

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032494.D
 Acq On : 05 Jul 2024 03:46
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 04:11:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	10110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	30721	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.244	164	25865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	29414m	0.400	ng/ul	0.00
17) Chrysene-d12	21.223	240	23132m	0.400	ng/ul	0.01
23) Perylene-d12	23.439	264	57915m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	20882	1.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7118	0.155	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	18157m	0.261	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.415	128	2120319	26.080	ng/ul	99
7) 2-Methylnaphthalene	12.037	142	1250274	23.203	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	878072	15.712	ng/ul	100
10) Acenaphthylene	13.962	152	110810	1.030	ng/ul#	69
11) Acenaphthene	14.309	153	3129768	37.487	ng/ul	99
12) Fluorene	15.303	166	2862113	28.770	ng/ul	98
15) Phenanthrene	17.071	178	14711168m	182.427	ng/ul	
16) Anthracene	17.147	178	4671563m	64.947	ng/ul	
19) Fluoranthene	19.097	202	11706727m	132.903	ng/ul	
20) Pyrene	19.459	202	11982021m	130.166	ng/ul	
21) Benzo(a)anthracene	21.206	228	7222424m	86.506	ng/ul	
22) Chrysene	21.264	228	7653001m	83.514	ng/ul	
24) Benzo(b)fluoranthene	22.787	252	8471442m	33.668	ng/ul	
25) Benzo(k)fluoranthene	22.822	252	4099119m	16.767	ng/ul	
26) Benzo(a)pyrene	23.351	252	4798970m	27.412	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.700	276	3687676m	13.453	ng/ul	
28) Dibenzo(a,h)anthracene	25.697	278	1553607m	7.628	ng/ul	
29) Benzo(g,h,i)perylene	26.371	276	614145m	2.813	ng/ul	

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

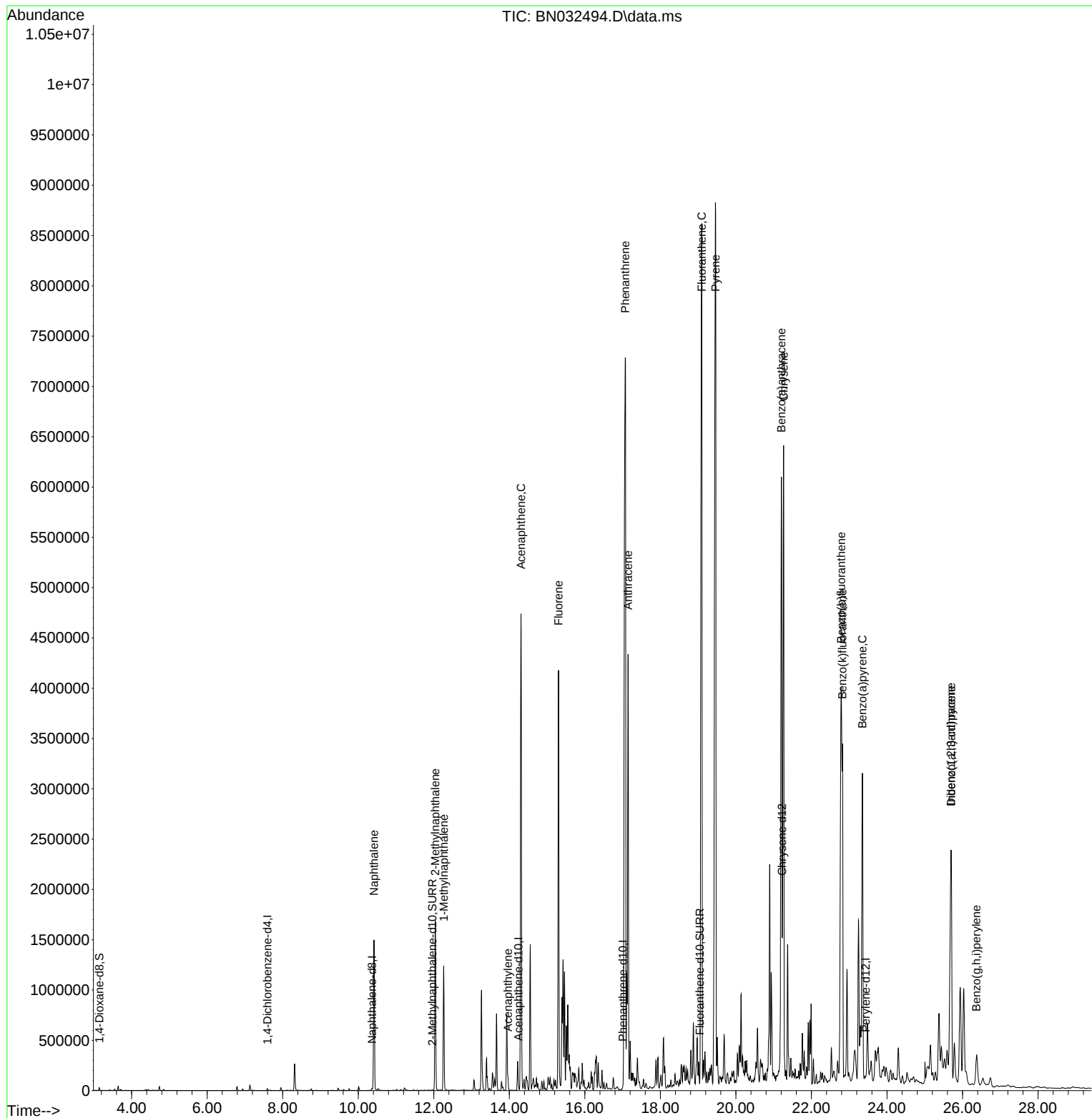
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032494.D
Acq On : 05 Jul 2024 03:46
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

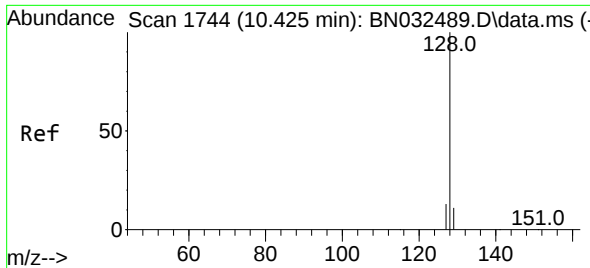
Instrument :
BNA_N
ClientSampleId :
A4CS2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

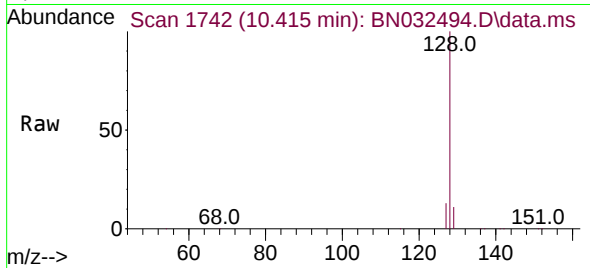
Quant Time: Jul 05 04:11:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 26.080 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.016 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

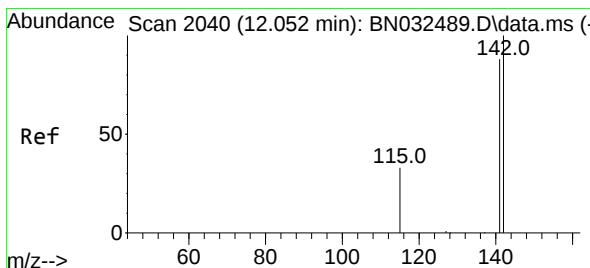
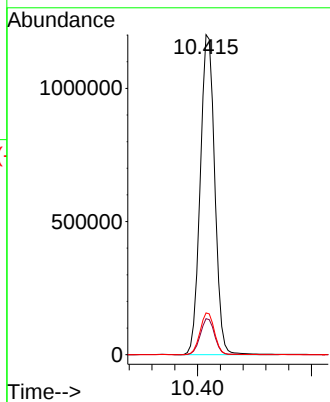
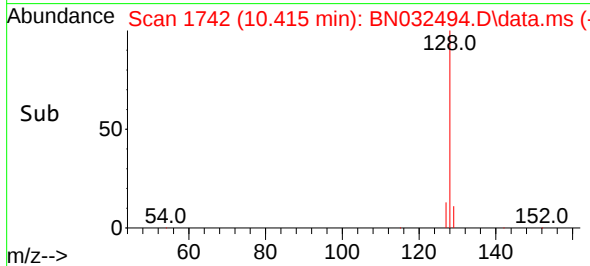
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:128 Resp: 2120319
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.8 16.2

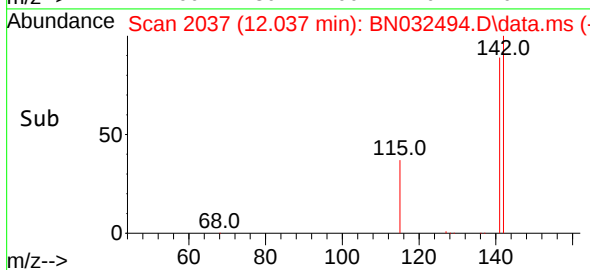
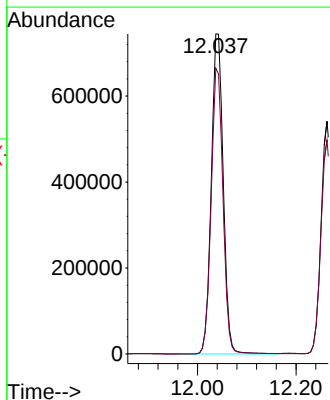
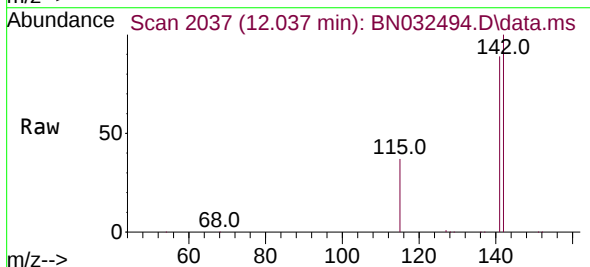
Manual Integrations
APPROVED

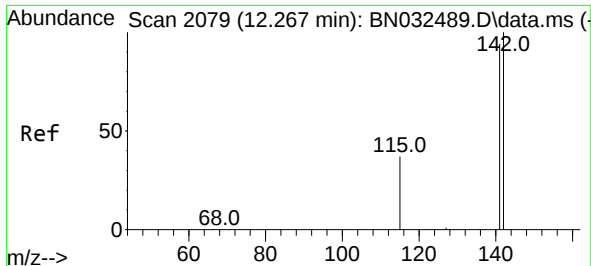
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 23.203 ng/ul
RT: 12.037 min Scan# 2037
Delta R.T. -0.016 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

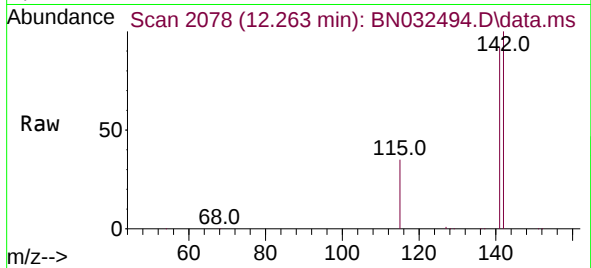
Tgt Ion:142 Resp: 1250274
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 15.712 ng/ul
RT: 12.263 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

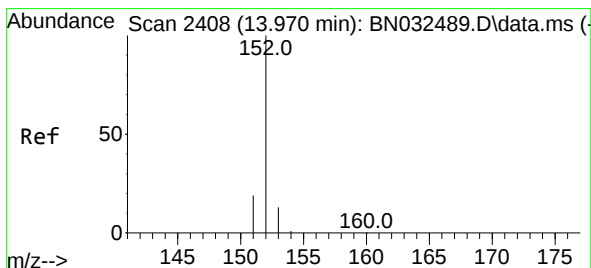
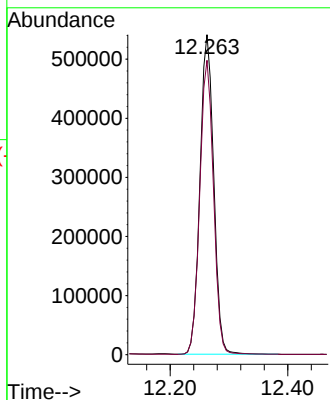
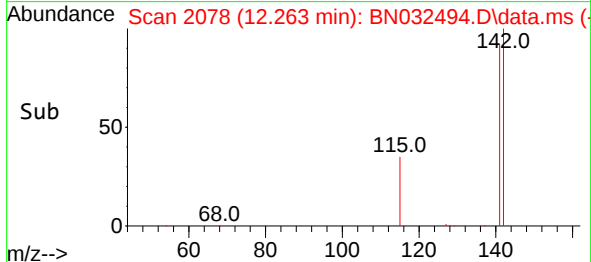
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:142 Resp: 878072
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

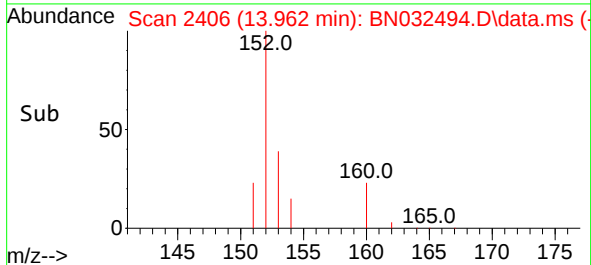
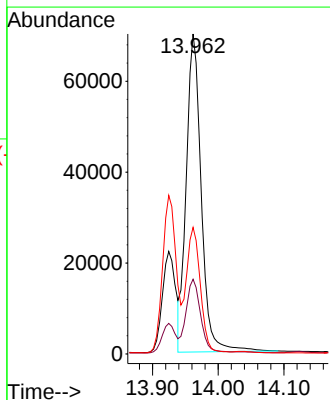
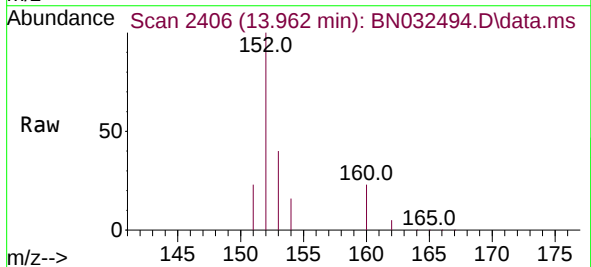
Manual Integrations
APPROVED

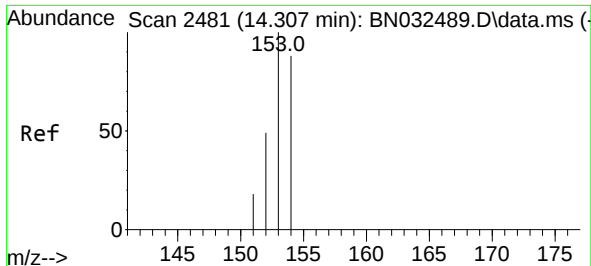
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 1.030 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

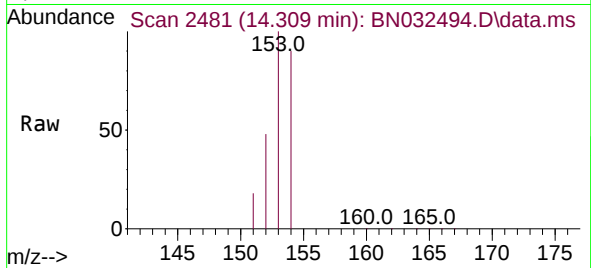
Tgt Ion:152 Resp: 110810
Ion Ratio Lower Upper
152 100
151 23.3 15.7 23.5
153 39.6 10.9 16.3#





#11
Acenaphthene
Concen: 37.487 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

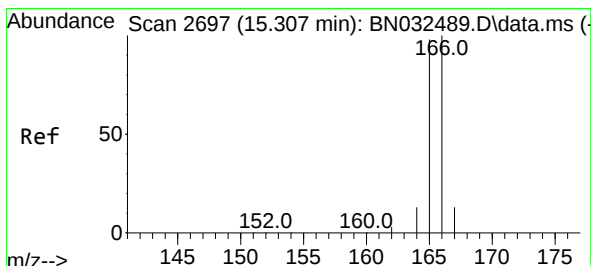
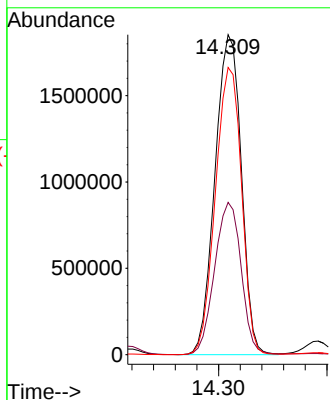
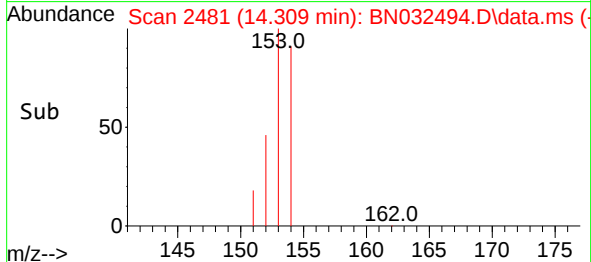
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:153 Resp: 3129768
Ion Ratio Lower Upper
153 100
152 47.6 39.5 59.3
154 89.8 71.7 107.5

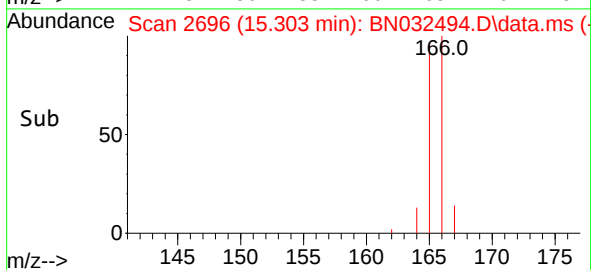
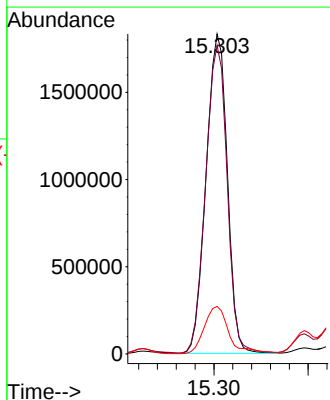
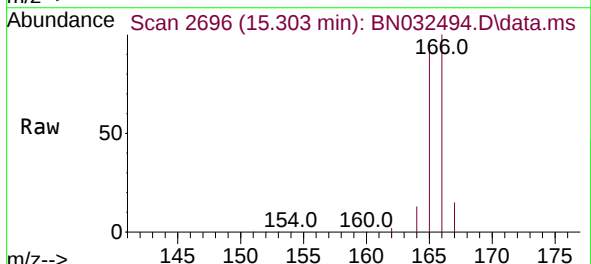
Manual Integrations
APPROVED

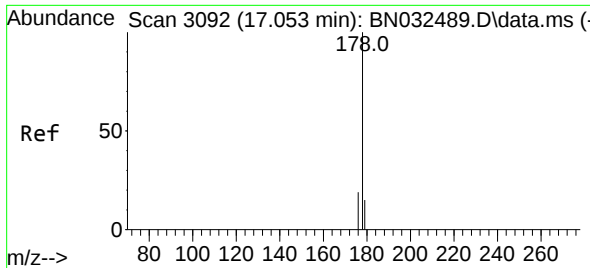
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 28.770 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

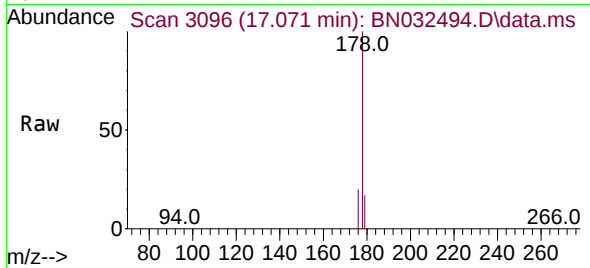
Tgt Ion:166 Resp: 2862113
Ion Ratio Lower Upper
166 100
165 96.4 79.0 118.6
167 14.9 11.0 16.6





#15
Phenanthrene
Concen: 182.427 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. 0.021 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

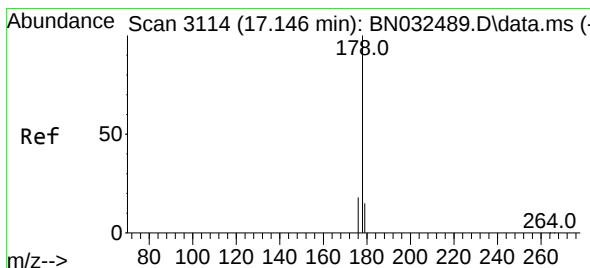
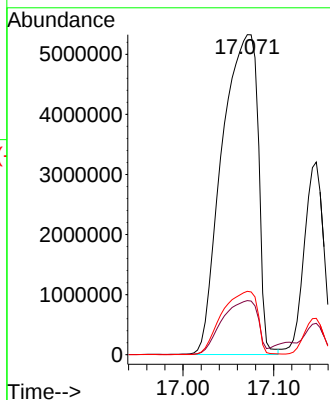
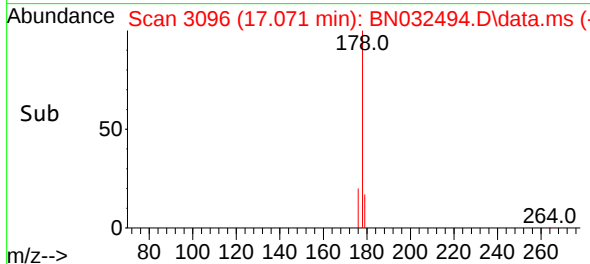
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:178 Resp:1471116
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.8 15.6 23.4

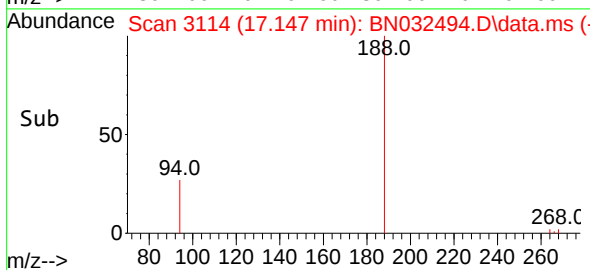
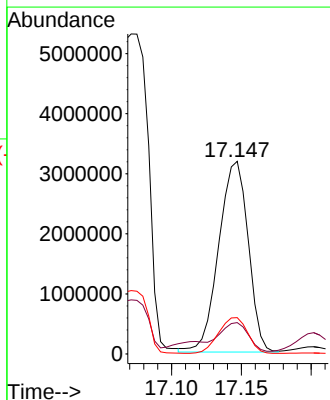
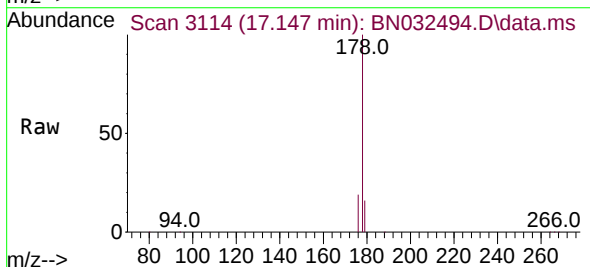
Manual Integrations
APPROVED

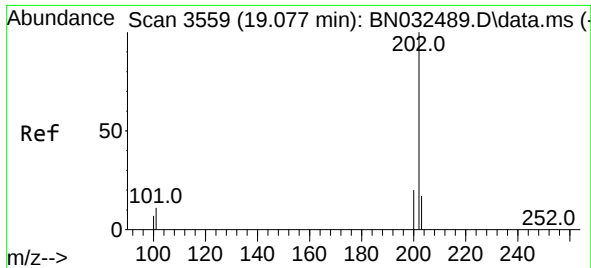
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 64.947 ng/ul m
RT: 17.147 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

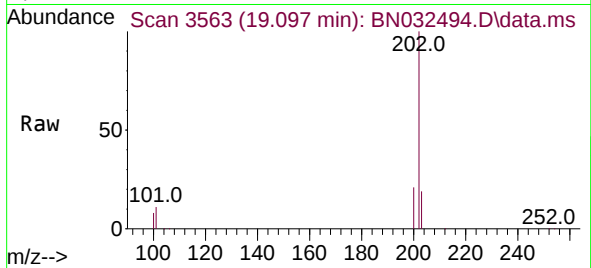
Tgt Ion:178 Resp: 4671563
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 132.903 ng/ul m
RT: 19.097 min Scan# 3563
Delta R.T. 0.023 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

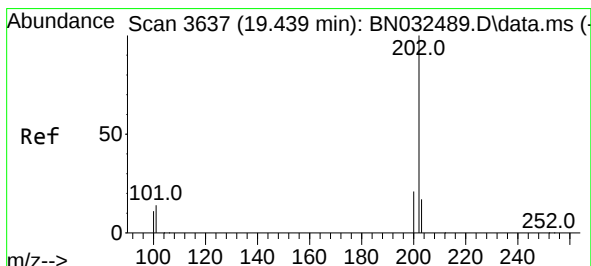
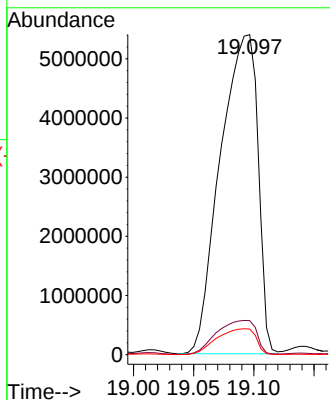
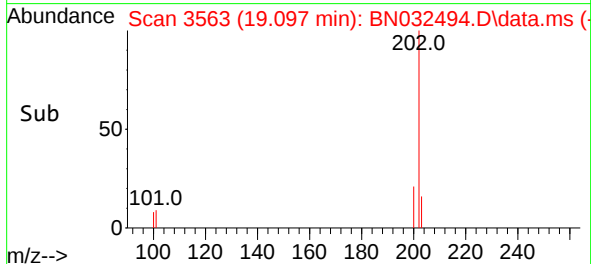
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:202 Resp:1170672
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.0 6.4 9.6

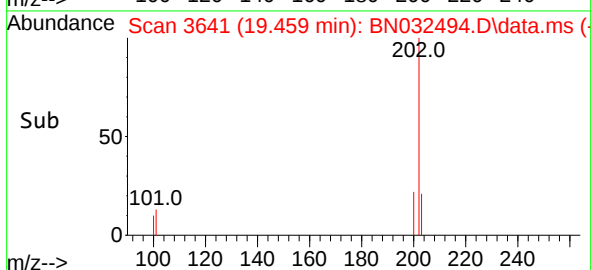
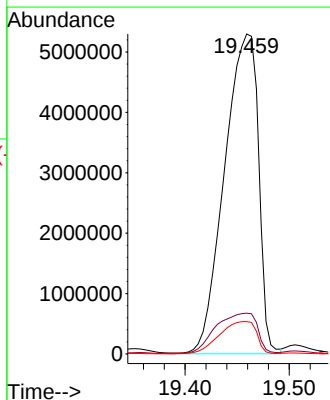
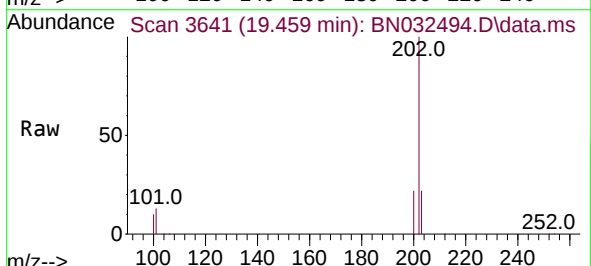
Manual Integrations
APPROVED

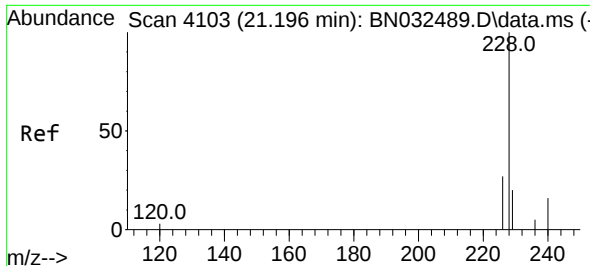
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 130.166 ng/ul m
RT: 19.459 min Scan# 3641
Delta R.T. 0.019 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

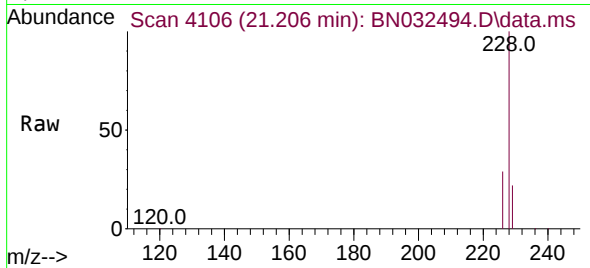
Tgt Ion:202 Resp:11982021
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 86.506 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. 0.015 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

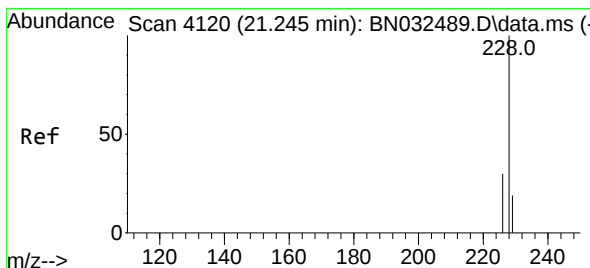
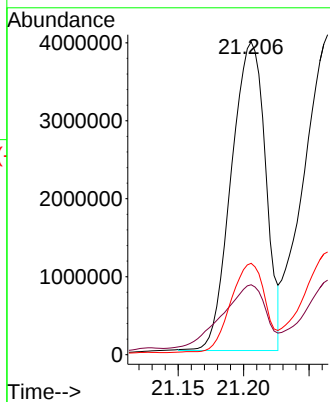
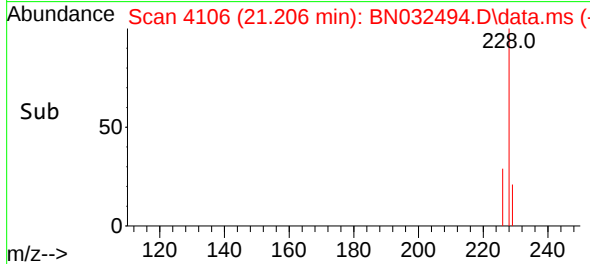
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:228 Resp: 7222424
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.2 21.8 32.8

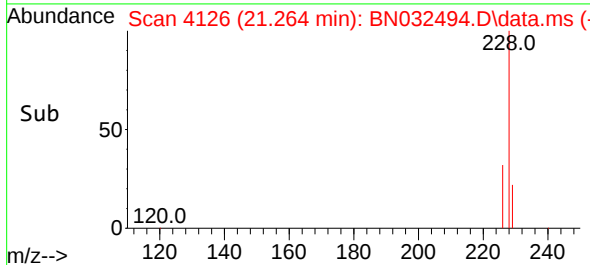
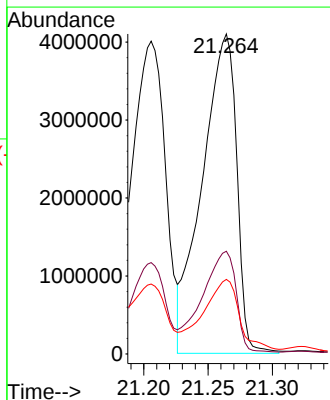
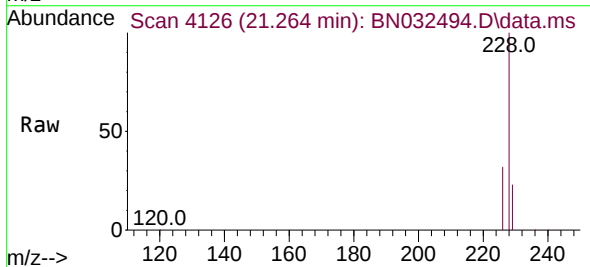
Manual Integrations
APPROVED

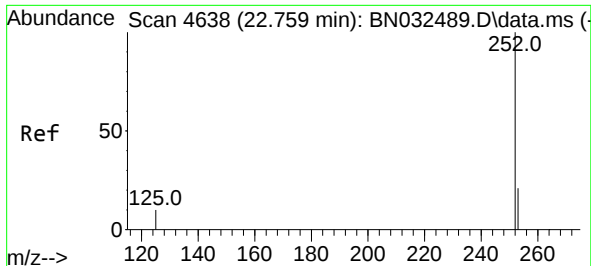
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 83.514 ng/ul m
RT: 21.264 min Scan# 4126
Delta R.T. 0.021 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

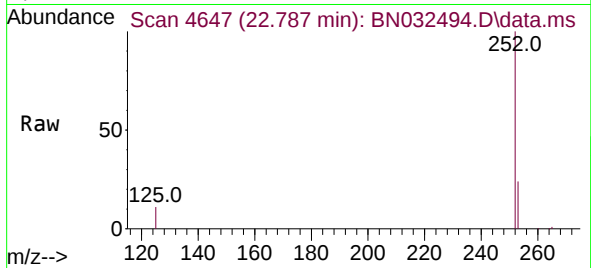
Tgt Ion:228 Resp: 7653001
Ion Ratio Lower Upper
228 100
226 32.1 23.6 35.4
229 23.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 33.668 ng/ul m
RT: 22.787 min Scan# 4647
Delta R.T. 0.029 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

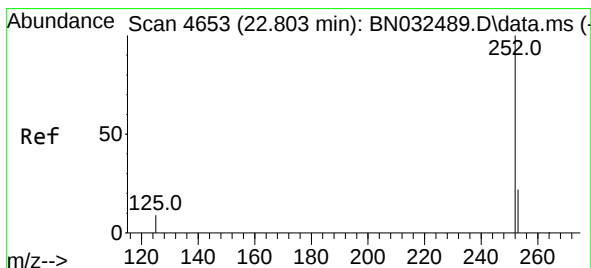
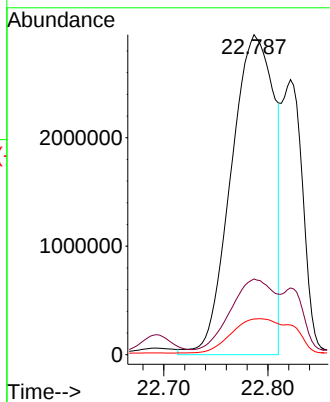
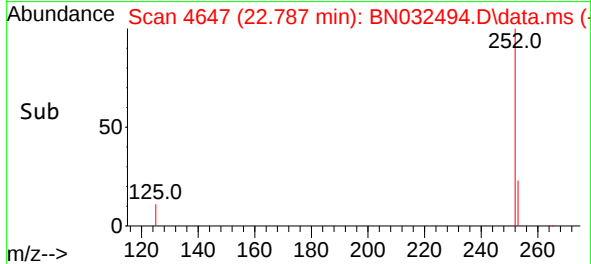
Instrument :
BNA_N
ClientSampleId :
A4CS2



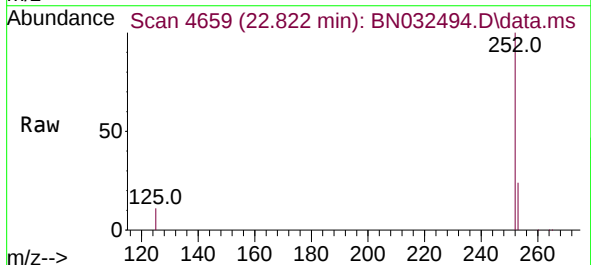
Tgt Ion:252 Resp: 847144
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 11.2 0.0 32.0

Manual Integrations
APPROVED

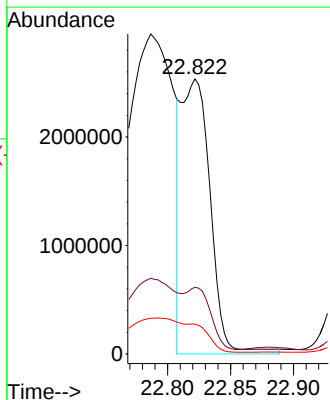
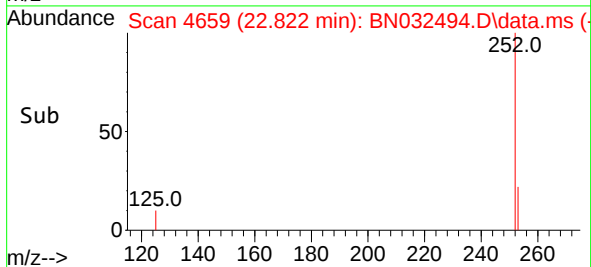
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

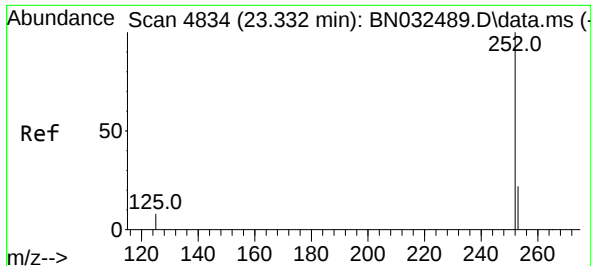


#25
Benzo(k)fluoranthene
Concen: 16.767 ng/ul m
RT: 22.822 min Scan# 4659
Delta R.T. 0.021 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46



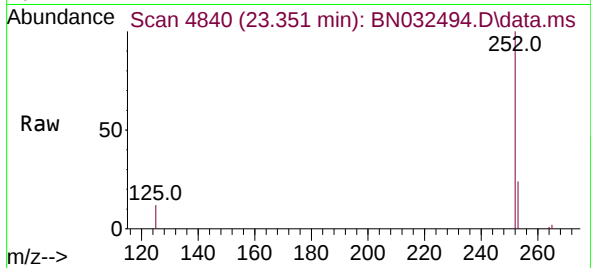
Tgt Ion:252 Resp: 4099119
Ion Ratio Lower Upper
252 100
253 24.3 20.3 30.5
125 10.8 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 27.412 ng/ul m
RT: 23.351 min Scan# 4834
Delta R.T. 0.023 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

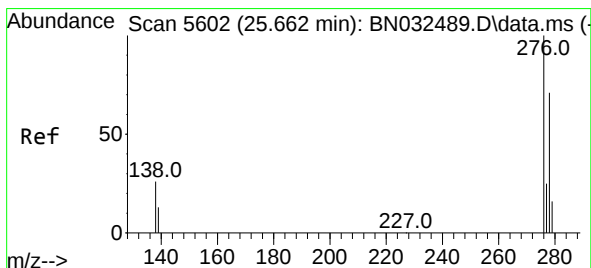
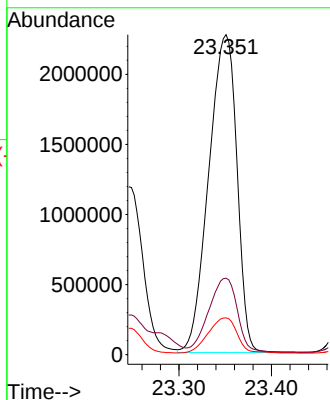
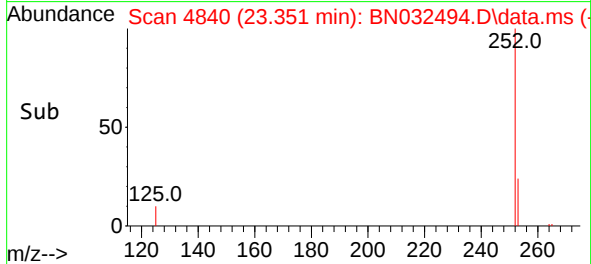
Instrument :
BNA_N
ClientSampleId :
A4CS2



Tgt Ion:252 Resp: 4798970
Ion Ratio Lower Upper
252 100
253 23.9 22.2 33.2
125 11.5 16.4 24.6

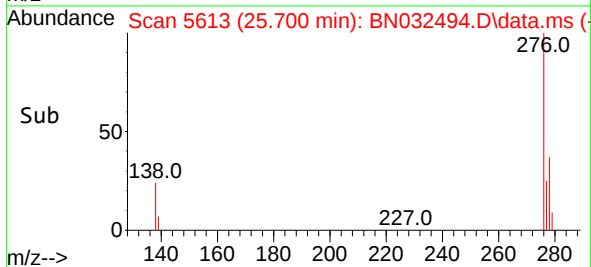
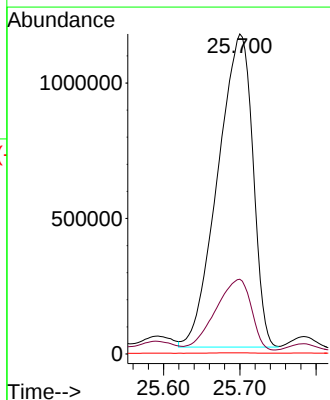
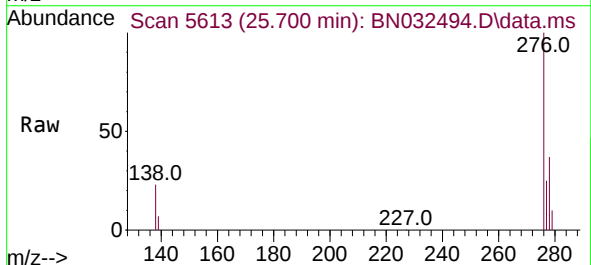
Manual Integrations
APPROVED

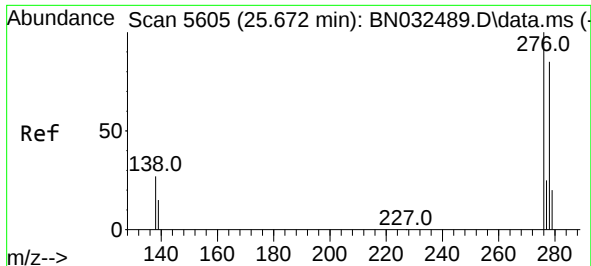
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.453 ng/ul m
RT: 25.700 min Scan# 5613
Delta R.T. 0.040 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

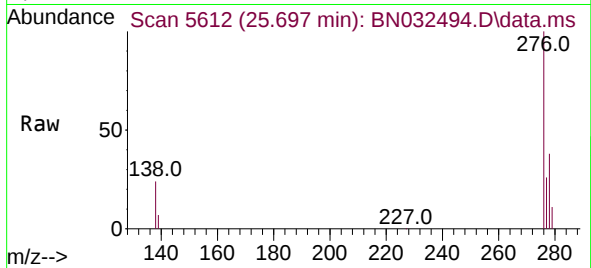
Tgt Ion:276 Resp: 3687676
Ion Ratio Lower Upper
276 100
138 2.1 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 7.628 ng/ul m
RT: 25.697 min Scan# 5612
Delta R.T. 0.030 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46

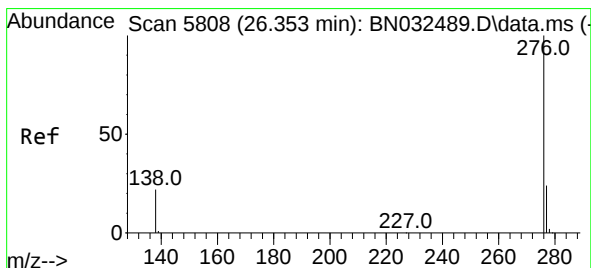
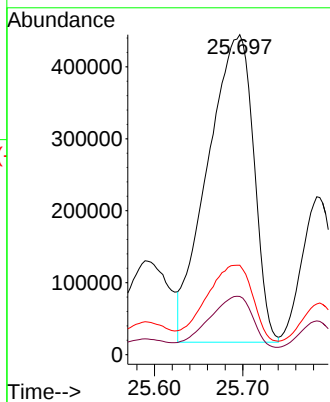
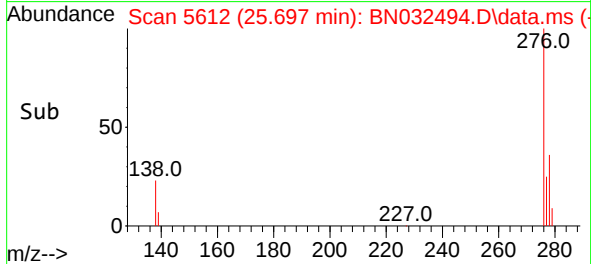
Instrument :
BNA_N
ClientSampleId :
A4CS2



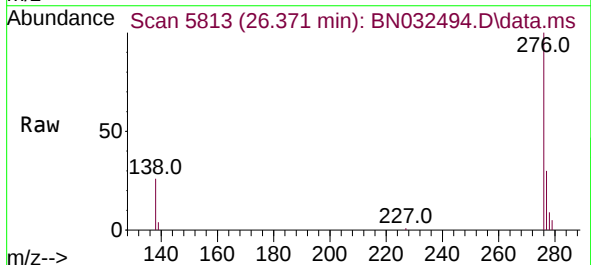
Tgt Ion:278 Resp: 155360
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 27.9 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 2.813 ng/ul m
RT: 26.371 min Scan# 5813
Delta R.T. 0.027 min
Lab File: BN032494.D
Acq: 05 Jul 2024 03:46



Tgt Ion:276 Resp: 614145
Ion Ratio Lower Upper
276 100
138 25.8 19.8 29.6
277 30.3 19.8 29.6#

