

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026011.D
 Acq On : 24 Jun 2023 18:38
 Operator : MA/JU
 Sample : 03085-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:50:39 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	7356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	23663	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	14693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	32587	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	20950	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	17787	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	19585	2.364	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	6547	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	16143	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	2223	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.447	142	1128	0.026	ng/ul	94
8) 1-Methylnaphthalene	12.667	142	947	0.021	ng/ul	97
10) Acenaphthylene	14.334	152	10051	0.146	ng/ul	98
11) Acenaphthene	14.677	153	2038	0.036	ng/ul	95
12) Fluorene	15.662	166	2085	0.032	ng/ul#	96
14) Pentachlorophenol	17.018	266	241	0.021	ng/ul	97
15) Phenanthrene	17.402	178	204773	1.902	ng/ul	99
16) Anthracene	17.490	178	13581	0.142	ng/ul	95
19) Fluoranthene	19.415	202	521650	4.662	ng/ul	98
20) Pyrene	19.777	202	316292	2.718	ng/ul	98
21) Benzo(a)anthracene	21.529	228	44696	0.517	ng/ul	96
22) Chrysene	21.581	228	137116	1.525	ng/ul	98
24) Benzo(b)fluoranthene	23.262	252	113364m	1.493	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	39916m	0.524	ng/ul	
26) Benzo(a)pyrene	23.911	252	38759	0.588	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.601	276	38748	0.538	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.618	278	9122	0.167	ng/ul#	76
29) Benzo(g,h,i)perylene	27.409	276	37857	0.591	ng/ul	99

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

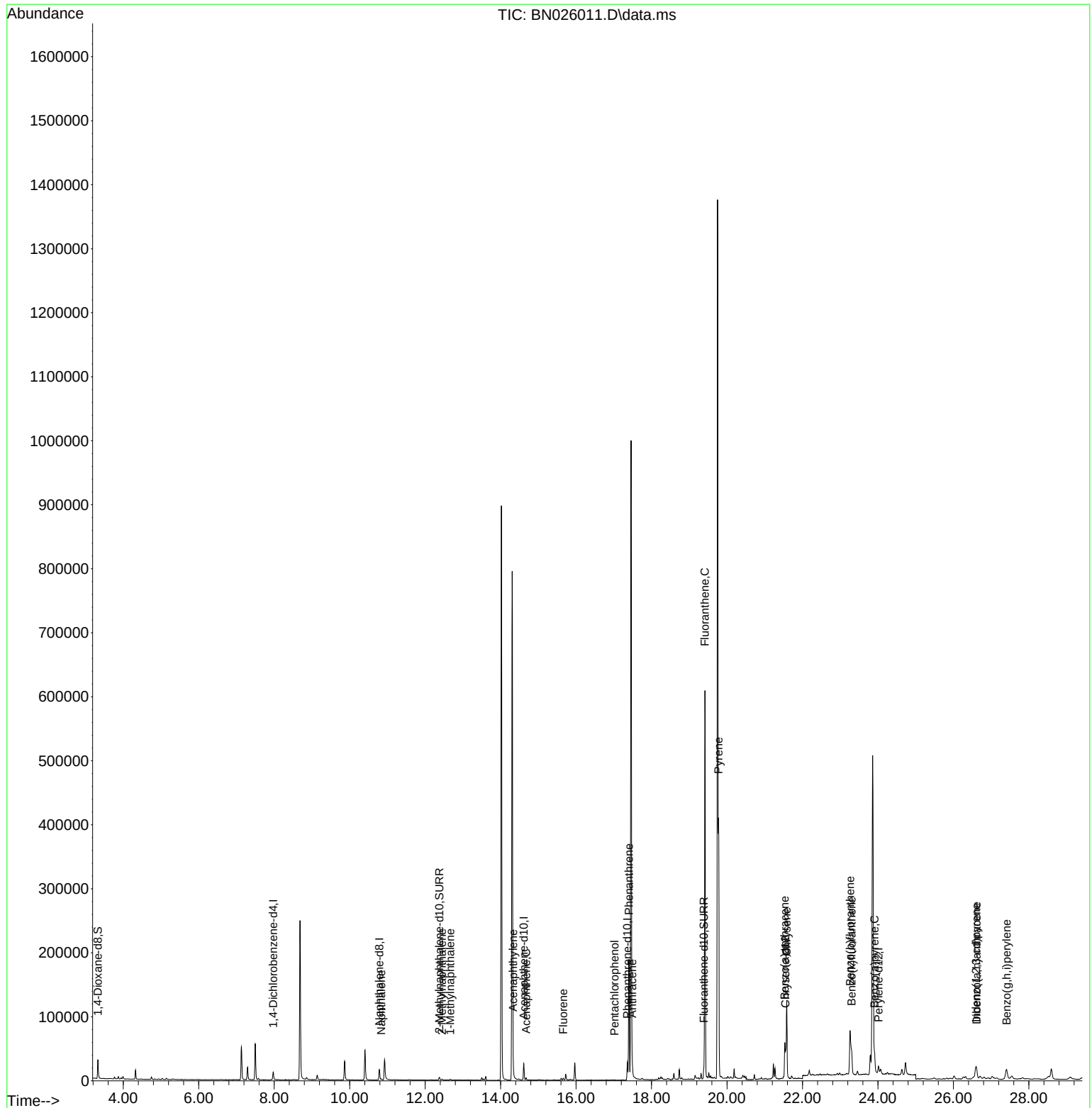
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026011.D
Acq On : 24 Jun 2023 18:38
Operator : MA/JU
Sample : 03085-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

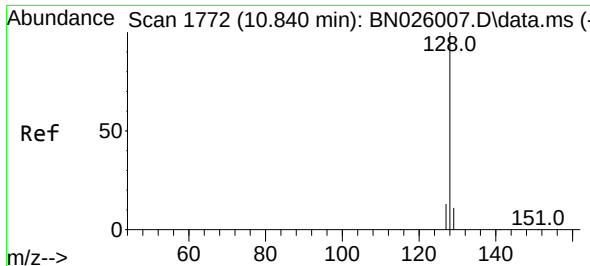
Instrument :
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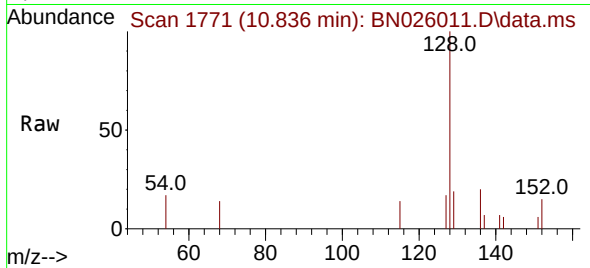
Quant Time: Jun 24 23:50:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

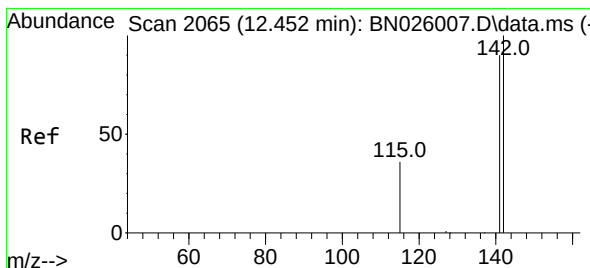
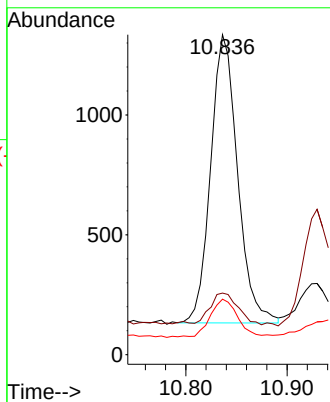
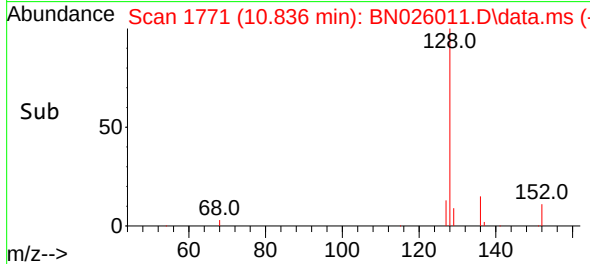
Instrument :
BNA_N
ClientSampleId :
DCFQ1



Tgt Ion:128 Resp: 222
Ion Ratio Lower Upper
128 100
129 19.3 9.1 13.7
127 17.4 10.7 16.1

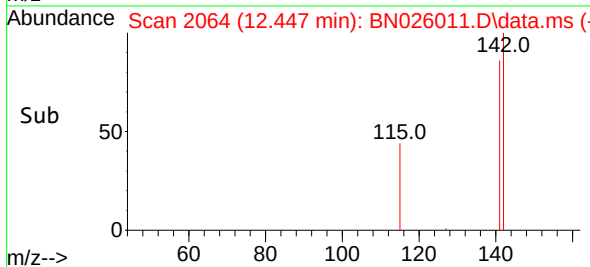
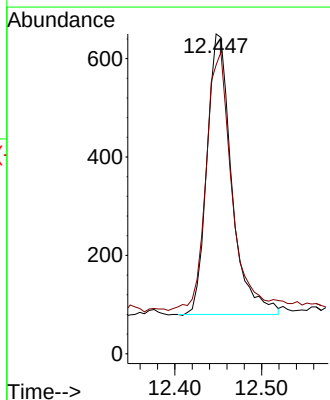
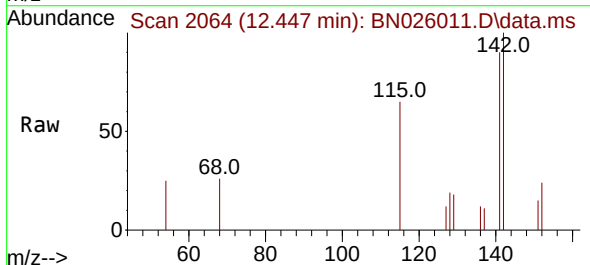
Manual Integrations
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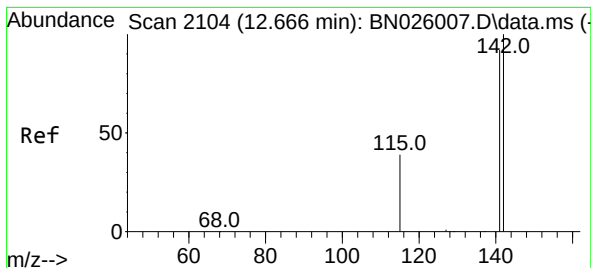
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

Tgt Ion:142 Resp: 1128
Ion Ratio Lower Upper
142 100
141 95.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.667 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

Instrument :

BNA_N

ClientSampleId :

DCFQ1

Tgt Ion:142 Resp: 94

Ion Ratio Lower Upper

142 100

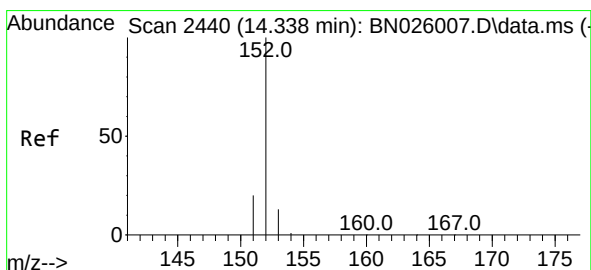
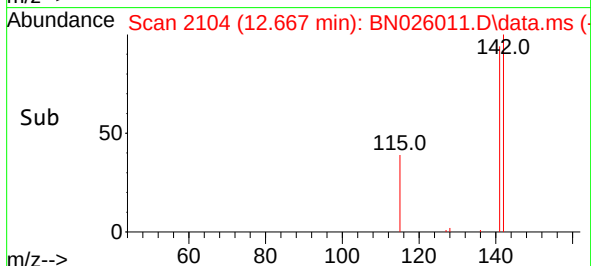
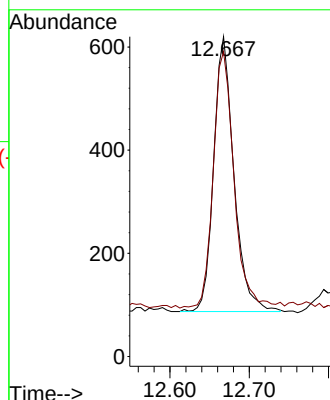
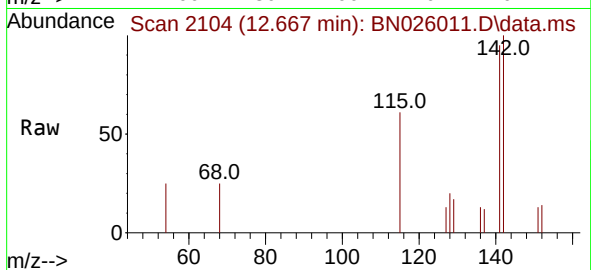
141 95.4 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/25/2023

Supervised By :mohammad ahmed 06/25/2023



#10

Acenaphthylene

Concen: 0.146 ng/ul

RT: 14.334 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN026011.D

Acq: 24 Jun 2023 18:38

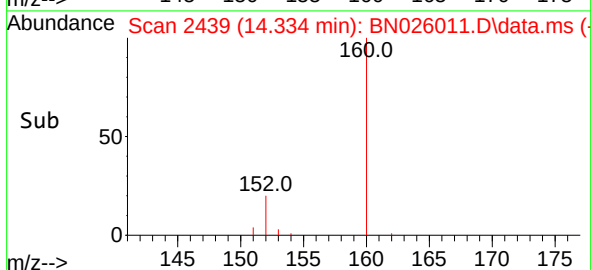
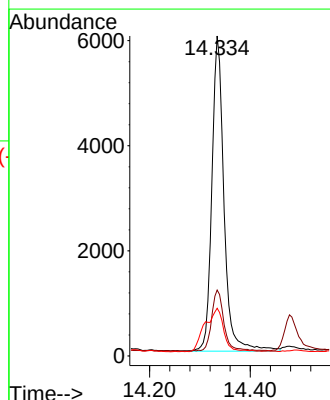
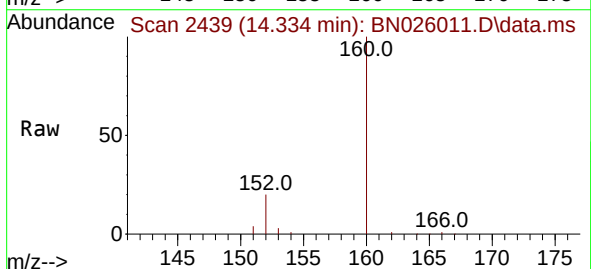
Tgt Ion:152 Resp: 10051

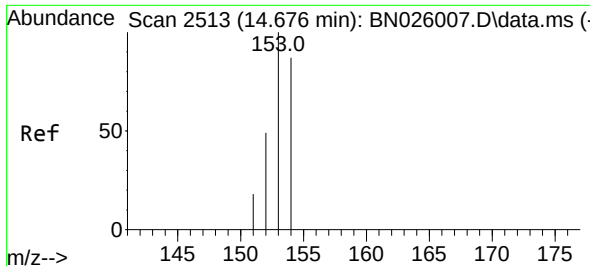
Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

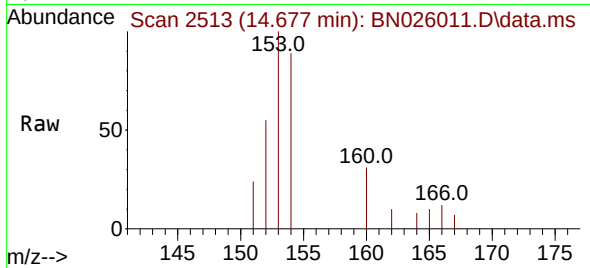
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

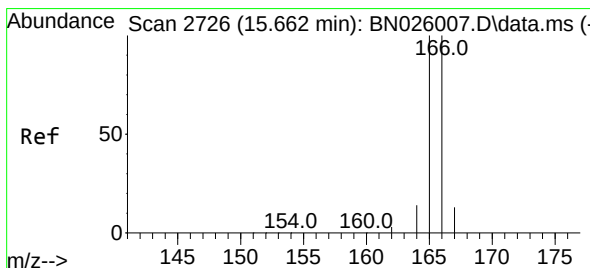
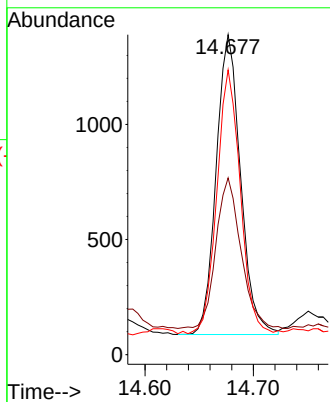
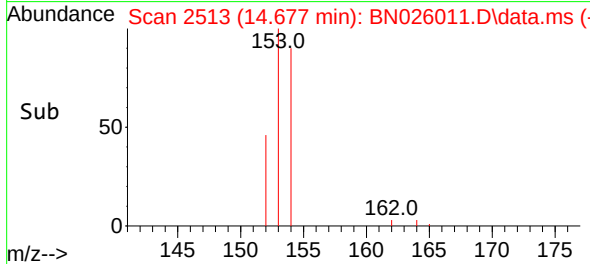
Instrument :
BNA_N
ClientSampleId :
DCFQ1



Tgt Ion:153 Resp: 2038
Ion Ratio Lower Upper
153 100
152 55.3 39.4 59.0
154 89.0 68.9 103.3

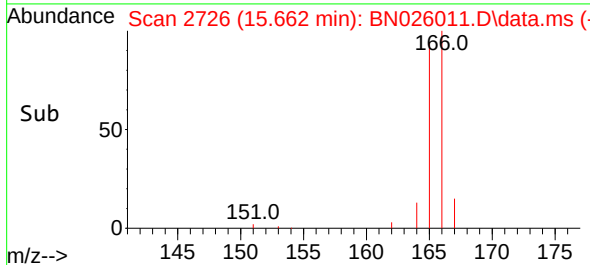
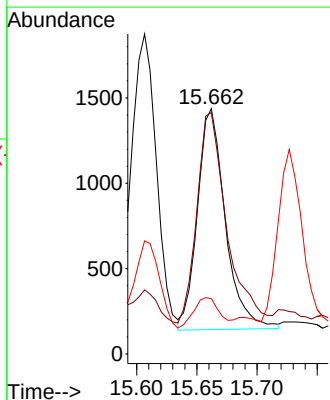
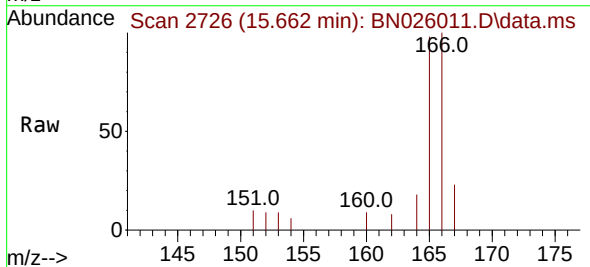
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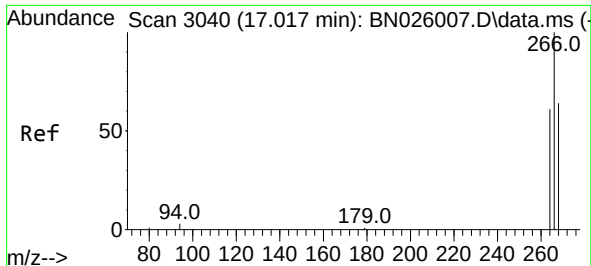
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

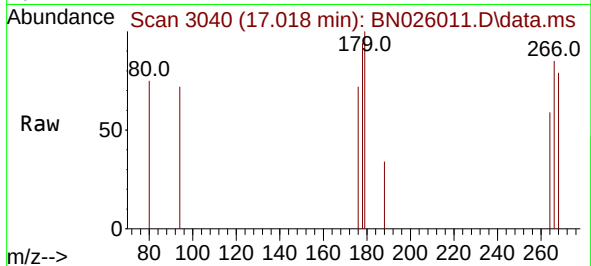
Tgt Ion:166 Resp: 2085
Ion Ratio Lower Upper
166 100
165 98.5 79.9 119.9
167 22.6 10.8 16.2#





#14
Pentachlorophenol
Concen: 0.021 ng/u1
RT: 17.018 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

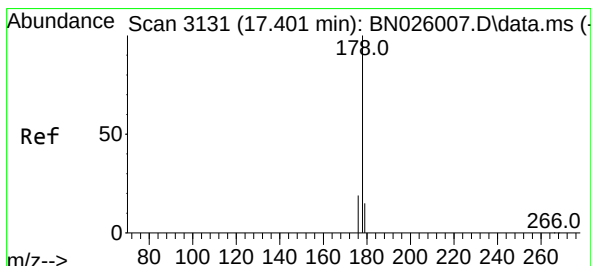
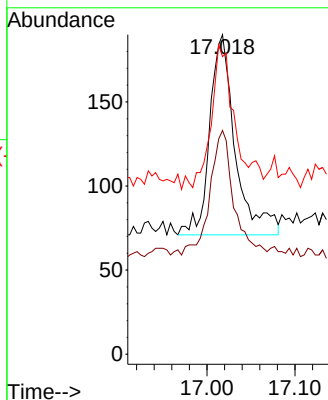
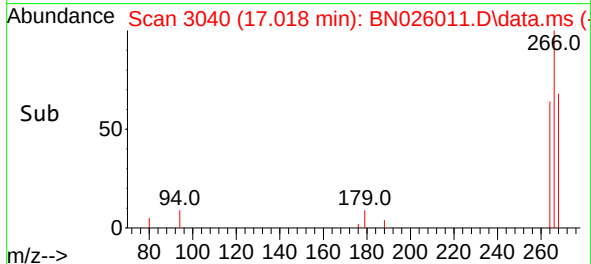
Instrument :
BNA_N
ClientSampleId :
DCFQ1



Tgt Ion:266 Resp: 243
Ion Ratio Lower Upper
266 100
264 59.3 50.5 75.7
268 64.7 51.6 77.4

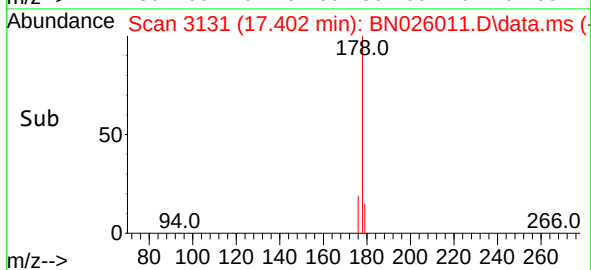
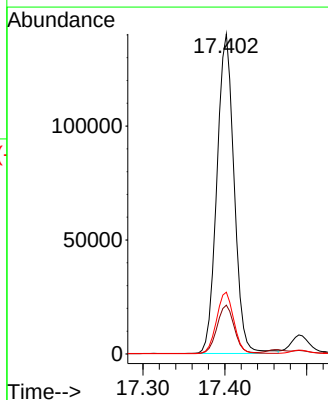
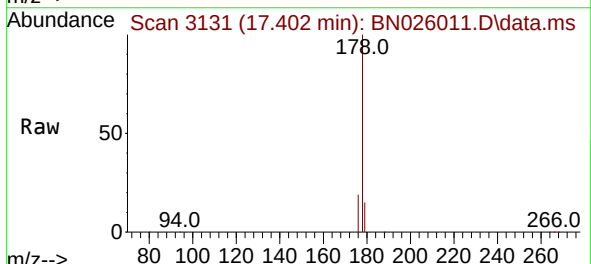
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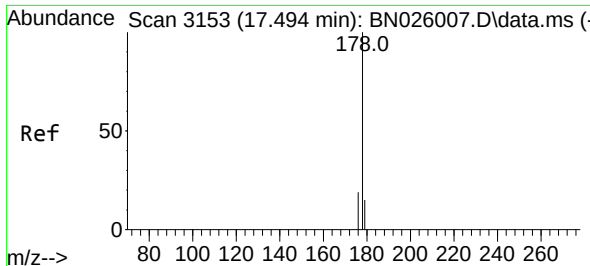
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#15
Phenanthrene
Concen: 1.902 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

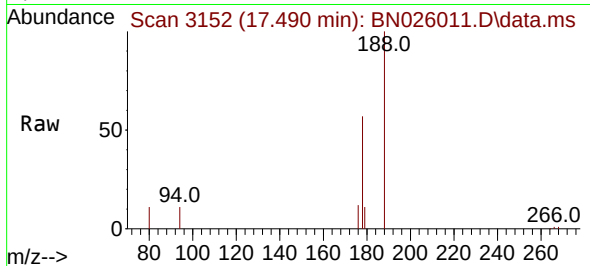
Tgt Ion:178 Resp: 204773
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.3 15.8 23.6





#16
 Anthracene
 Concen: 0.142 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.008 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

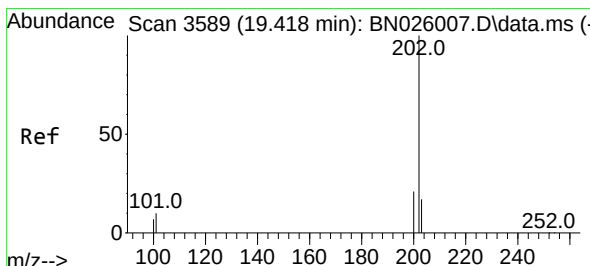
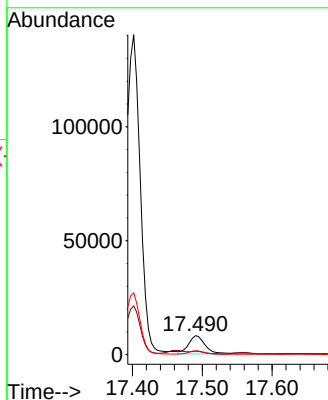
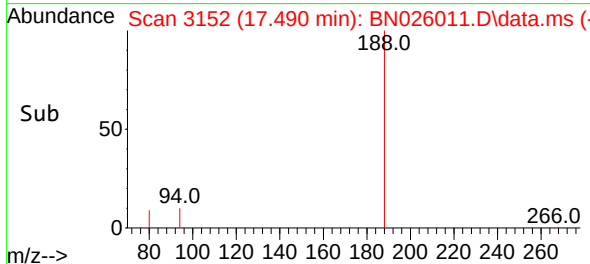
Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1



Tgt Ion:178 Resp: 1358
 Ion Ratio Lower Upper
 178 100
 179 18.6 12.6 18.8
 176 20.2 15.1 22.7

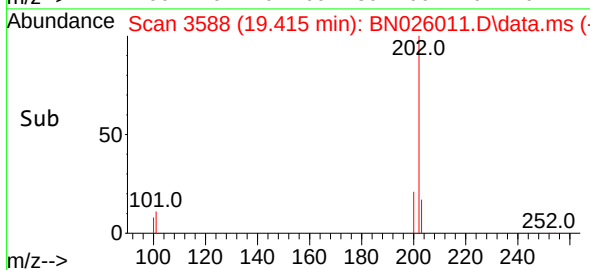
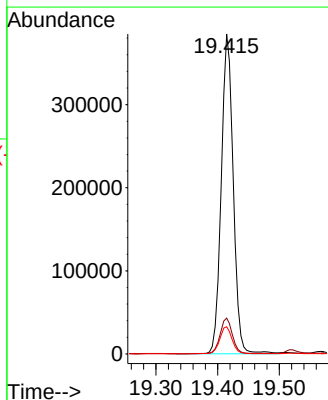
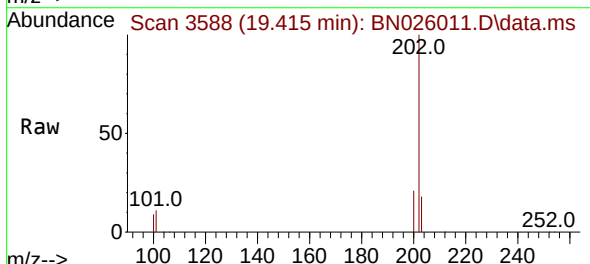
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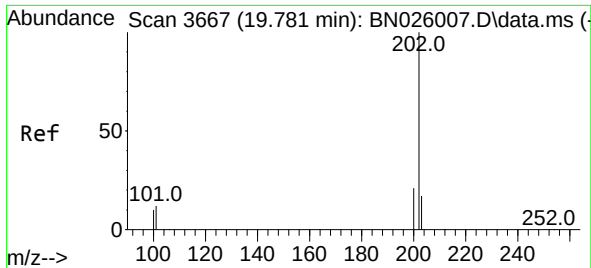
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023



#19
 Fluoranthene
 Concen: 4.662 ng/ul
 RT: 19.415 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

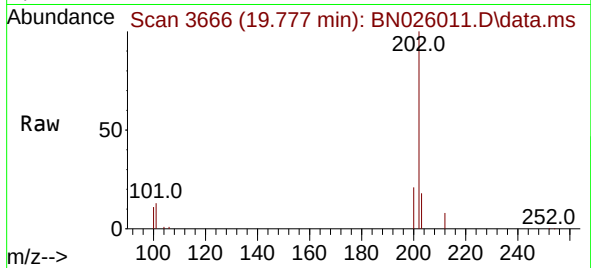
Tgt Ion:202 Resp: 521650
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.5 14.3
 100 8.5 7.3 10.9





#20
Pyrene
Concen: 2.718 ng/ul
RT: 19.777 min Scan# 31629
Delta R.T. -0.005 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

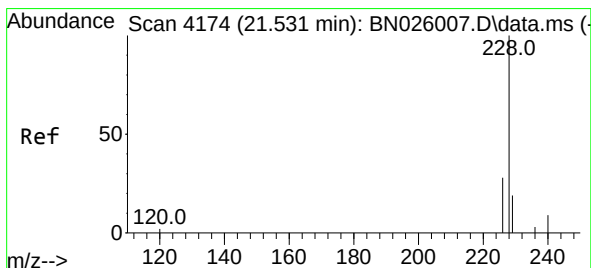
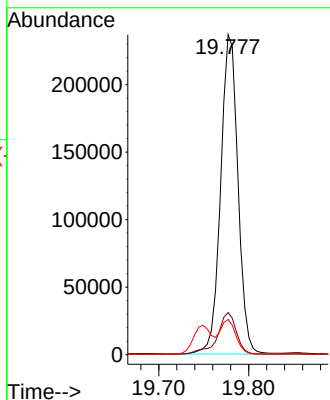
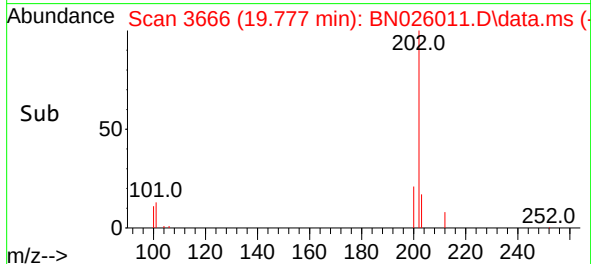
Instrument :
BNA_N
ClientSampleId :
DCFQ1



Tgt Ion:202 Resp: 31629
Ion Ratio Lower Upper
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101 13.2 11.4 17.0
100 11.0 9.1 13.7

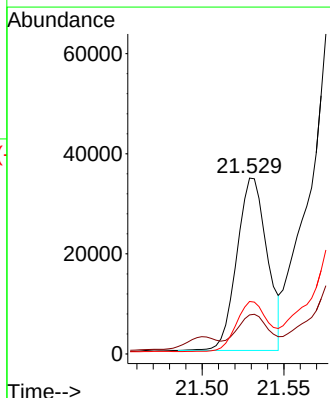
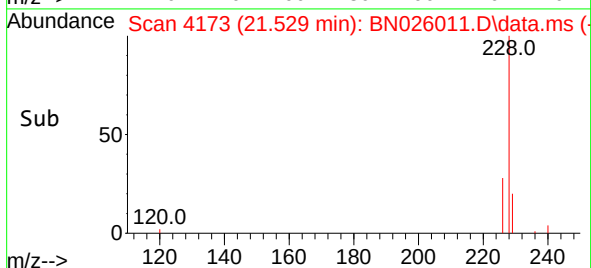
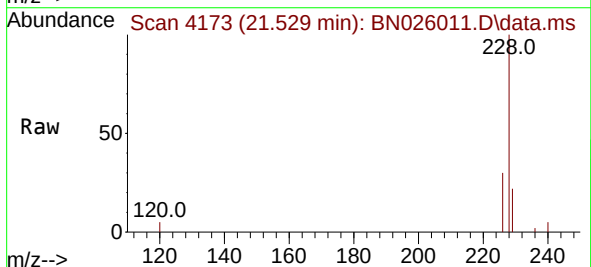
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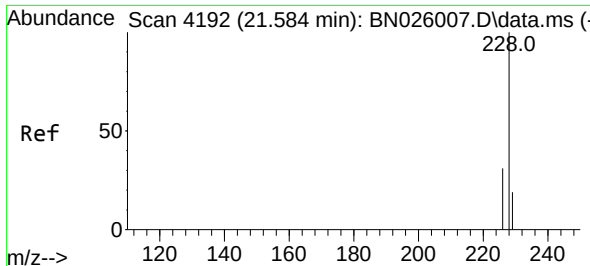
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#21
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

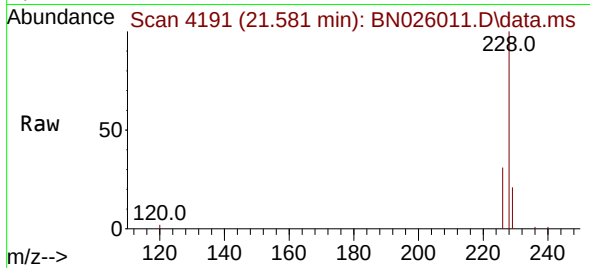
Tgt Ion:228 Resp: 44696
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.9 22.5 33.7





#22
Chrysene
Concen: 1.525 ng/ul
RT: 21.581 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

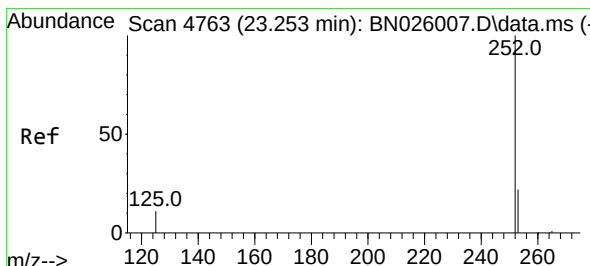
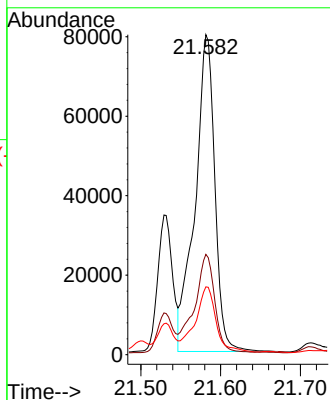
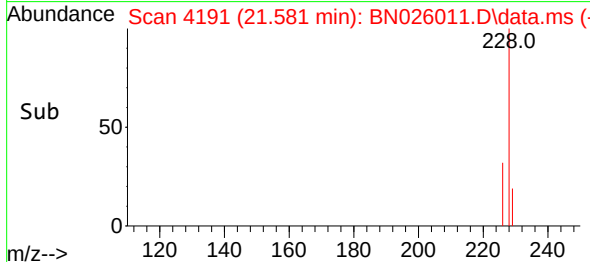
Instrument :
BNA_N
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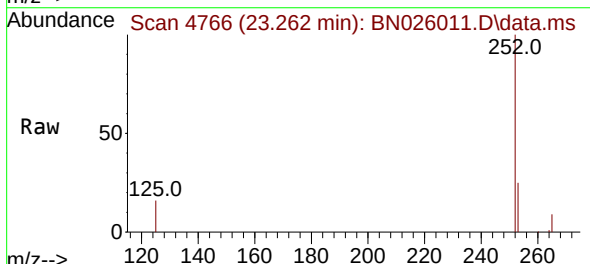
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Ion Ratio Lower Upper
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226 31.3 24.8 37.2
229 21.2 15.7 23.5

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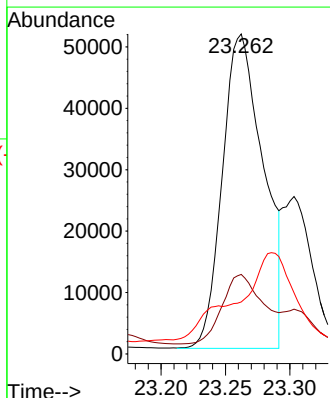
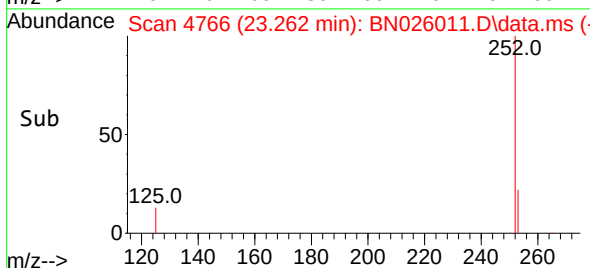
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

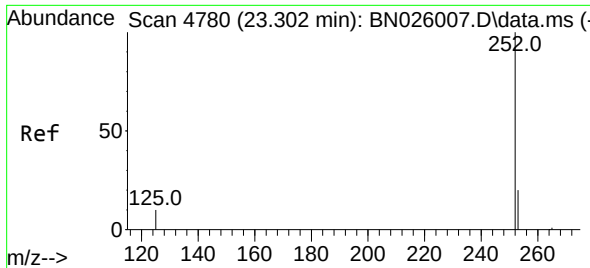


#24
Benzo(b)fluoranthene
Concen: 1.493 ng/ul m
RT: 23.262 min Scan# 4766
Delta R.T. 0.006 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38



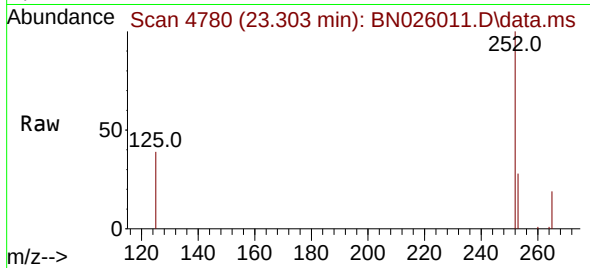
Tgt Ion:252 Resp: 113364
Ion Ratio Lower Upper
252 100
253 24.9 0.0 55.6
125 16.3 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.524 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

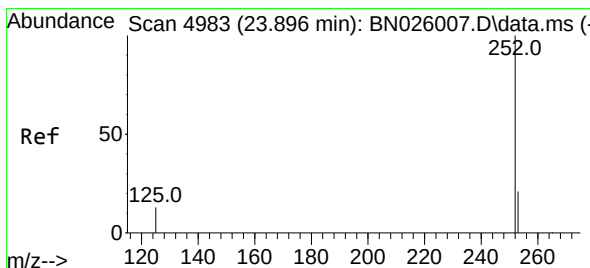
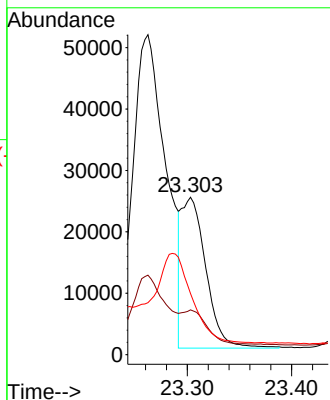
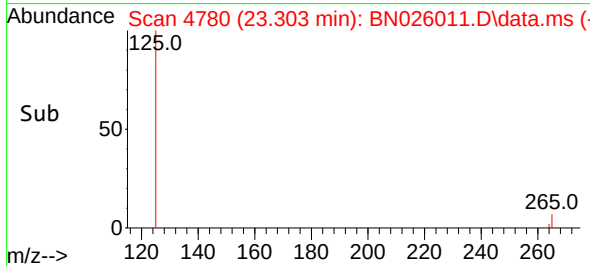
Instrument :
BNA_N
ClientSampleId :
DCFQ1



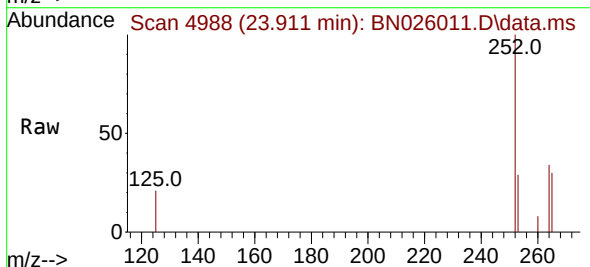
Tgt Ion:252 Resp: 39910
Ion Ratio Lower Upper
252 100
253 28.5 23.2 34.8
125 38.8 15.0 22.4

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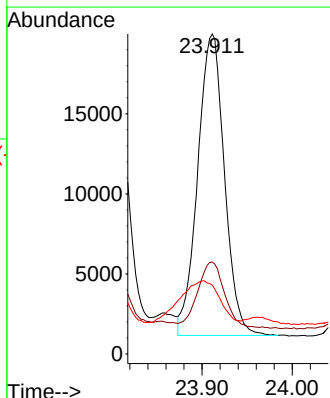
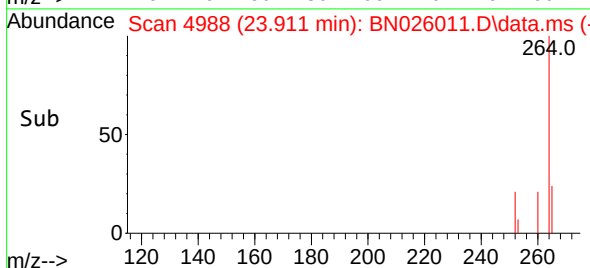
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

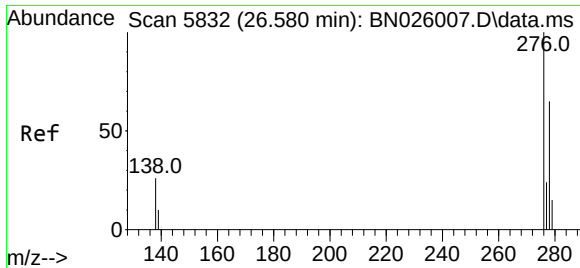


#26
Benzo(a)pyrene
Concen: 0.588 ng/ul
RT: 23.911 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38



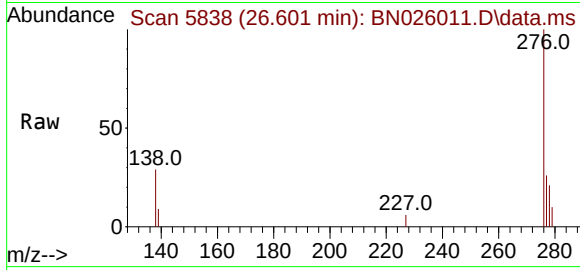
Tgt Ion:252 Resp: 38759
Ion Ratio Lower Upper
252 100
253 28.8 26.0 39.0
125 21.5 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.538 ng/ul
RT: 26.601 min Scan# 5832
Delta R.T. 0.007 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38

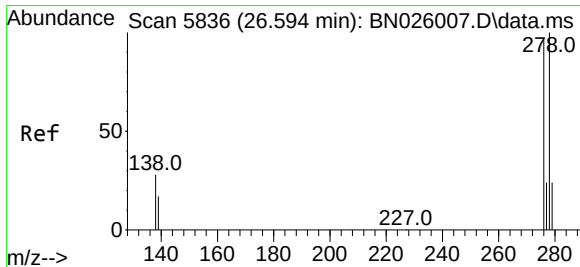
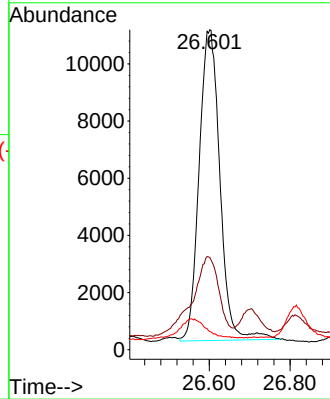
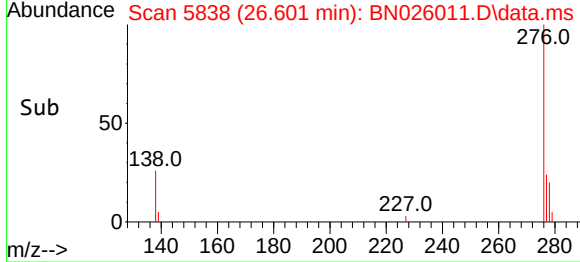
Instrument :
BNA_N
ClientSampleId :
DCFQ1



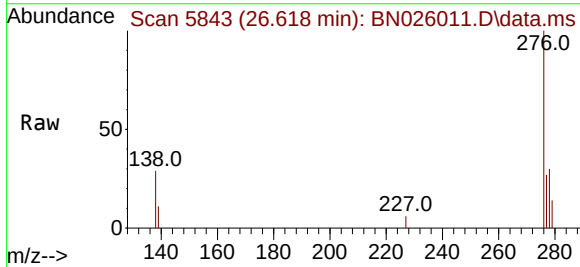
Tgt Ion:276 Resp: 3874
Ion Ratio Lower Upper
276 100
138 33.5 24.5 36.7
227 0.0 0.0 0.0

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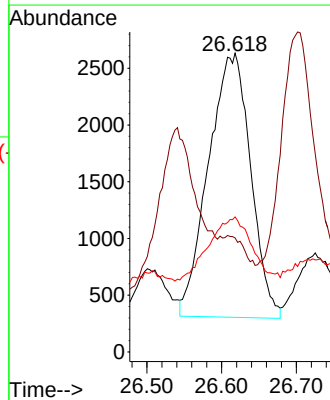
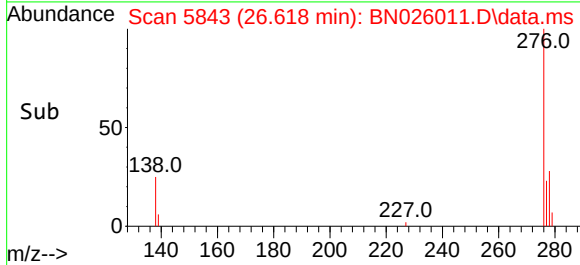
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

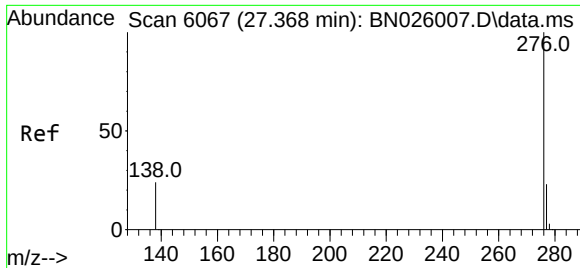


#28
Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul
RT: 26.618 min Scan# 5843
Delta R.T. -0.003 min
Lab File: BN026011.D
Acq: 24 Jun 2023 18:38



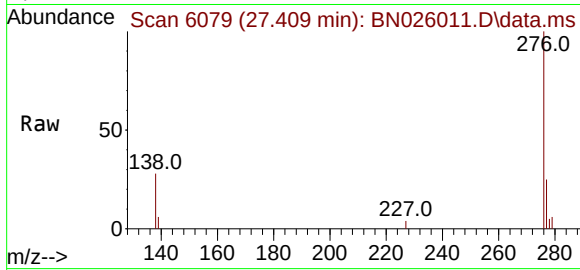
Tgt Ion:278 Resp: 9122
Ion Ratio Lower Upper
278 100
139 38.2 19.0 28.4#
279 45.2 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.591 ng/ul
 RT: 27.409 min Scan# 6067
 Delta R.T. 0.023 min
 Lab File: BN026011.D
 Acq: 24 Jun 2023 18:38

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1



Tgt Ion: 276 Resp: 3785

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.4	35.0
277	25.4	20.0	30.0

Manual Integrations
 APPROVED

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

