

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032945.D
 Acq On : 24 Jul 2024 12:59
 Operator : MA/JU
 Sample : P3215-20DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 13:27:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	5961	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	20607	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	11673	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	20852	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	15383	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	18828	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4619	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1543	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	2635	0.053	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	2386	0.043	ng/ul#	90
7) 2-Methylnaphthalene	11.977	142	762	0.022	ng/ul	100
10) Acenaphthylene	13.892	152	4482	0.095	ng/ul	94
11) Acenaphthene	14.239	153	2326	0.060	ng/ul	100
12) Fluorene	15.234	166	3527	0.079	ng/ul#	99
15) Phenanthrene	16.978	178	87605	1.543	ng/ul	99
16) Anthracene	17.071	178	14581	0.314	ng/ul	97
19) Fluoranthene	19.008	202	142617	2.280	ng/ul	99
20) Pyrene	19.375	202	94208	1.455	ng/ul	99
21) Benzo(a)anthracene	21.141	228	54324	1.109	ng/ul	98
22) Chrysene	21.194	228	60390	0.853	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	78606m	1.183	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	27819m	0.344	ng/ul	
26) Benzo(a)pyrene	23.254	252	29804	0.518	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.562	276	29494	0.379	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.559	278	9547	0.158	ng/ul#	57
29) Benzo(g,h,i)perylene	26.250	276	4121	0.063	ng/ul#	29

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

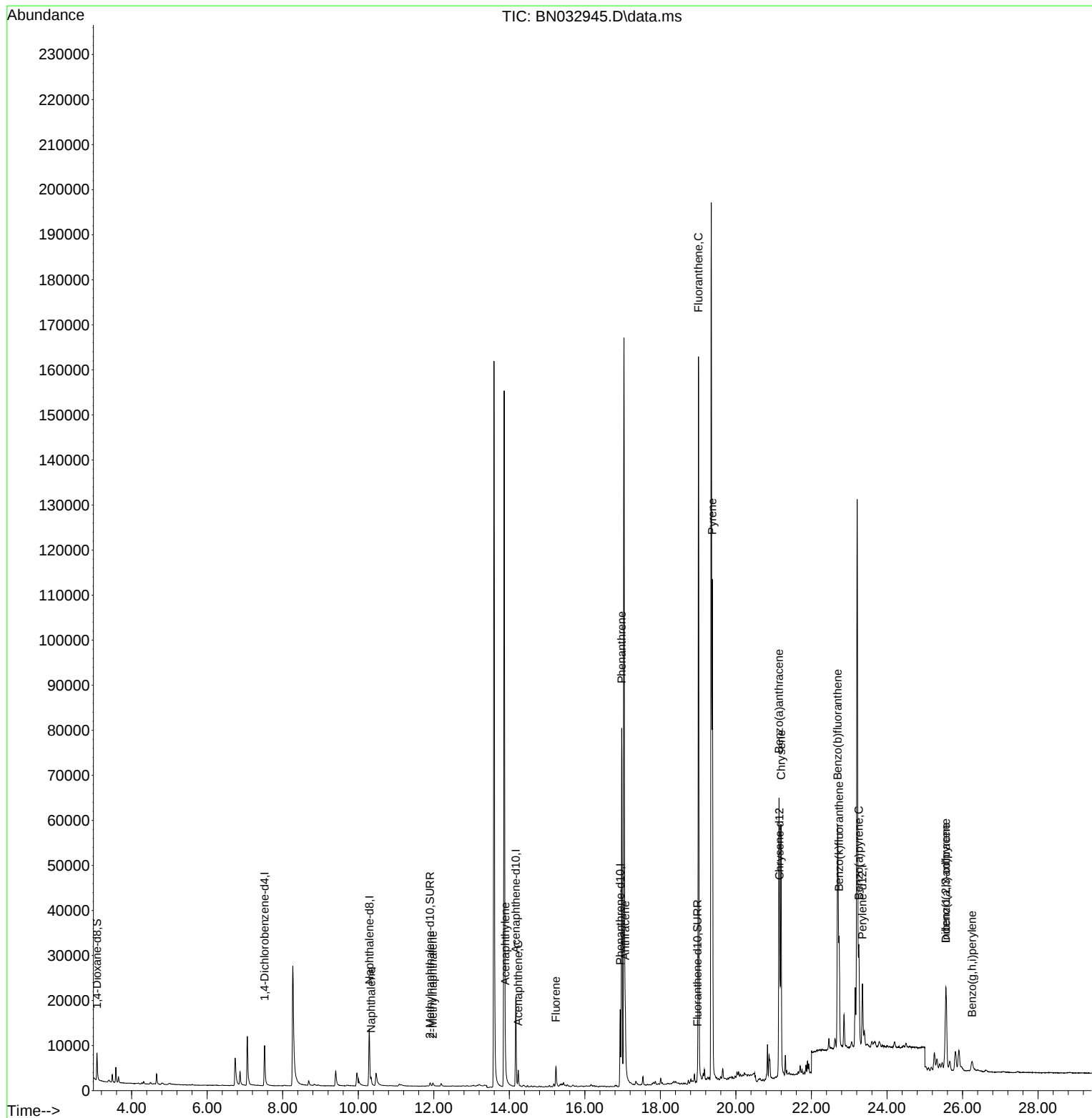
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032945.D
Acq On : 24 Jul 2024 12:59
Operator : MA/JU
Sample : P3215-20DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

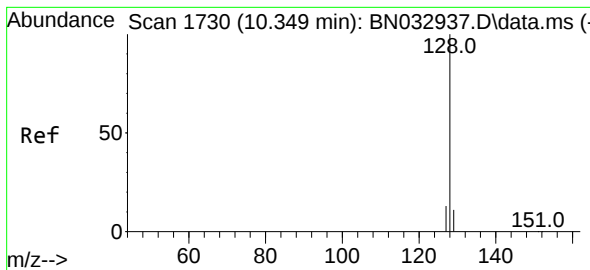
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

Quant Time: Jul 24 13:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

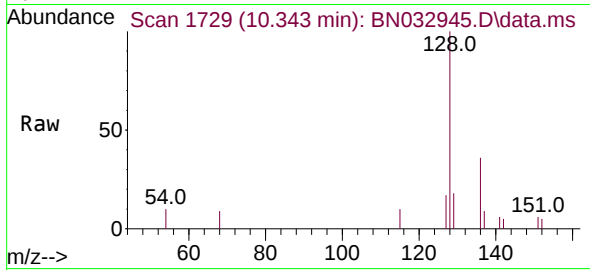
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

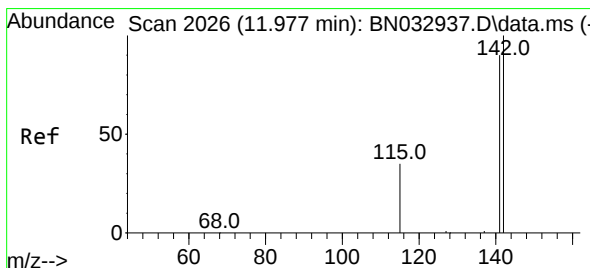
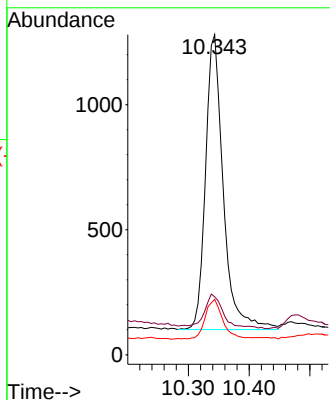
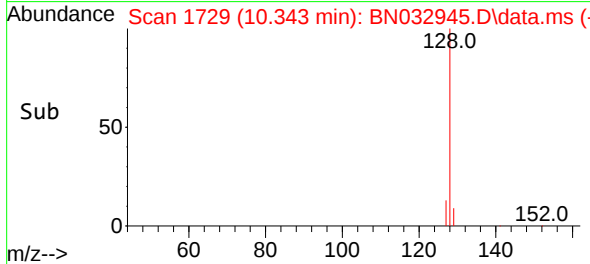
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:128 Resp: 2380
Ion Ratio Lower Upper
128 100
129 18.1 10.0 15.0
127 17.3 11.6 17.4

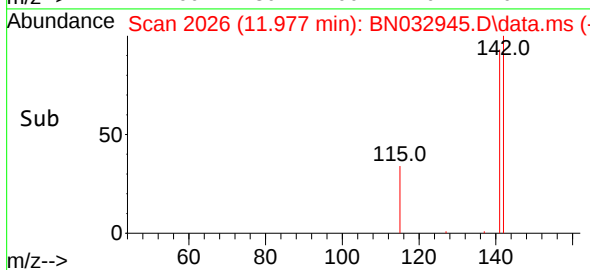
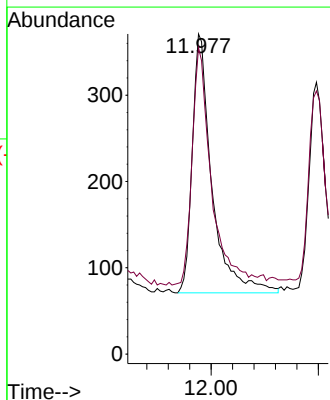
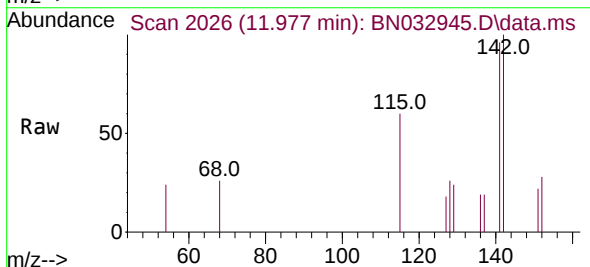
Manual Integrations
APPROVED

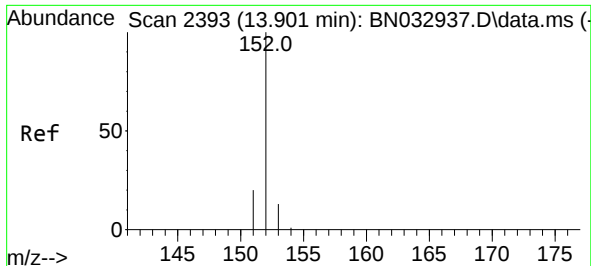
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.021 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

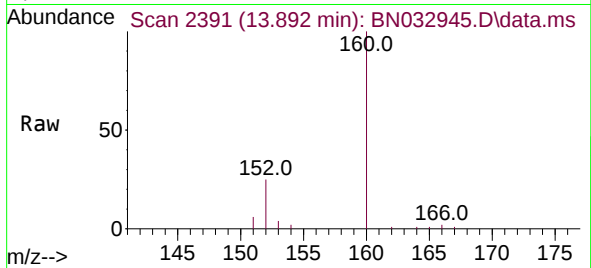
Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0





#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.892 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

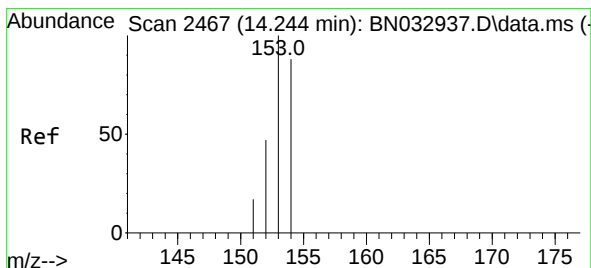
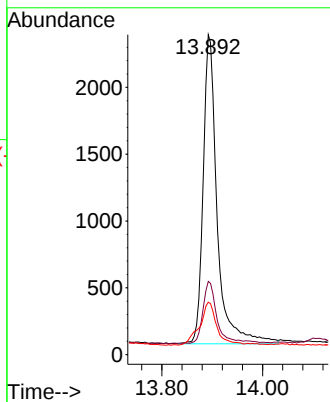
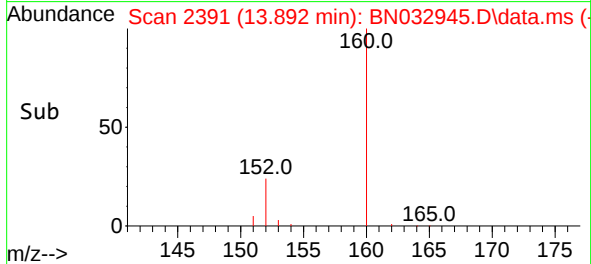
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:152 Resp: 448
Ion Ratio Lower Upper
152 100
151 22.9 16.3 24.5
153 16.4 11.3 16.9

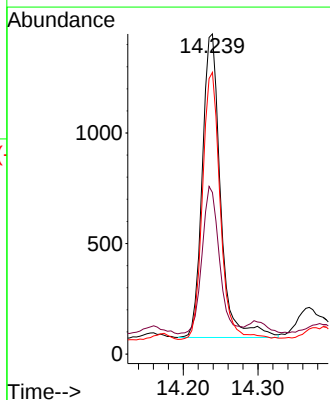
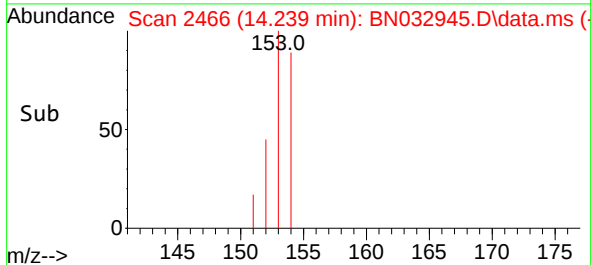
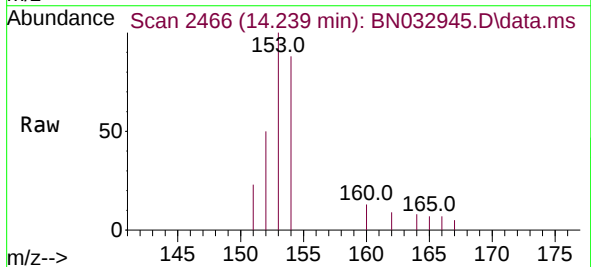
Manual Integrations
APPROVED

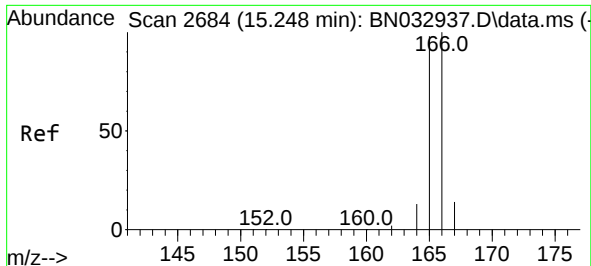
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

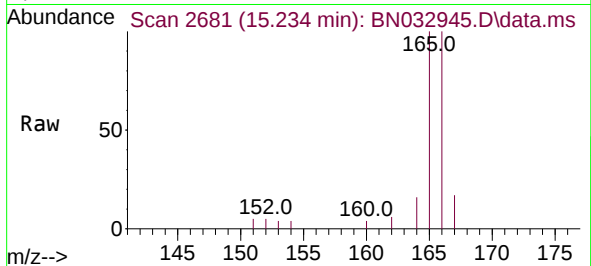
Tgt Ion:153 Resp: 2326
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 88.0 70.2 105.4





#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

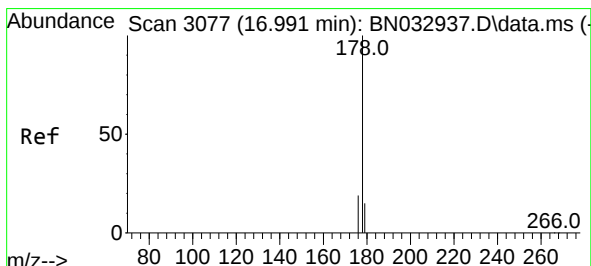
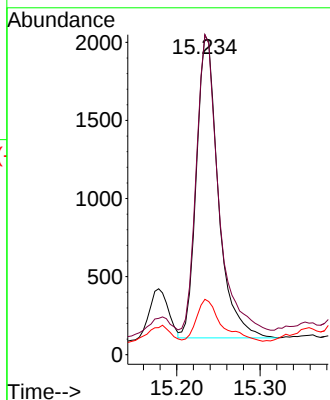
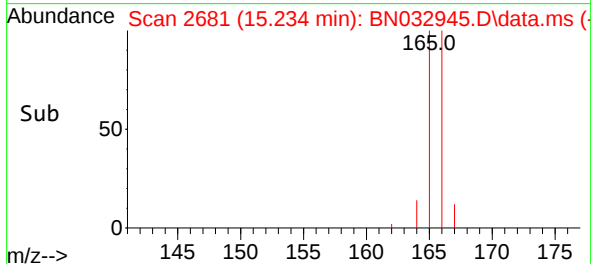
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:166 Resp: 352
Ion Ratio Lower Upper
166 100
165 100.1 79.7 119.5
167 17.3 11.4 17.2

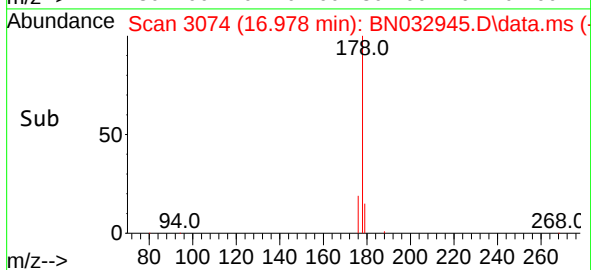
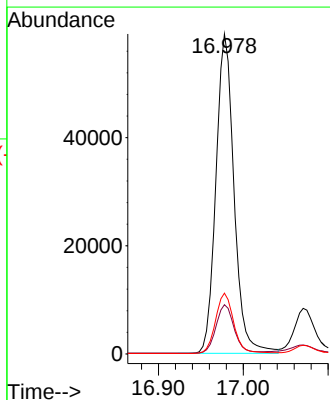
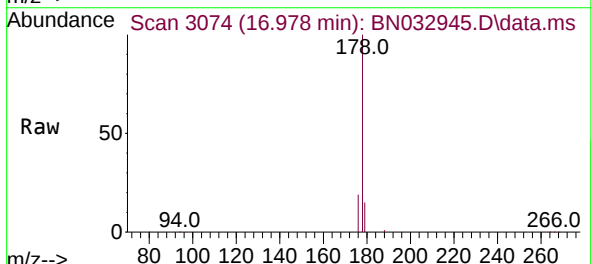
Manual Integrations
APPROVED

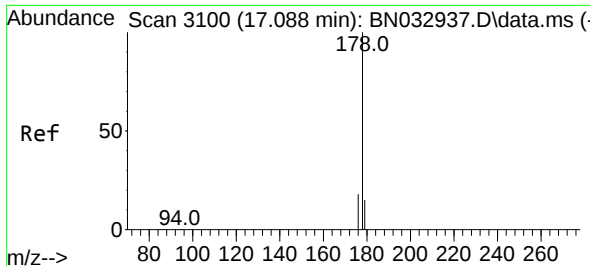
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 1.543 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

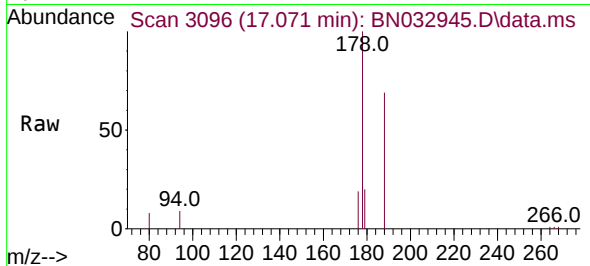
Tgt Ion:178 Resp: 87605
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 0.314 ng/ul
 RT: 17.071 min Scan# 3096
 Delta R.T. -0.028 min
 Lab File: BN032945.D
 Acq: 24 Jul 2024 12:59

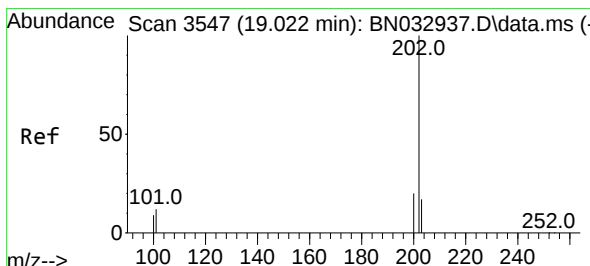
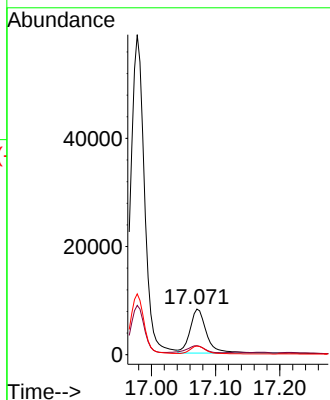
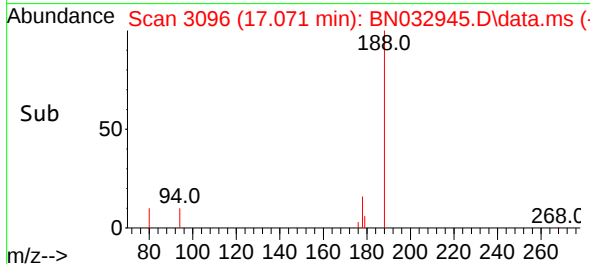
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5DL



Tgt Ion:178 Resp: 1458
 Ion Ratio Lower Upper
 178 100
 179 19.6 13.4 20.2
 176 18.8 15.4 23.0

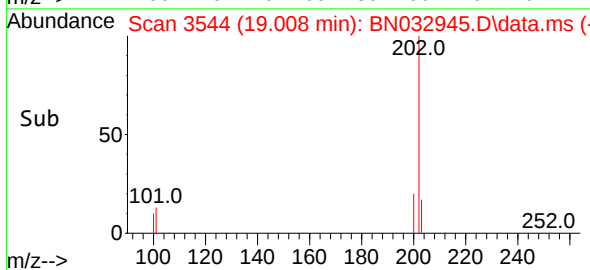
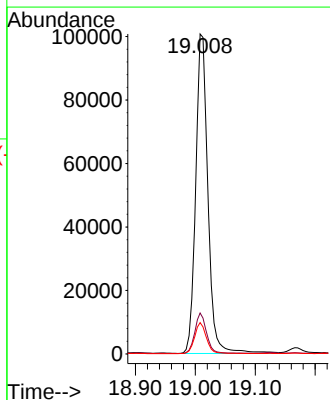
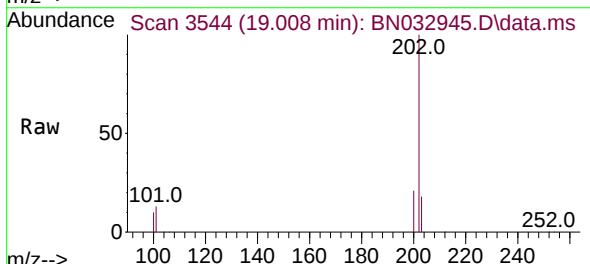
Manual Integrations
 APPROVED

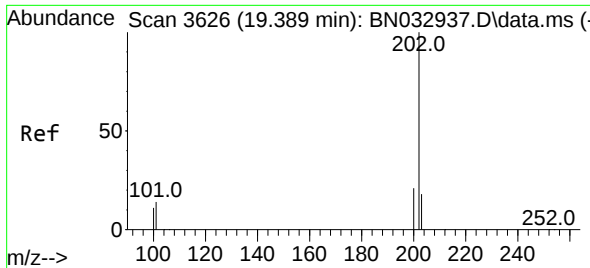
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 2.280 ng/ul
 RT: 19.008 min Scan# 3544
 Delta R.T. -0.017 min
 Lab File: BN032945.D
 Acq: 24 Jul 2024 12:59

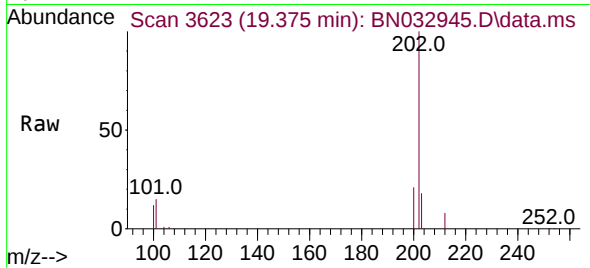
Tgt Ion:202 Resp: 142617
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.8 14.8
 100 9.8 7.9 11.9





#20
Pyrene
Concen: 1.455 ng/ul
RT: 19.375 min Scan# 30
Delta R.T. -0.017 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

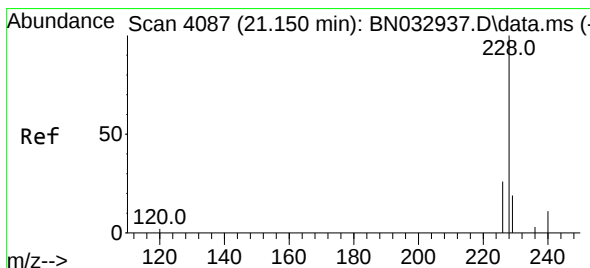
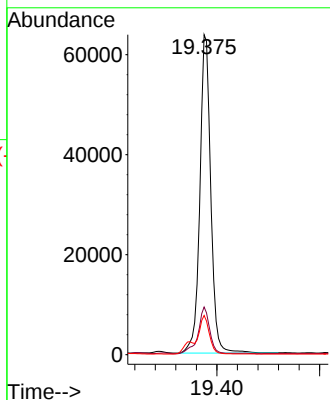
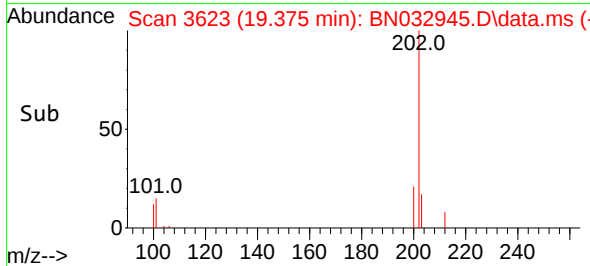
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:202 Resp: 94208
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.2 9.6 14.4

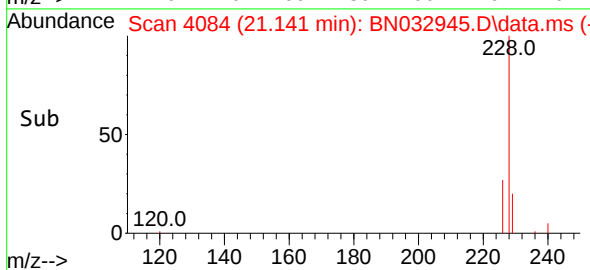
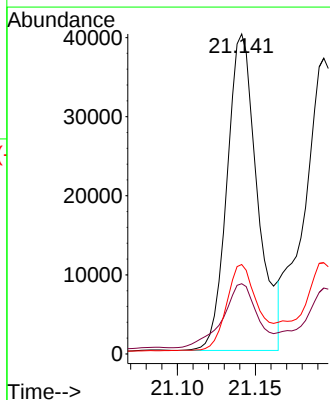
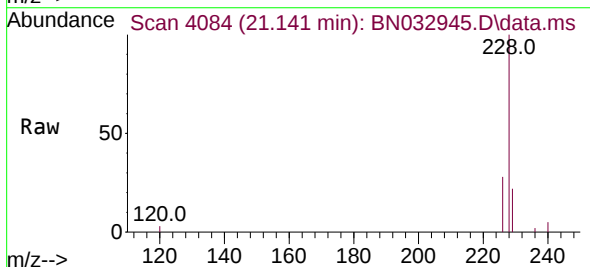
Manual Integrations
APPROVED

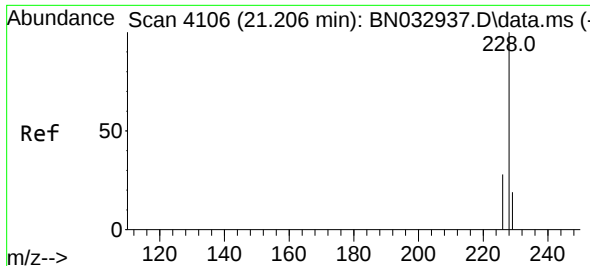
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 1.109 ng/ul
RT: 21.141 min Scan# 4084
Delta R.T. -0.009 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

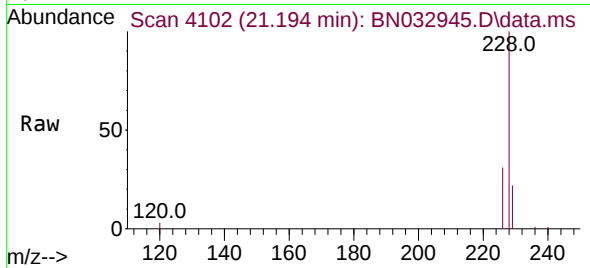
Tgt Ion:228 Resp: 54324
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 27.9 21.9 32.9





#22
Chrysene
Concen: 0.853 ng/ul
RT: 21.194 min Scan# 4106
Delta R.T. -0.009 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

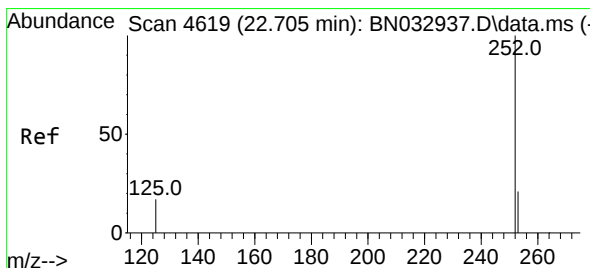
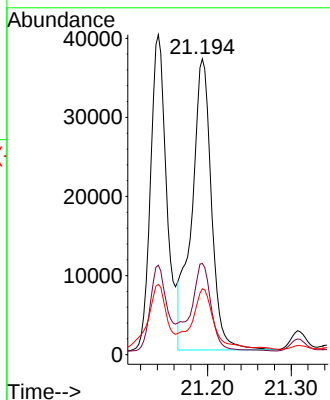
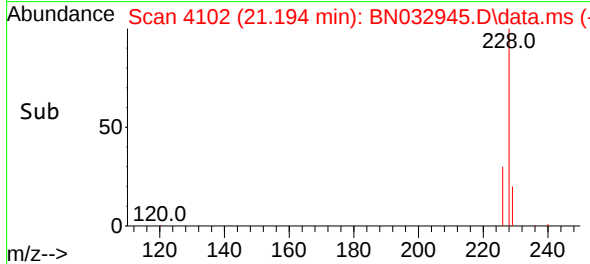
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:228 Resp: 60390
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.3 15.8 23.6

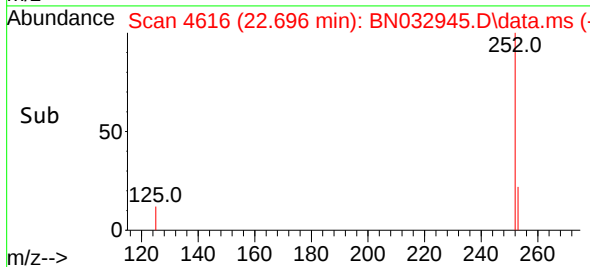
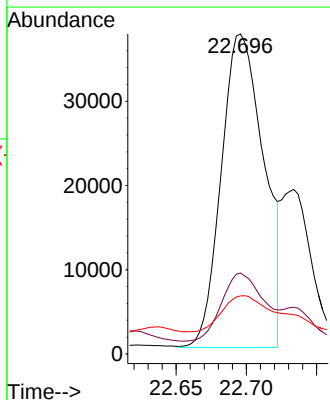
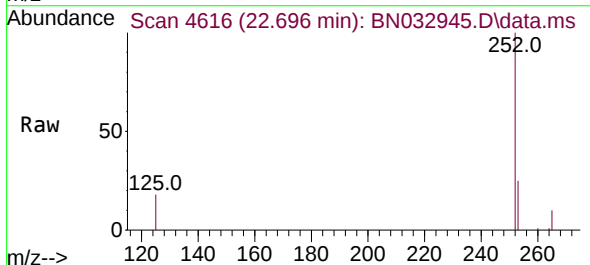
Manual Integrations
APPROVED

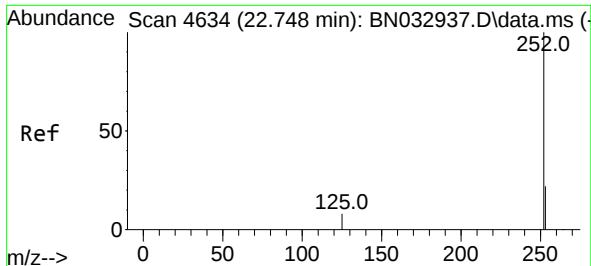
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 1.183 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

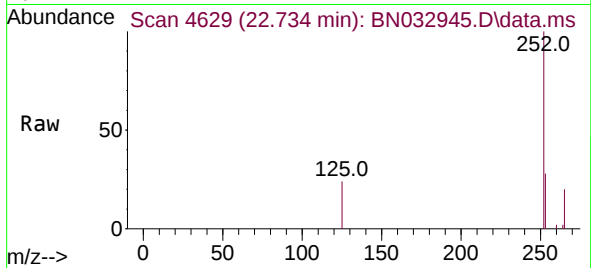
Tgt Ion:252 Resp: 78606
Ion Ratio Lower Upper
252 100
253 25.3 0.0 54.0
125 18.1 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

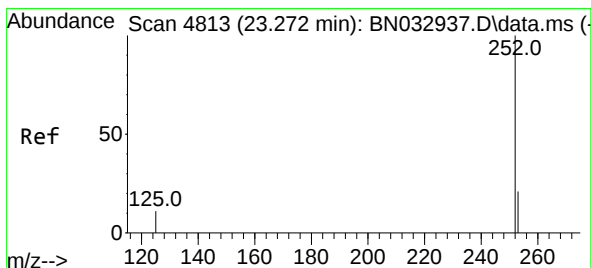
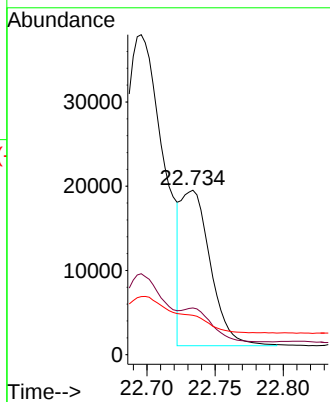
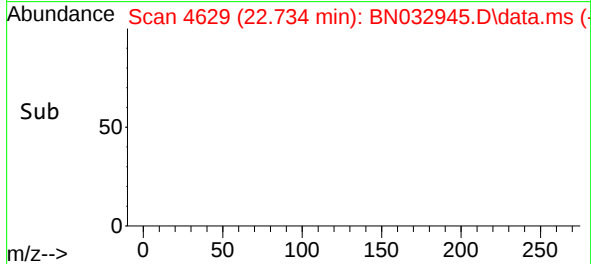
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:252 Resp: 27819
Ion Ratio Lower Upper
252 100
253 28.5 21.2 31.8
125 24.0 14.8 22.2

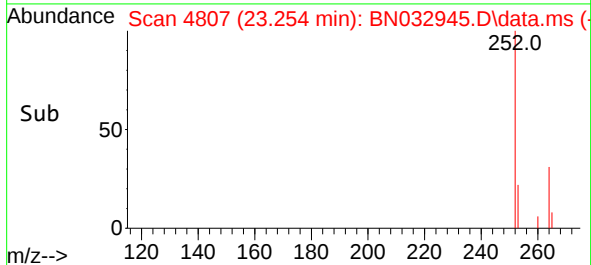
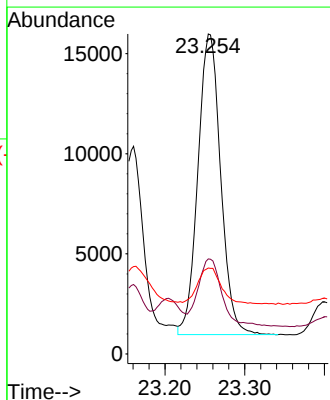
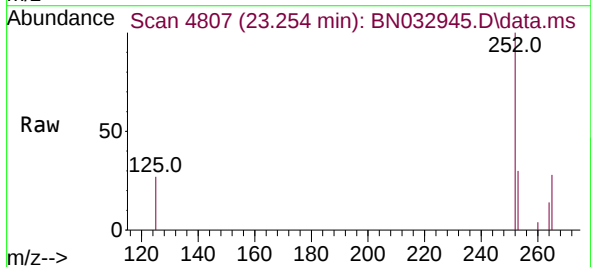
Manual Integrations
APPROVED

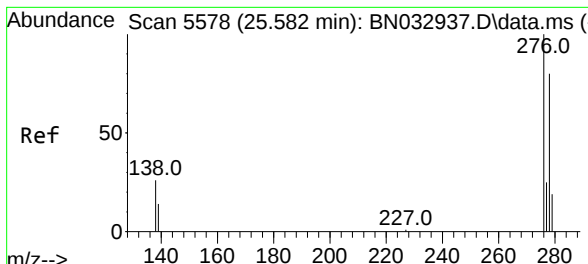
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.518 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

Tgt Ion:252 Resp: 29804
Ion Ratio Lower Upper
252 100
253 29.7 25.4 38.0
125 26.9 20.6 30.8





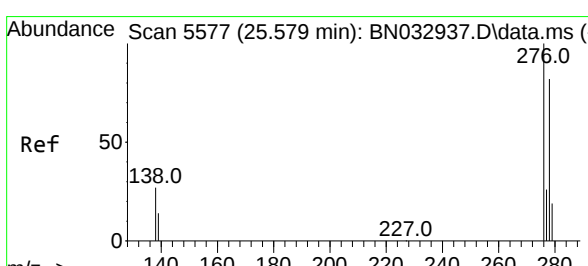
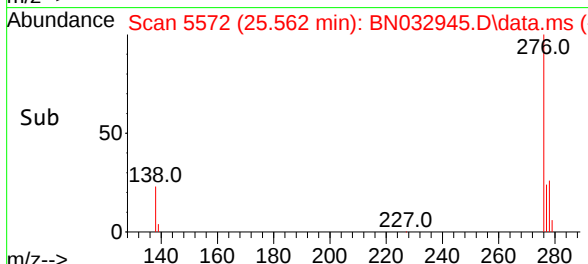
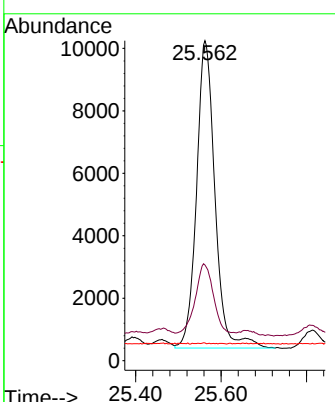
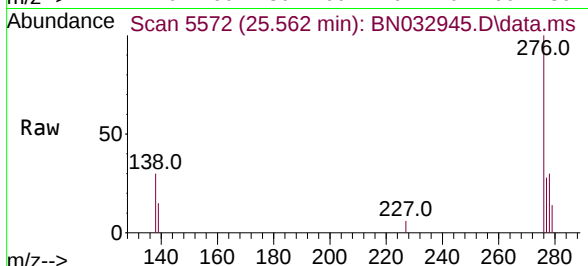
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.379 ng/ul
 RT: 25.562 min Scan# 5572
 Delta R.T. -0.007 min
 Lab File: BN032945.D
 Acq: 24 Jul 2024 12:59

Instrument : BNA_N
 ClientSampleId : A4CJ5DL

Tgt Ion: 276 Resp: 29494

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.6	32.4
227	0.0	0.0	0.0

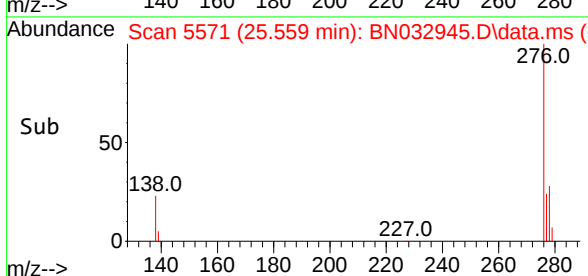
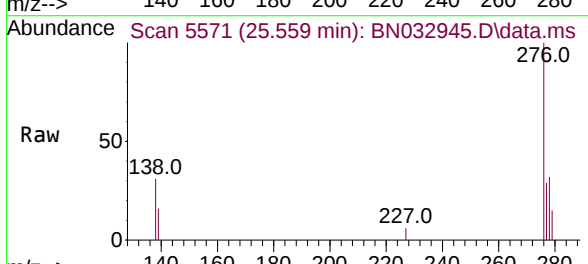
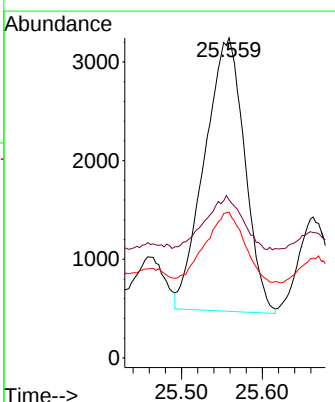
Manual Integrations
APPROVED
 Reviewed By : Yogesh Patel 07/25/2024
 Supervised By : mohammad ahmed 07/26/2024

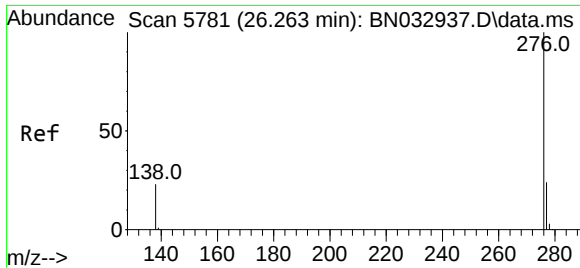


#28
 Dibenzo(a,h)anthracene
 Concen: 0.158 ng/ul
 RT: 25.559 min Scan# 5571
 Delta R.T. -0.010 min
 Lab File: BN032945.D
 Acq: 24 Jul 2024 12:59

Tgt Ion: 278 Resp: 9547

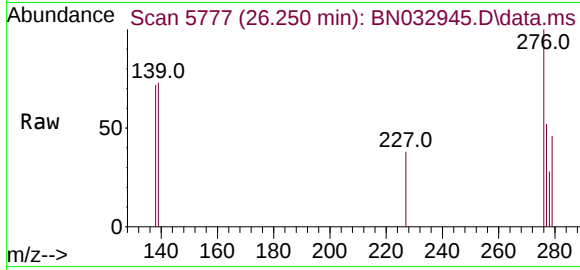
Ion	Ratio	Lower	Upper
278	100		
139	49.3	16.6	24.8#
279	45.5	23.7	35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.250 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN032945.D
Acq: 24 Jul 2024 12:59

Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion: 276 Resp: 412

Ion	Ratio	Lower	Upper
276	100		
138	72.4	21.0	31.4
277	52.0	20.6	31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

