

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025257.D
 Acq On : 04 May 2023 01:41
 Operator : CG/JU
 Sample : 02447-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW936DL

Manual Integrations
 APPROVED

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

Quant Time: May 04 05:57:40 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	7.921	152	7086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23328	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	13434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	28669	0.400	ng/ul	0.01
17) Chrysene-d12	21.520	240	17897	0.400	ng/ul	# 0.02
23) Perylene-d12	23.975	264	23338	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5038	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1660	0.055	ng/ul	0.01
18) Fluoranthene-d10	19.353	212	3519	0.075	ng/ul	0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	35386	0.592	ng/ul	100
7) 2-Methylnaphthalene	12.398	142	14252	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	13309	0.341	ng/ul	99
10) Acenaphthylene	14.292	152	43932	0.878	ng/ul	98
11) Acenaphthene	14.635	153	114079	2.704	ng/ul	98
12) Fluorene	15.620	166	121573	2.578	ng/ul	99
15) Phenanthrene	17.364	178	2041244	25.225	ng/ul	100
16) Anthracene	17.456	178	494270	7.466	ng/ul	99
19) Fluoranthene	19.386	202	3312684	51.186	ng/ul	97
20) Pyrene	19.749	202	2768376	41.633	ng/ul	97
21) Benzo(a)anthracene	21.502	228	1154822	21.413	ng/ul	98
22) Chrysene	21.555	228	1098694	18.675	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252	1344814m	14.203	ng/ul	
25) Benzo(k)fluoranthene	23.264	252	492582m	5.408	ng/ul	
26) Benzo(a)pyrene	23.870	252	968053	12.357	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	664284	7.359	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.544	278	154857	2.196	ng/ul#	91
29) Benzo(g,h,i)perylene	27.338	276	600526	7.824	ng/ul	99

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

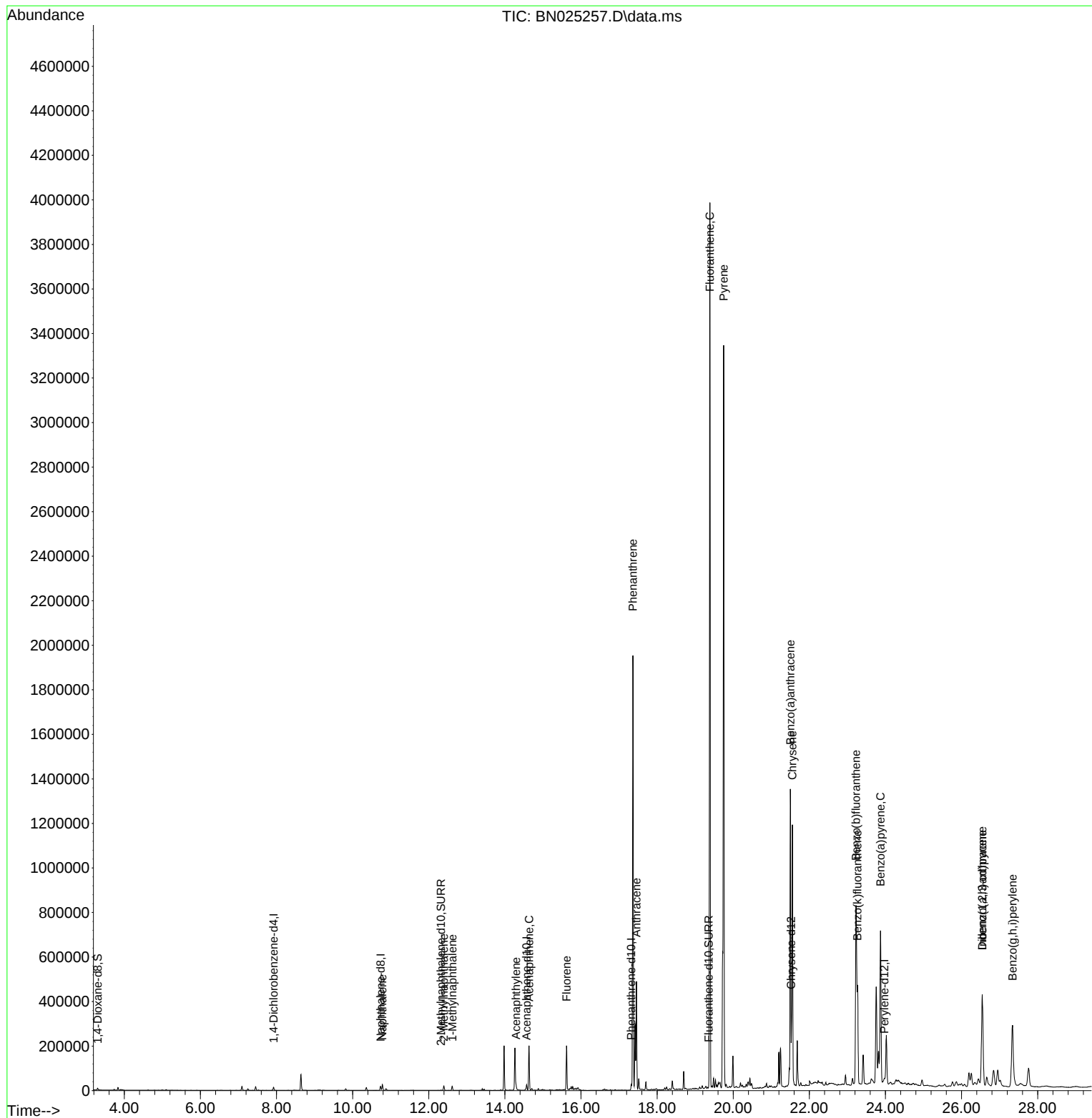
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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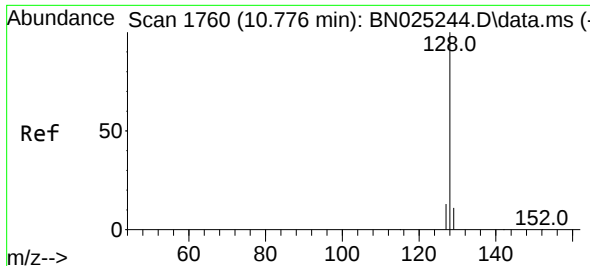
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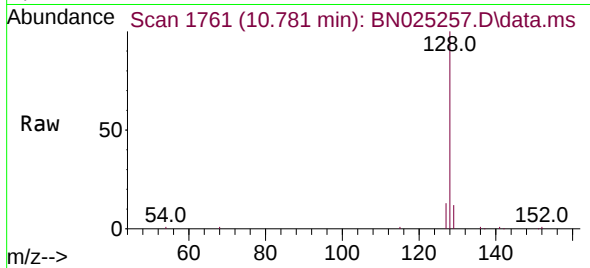
Quant Time: May 04 05:57:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.592 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

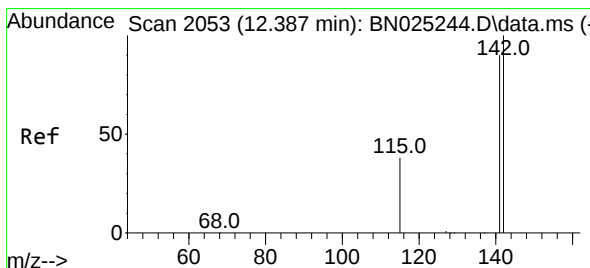
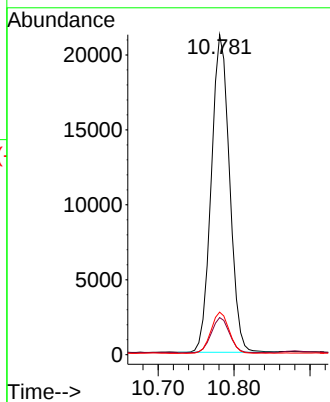
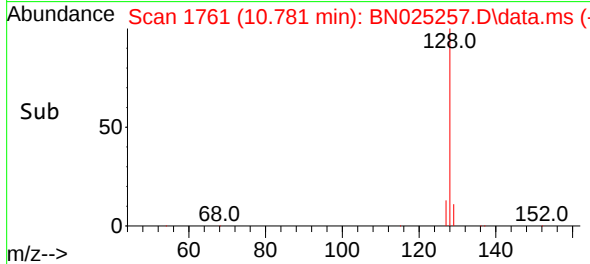
Instrument :
BNA_N
ClientSampleId :
EW936DL



Tgt Ion:128 Resp: 35380
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.7 16.1

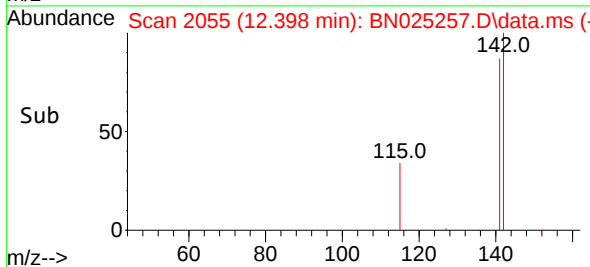
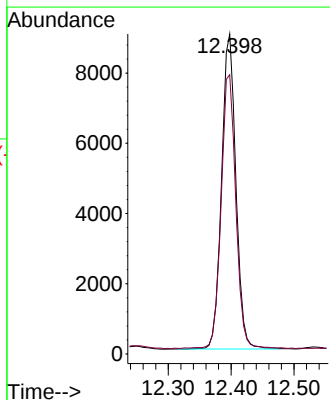
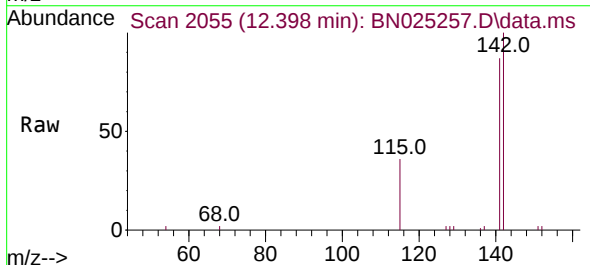
Manual Integrations
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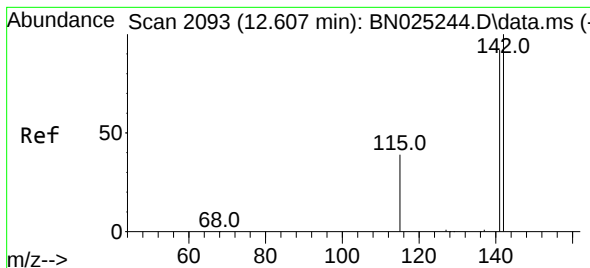
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

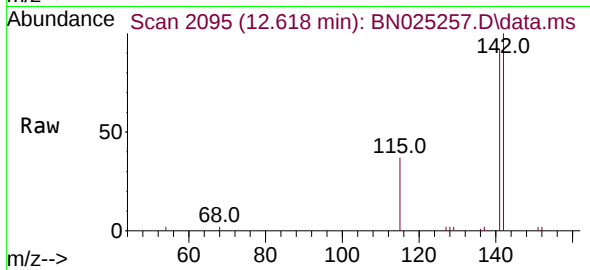
Tgt Ion:142 Resp: 14252
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

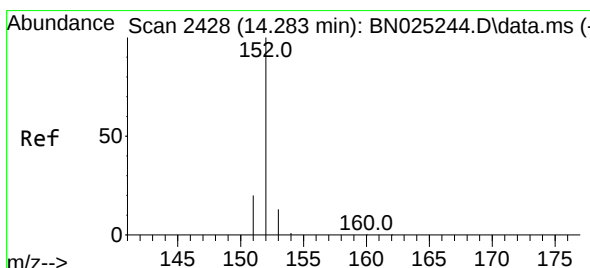
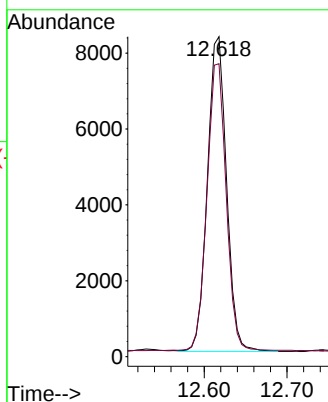
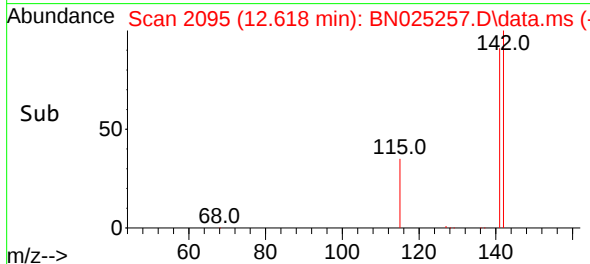
Instrument :
BNA_N
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EW936DL



Tgt Ion:142 Resp: 13309
Ion Ratio Lower Upper
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141 91.4 73.8 110.6

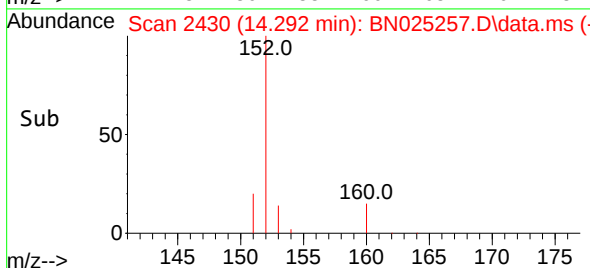
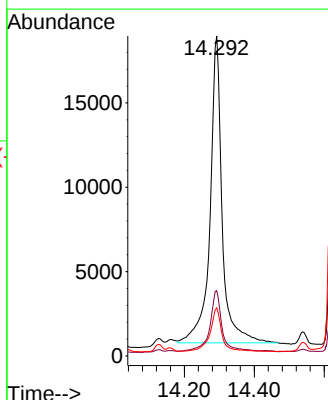
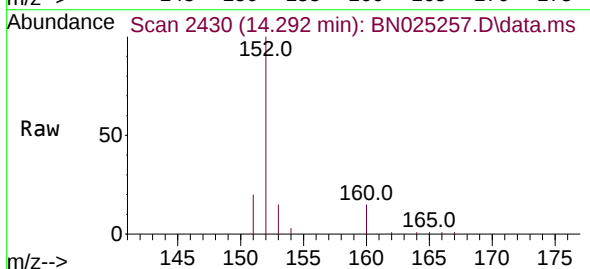
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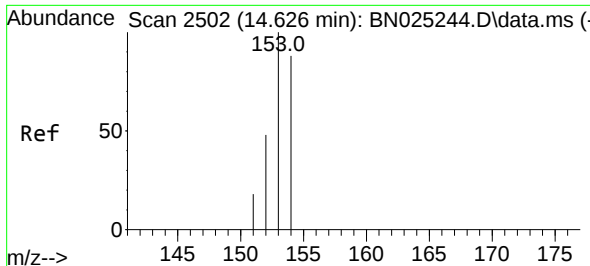
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 0.878 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

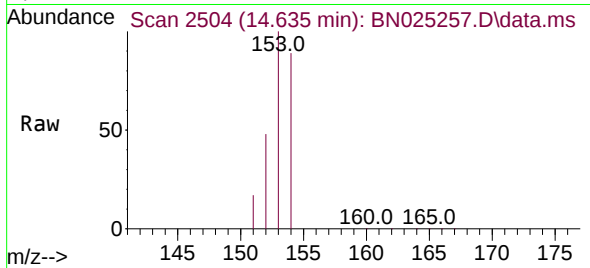
Tgt Ion:152 Resp: 43932
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 15.1 10.8 16.2





#11
Acenaphthene
Concen: 2.704 ng/u1
RT: 14.635 min Scan# 2504
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

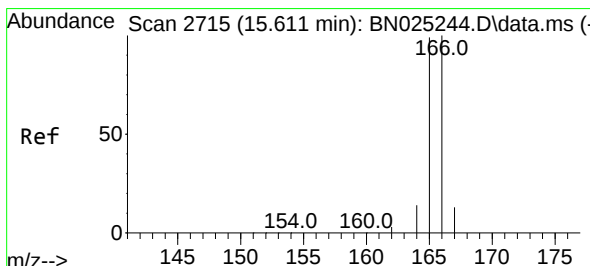
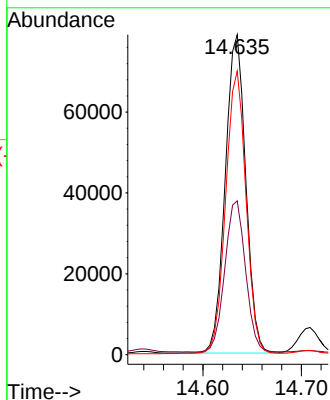
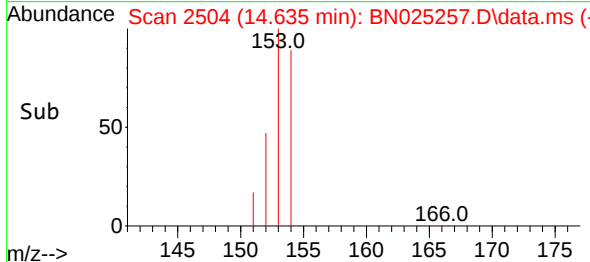
Instrument :
BNA_N
ClientSampleId :
EW936DL



Tgt Ion:153 Resp: 114079
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.6 69.4 104.2

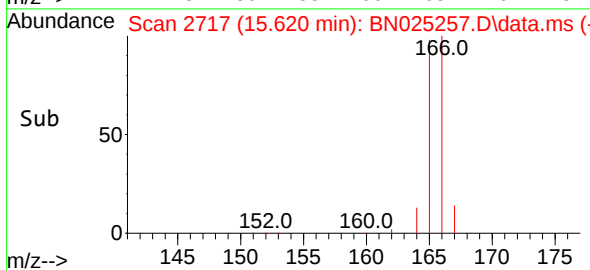
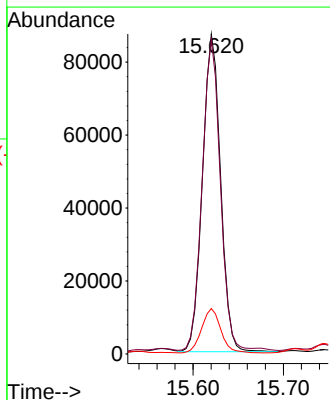
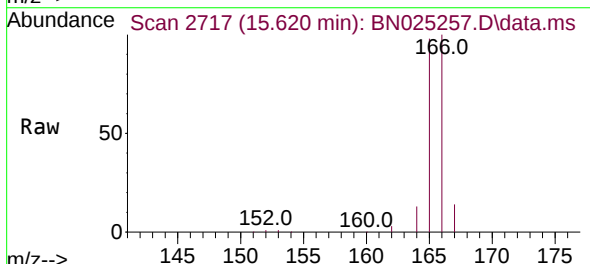
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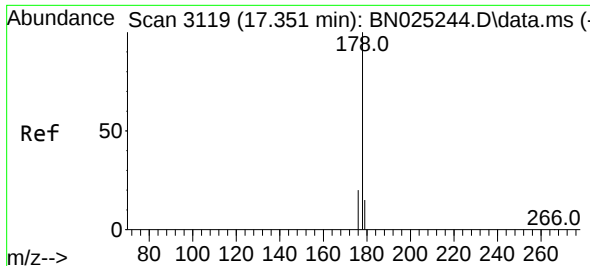
Reviewed By :Christian Giraldo 05/04/2023
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#12
Fluorene
Concen: 2.578 ng/u1
RT: 15.620 min Scan# 2717
Delta R.T. 0.010 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

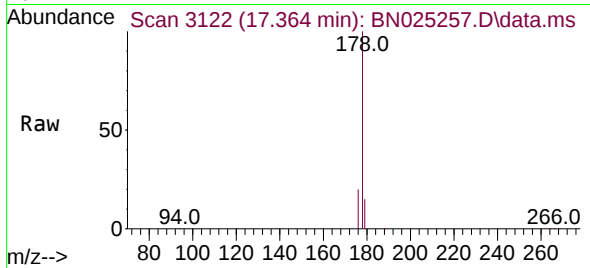
Tgt Ion:166 Resp: 121573
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 14.2 11.0 16.6





#15
Phenanthrene
Concen: 25.225 ng/ul
RT: 17.364 min Scan# 3119
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

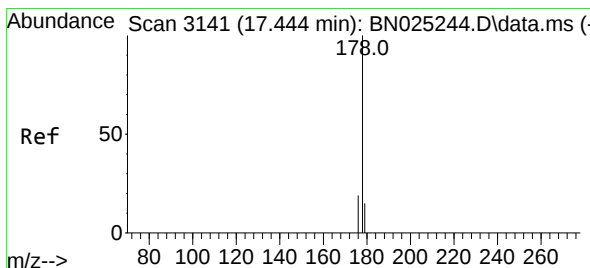
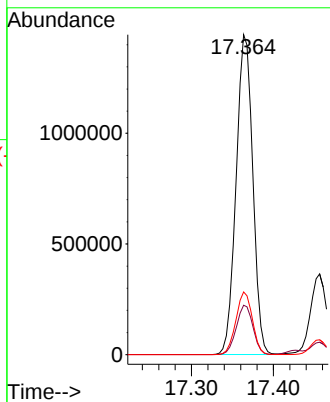
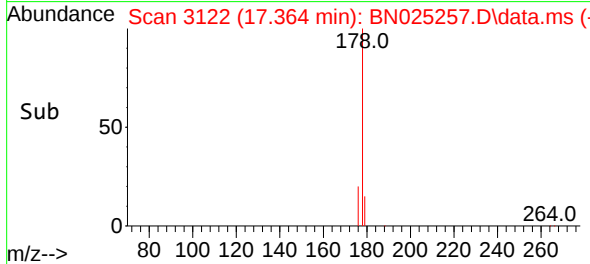
Instrument :
BNA_N
ClientSampleId :
EW936DL



Tgt Ion:178 Resp: 2041244
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.6 15.6 23.4

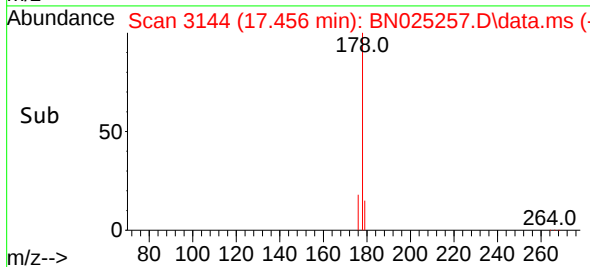
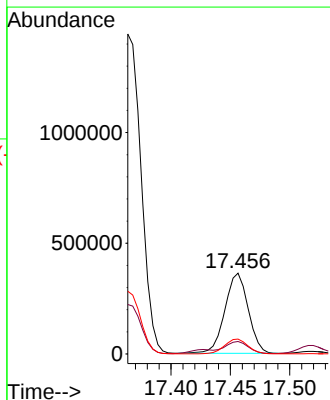
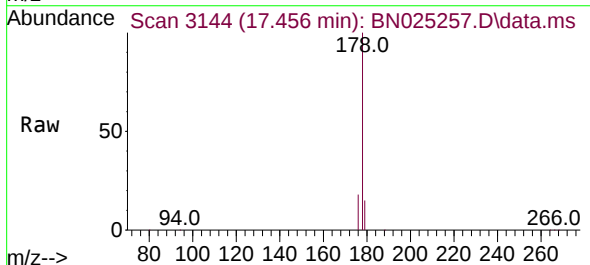
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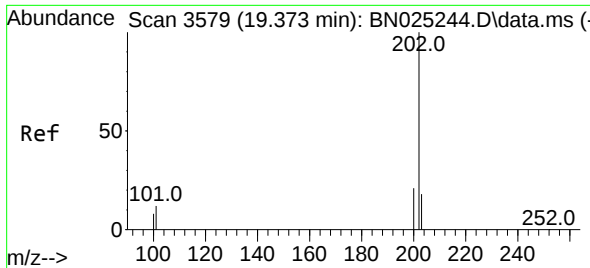
Reviewed By :Christian Giraldo 05/04/2023
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#16
Anthracene
Concen: 7.466 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

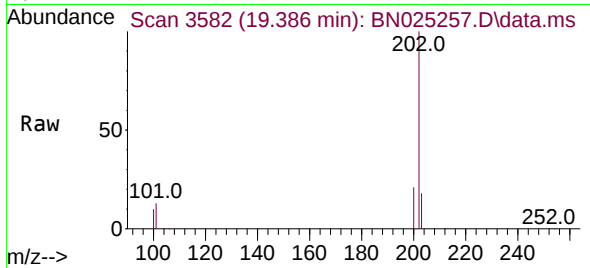
Tgt Ion:178 Resp: 494270
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.5 15.3 22.9





#19
Fluoranthene
Concen: 51.186 ng/u1
RT: 19.386 min Scan# 3582
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

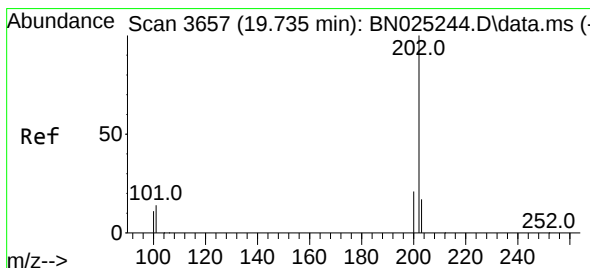
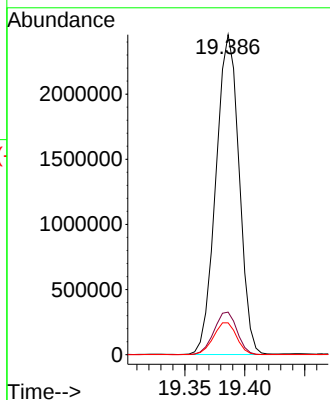
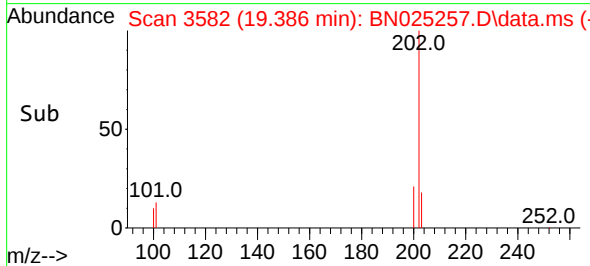
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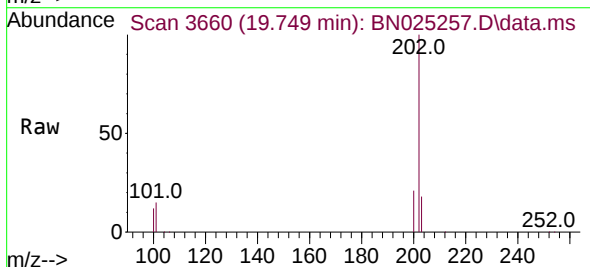
Tgt Ion:202 Resp: 3312684
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 9.9 7.3 10.9

Manual Integrations
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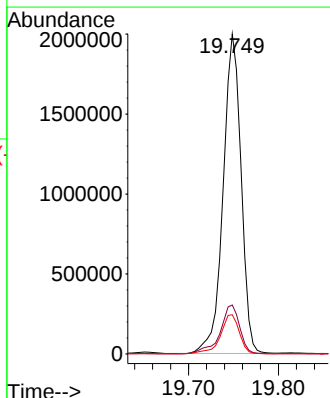
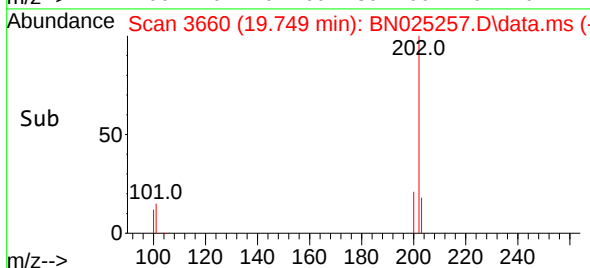
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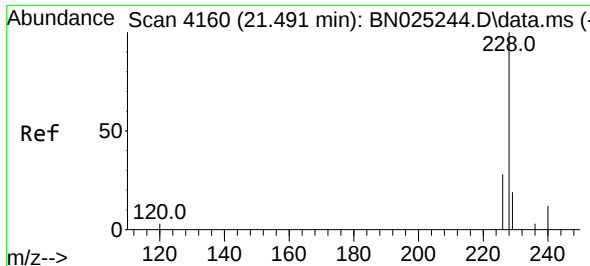


#20
Pyrene
Concen: 41.633 ng/u1
RT: 19.749 min Scan# 3660
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41



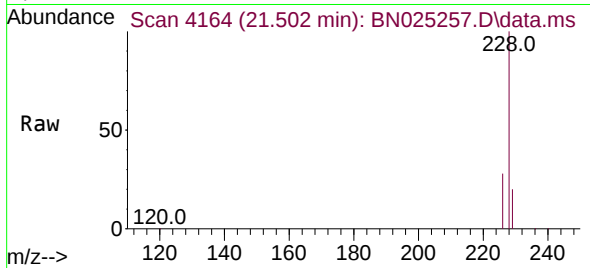
Tgt Ion:202 Resp: 2768376
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.3 9.2 13.8





#21
Benzo(a)anthracene
Concen: 21.413 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

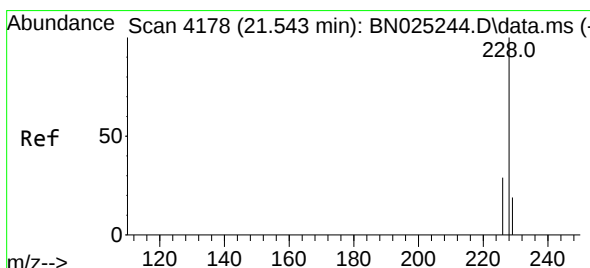
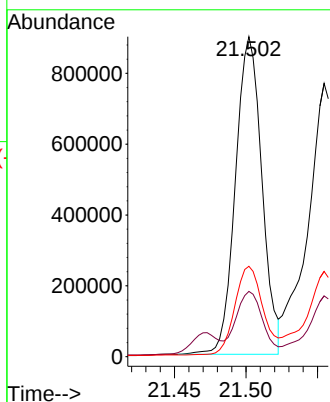
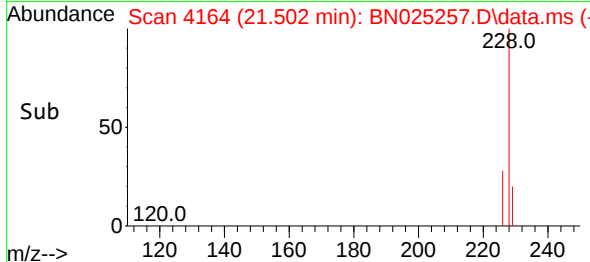
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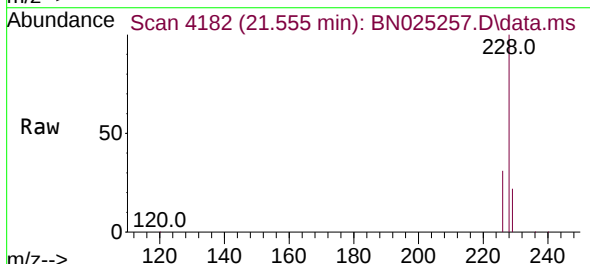
Tgt Ion:228 Resp: 115482
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.3 22.1 33.1

Manual Integrations
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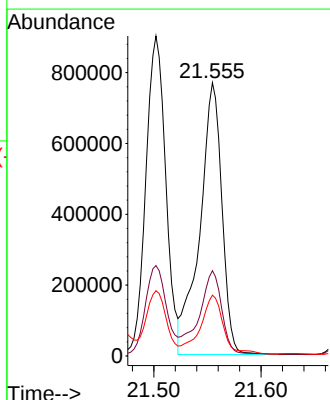
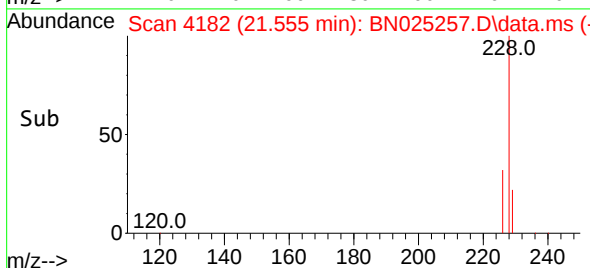
Reviewed By :Christian Giraldo 05/04/2023
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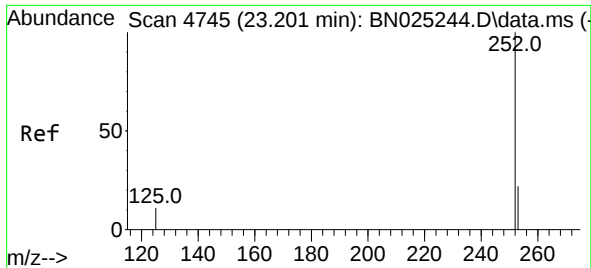


#22
Chrysene
Concen: 18.675 ng/ul
RT: 21.555 min Scan# 4182
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41



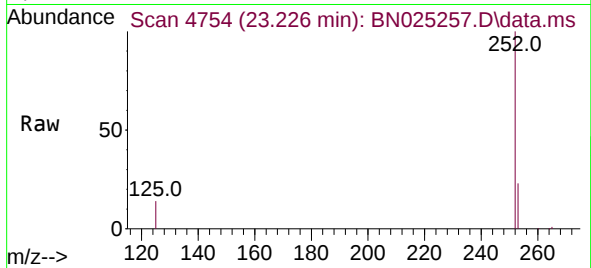
Tgt Ion:228 Resp: 1098694
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 14.203 ng/ul m
RT: 23.226 min Scan# 4754
Delta R.T. 0.030 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

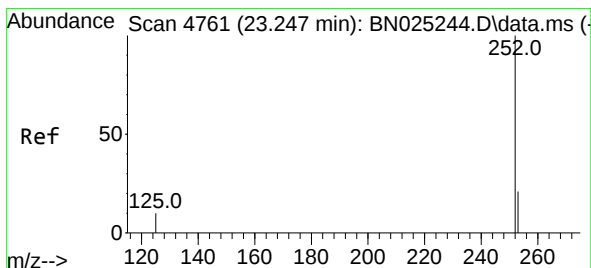
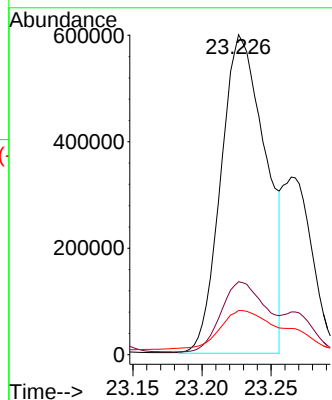
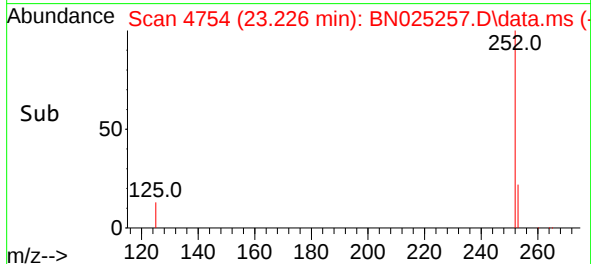
Instrument :
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Tgt Ion:252 Resp: 1344814
Ion Ratio Lower Upper
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253 22.8 0.0 50.2
125 13.8 0.0 30.4

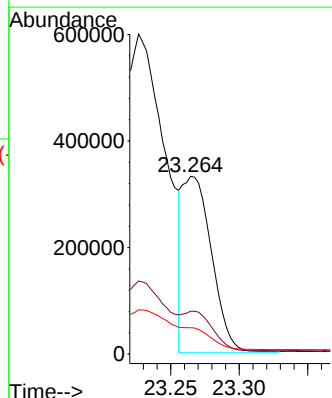
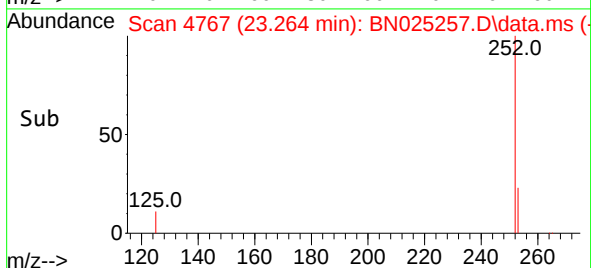
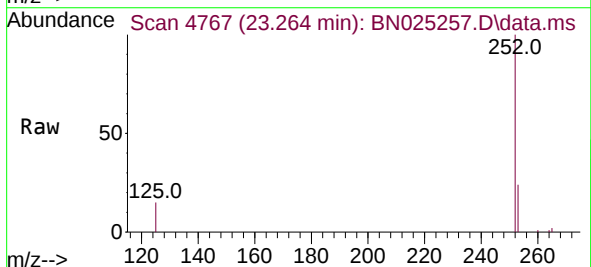
Manual Integrations
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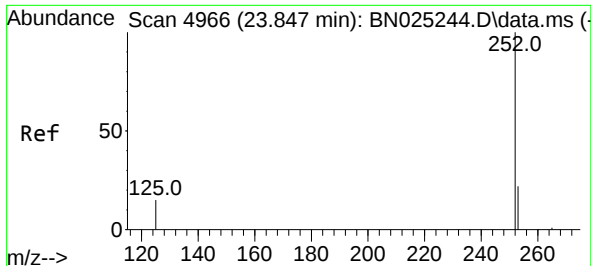
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#25
Benzo(k)fluoranthene
Concen: 5.408 ng/ul m
RT: 23.264 min Scan# 4767
Delta R.T. 0.018 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

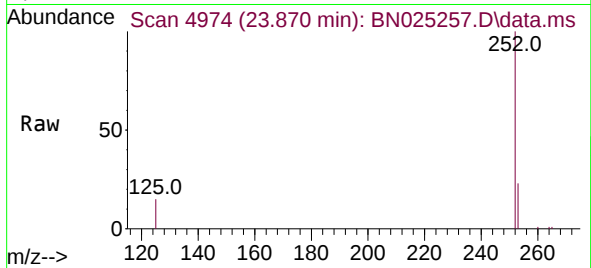
Tgt Ion:252 Resp: 492582
Ion Ratio Lower Upper
252 100
253 24.0 20.2 30.4
125 14.7 11.8 17.8





#26
Benzo(a)pyrene
Concen: 12.357 ng/ul
RT: 23.870 min Scan# 4966
Delta R.T. 0.042 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

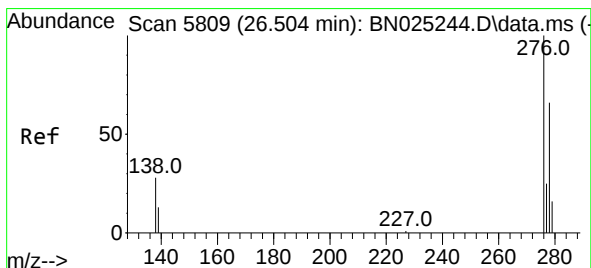
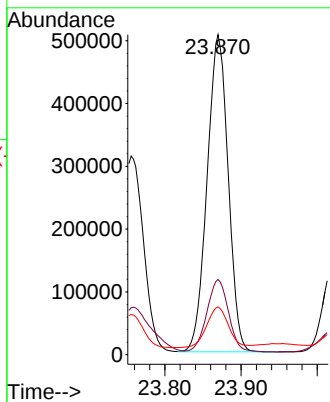
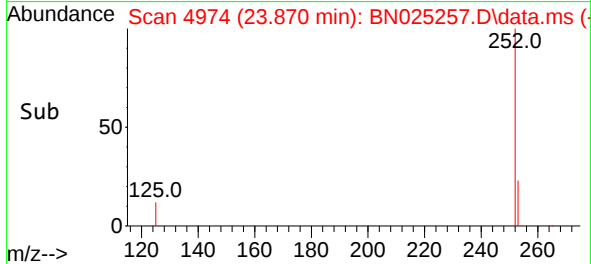
Instrument :
BNA_N
ClientSampleId :
EW936DL



Tgt Ion:252 Resp: 96805
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 14.9 14.6 22.0

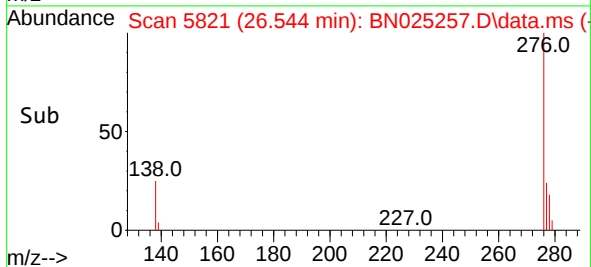
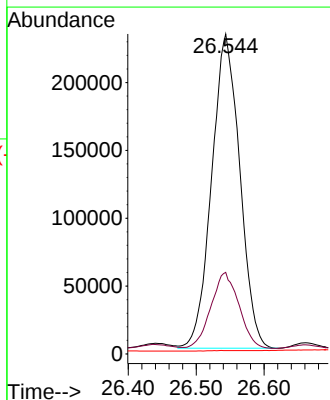
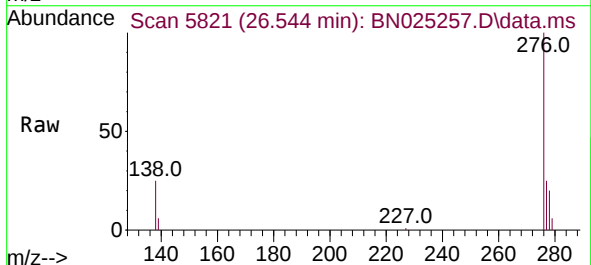
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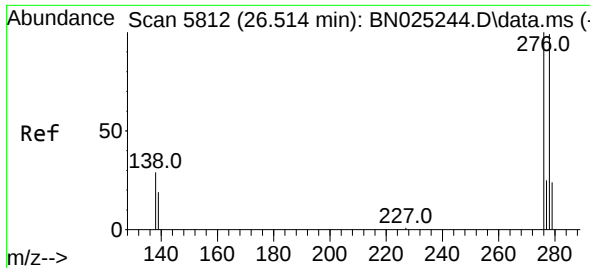
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.359 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. 0.068 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

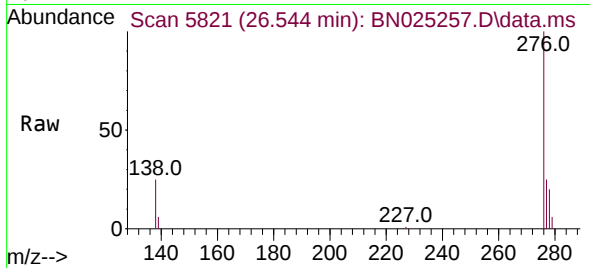
Tgt Ion:276 Resp: 664284
Ion Ratio Lower Upper
276 100
138 24.1 21.9 32.9
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.196 ng/ul
RT: 26.544 min Scan# 5812
Delta R.T. 0.051 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

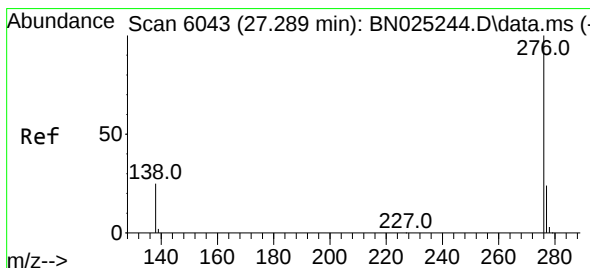
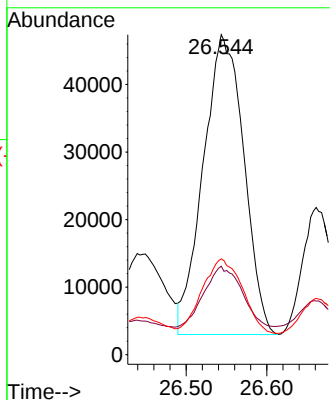
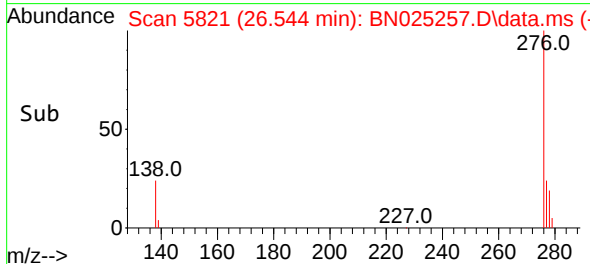
Instrument :
BNA_N
ClientSampleId :
EW936DL



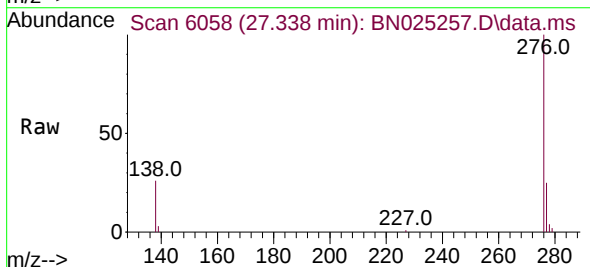
Tgt Ion:278 Resp: 15485
Ion Ratio Lower Upper
278 100
139 27.6 17.0 25.6
279 30.0 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 7.824 ng/ul
RT: 27.338 min Scan# 6058
Delta R.T. 0.078 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41



Tgt Ion:276 Resp: 600526
Ion Ratio Lower Upper
276 100
138 25.9 20.3 30.5
277 24.6 19.8 29.6

