

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025948.D
 Acq On : 22 Jun 2023 21:35
 Operator : MA/JU
 Sample : 03083-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:05:06 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	7.980	152	8383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	34524	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	24864	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	19604	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4221	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1393	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3462	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	7703	0.102	ng/ul	96
7) 2-Methylnaphthalene	12.453	142	3880	0.081	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	3103	0.062	ng/ul	99
10) Acenaphthylene	14.340	152	11330	0.152	ng/ul	98
12) Fluorene	15.663	166	1620	0.023	ng/ul#	88
15) Phenanthrene	17.403	178	46335	0.406	ng/ul	100
16) Anthracene	17.495	178	5034	0.050	ng/ul#	92
19) Fluoranthene	19.415	202	100937	0.760	ng/ul	99
20) Pyrene	19.778	202	80338	0.582	ng/ul	98
21) Benzo(a)anthracene	21.530	228	31618	0.308	ng/ul	96
22) Chrysene	21.582	228	50458	0.473	ng/ul	97
24) Benzo(b)fluoranthene	23.257	252	63188m	0.755	ng/ul	
25) Benzo(k)fluoranthene	23.301	252	20279m	0.241	ng/ul	
26) Benzo(a)pyrene	23.903	252	30868	0.425	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.585	276	25703	0.324	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.589	278	6187	0.103	ng/ul#	68
29) Benzo(g,h,i)perylene	27.390	276	26456	0.375	ng/ul	97

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

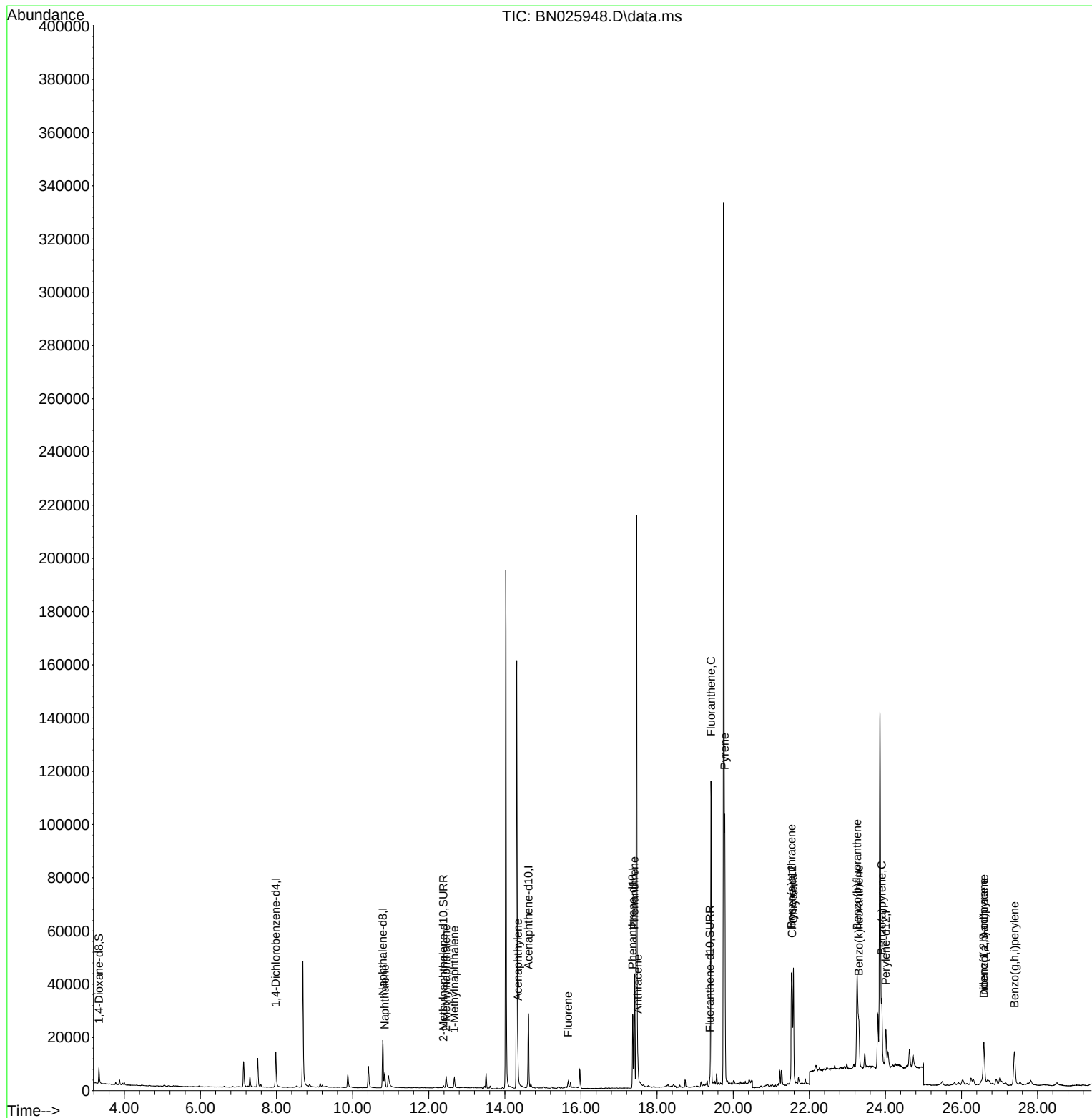
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025948.D
Acq On : 22 Jun 2023 21:35
Operator : MA/JU
Sample : 03083-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

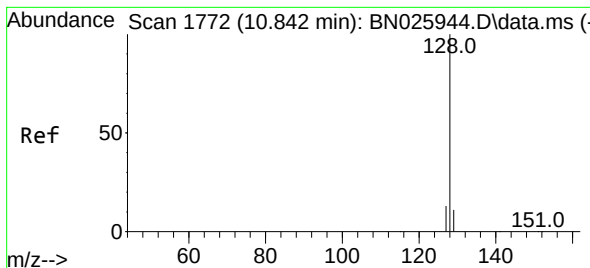
Instrument :
BNA_N
ClientSampleId :
DCFK5DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

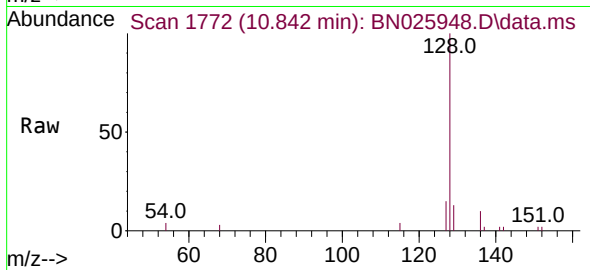
Quant Time: Jun 23 01:05:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

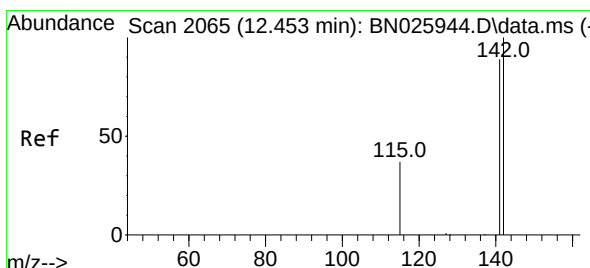
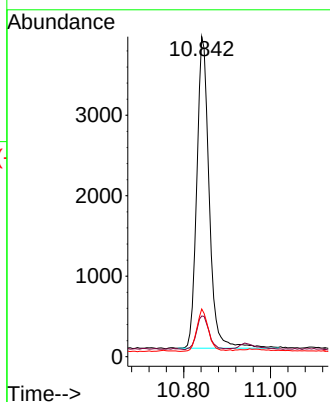
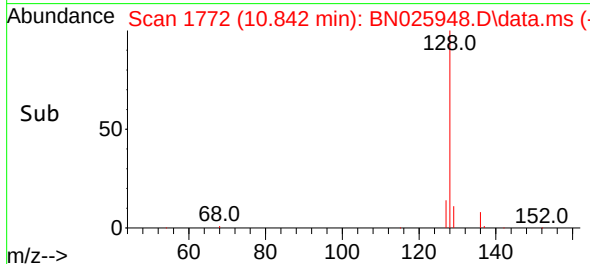
Instrument :
BNA_N
ClientSampleId :
DCFK5DL



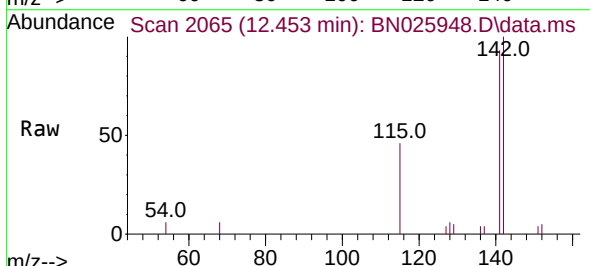
Tgt Ion:128 Resp: 7700
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.9 10.7 16.1

Manual Integrations
APPROVED

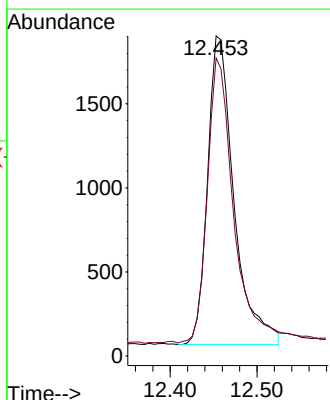
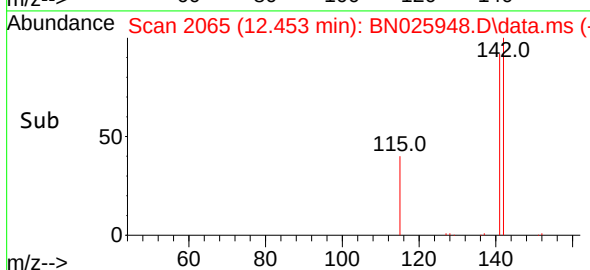
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

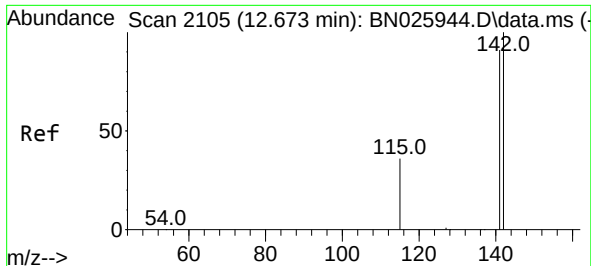


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35



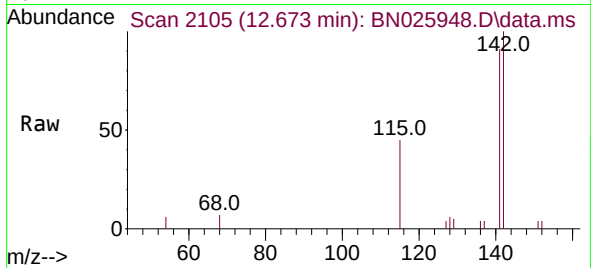
Tgt Ion:142 Resp: 3880
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

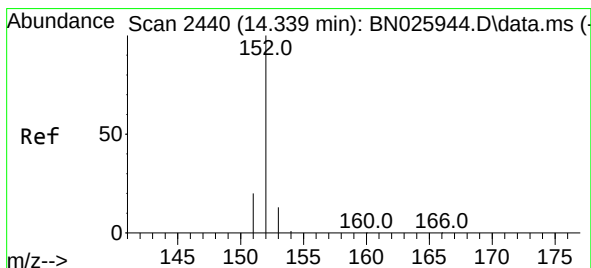
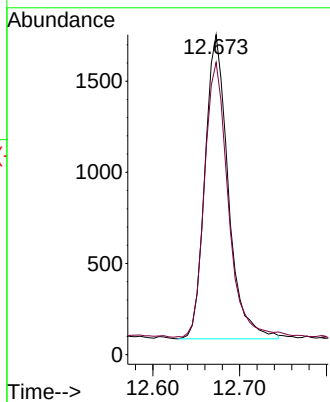
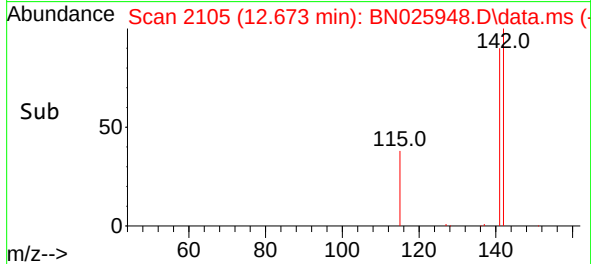
Instrument :
BNA_N
ClientSampleId :
DCFK5DL



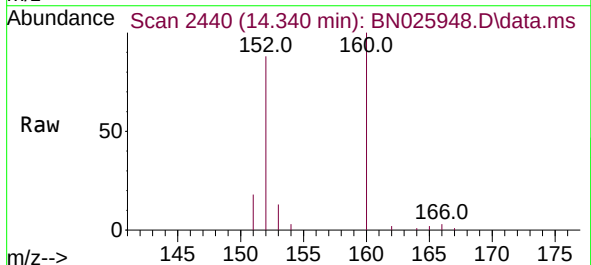
Tgt Ion:142 Resp: 310
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4

Manual Integrations
APPROVED

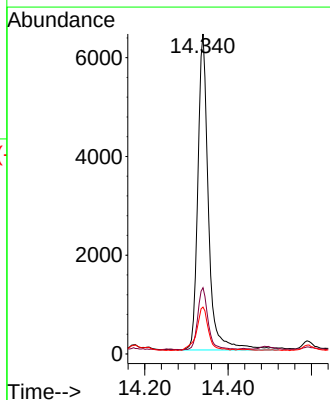
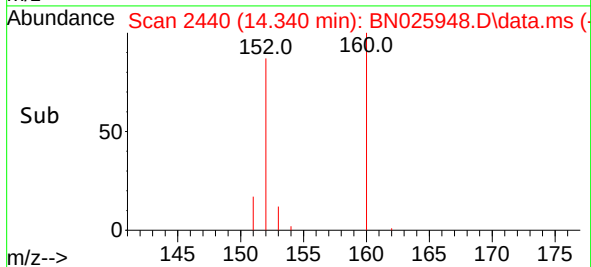
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

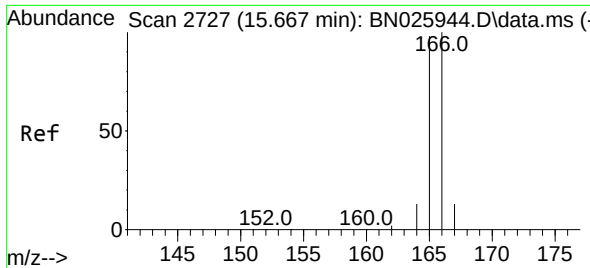


#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35



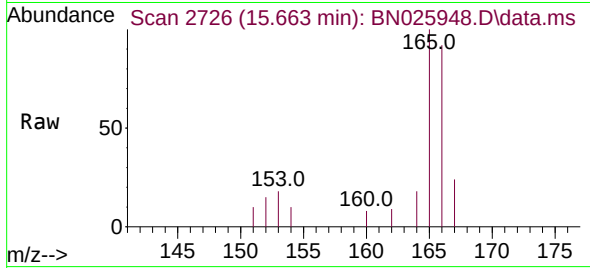
Tgt Ion:152 Resp: 11330
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 10.9 16.3





#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.663 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

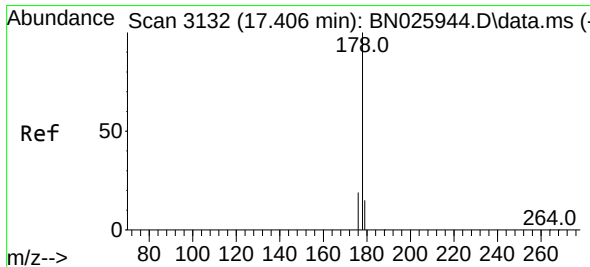
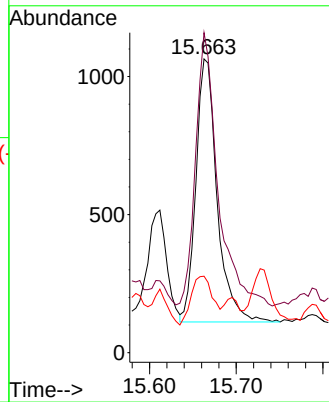
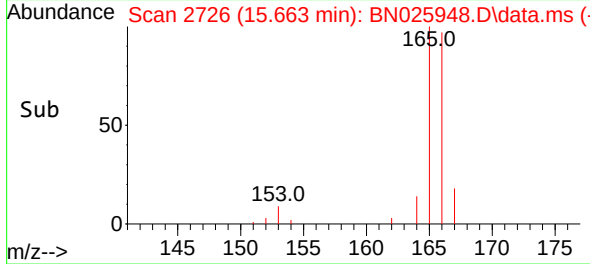
Instrument :
BNA_N
ClientSampleId :
DCFK5DL



Tgt Ion:166 Resp: 1620
Ion Ratio Lower Upper
166 100
165 108.9 79.9 119.9
167 26.0 10.8 16.2

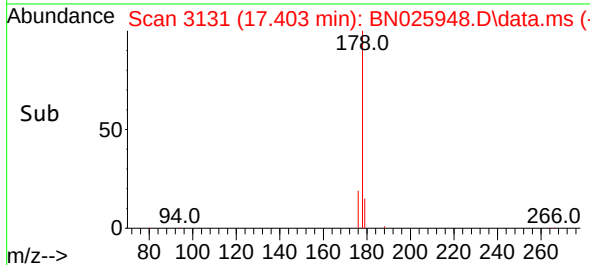
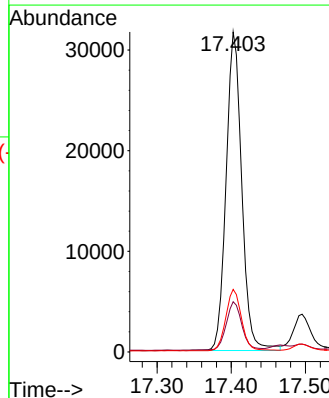
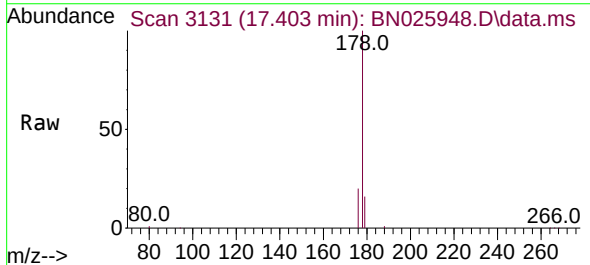
Manual Integrations
APPROVED

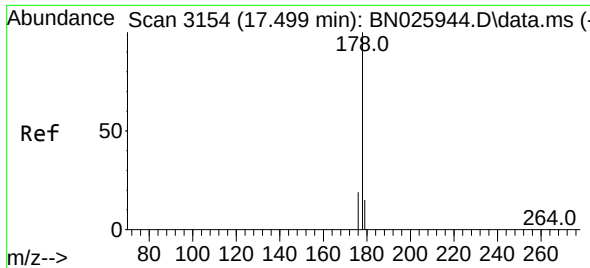
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#15
Phenanthrene
Concen: 0.406 ng/u1
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

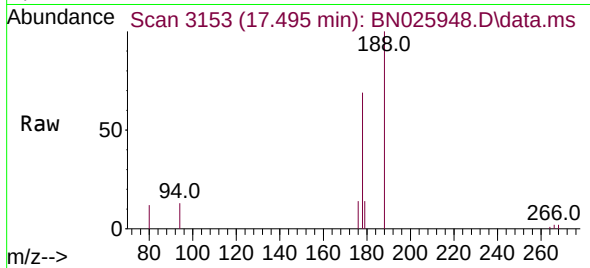
Tgt Ion:178 Resp: 46335
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.050 ng/u1
 RT: 17.495 min Scan# 3154
 Delta R.T. -0.003 min
 Lab File: BN025948.D
 Acq: 22 Jun 2023 21:35

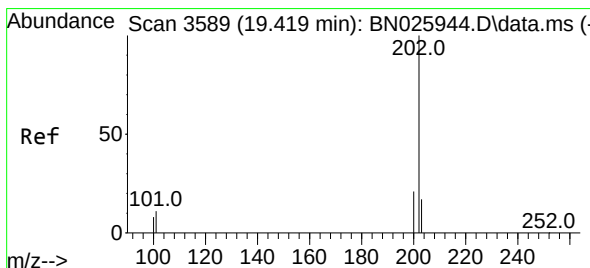
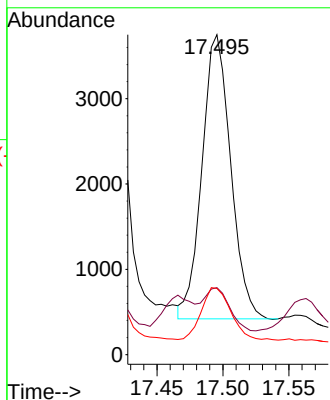
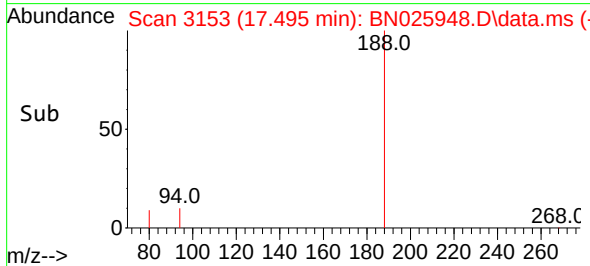
Instrument :
 BNA_N
 ClientSampleId :
 DCFK5DL



Tgt Ion:178 Resp: 5034
 Ion Ratio Lower Upper
 178 100
 179 20.9 12.6 18.8
 176 20.7 15.1 22.7

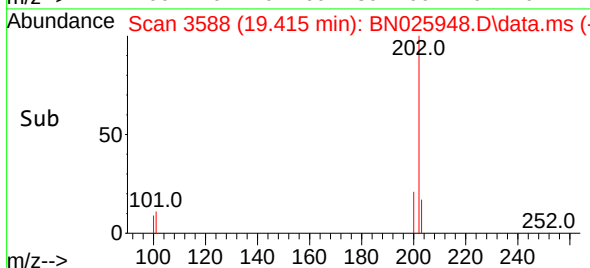
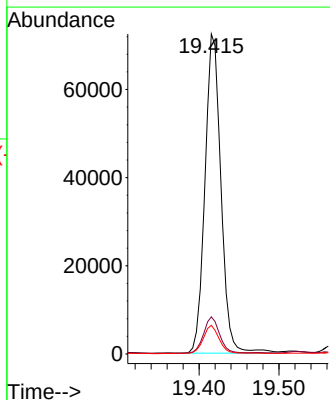
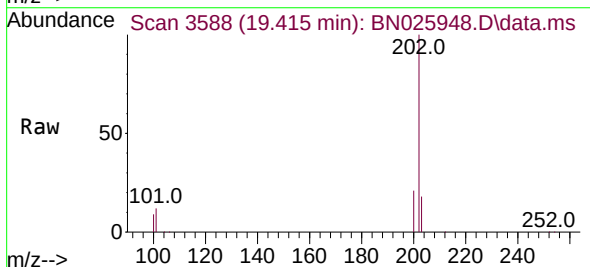
Manual Integrations
 APPROVED

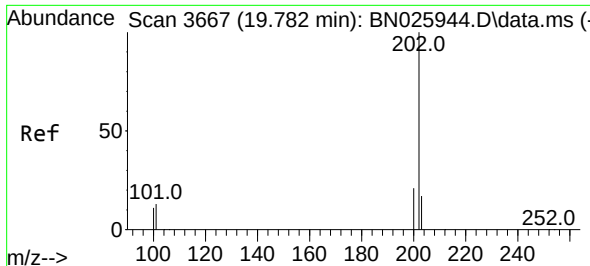
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#19
 Fluoranthene
 Concen: 0.760 ng/u1
 RT: 19.415 min Scan# 3588
 Delta R.T. -0.004 min
 Lab File: BN025948.D
 Acq: 22 Jun 2023 21:35

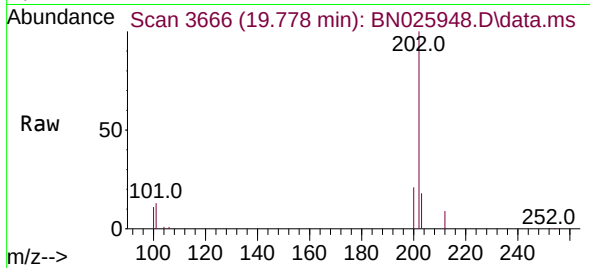
Tgt Ion:202 Resp: 100937
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.5 14.3
 100 8.9 7.3 10.9





#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.778 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

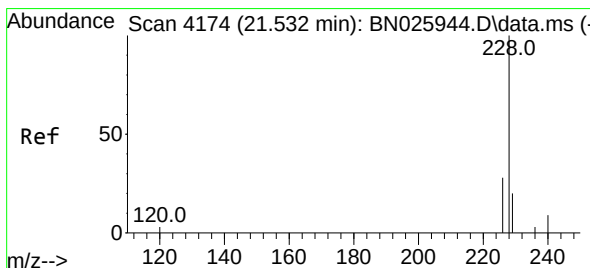
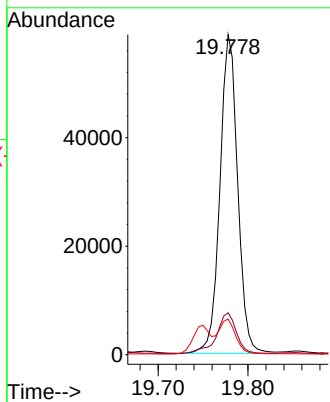
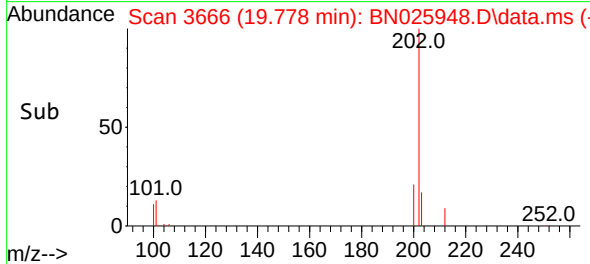
Instrument :
BNA_N
ClientSampleId :
DCFK5DL



Tgt Ion:202 Resp: 80338
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 11.1 9.1 13.7

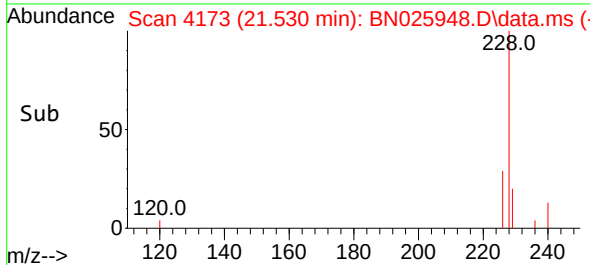
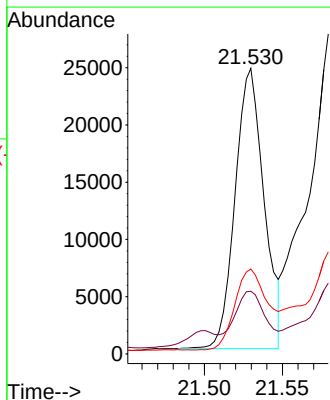
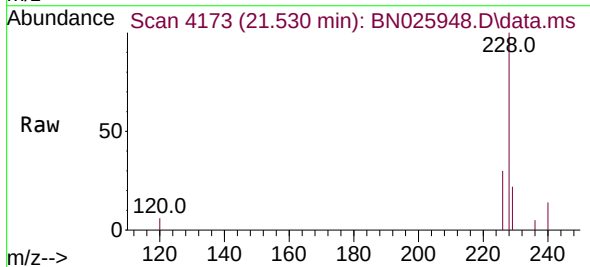
Manual Integrations
APPROVED

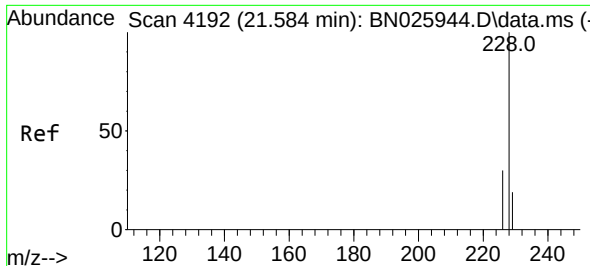
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#21
Benzo(a)anthracene
Concen: 0.308 ng/u1
RT: 21.530 min Scan# 4173
Delta R.T. -0.002 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:228 Resp: 31618
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 29.8 22.5 33.7





#22

Chrysene

Concen: 0.473 ng/ul

RT: 21.582 min Scan# 4191

Delta R.T. -0.002 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL

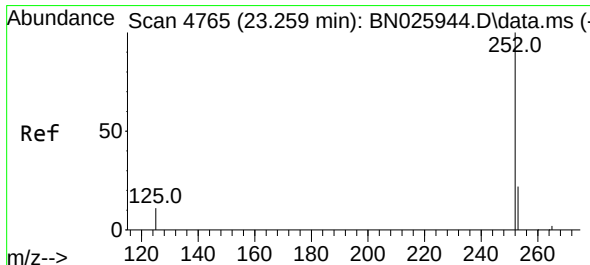
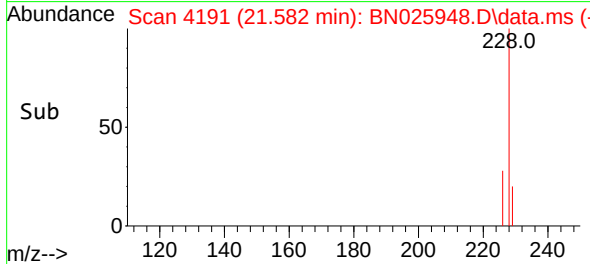
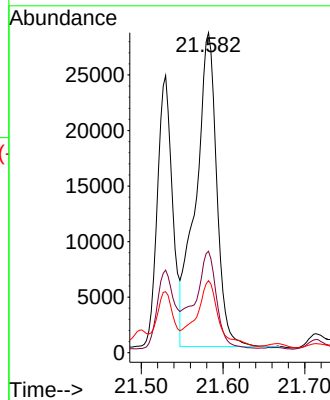
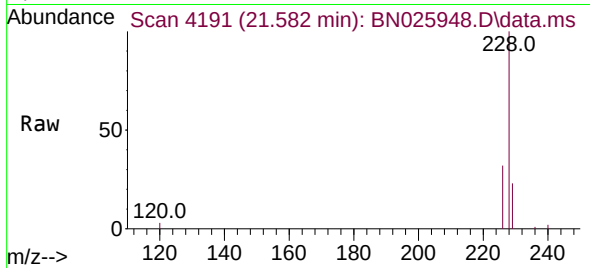
Tgt Ion:228	Resp: 50458
Ion Ratio	Lower Upper
228 100	
226 31.7	24.8 37.2
229 22.5	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#24

Benzo(b)fluoranthene

Concen: 0.755 ng/ul m

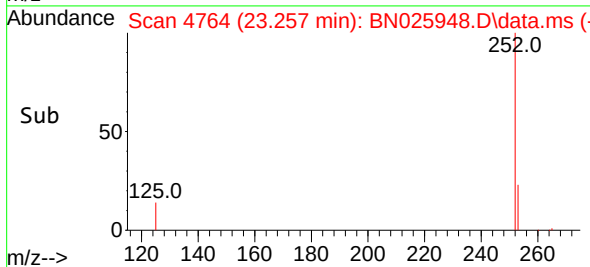
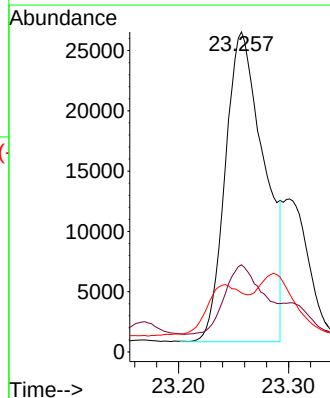
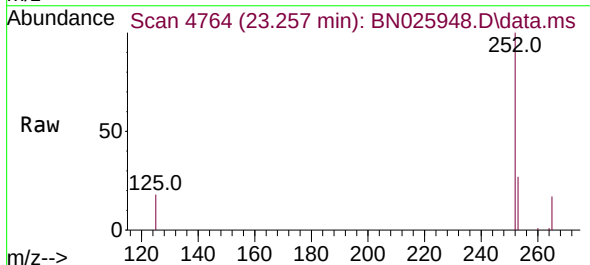
RT: 23.257 min Scan# 4764

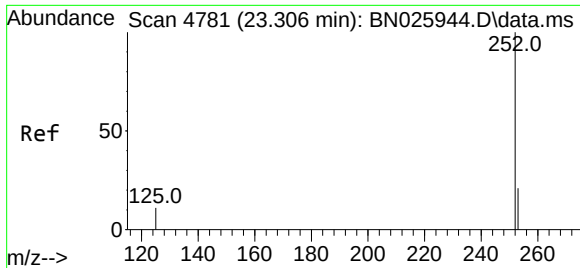
Delta R.T. 0.001 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

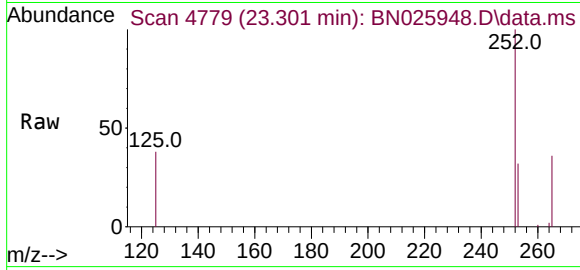
Tgt Ion:252	Resp: 63188
Ion Ratio	Lower Upper
252 100	
253 27.2	0.0 55.6
125 18.5	0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.241 ng/ul m
RT: 23.301 min Scan# 4779
Delta R.T. -0.008 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

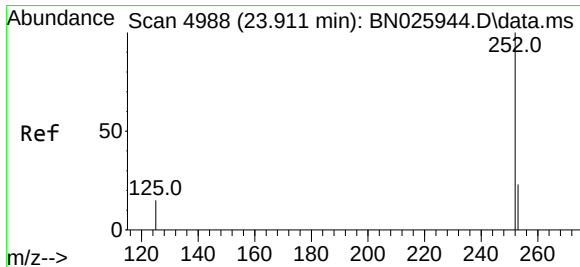
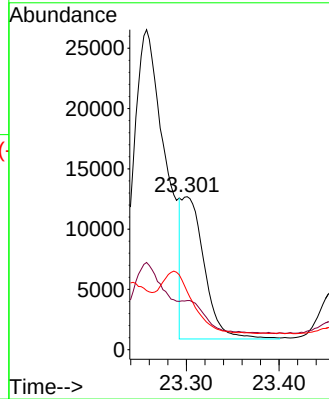
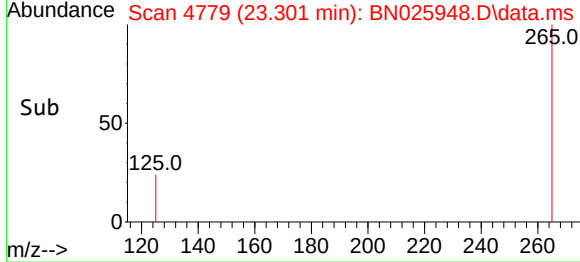
Instrument :
BNA_N
ClientSampleId :
DCFK5DL



Tgt Ion:252 Resp: 20279
Ion Ratio Lower Upper
252 100
253 32.1 23.2 34.8
125 37.9 15.0 22.4

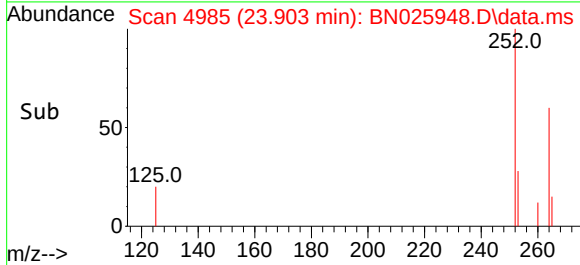
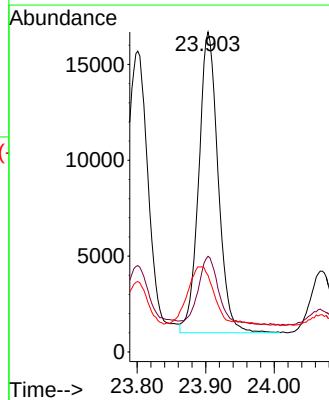
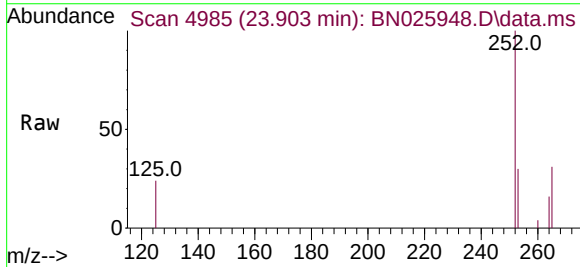
Manual Integrations
APPROVED

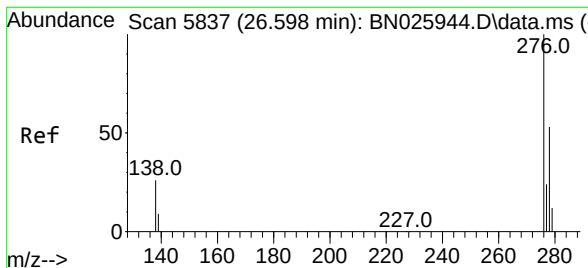
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.903 min Scan# 4985
Delta R.T. -0.005 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:252 Resp: 30868
Ion Ratio Lower Upper
252 100
253 29.9 26.0 39.0
125 23.9 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng/ul

RT: 26.585 min Scan# 5833

Delta R.T. -0.009 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL

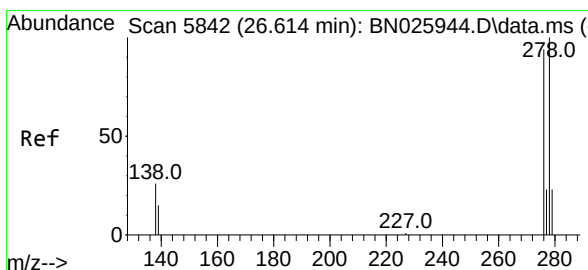
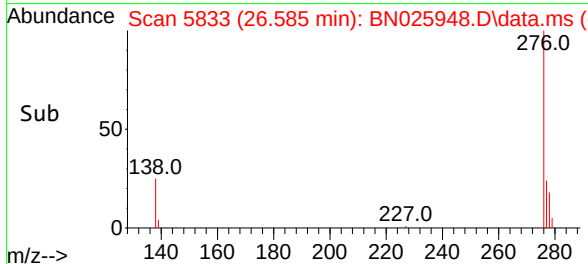
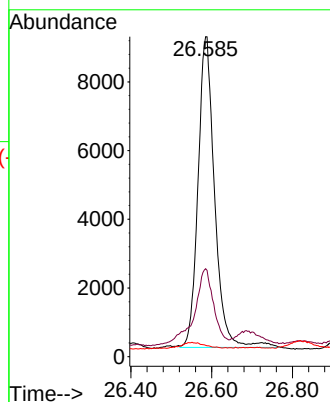
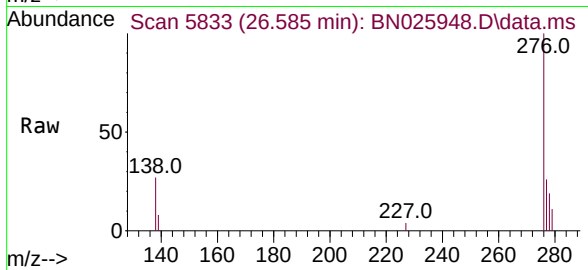
Tgt Ion:	276	Resp:	2570
Ion Ratio	Lower	Upper	
276	100		
138	30.0	24.5	36.7
227	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.103 ng/ul

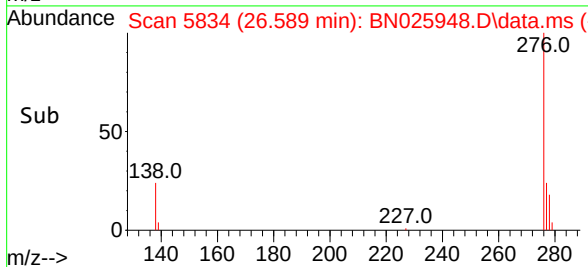
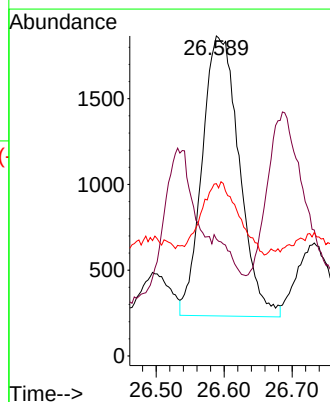
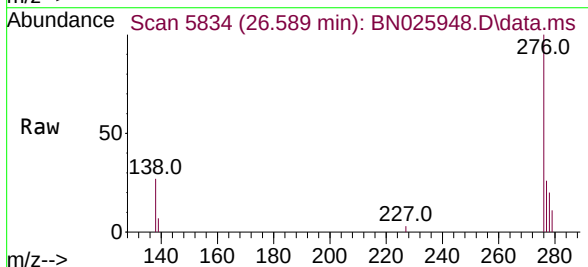
RT: 26.589 min Scan# 5834

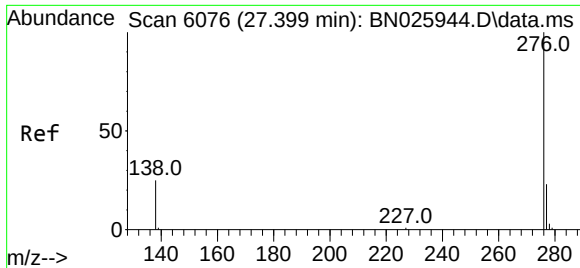
Delta R.T. -0.033 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

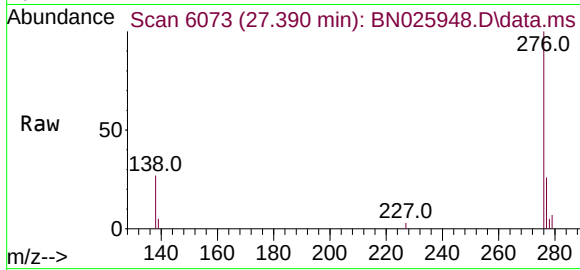
Tgt Ion:	278	Resp:	6187
Ion Ratio	Lower	Upper	
278	100		
139	36.5	19.0	28.4#
279	53.9	26.7	40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.375 ng/ul
 RT: 27.390 min Scan# 6076
 Delta R.T. 0.004 min
 Lab File: BN025948.D
 Acq: 22 Jun 2023 21:35

Instrument :
 BNA_N
 ClientSampleId :
 DCFK5DL



Tgt Ion: 276 Resp: 26450

Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.4	35.0
277	26.2	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

