

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026009.D
 Acq On : 24 Jun 2023 17:25
 Operator : MA/JU
 Sample : 03085-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:50:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	23097	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.611	164	14242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	31990	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	22485	0.400	ng/ul	0.00
23) Perylene-d12	24.007	264	19456	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	21821	2.721	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.375	152	7096	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	18678	0.218	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.835	128	10256	0.155	ng/ul	98
7) 2-Methylnaphthalene	12.446	142	4724	0.112	ng/ul	99
8) 1-Methylnaphthalene	12.666	142	3133	0.072	ng/ul	96
10) Acenaphthylene	14.334	152	14301	0.214	ng/ul	98
11) Acenaphthene	14.676	153	3711	0.068	ng/ul	96
12) Fluorene	15.661	166	2957	0.047	ng/ul#	97
15) Phenanthrene	17.401	178	86974	0.823	ng/ul	100
16) Anthracene	17.490	178	18459	0.197	ng/ul	97
19) Fluoranthene	19.414	202	298100	2.482	ng/ul	98
20) Pyrene	19.776	202	247702	1.983	ng/ul	97
21) Benzo(a)anthracene	21.525	228	151752	1.636	ng/ul	98
22) Chrysene	21.578	228	179025	1.855	ng/ul	98
24) Benzo(b)fluoranthene	23.252	252	247358m	2.979	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	84337m	1.011	ng/ul	
26) Benzo(a)pyrene	23.901	252	148621	2.061	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.593	276	117975	1.498	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.610	278	29196	0.490	ng/ul	99
29) Benzo(g,h,i)perylene	27.398	276	120227	1.716	ng/ul	95

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

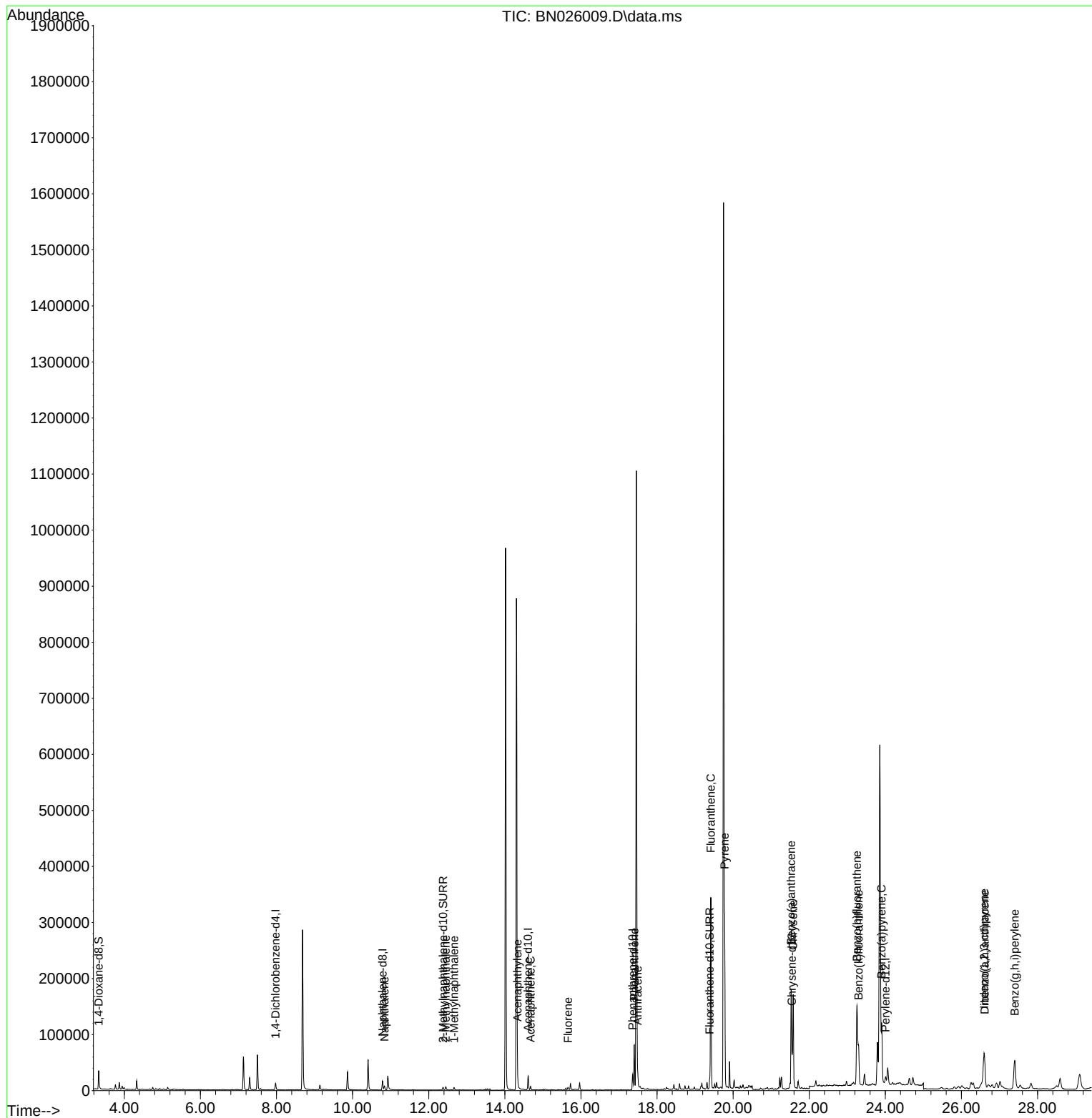
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026009.D
Acq On : 24 Jun 2023 17:25
Operator : MA/JU
Sample : 03085-12
Misc :
ALS Vial : 38 Sample Multiplier: 1

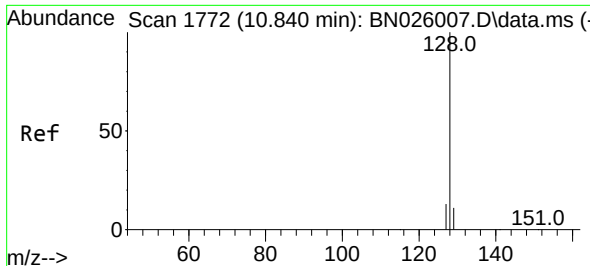
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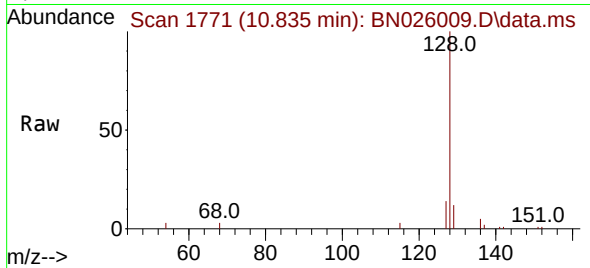
Quant Time: Jun 24 23:50:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.835 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

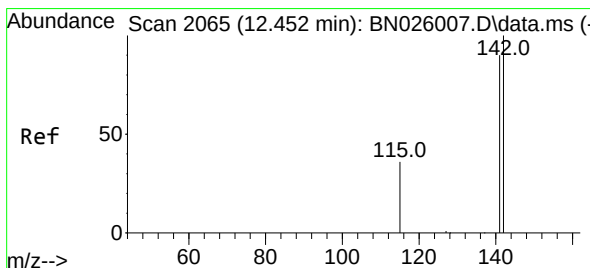
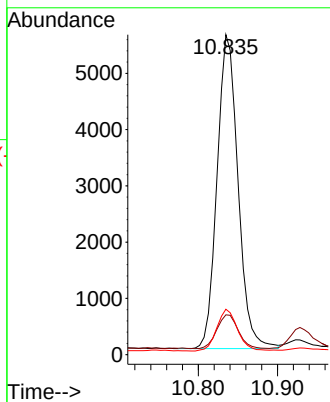
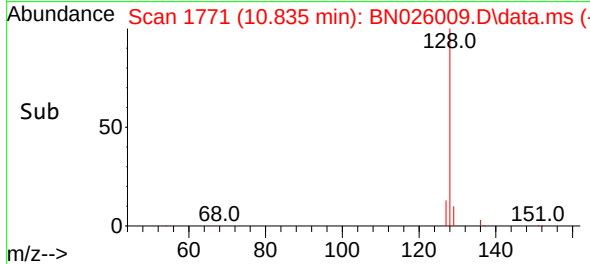
Instrument :
BNA_N
ClientSampleId :
DCFP8



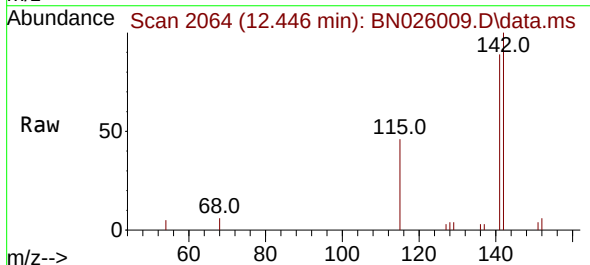
Tgt Ion:128 Resp: 10250
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.2 10.7 16.1

Manual Integrations
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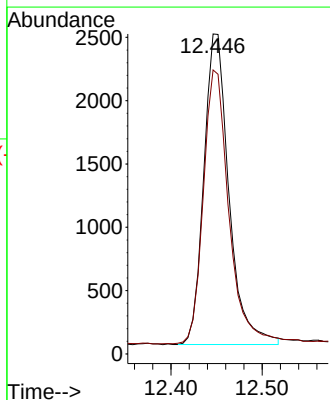
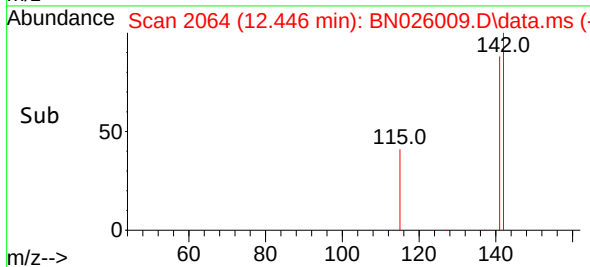
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

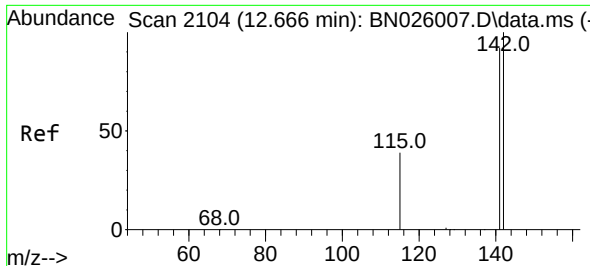


#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25



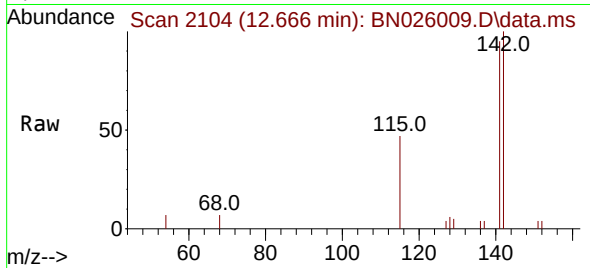
Tgt Ion:142 Resp: 4724
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

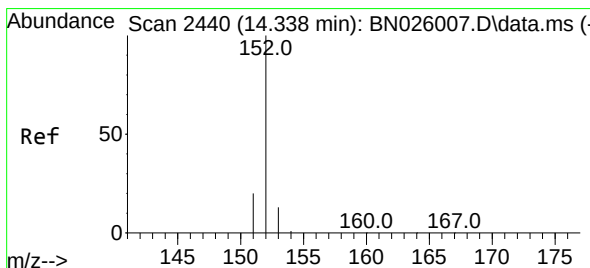
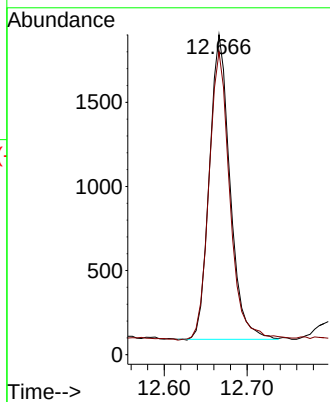
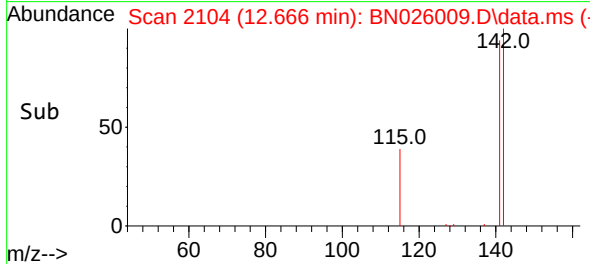
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 313
Ion Ratio Lower Upper
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141 96.2 74.2 111.4

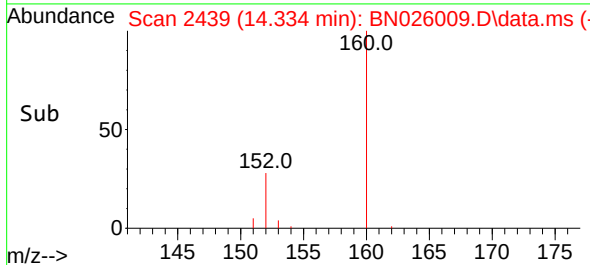
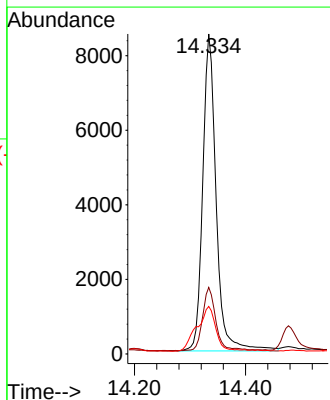
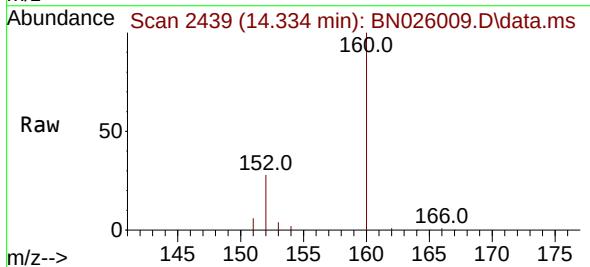
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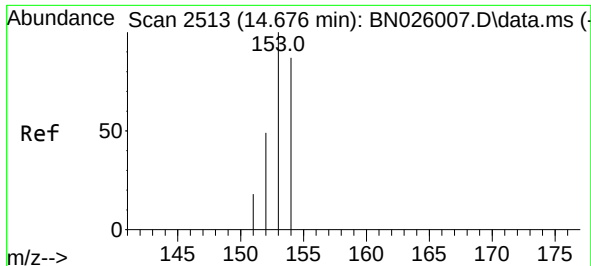
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.010 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

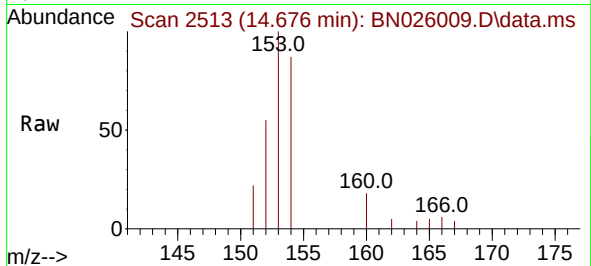
Tgt Ion:152 Resp: 14301
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.068 ng/u1
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

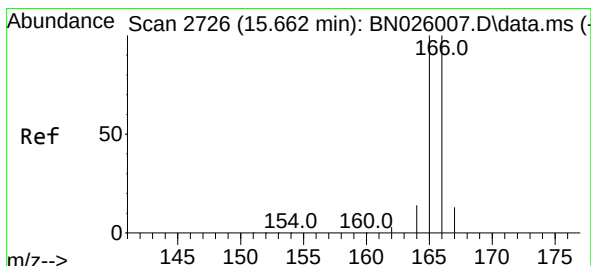
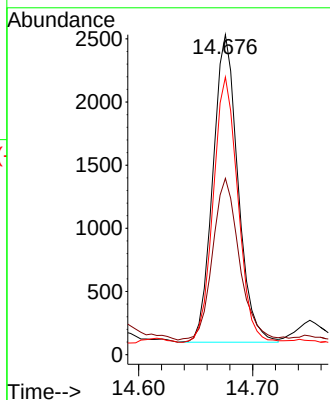
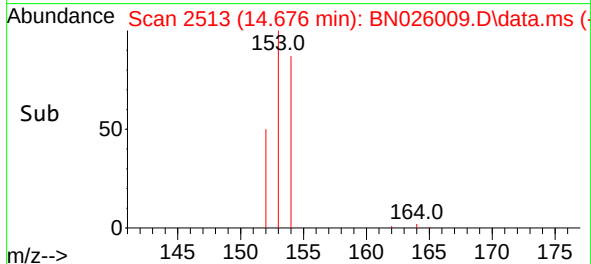
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 371
Ion Ratio Lower Upper
153 100
152 55.1 39.4 59.0
154 86.8 68.9 103.3

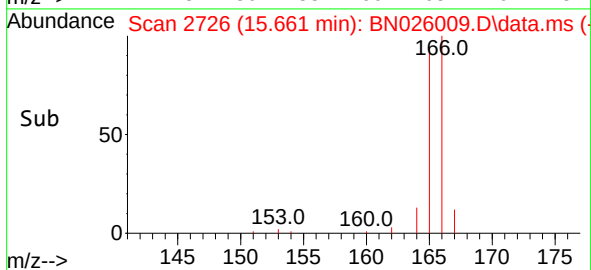
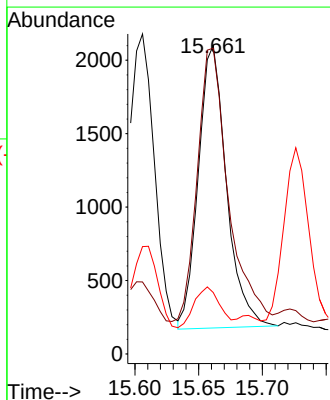
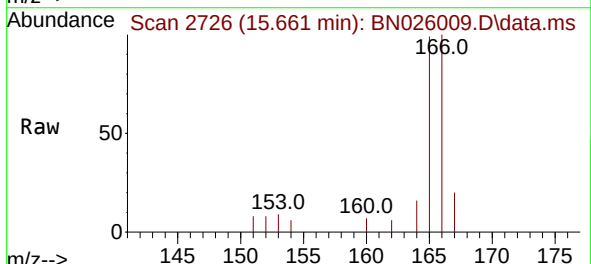
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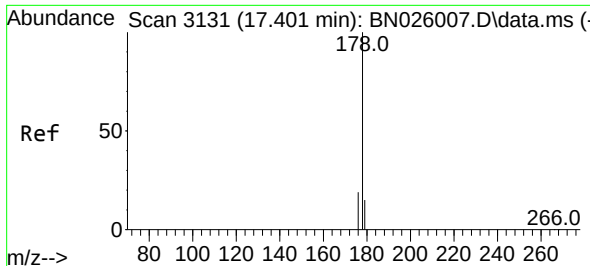
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.047 ng/u1
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

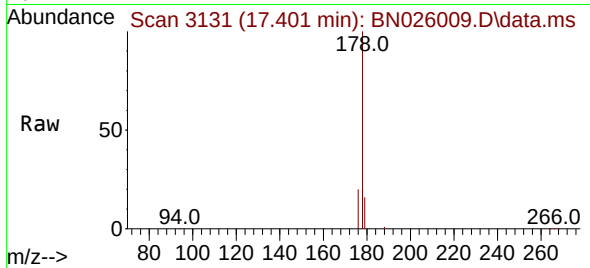
Tgt Ion:166 Resp: 2957
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 19.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.823 ng/u1
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

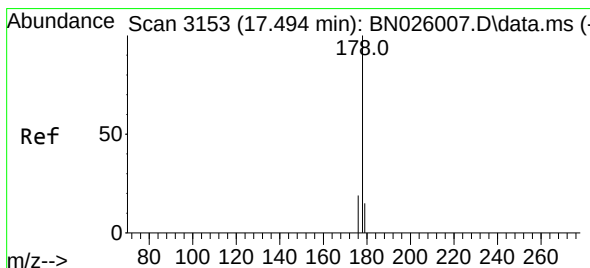
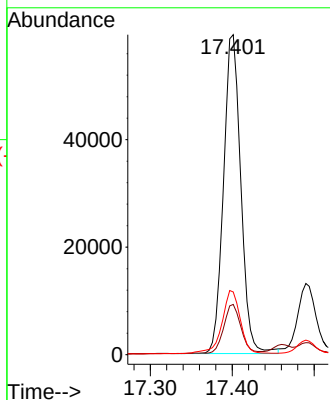
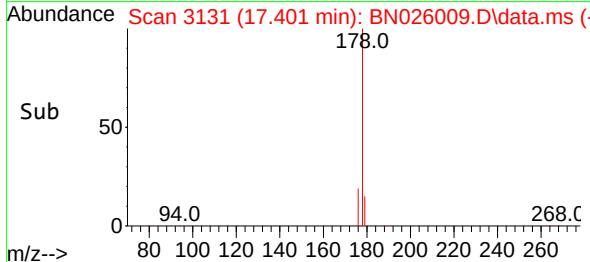
Instrument :
BNA_N
ClientSampleId :
DCFP8



Tgt Ion:178 Resp: 86974
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6

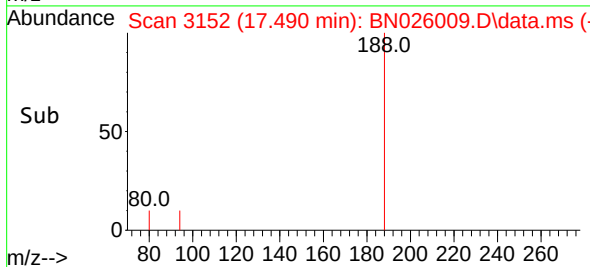
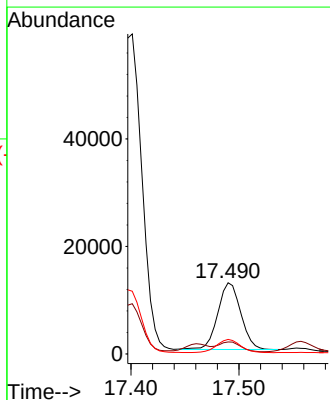
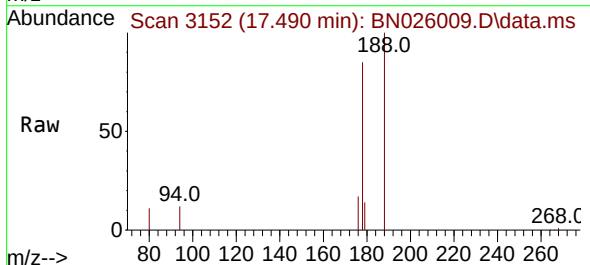
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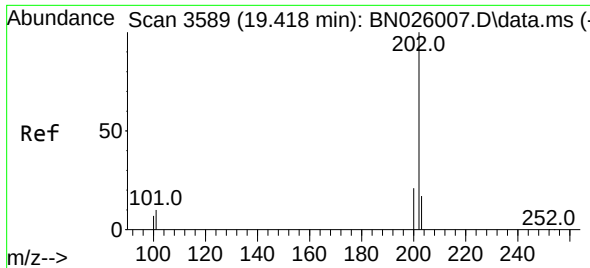
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.197 ng/u1
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

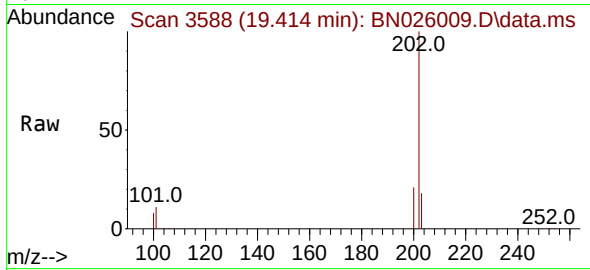
Tgt Ion:178 Resp: 18459
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.5 15.1 22.7





#19
Fluoranthene
Concen: 2.482 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

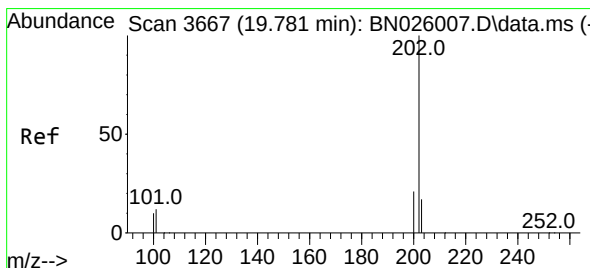
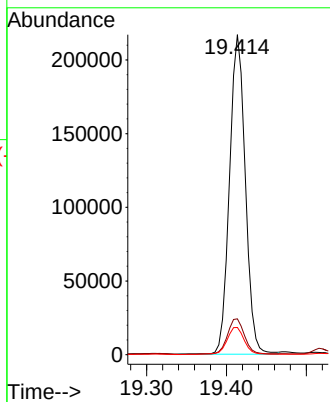
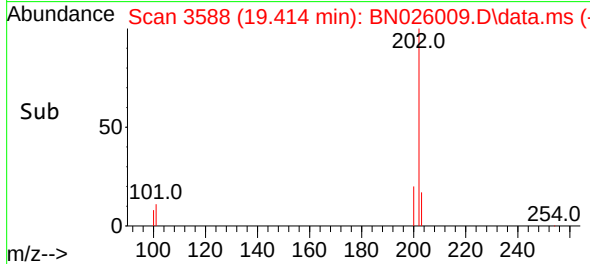
Instrument :
BNA_N
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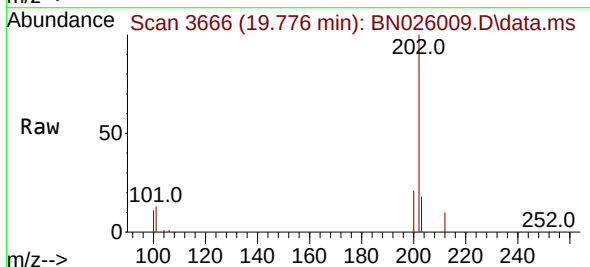
Tgt Ion:202 Resp: 298100
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.5 7.3 10.9

Manual Integrations
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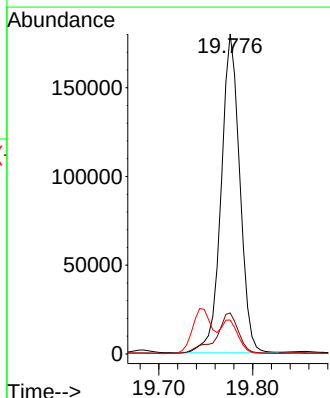
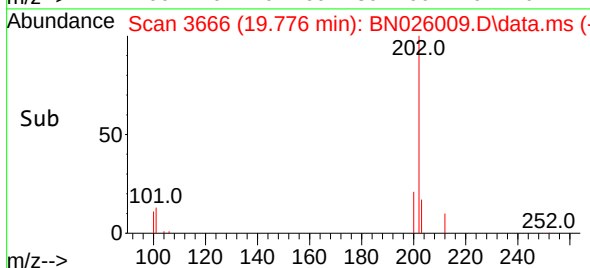
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

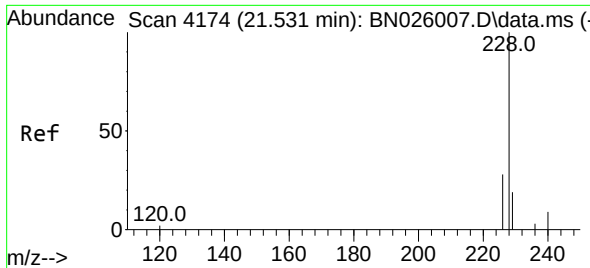


#20
Pyrene
Concen: 1.983 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25



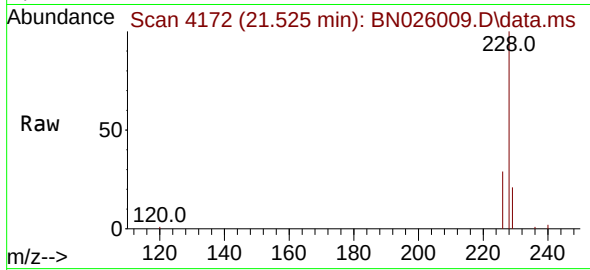
Tgt Ion:202 Resp: 247702
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.636 ng/ul
RT: 21.525 min Scan# 4174
Delta R.T. -0.007 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

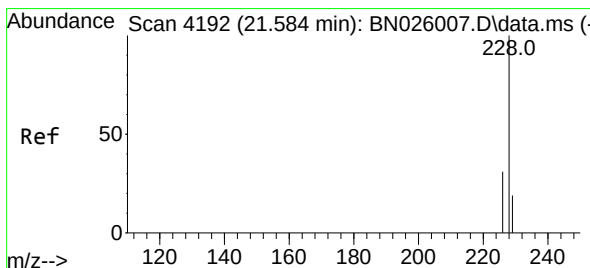
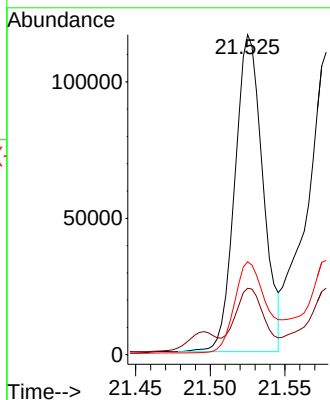
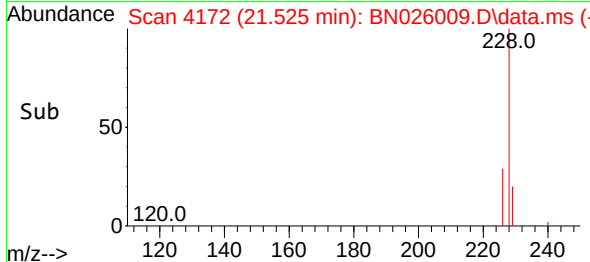
Instrument :
BNA_N
ClientSampleId :
DCFP8



Tgt Ion:228 Resp: 151752
Ion Ratio Lower Upper
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229 20.7 15.8 23.6
226 29.1 22.5 33.7

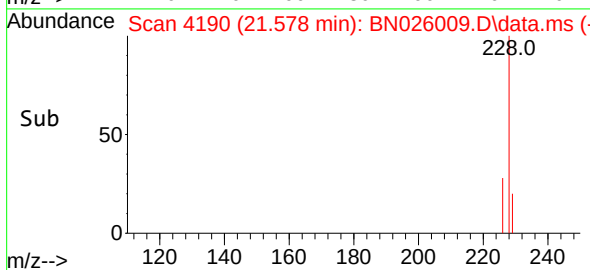
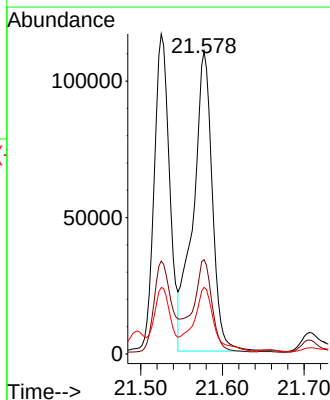
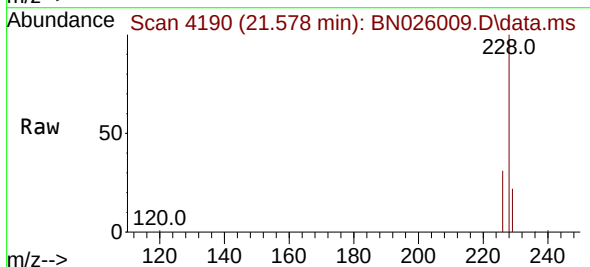
Manual Integrations
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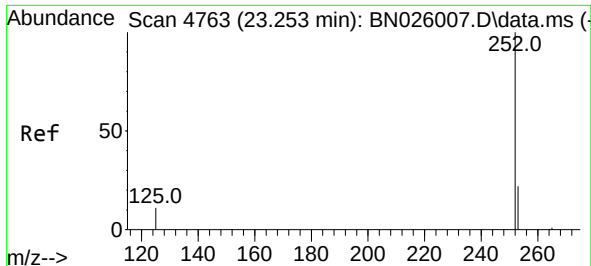
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 1.855 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.007 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

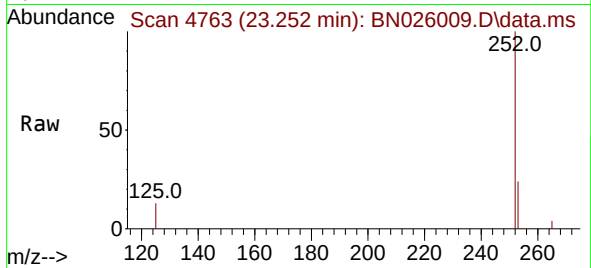
Tgt Ion:228 Resp: 179025
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.979 ng/ul m
RT: 23.252 min Scan# 4763
Delta R.T. -0.004 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

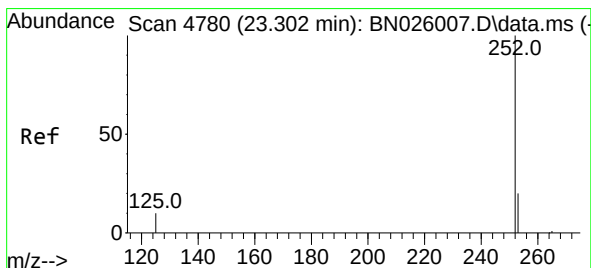
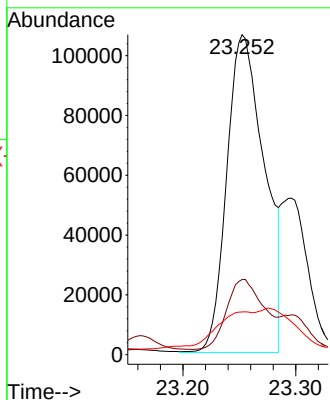
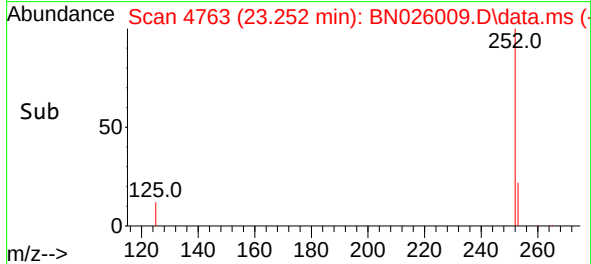
Instrument :
BNA_N
ClientSampleId :
DCFP8



Tgt Ion:252 Resp: 247358
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 13.4 0.0 35.8

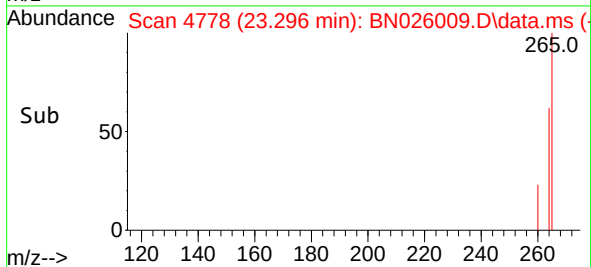
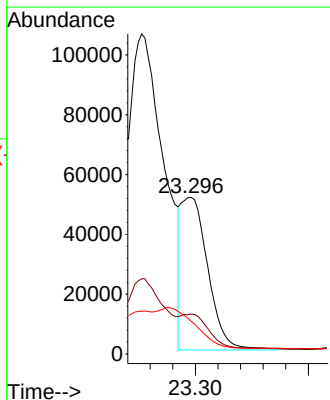
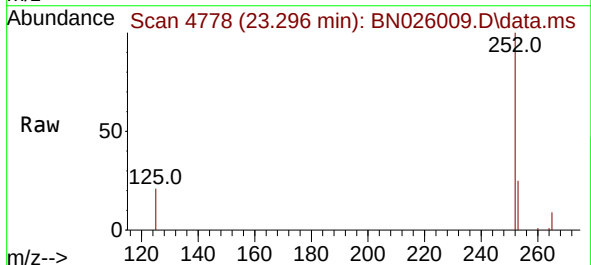
Manual Integrations
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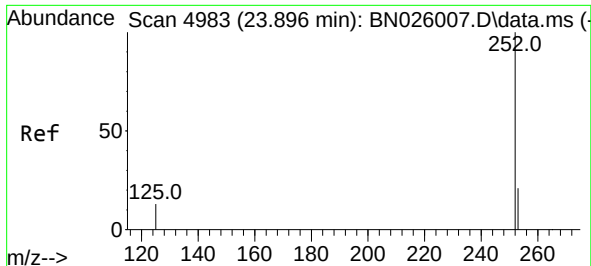
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.011 ng/ul m
RT: 23.296 min Scan# 4778
Delta R.T. -0.013 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

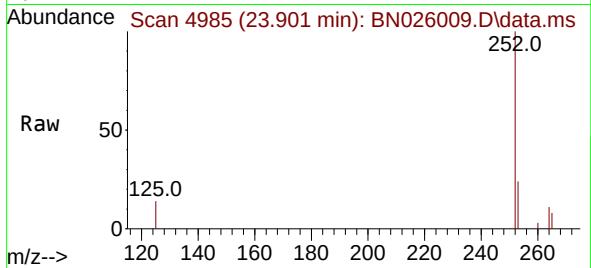
Tgt Ion:252 Resp: 84337
Ion Ratio Lower Upper
252 100
253 25.5 23.2 34.8
125 20.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.061 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.007 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

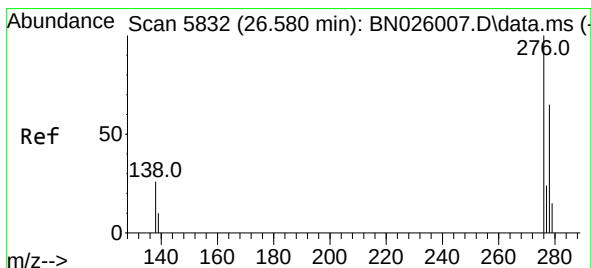
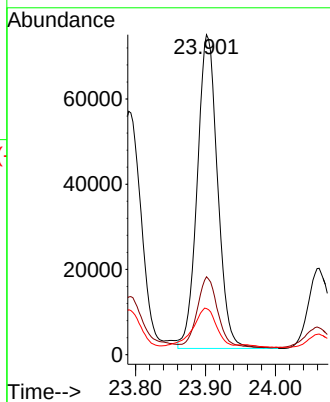
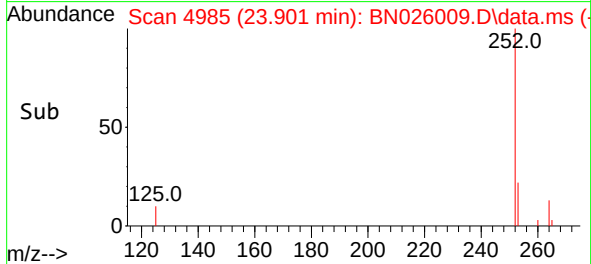
Instrument :
BNA_N
ClientSampleId :
DCFP8



Tgt Ion:252 Resp: 14862
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0
125 14.4 17.3 25.9

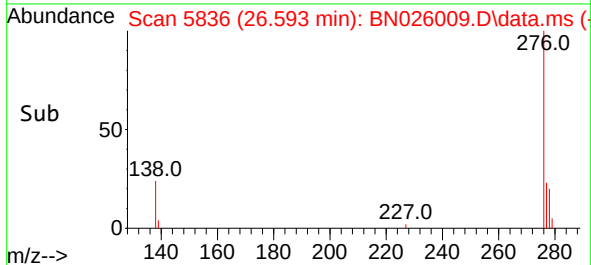
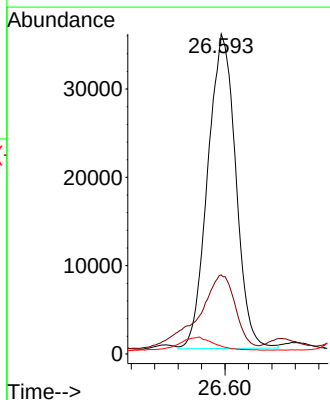
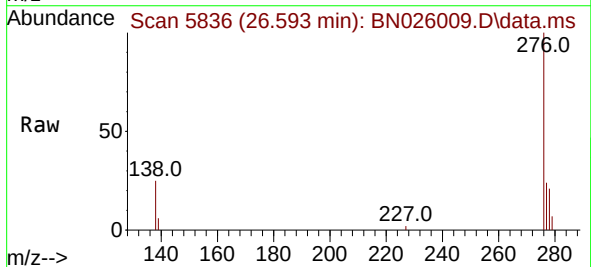
Manual Integrations
APPROVED

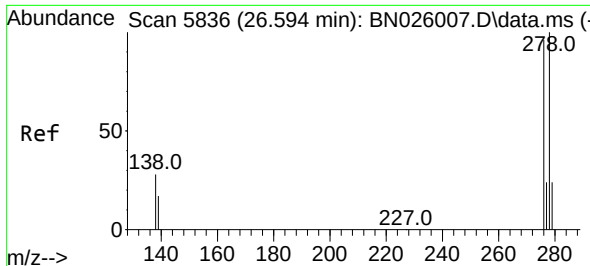
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.498 ng/ul
RT: 26.593 min Scan# 5836
Delta R.T. -0.001 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

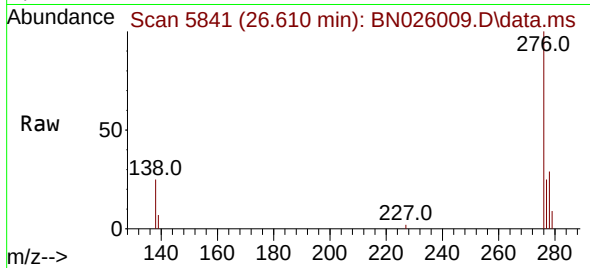
Tgt Ion:276 Resp: 117975
Ion Ratio Lower Upper
276 100
138 30.9 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 26.610 min Scan# 5841
Delta R.T. -0.011 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25

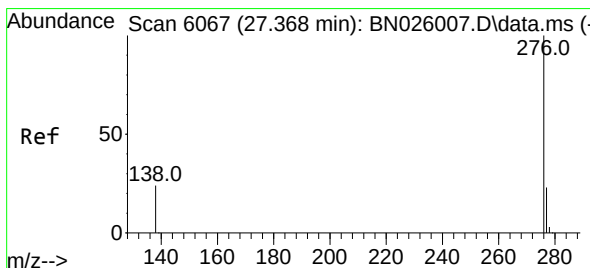
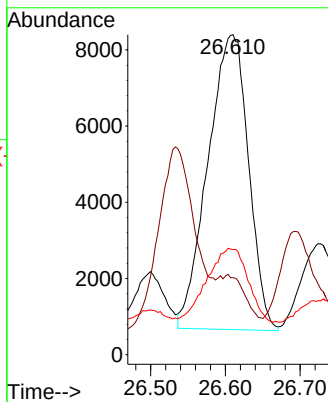
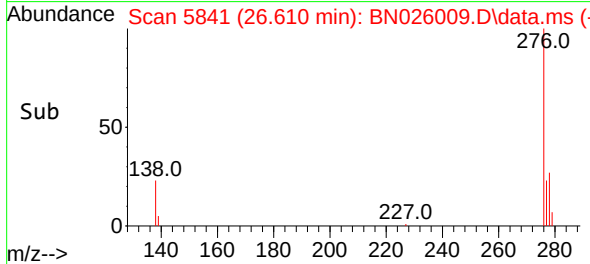
Instrument :
BNA_N
ClientSampleId :
DCFP8



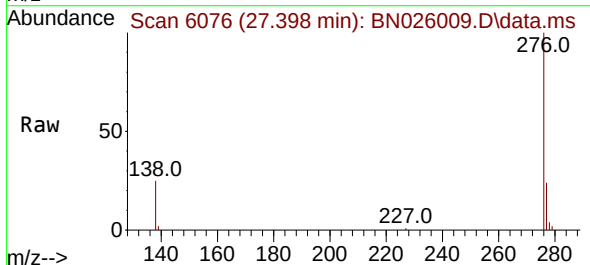
Tgt Ion:278 Resp: 29190
Ion Ratio Lower Upper
278 100
139 24.1 19.0 28.4
279 32.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 1.716 ng/ul
RT: 27.398 min Scan# 6076
Delta R.T. 0.012 min
Lab File: BN026009.D
Acq: 24 Jun 2023 17:25



Tgt Ion:276 Resp: 120227
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 24.2 20.0 30.0

