

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025845.D
 Acq On : 14 Jun 2023 16:40
 Operator : MA/JU
 Sample : 02950-21RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW997RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 22:22:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9223	0.400	ng/ul	0.00
4) Naphthalene-d8	10.813	136	29064	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.639	164	17641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	38420	0.400	ng/ul	0.00
17) Chrysene-d12	21.563	240	26130	0.400	ng/ul	0.00
23) Perylene-d12	24.030	264	19808	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	16076	1.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	4481	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	11244	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.862	128	3829	0.052	ng/ul#	91
7) 2-Methylnaphthalene	12.474	142	2002	0.045	ng/ul	95
8) 1-Methylnaphthalene	12.694	142	5978	0.122	ng/ul	98
10) Acenaphthylene	14.357	152	18342	0.263	ng/ul#	96
11) Acenaphthene	14.699	153	16829	0.289	ng/ul	99
12) Fluorene	15.685	166	17088	0.264	ng/ul	98
15) Phenanthrene	17.422	178	59869	0.534	ng/ul	99
16) Anthracene	17.511	178	30768	0.325	ng/ul	98
19) Fluoranthene	19.432	202	116448	0.974	ng/ul	98
20) Pyrene	19.795	202	178109	1.440	ng/ul	98
21) Benzo(a)anthracene	21.546	228	78578	0.943	ng/ul	94
22) Chrysene	21.601	228	96822	1.016	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	56851m	0.702	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	16949m	0.209	ng/ul	
26) Benzo(a)pyrene	23.919	252	56151	0.818	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.604	276	20468	0.261	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.620	278	6339	0.107	ng/ul#	79
29) Benzo(g,h,i)perylene	27.398	276	23254	0.331	ng/ul	99

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

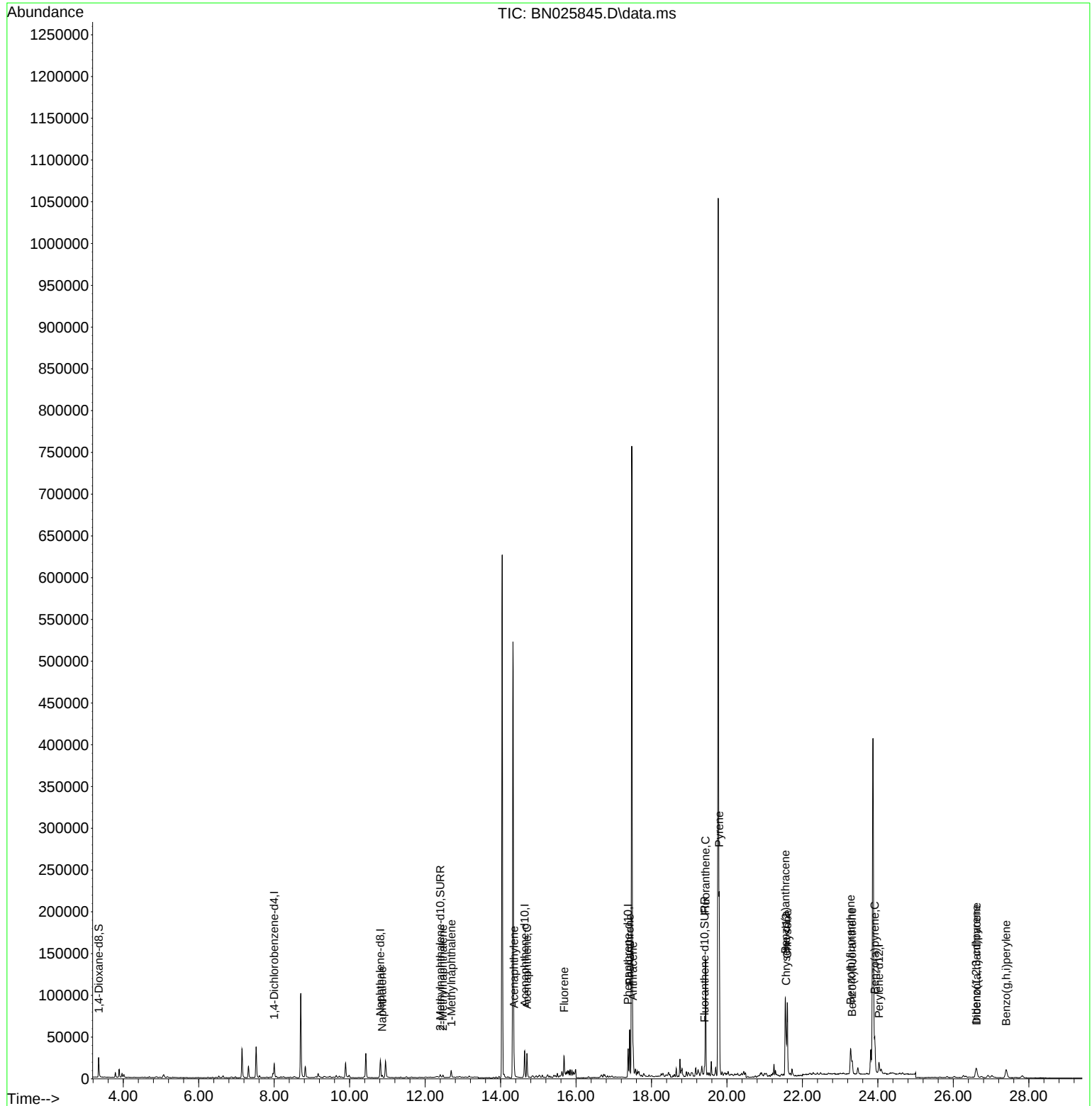
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025845.D
Acq On : 14 Jun 2023 16:40
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Sample : 02950-21RE
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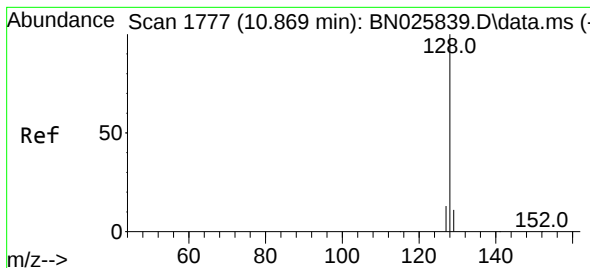
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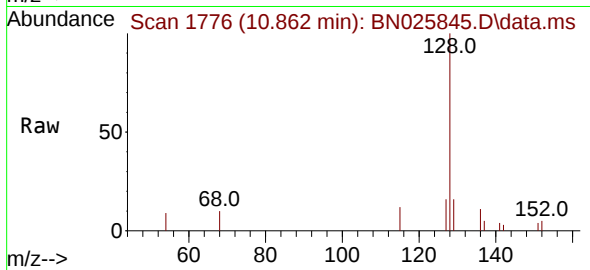
Quant Time: Jun 14 22:22:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:13:59 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

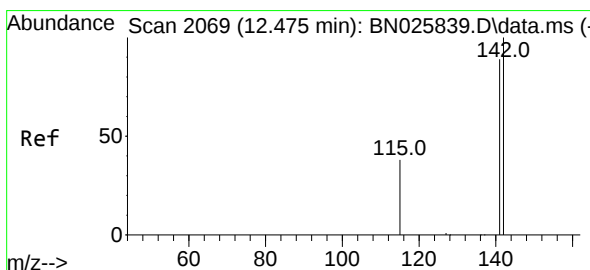
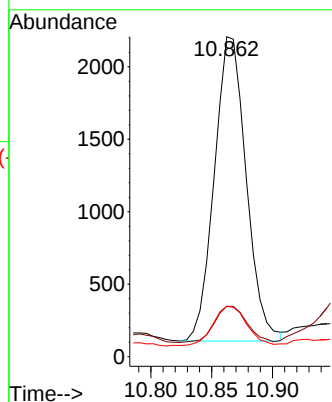
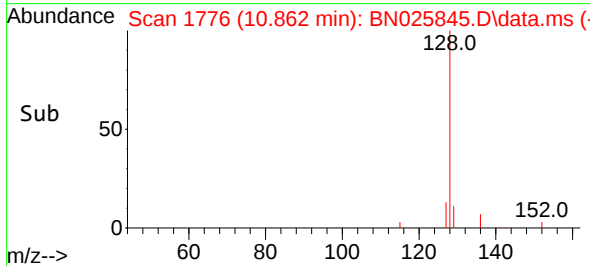
Instrument :
BNA_N
ClientSampleId :
EW997RE



Tgt Ion:128 Resp: 3829
Ion Ratio Lower Upper
128 100
129 15.8 9.1 13.7
127 15.8 10.5 15.7

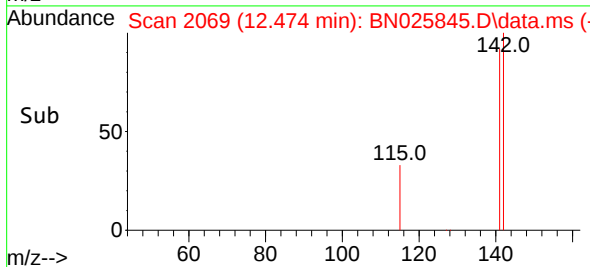
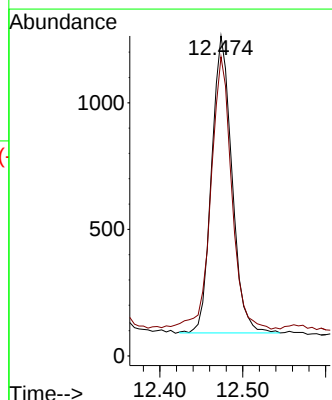
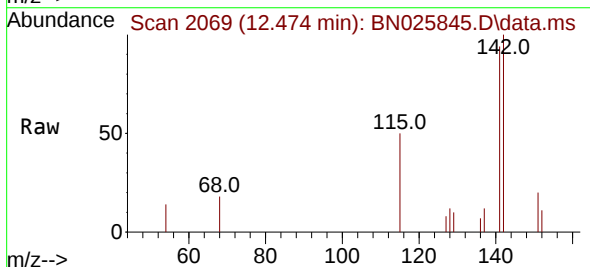
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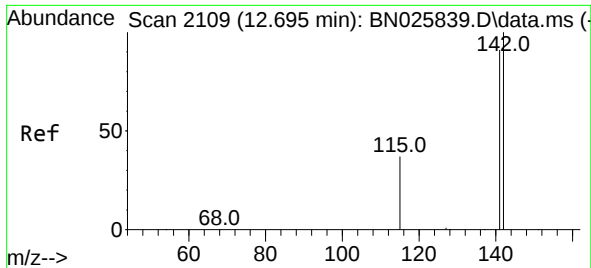
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.474 min Scan# 2069
Delta R.T. -0.001 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

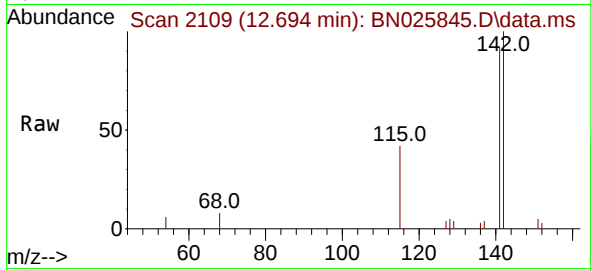
Tgt Ion:142 Resp: 2002
Ion Ratio Lower Upper
142 100
141 93.6 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.694 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

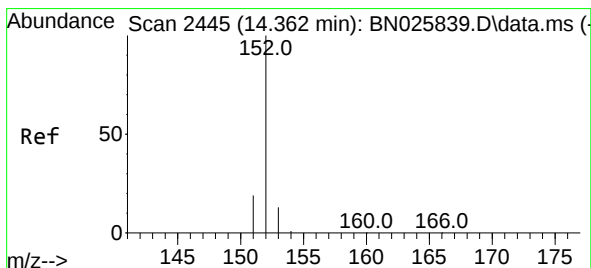
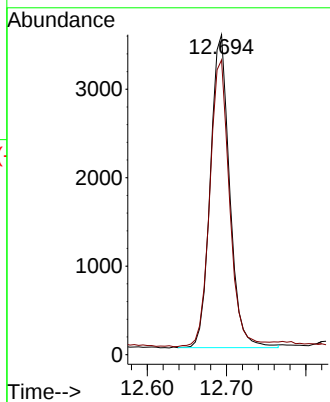
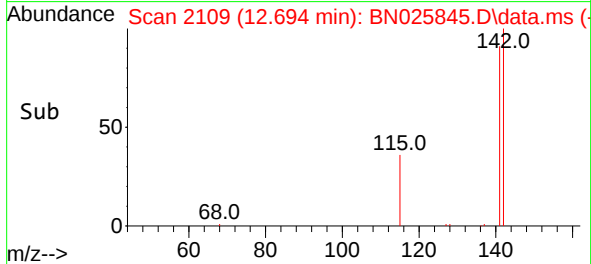
Instrument :
BNA_N
ClientSampleId :
EW997RE



Tgt Ion:142 Resp: 5978
Ion Ratio Lower Upper
142 100
141 94.4 74.0 111.0

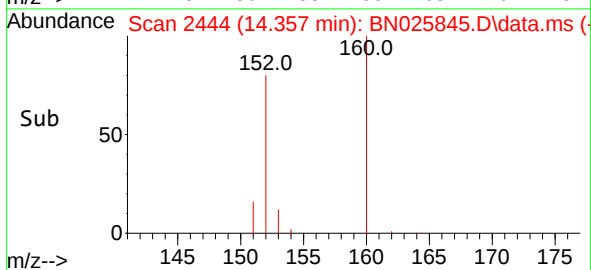
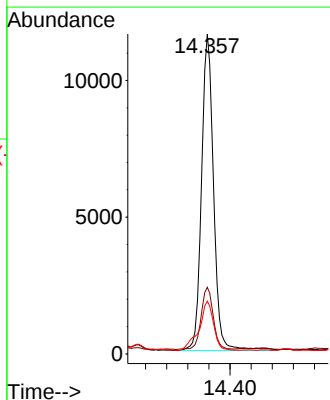
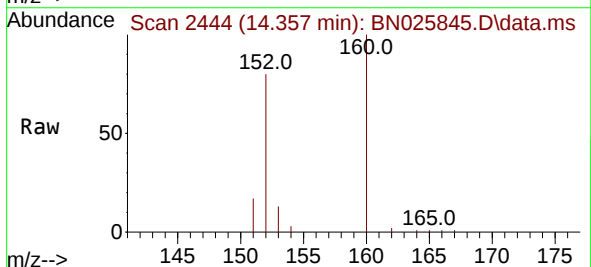
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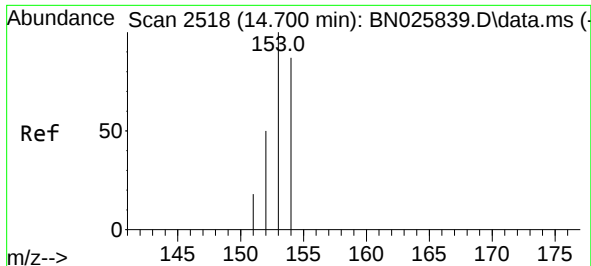
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

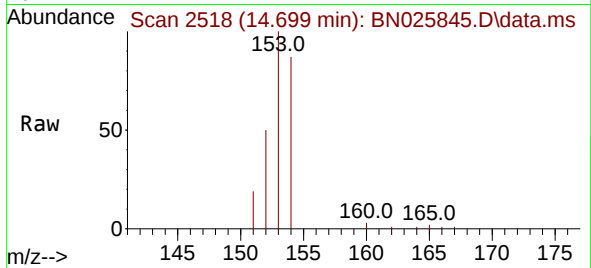
Tgt Ion:152 Resp: 18342
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 16.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.289 ng/u1
RT: 14.699 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

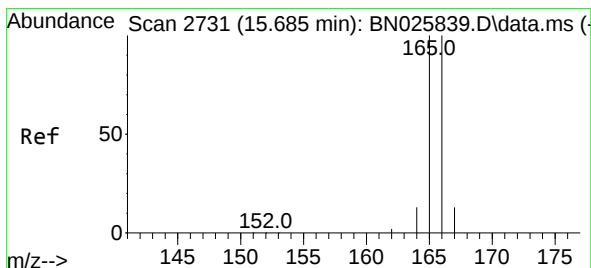
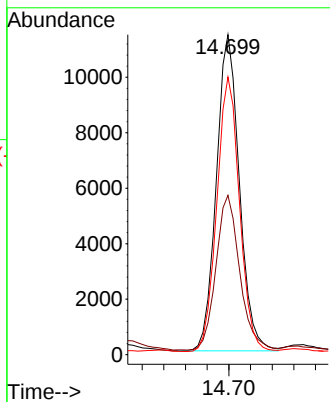
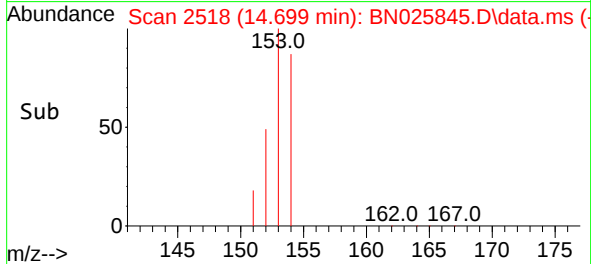
Instrument :
BNA_N
ClientSampleId :
EW997RE



Tgt Ion:153 Resp: 16829
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 86.7 68.8 103.2

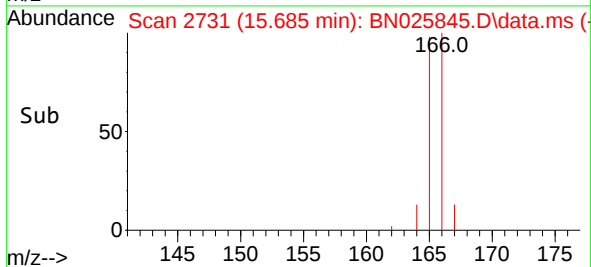
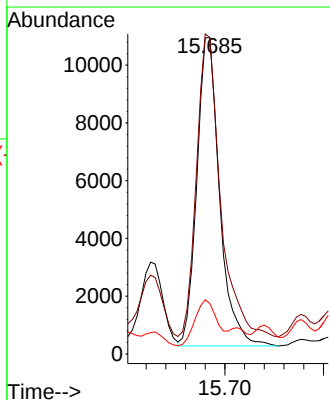
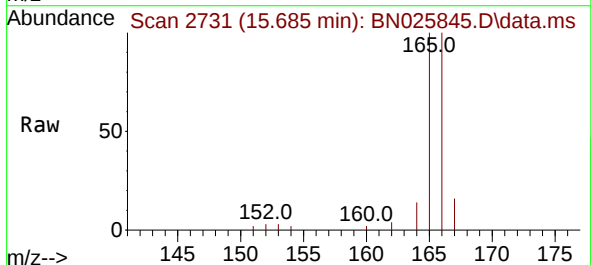
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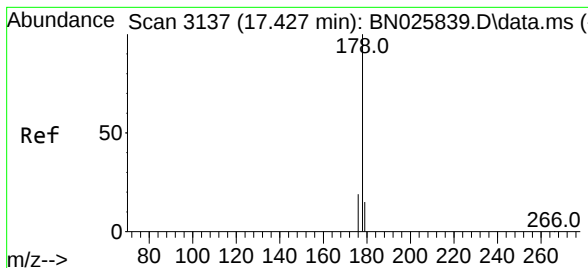
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.264 ng/u1
RT: 15.685 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

Tgt Ion:166 Resp: 17088
Ion Ratio Lower Upper
166 100
165 100.0 79.2 118.8
167 15.9 11.0 16.6





#15

Phenanthrene

Concen: 0.534 ng/ul

RT: 17.422 min Scan# 3136

Delta R.T. -0.005 min

Lab File: BN025845.D

Acq: 14 Jun 2023 16:40

Instrument :

BNA_N

ClientSampleId :

EW997RE

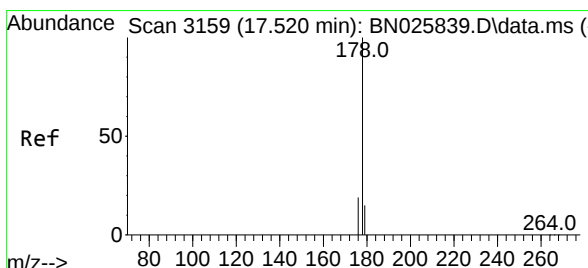
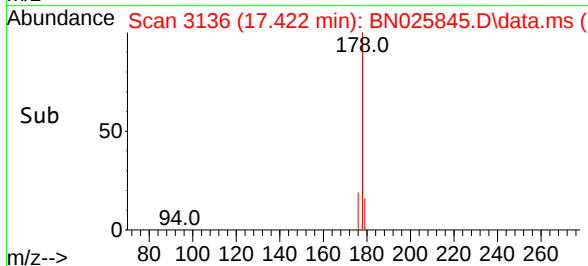
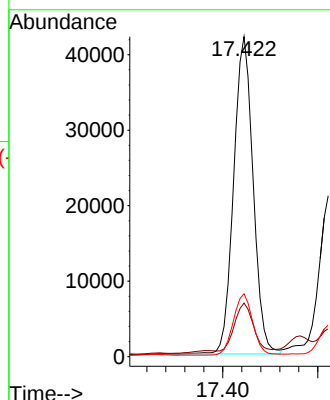
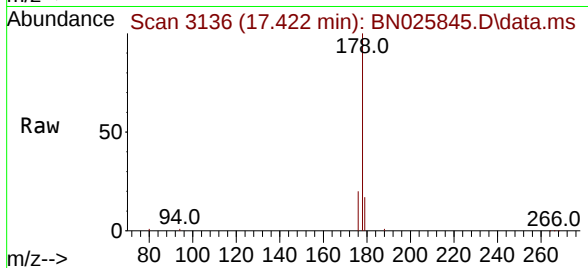
Tgt Ion:178	Resp:	59869
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.6 18.8
176	19.6	15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#16

Anthracene

Concen: 0.325 ng/ul

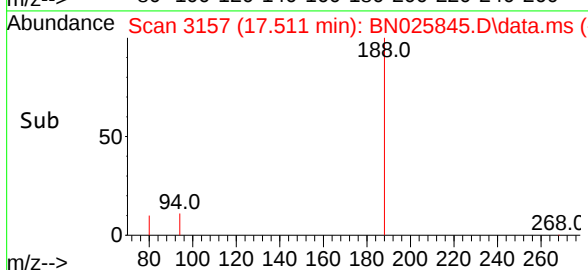
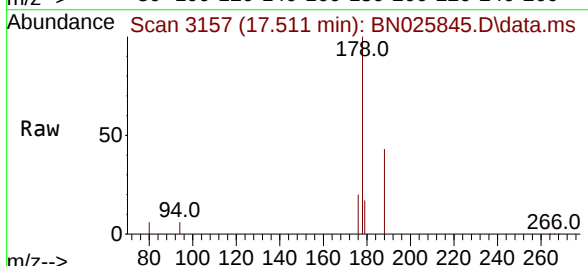
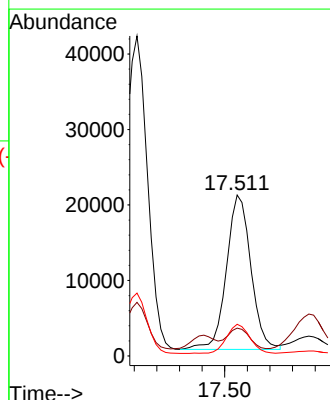
RT: 17.511 min Scan# 3157

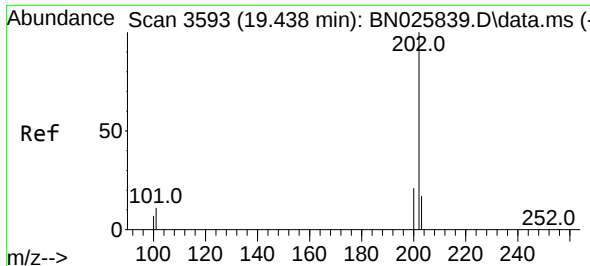
Delta R.T. -0.009 min

Lab File: BN025845.D

Acq: 14 Jun 2023 16:40

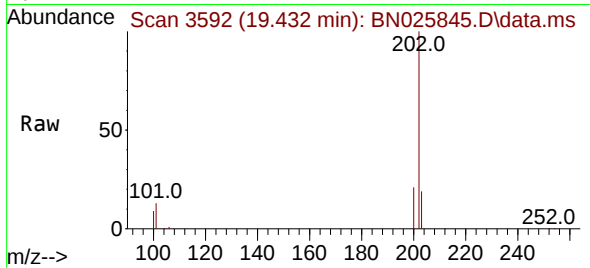
Tgt Ion:178	Resp:	30768
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.6 19.0
176	19.7	15.4 23.2





#19
Fluoranthene
Concen: 0.974 ng/u1
RT: 19.432 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

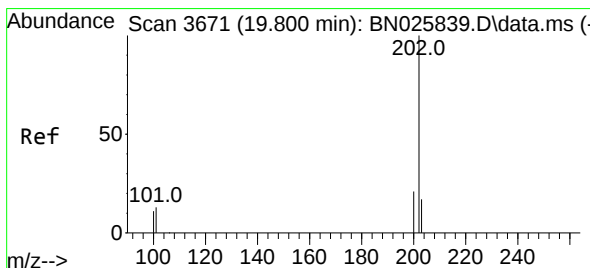
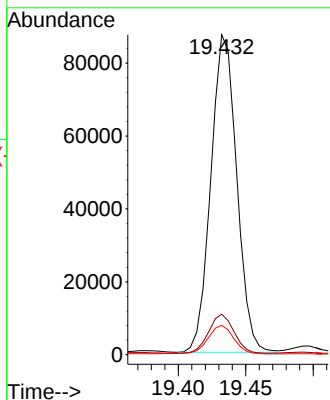
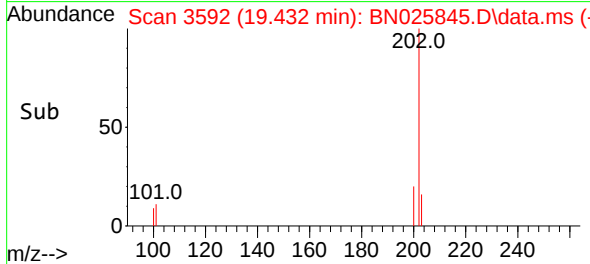
Instrument :
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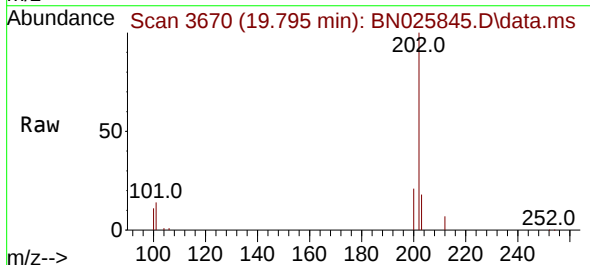
Tgt Ion:202 Resp: 116448
Ion Ratio Lower Upper
202 100
101 12.6 9.1 13.7
100 9.2 7.0 10.6

Manual Integrations
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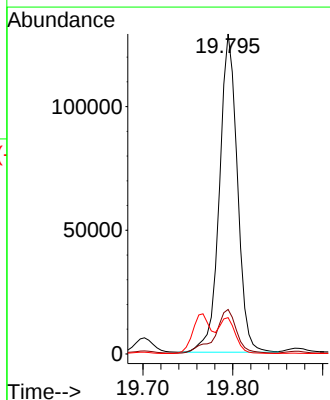
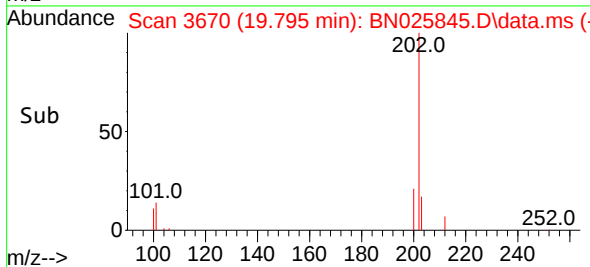
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

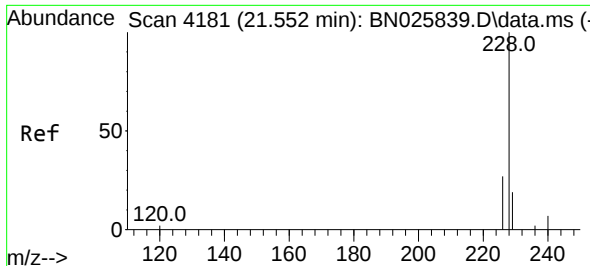


#20
Pyrene
Concen: 1.440 ng/u1
RT: 19.795 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40



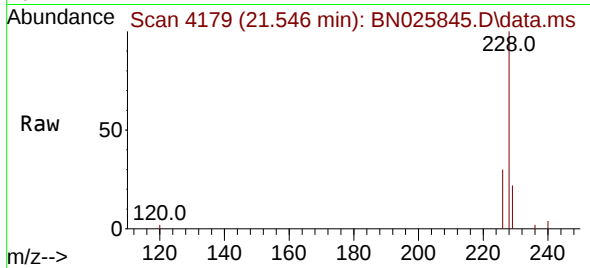
Tgt Ion:202 Resp: 178109
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.4 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.943 ng/ul
RT: 21.546 min Scan# 4181
Delta R.T. -0.007 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

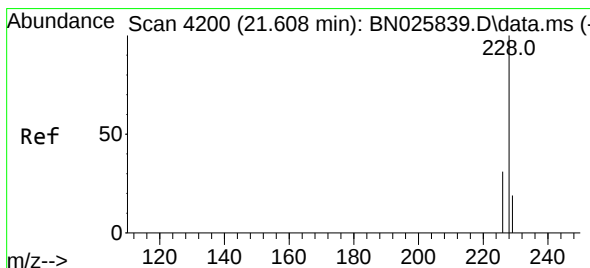
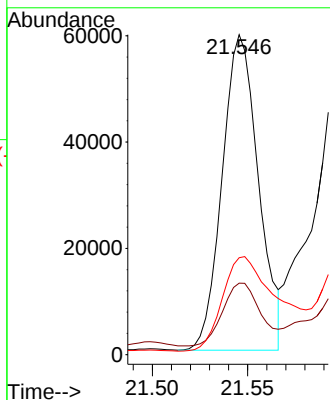
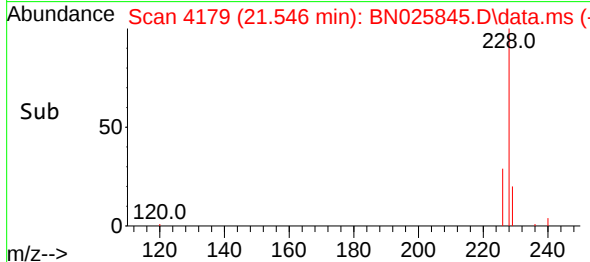
Instrument :
BNA_N
ClientSampleId :
EW997RE



Tgt Ion:228 Resp: 78578
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 30.3 22.0 33.0

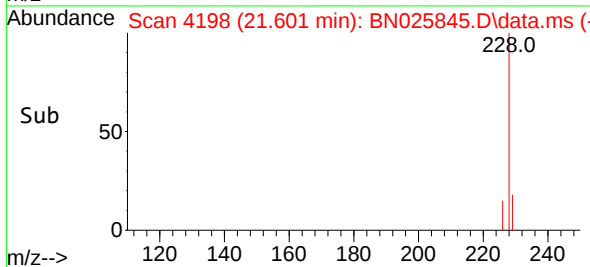
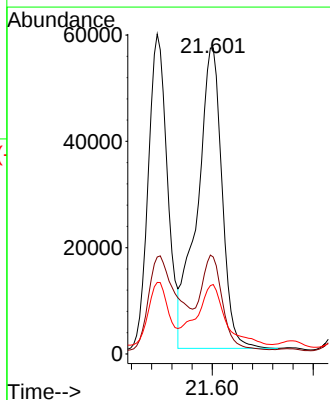
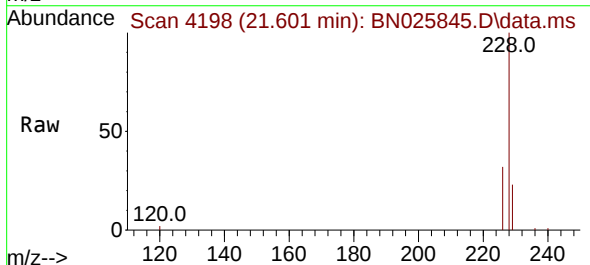
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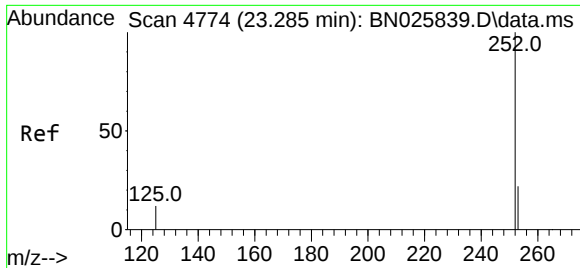
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 1.016 ng/ul
RT: 21.601 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

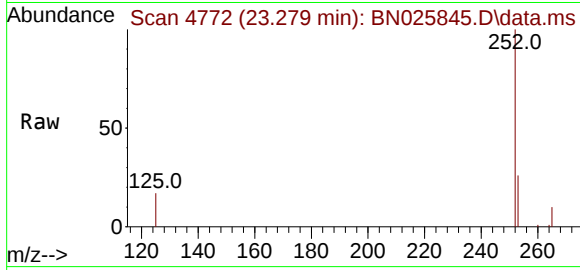
Tgt Ion:228 Resp: 96822
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.702 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.007 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

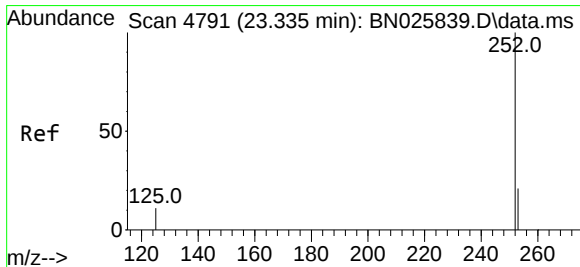
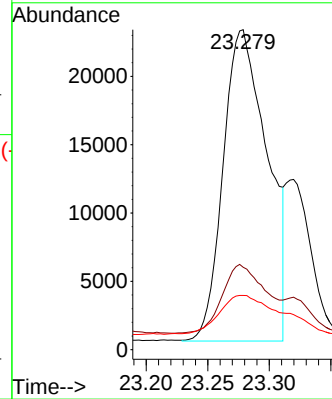
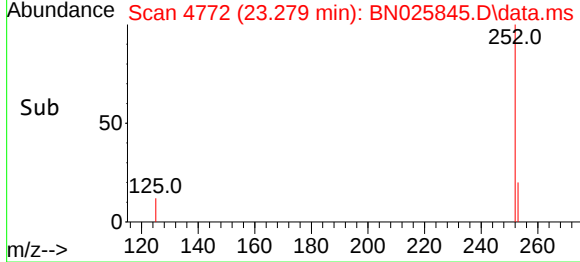
Instrument :
BNA_N
ClientSampleId :
EW997RE



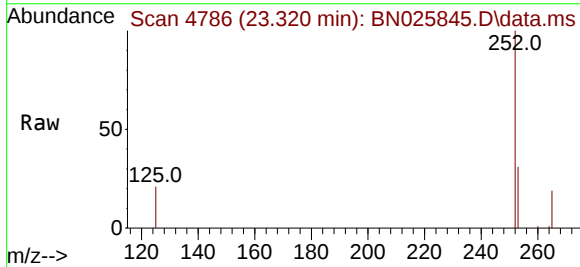
Tgt Ion:252 Resp: 5685
Ion Ratio Lower Upper
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253 25.7 0.0 56.0
125 17.0 0.0 28.0

Manual Integrations
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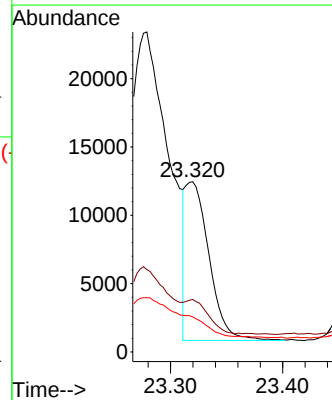
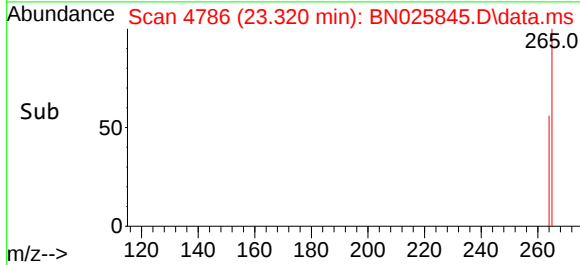
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

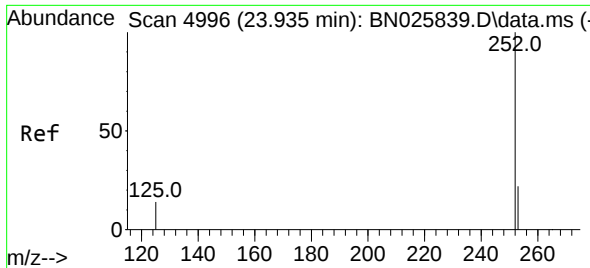


#25
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 23.320 min Scan# 4786
Delta R.T. -0.015 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40



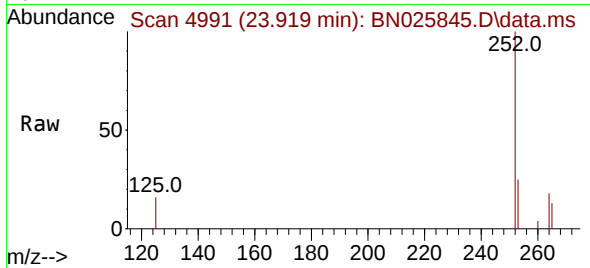
Tgt Ion:252 Resp: 16949
Ion Ratio Lower Upper
252 100
253 30.9 23.3 34.9
125 20.6 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.818 ng/ul
RT: 23.919 min Scan# 4991
Delta R.T. -0.015 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

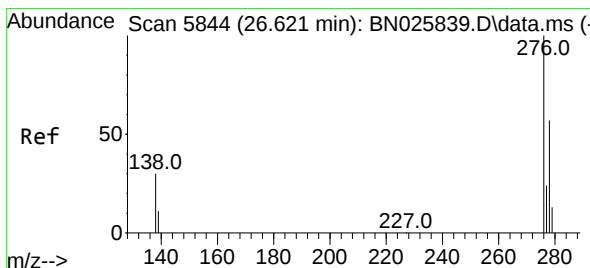
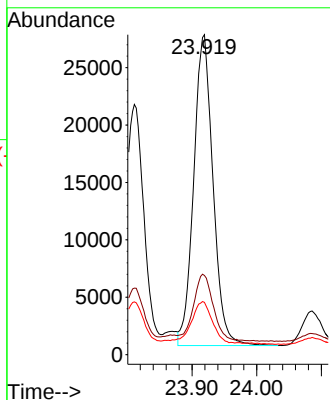
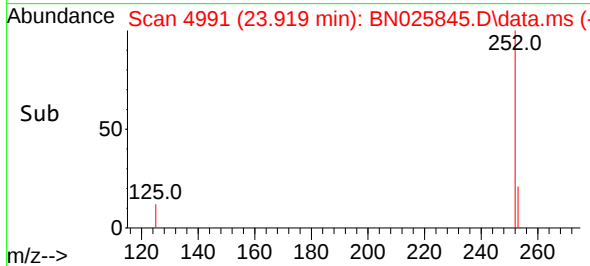
Instrument :
BNA_N
ClientSampleId :
EW997RE



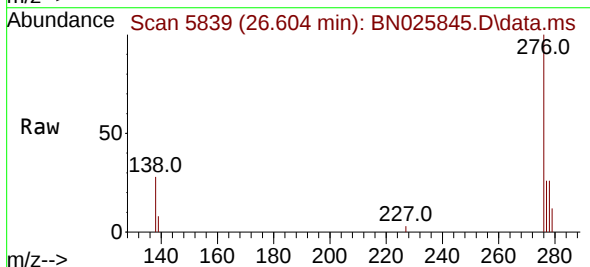
Tgt Ion:252 Resp: 5615
Ion Ratio Lower Upper
252 100
253 24.8 25.8 38.8
125 16.4 13.5 20.3

Manual Integrations
APPROVED

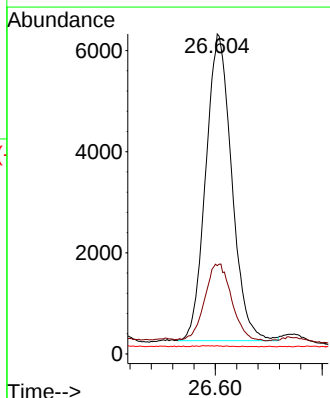
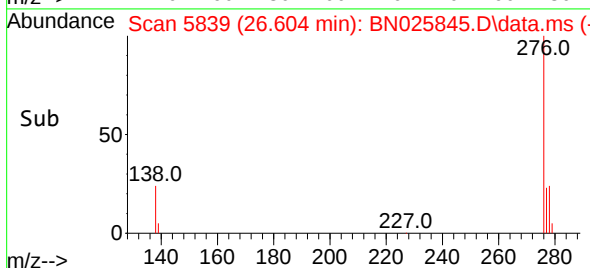
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

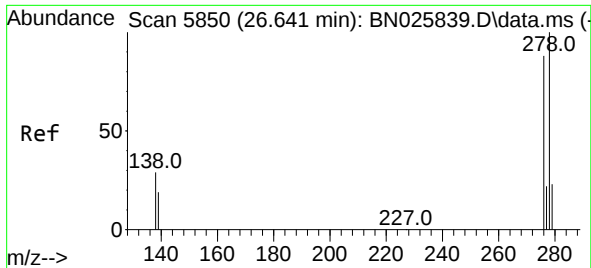


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 26.604 min Scan# 5839
Delta R.T. -0.018 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40



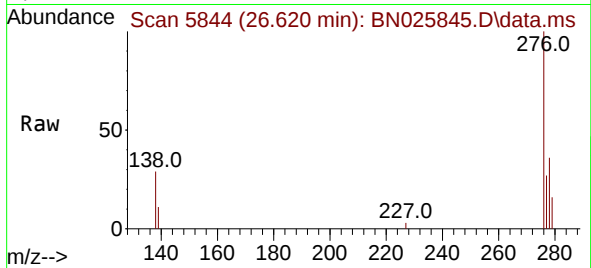
Tgt Ion:276 Resp: 20468
Ion Ratio Lower Upper
276 100
138 25.8 24.6 36.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.620 min Scan# 5844
Delta R.T. -0.021 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40

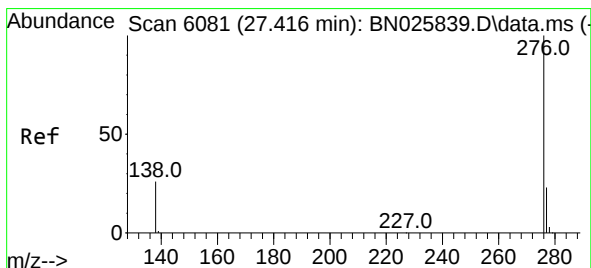
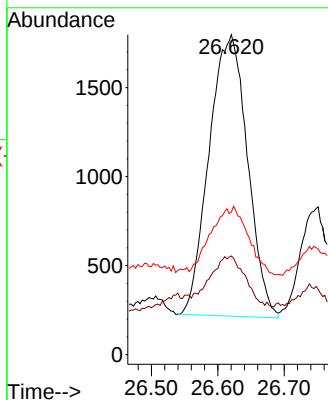
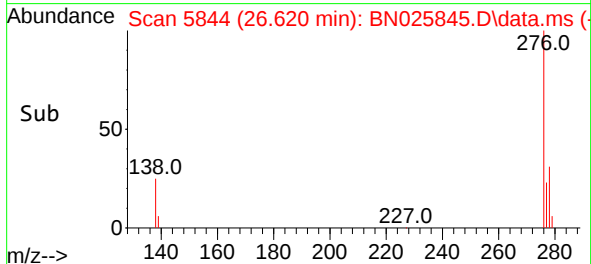
Instrument :
BNA_N
ClientSampleId :
EW997RE



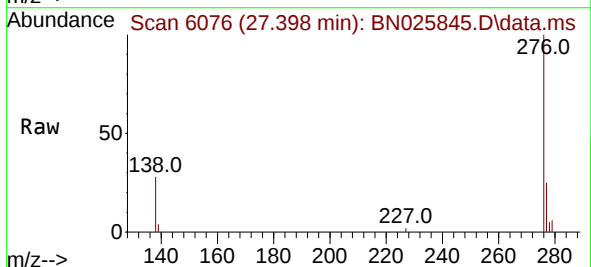
Tgt Ion:278 Resp: 6339
Ion Ratio Lower Upper
278 100
139 30.8 17.9 26.9
279 44.5 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.398 min Scan# 6076
Delta R.T. -0.018 min
Lab File: BN025845.D
Acq: 14 Jun 2023 16:40



Tgt Ion:276 Resp: 23254
Ion Ratio Lower Upper
276 100
138 27.9 21.8 32.8
277 24.9 19.4 29.2

