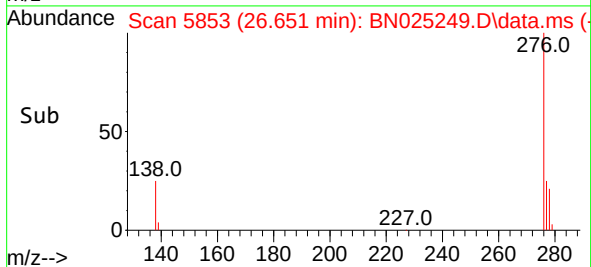
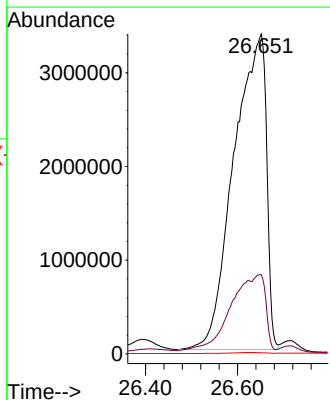
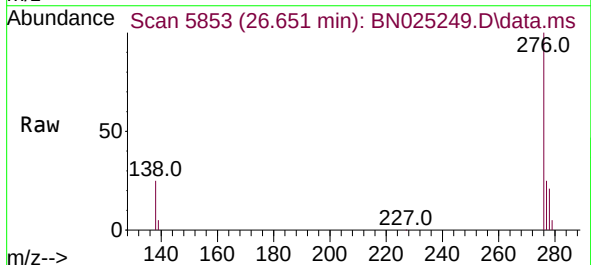
Manual Integrations
APPROVED

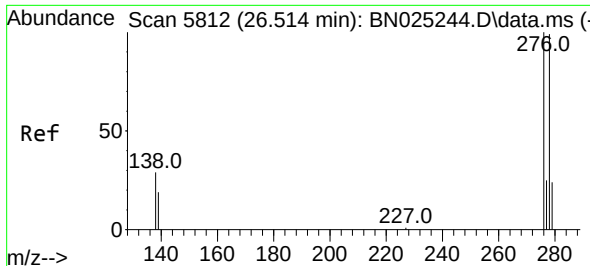
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 64.933 ng/ul
RT: 26.651 min Scan# 5853
Delta R.T. 0.176 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

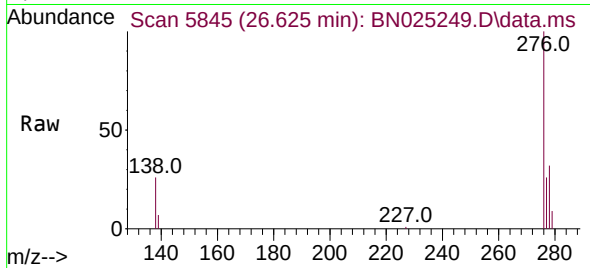
Tgt Ion:276 Resp:16510820
Ion Ratio Lower Upper
276 100
138 25.3 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 23.174 ng/ul
RT: 26.625 min Scan# 5812
Delta R.T. 0.132 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55

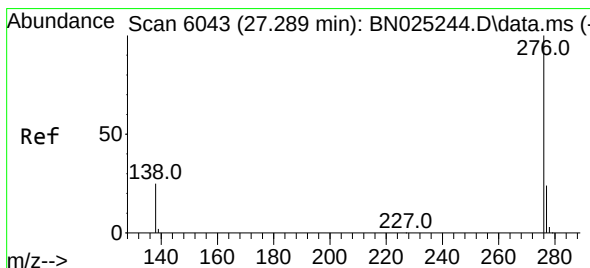
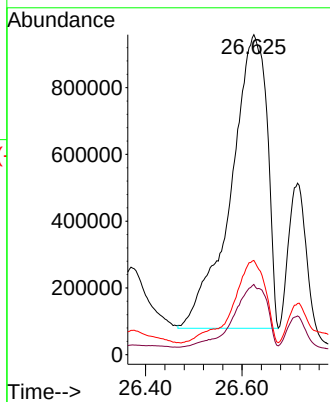
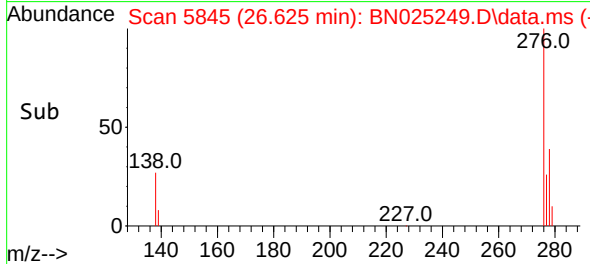
Instrument :
BNA_N
ClientSampleId :
EW939



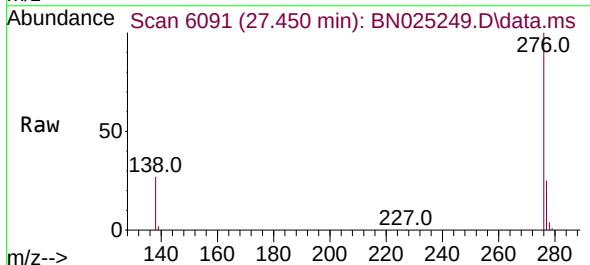
Tgt Ion:278 Resp: 460280
Ion Ratio Lower Upper
278 100
139 21.9 17.0 25.6
279 29.4 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 68.999 ng/ul
RT: 27.450 min Scan# 6091
Delta R.T. 0.189 min
Lab File: BN025249.D
Acq: 03 May 2023 20:55



Tgt Ion:276 Resp:14918253
Ion Ratio Lower Upper
276 100
138 26.9 20.3 30.5
277 25.0 19.8 29.6

