

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025256.D
 Acq On : 04 May 2023 01:05
 Operator : CG/JU
 Sample : 02447-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW917

Manual Integrations
 APPROVED

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

Quant Time: May 04 05:53:06 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	5113	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	17207	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.570	164	14173	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.330	188	26057	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.549	240	20172	0.400	ng/ul	# 0.05
23) Perylene-d12	24.028	264	51914	0.400	ng/ul	# 0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	10467	1.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3528	0.160	ng/ul	0.01
18) Fluoranthene-d10	19.363	212	10297m	0.194	ng/ul	0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	348171	7.897	ng/ul	100
7) 2-Methylnaphthalene	12.398	142	203358	7.531	ng/ul	100
8) 1-Methylnaphthalene	12.612	142	211231	7.338	ng/ul	100
10) Acenaphthylene	14.293	152	3263846	61.817	ng/ul	100
11) Acenaphthene	14.635	153	749559	16.842	ng/ul	97
12) Fluorene	15.625	166	1568753	31.530	ng/ul	100
15) Phenanthrene	17.381	178	18417306	250.408	ng/ul	93
16) Anthracene	17.469	178	6716960	111.635	ng/ul	100
19) Fluoranthene	19.401	202	26024487	356.765	ng/ul#	91
20) Pyrene	19.768	202	24339408	324.752	ng/ul#	87
21) Benzo(a)anthracene	21.529	228	16392700	269.680	ng/ul	91
22) Chrysene	21.593	228	16234315	244.827	ng/ul#	92
24) Benzo(b)fluoranthene	23.283	252	20139861m	95.621	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	6487941m	32.025	ng/ul	
26) Benzo(a)pyrene	23.938	252	14080276	80.798	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.638	276	10875932	54.167	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.631	278	3386369	21.592	ng/ul	98
29) Benzo(g,h,i)perylene	27.440	276	9415735	55.151	ng/ul	99

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

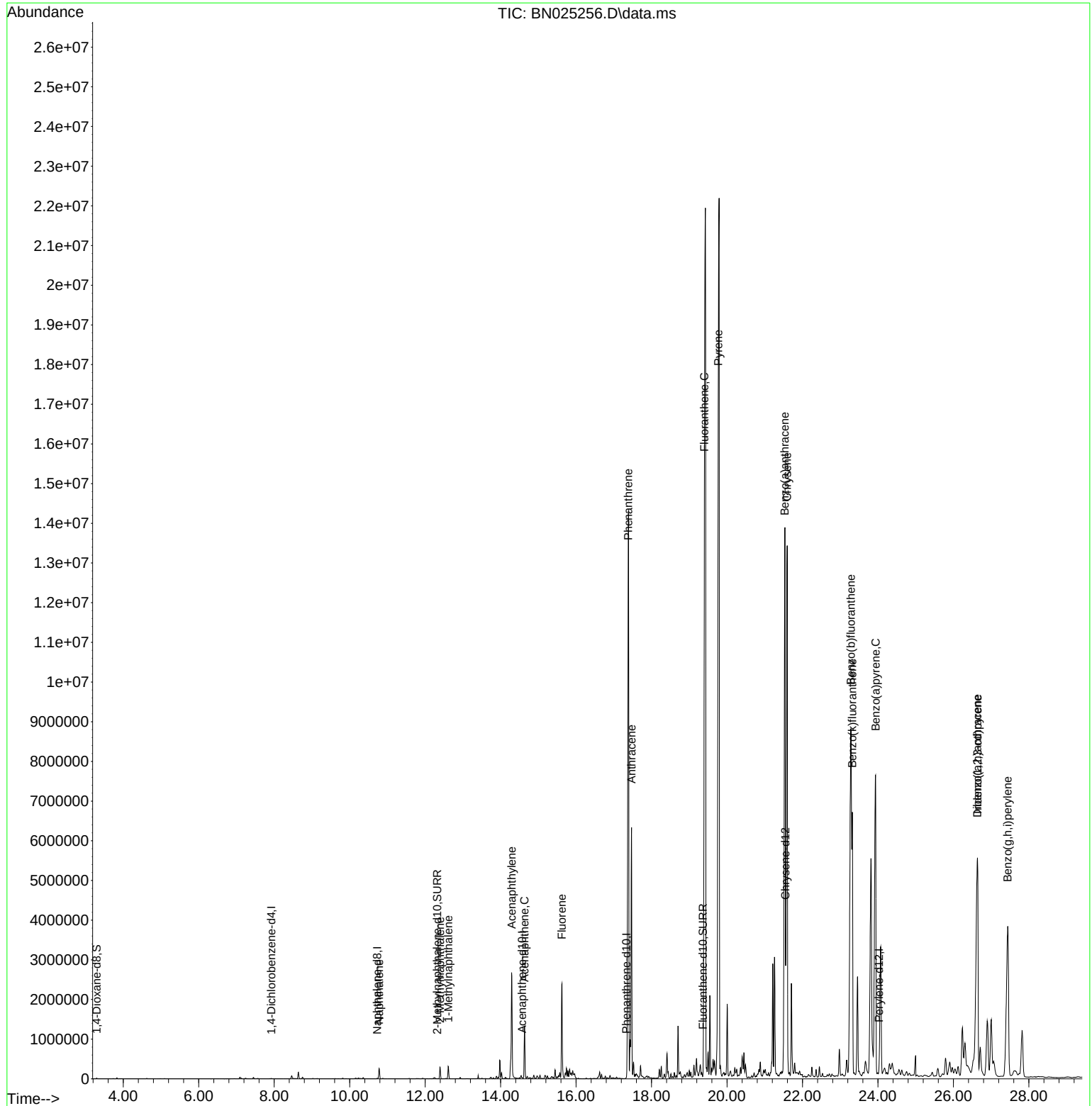
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025256.D
Acq On : 04 May 2023 01:05
Operator : CG/JU
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ALS Vial : 24 Sample Multiplier: 1

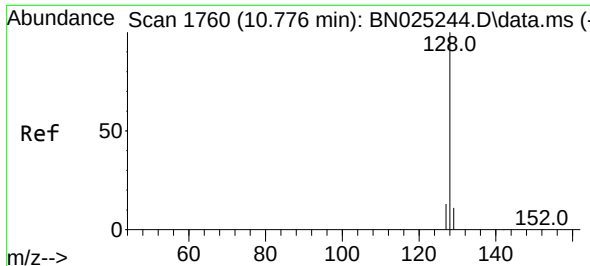
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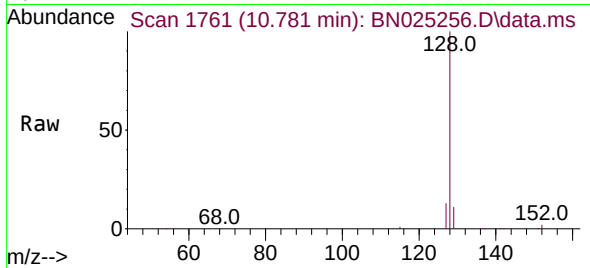
Quant Time: May 04 05:53:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 7.897 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

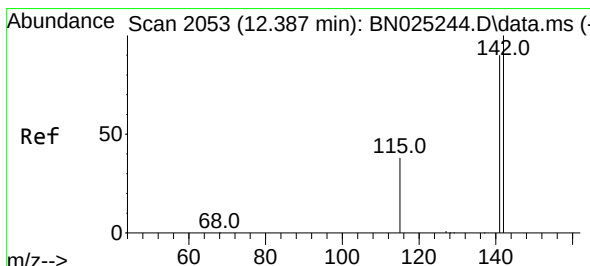
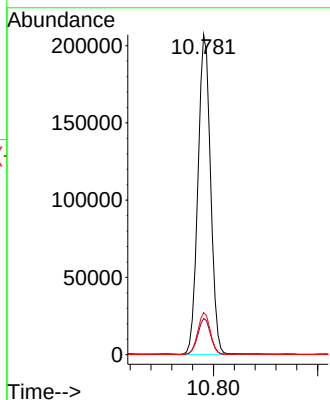
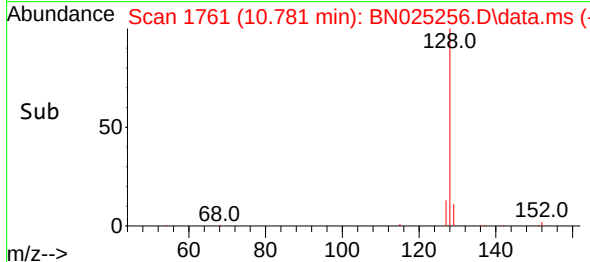
Instrument :
BNA_N
ClientSampleId :
EW917



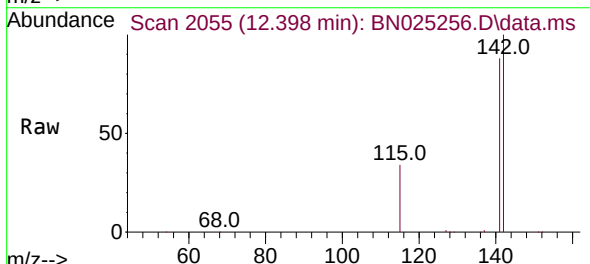
Tgt Ion:128 Resp: 34817
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.7 16.1

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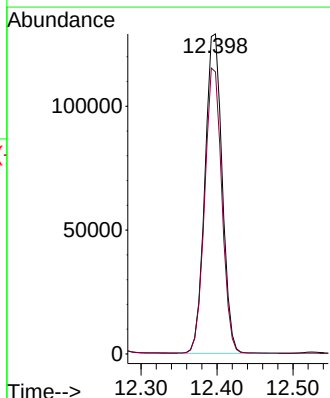
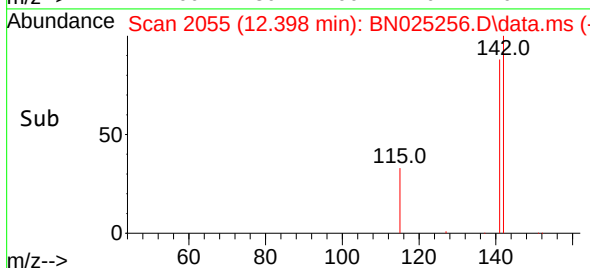
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

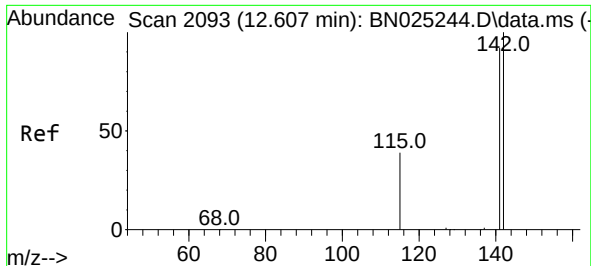


#7
2-Methylnaphthalene
Concen: 7.531 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. 0.013 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05



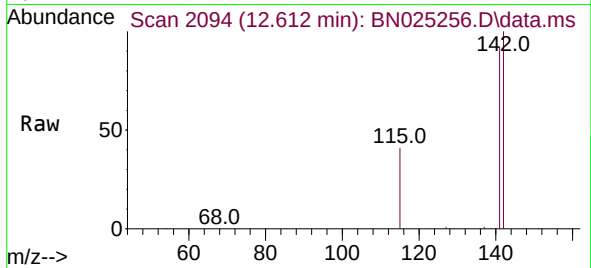
Tgt Ion:142 Resp: 203358
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 7.338 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

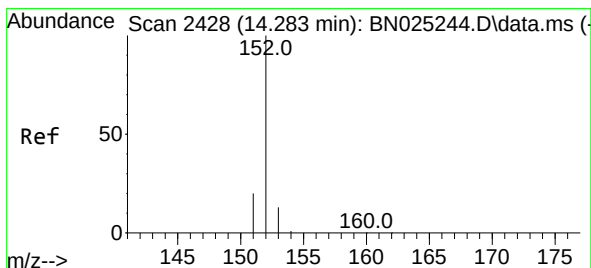
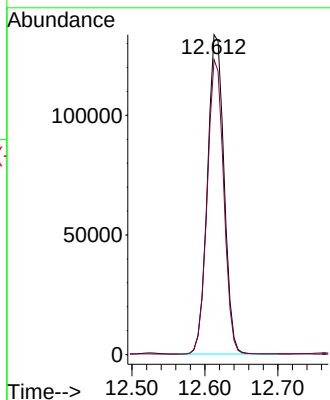
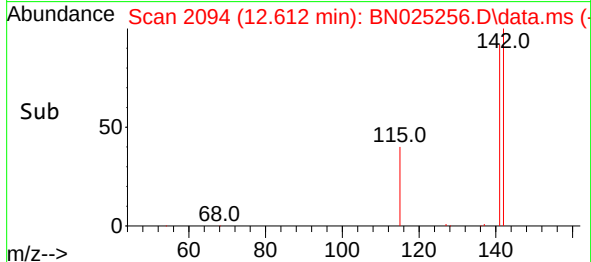
Instrument :
BNA_N
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Tgt Ion:142 Resp: 211233
Ion Ratio Lower Upper
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141 91.9 73.8 110.6

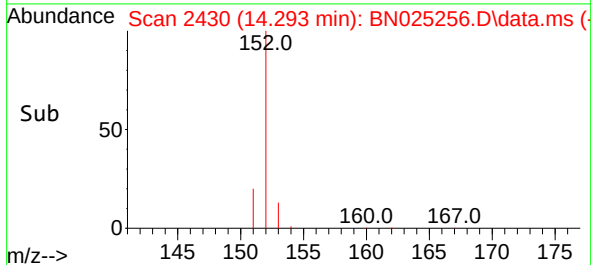
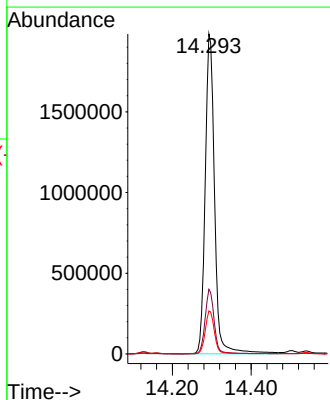
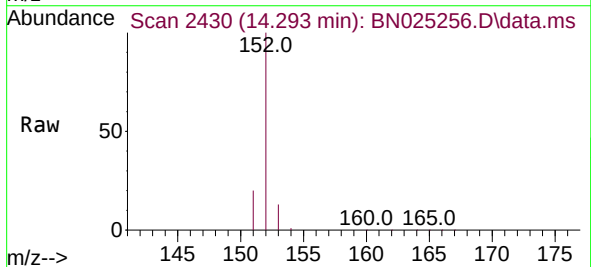
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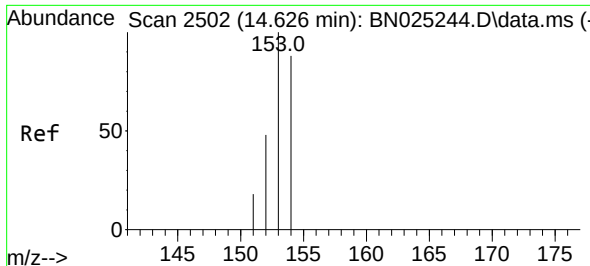
Reviewed By :Christian Giraldo 05/04/2023
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#10
Acenaphthylene
Concen: 61.817 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. 0.015 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

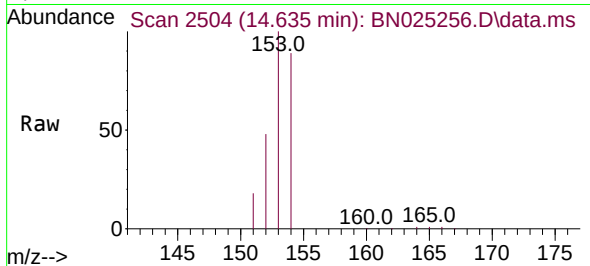
Tgt Ion:152 Resp: 3263846
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.8 16.2





#11
Acenaphthene
Concen: 16.842 ng/u1
RT: 14.635 min Scan# 2504
Delta R.T. 0.015 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

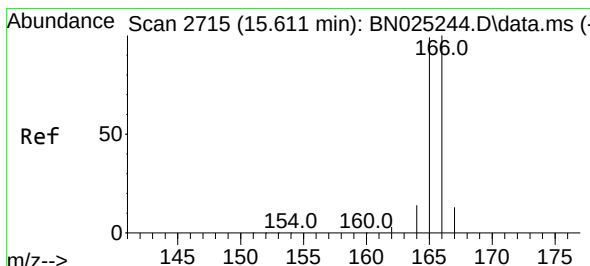
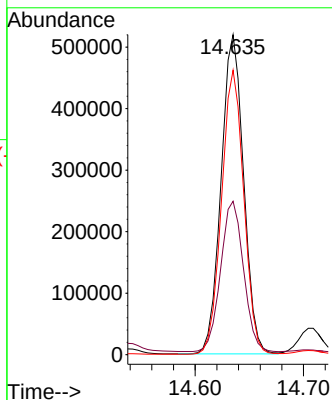
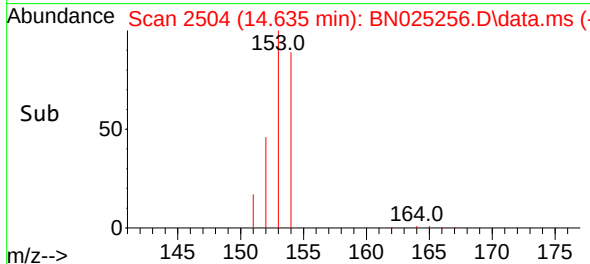
Instrument :
BNA_N
ClientSampleId :
EW917



Tgt Ion:153 Resp: 749559
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 88.9 69.4 104.2

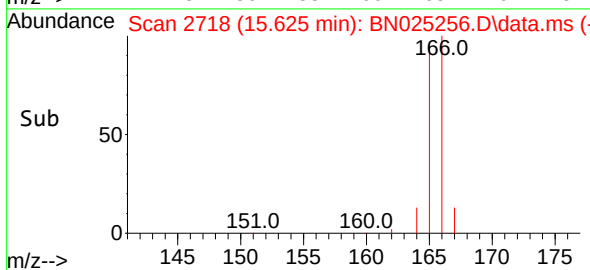
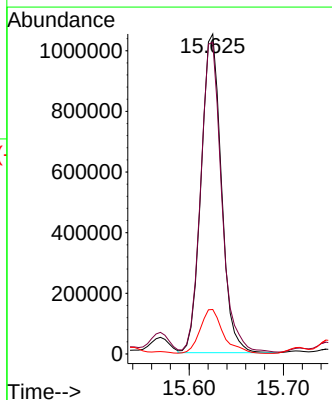
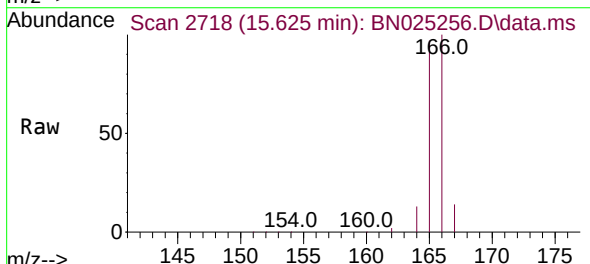
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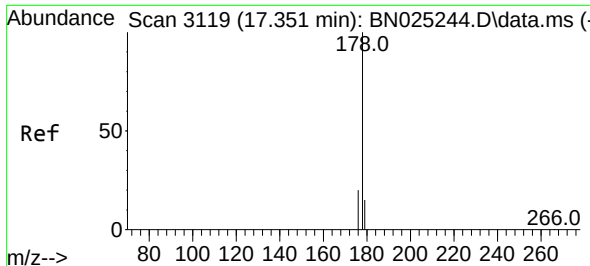
Reviewed By :Christian Giraldo 05/04/2023
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#12
Fluorene
Concen: 31.530 ng/u1
RT: 15.625 min Scan# 2718
Delta R.T. 0.015 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

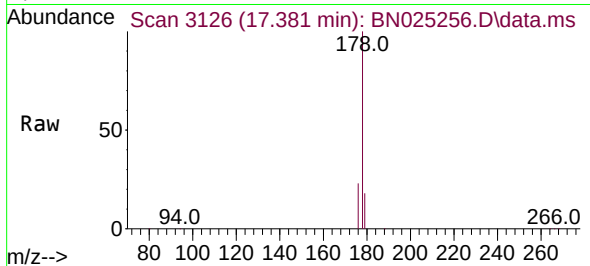
Tgt Ion:166 Resp: 1568753
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.9 11.0 16.6





#15
Phenanthrene
Concen: 250.408 ng/u1
RT: 17.381 min Scan# 3119
Delta R.T. 0.030 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

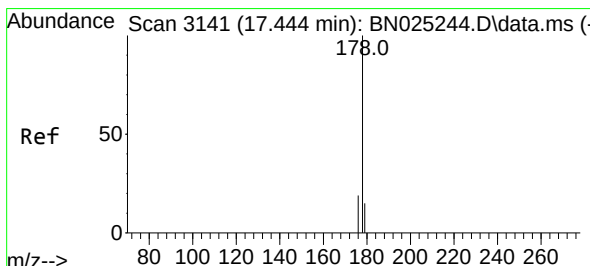
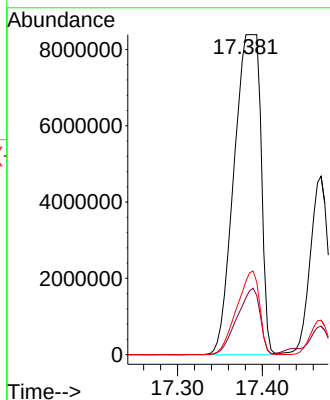
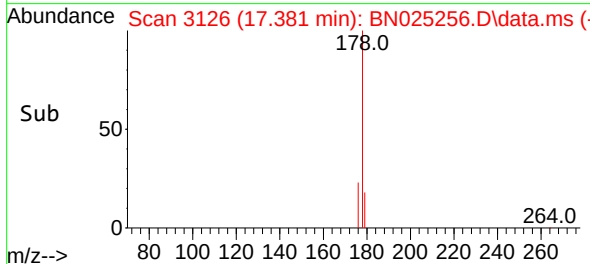
Instrument :
BNA_N
ClientSampleId :
EW917



Tgt Ion:178 Resp:18417300
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 22.9 15.6 23.4

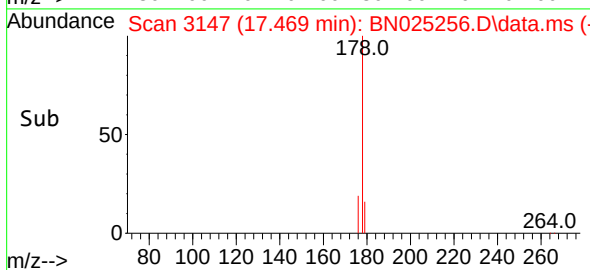
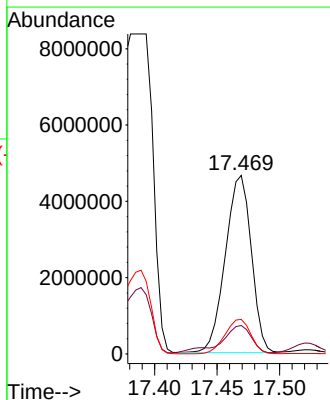
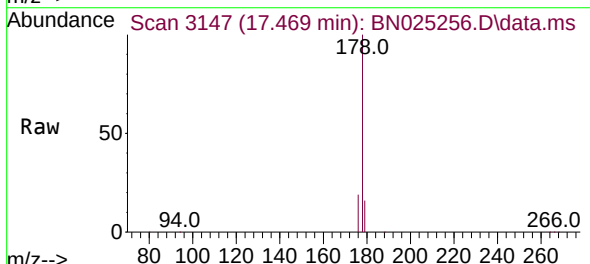
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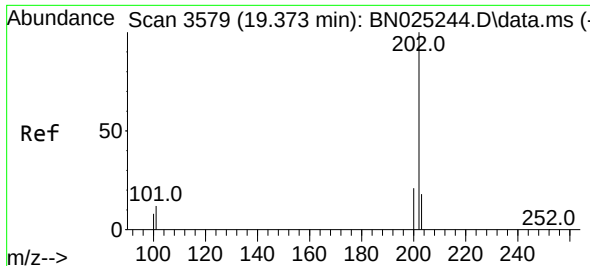
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 111.635 ng/u1
RT: 17.469 min Scan# 3147
Delta R.T. 0.026 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

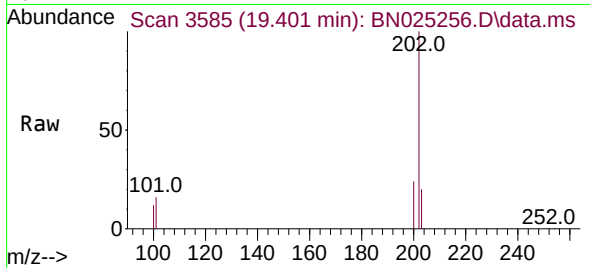
Tgt Ion:178 Resp: 6716960
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 356.765 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. 0.029 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

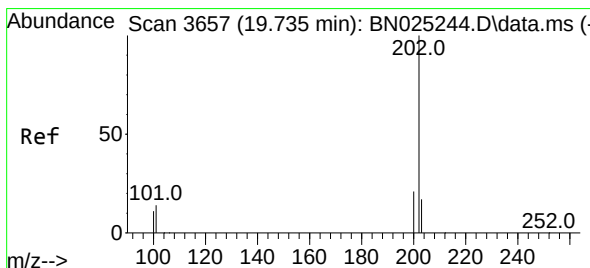
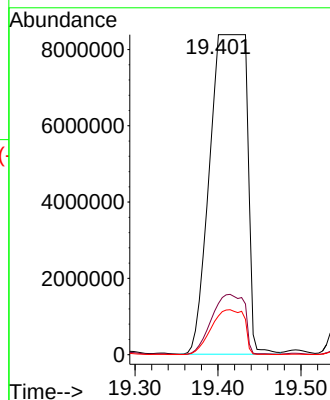
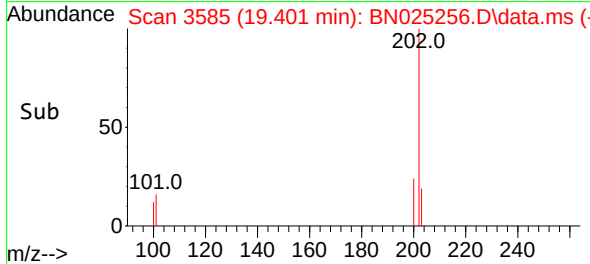
Instrument :
BNA_N
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EW917



Tgt Ion:202 Resp:2602448
Ion Ratio Lower Upper
202 100
101 16.0 9.7 14.5
100 12.1 7.3 10.9

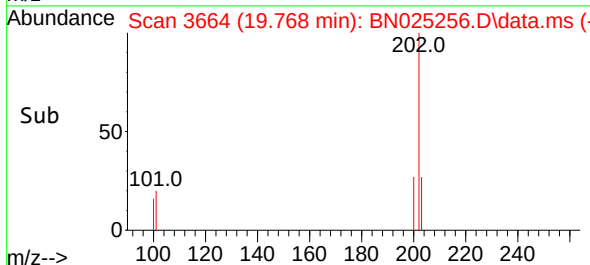
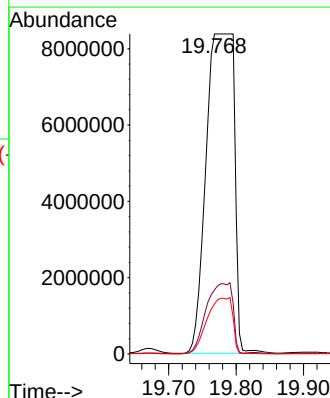
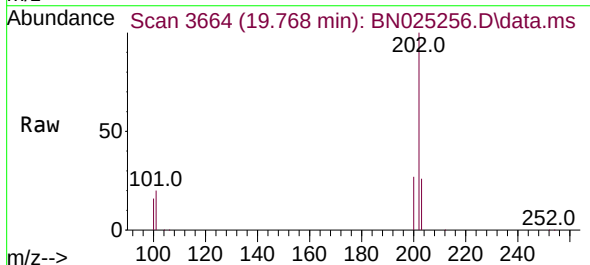
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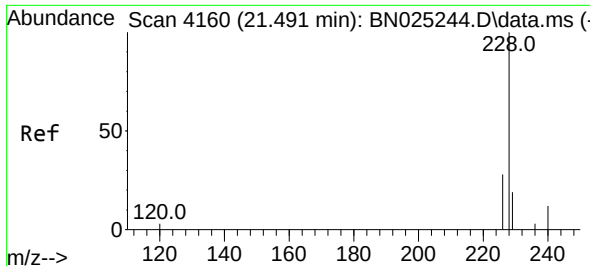
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 324.752 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. 0.034 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

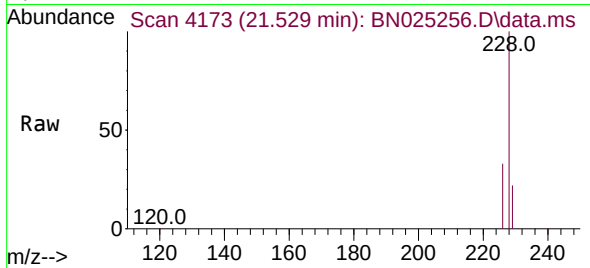
Tgt Ion:202 Resp:24339408
Ion Ratio Lower Upper
202 100
101 20.0 11.3 16.9#
100 15.6 9.2 13.8#





#21
Benzo(a)anthracene
Concen: 269.680 ng/u1
RT: 21.529 min Scan# 4173
Delta R.T. 0.042 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

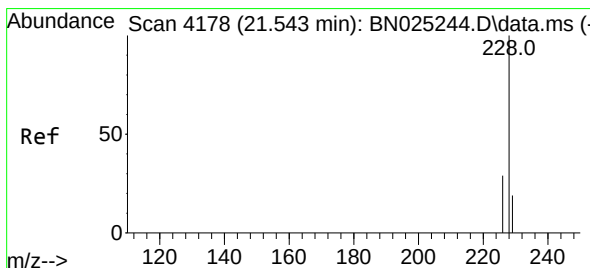
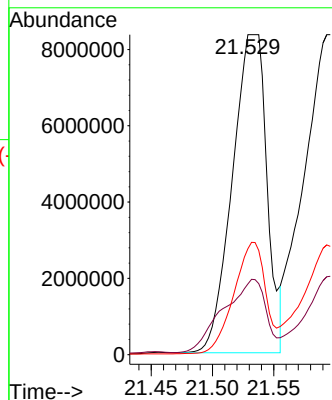
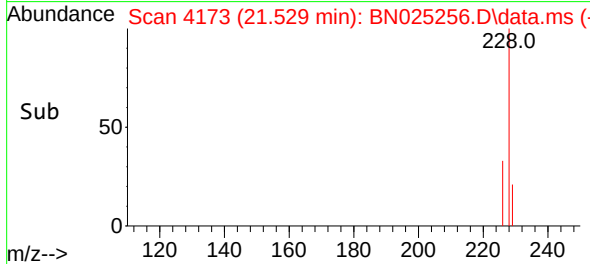
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Tgt Ion:228 Resp:16392700
Ion Ratio Lower Upper
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229 22.1 15.6 23.4
226 33.1 22.1 33.1

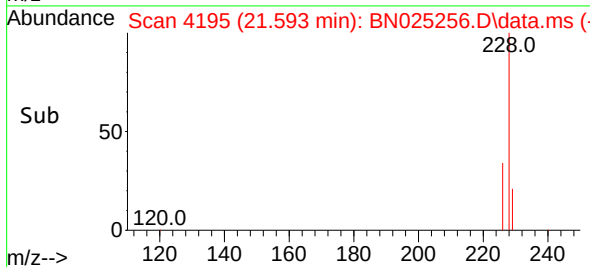
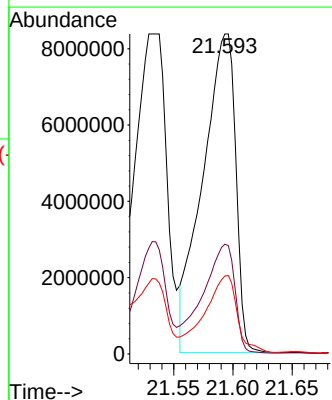
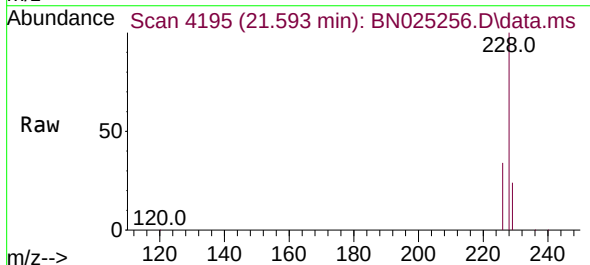
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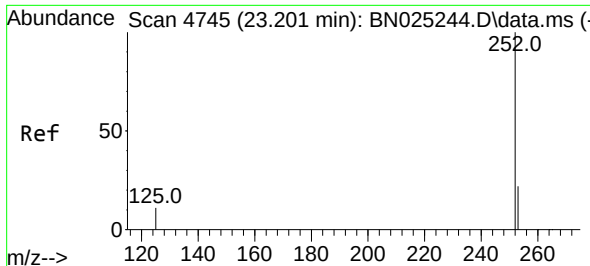
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 244.827 ng/u1
RT: 21.593 min Scan# 4195
Delta R.T. 0.054 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

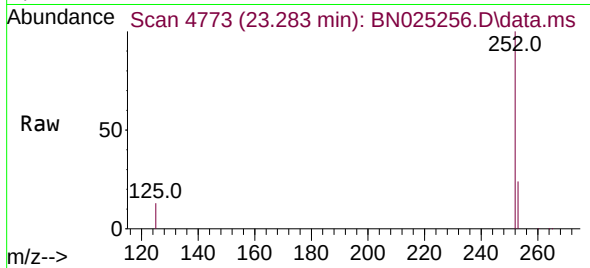
Tgt Ion:228 Resp:16234315
Ion Ratio Lower Upper
228 100
226 34.3 24.5 36.7
229 24.4 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 95.621 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. 0.086 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

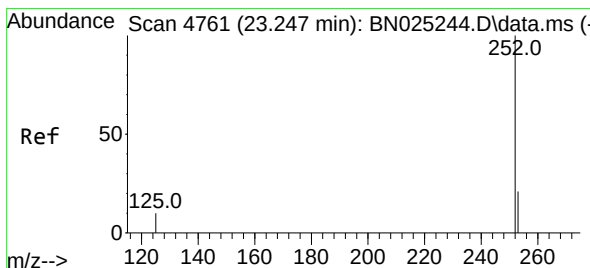
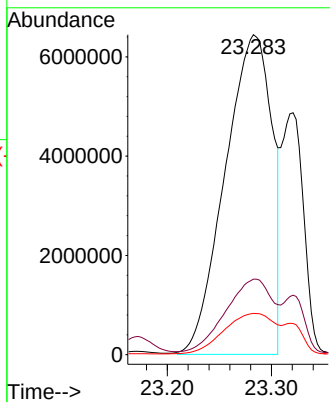
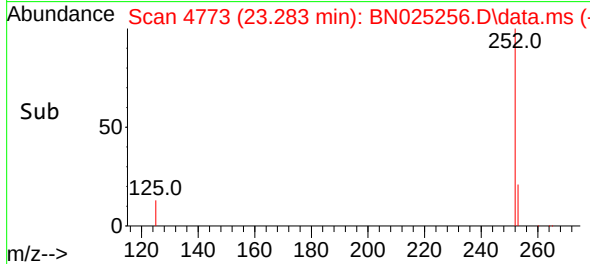
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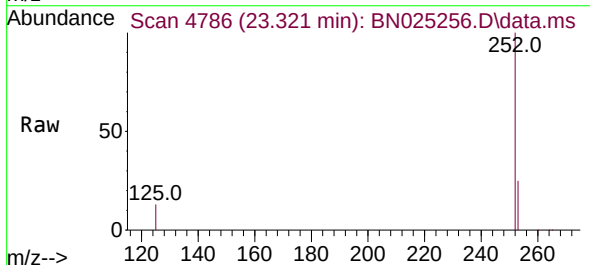
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Ion Ratio Lower Upper
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253 23.6 0.0 50.2
125 12.9 0.0 30.4

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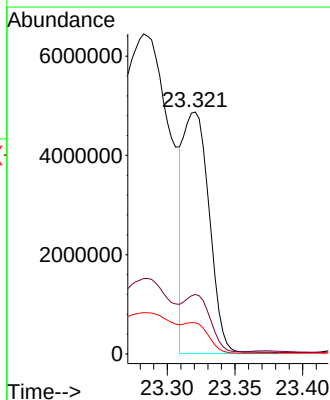
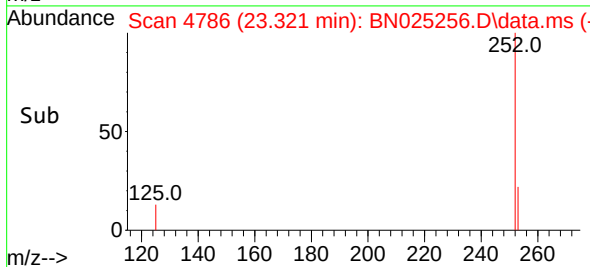
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

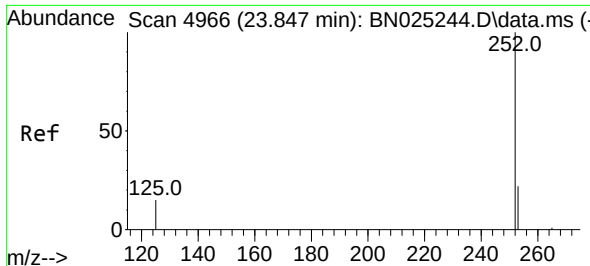


#25
Benzo(k)fluoranthene
Concen: 32.025 ng/ul m
RT: 23.321 min Scan# 4786
Delta R.T. 0.074 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05



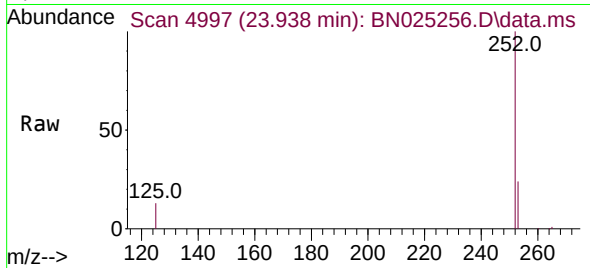
Tgt Ion:252 Resp: 6487941
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.4
125 12.9 11.8 17.8





#26
Benzo(a)pyrene
Concen: 80.798 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. 0.110 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

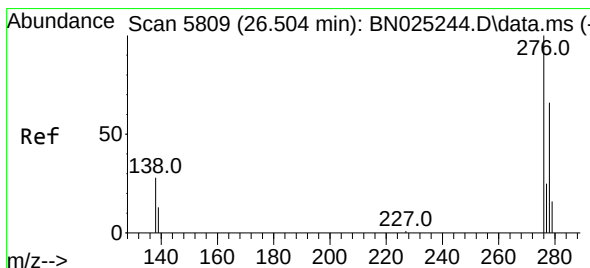
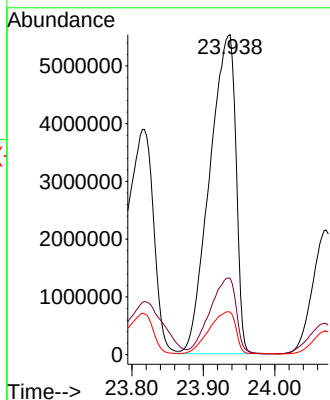
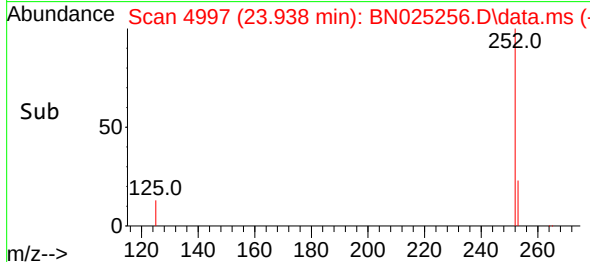
Instrument :
BNA_N
ClientSampleId :
EW917



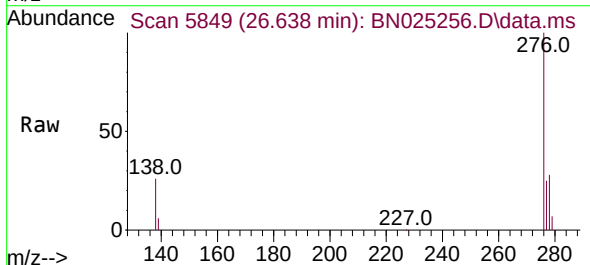
Tgt Ion:252 Resp:14080270
Ion Ratio Lower Upper
252 100
253 23.9 21.4 32.2
125 13.4 14.6 22.0

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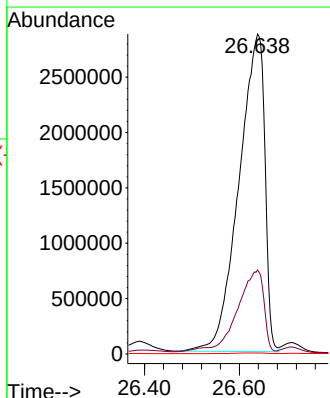
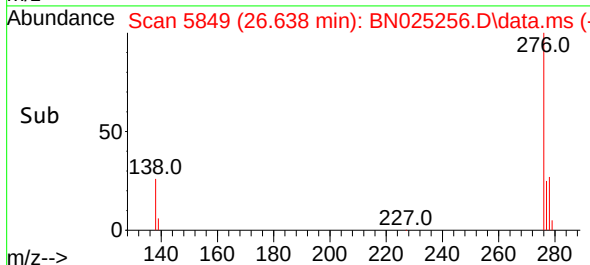
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

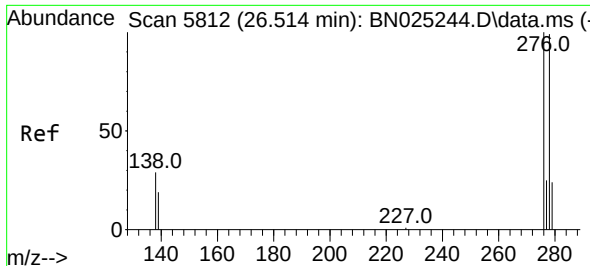


#27
Indeno(1,2,3-cd)pyrene
Concen: 54.167 ng/ul
RT: 26.638 min Scan# 5849
Delta R.T. 0.162 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05



Tgt Ion:276 Resp:10875932
Ion Ratio Lower Upper
276 100
138 26.5 21.9 32.9
227 0.3 0.1 0.1





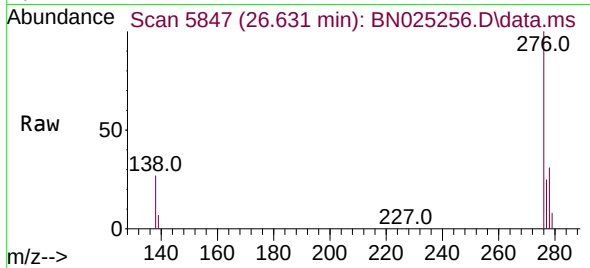
#28
Dibenzo(a,h)anthracene
Concen: 21.592 ng/ul
RT: 26.631 min Scan# 5812
Delta R.T. 0.139 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05

Instrument :

BNA_N

ClientSampleId :

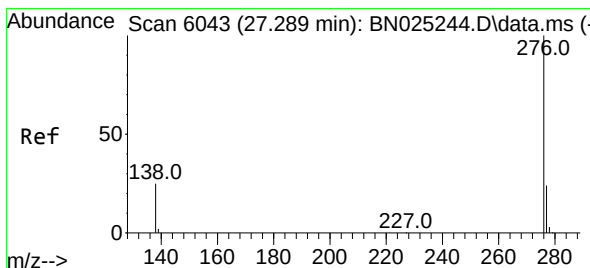
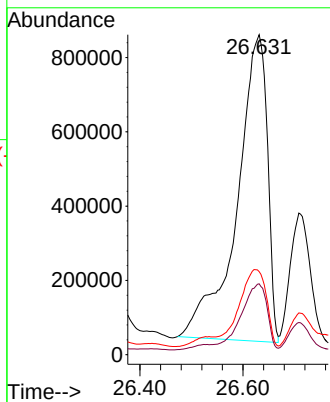
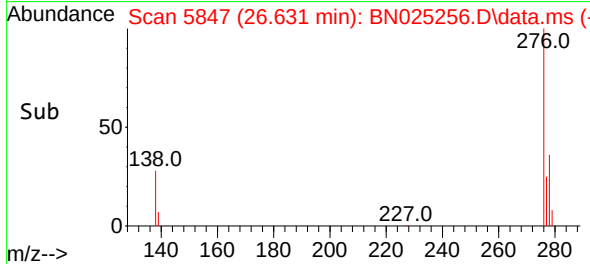
EW917



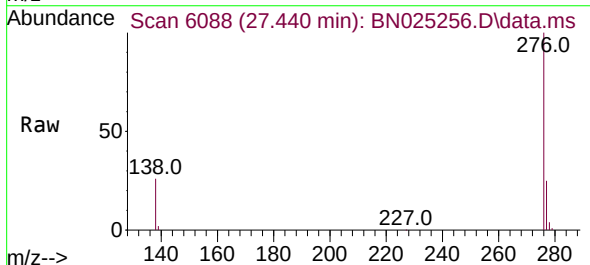
Tgt Ion:278 Resp: 3386369
Ion Ratio Lower Upper
278 100
139 22.1 17.0 25.6
279 26.0 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 55.151 ng/ul
RT: 27.440 min Scan# 6088
Delta R.T. 0.179 min
Lab File: BN025256.D
Acq: 04 May 2023 01:05



Tgt Ion:276 Resp: 9415735
Ion Ratio Lower Upper
276 100
138 26.2 20.3 30.5
277 25.0 19.8 29.6

