

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032493.D
 Acq On : 05 Jul 2024 03:10
 Operator : MA/JU
 Sample : P2964-10MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS4MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 03:36:13 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	7501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	22118	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	11682	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.998	188	21380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.204	240	17756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.423	264	25666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2945	0.353	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	6352	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	13319	0.249	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	6963	0.734	ng/ul	93
5) Naphthalene	10.419	128	59946	1.024	ng/ul	99
7) 2-Methylnaphthalene	12.041	142	24187	0.623	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	17225	0.428	ng/ul	99
10) Acenaphthylene	13.965	152	97527	2.007	ng/ul	99
11) Acenaphthene	14.307	153	21259	0.564	ng/ul	99
12) Fluorene	15.302	166	31595	0.703	ng/ul	99
14) Pentachlorophenol	16.664	266	3418	0.707	ng/ul	98
15) Phenanthrene	17.040	178	473572	8.079	ng/ul	99
16) Anthracene	17.133	178	147288	2.817	ng/ul	99
19) Fluoranthene	19.067	202	919384	13.598	ng/ul	98
20) Pyrene	19.434	202	754235	10.674	ng/ul	98
21) Benzo(a)anthracene	21.190	228	516880	8.065	ng/ul	96
22) Chrysene	21.242	228	559664	7.957	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	823746m	7.387	ng/ul	
25) Benzo(k)fluoranthene	22.797	252	282371m	2.606	ng/ul	
26) Benzo(a)pyrene	23.326	252	358982	4.627	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.662	276	381902	3.144	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.662	278	138129	1.530	ng/ul#	90
29) Benzo(g,h,i)perylene	26.349	276	59868	0.619	ng/ul#	85

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

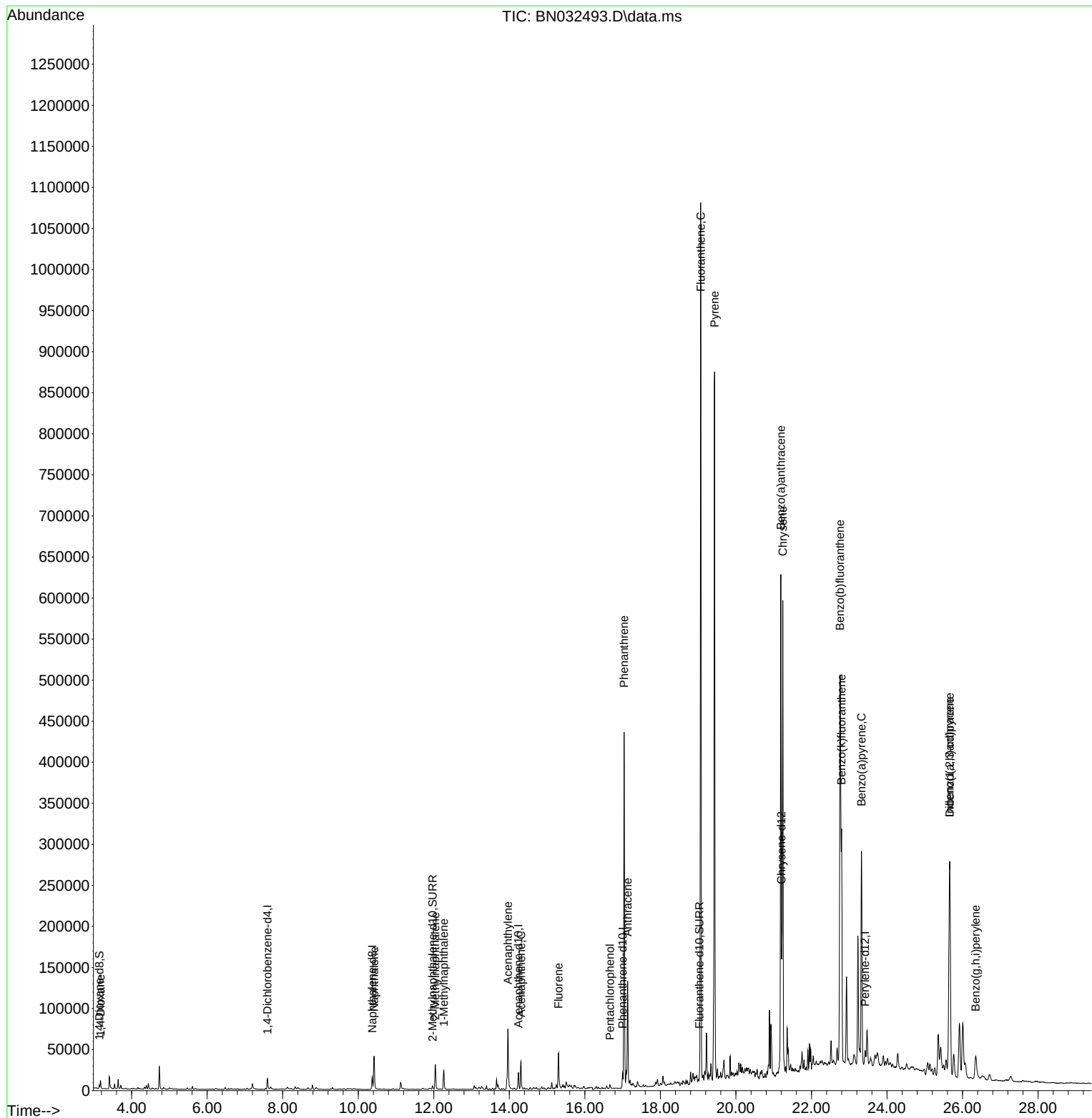
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032493.D
Acq On : 05 Jul 2024 03:10
Operator : MA/JU
Sample : P2964-10MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

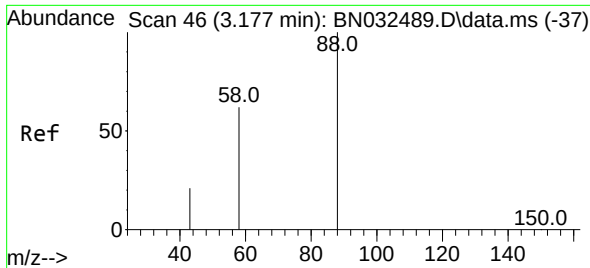
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD

Quant Time: Jul 05 03:36:13 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

Manual Integrations
APPROVED

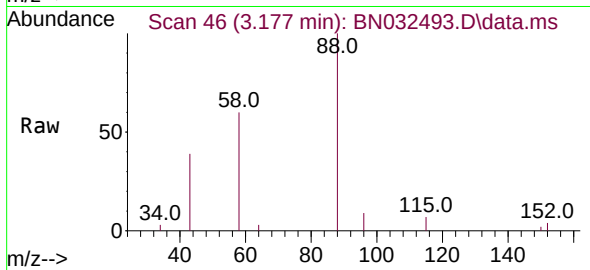
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#2
 1,4-Dioxane
 Concen: 0.734 ng/ul
 RT: 3.177 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN032493.D
 Acq: 05 Jul 2024 03:10

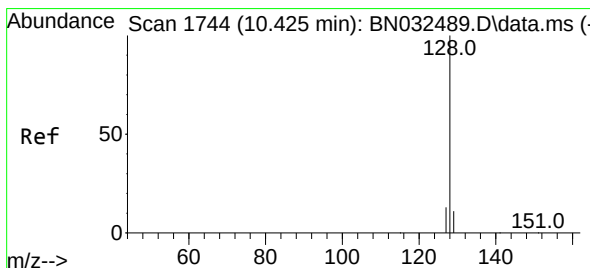
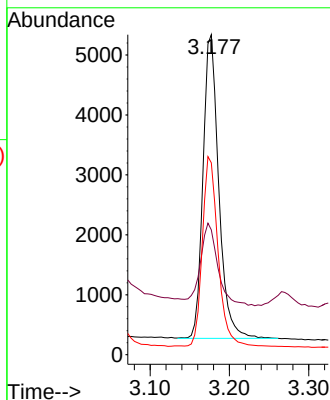
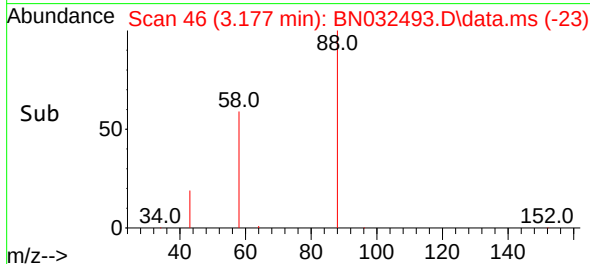
Instrument :
 BNA_N
 ClientSampleId :
 A4CS4MSD



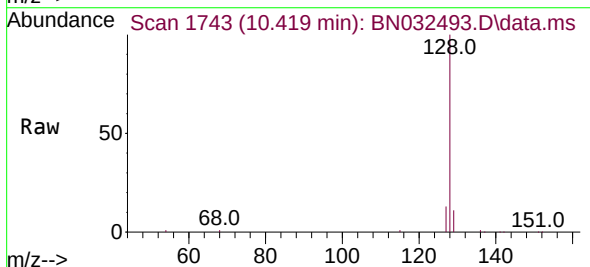
Tgt Ion: 88 Resp: 696
 Ion Ratio Lower Upper
 88 100
 43 39.0 28.4 42.6
 58 59.9 43.3 64.9

Manual Integrations
 APPROVED

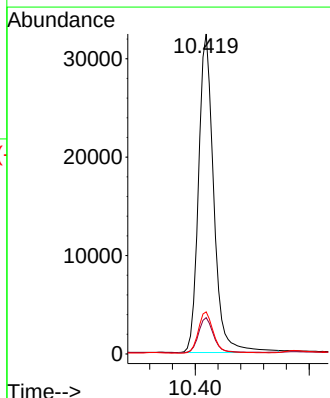
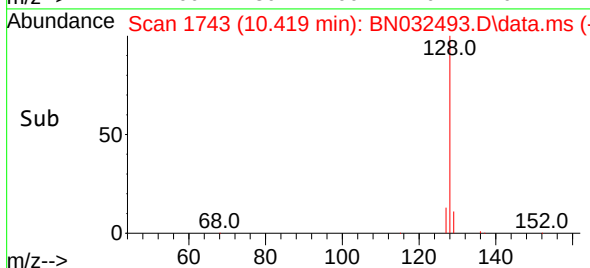
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

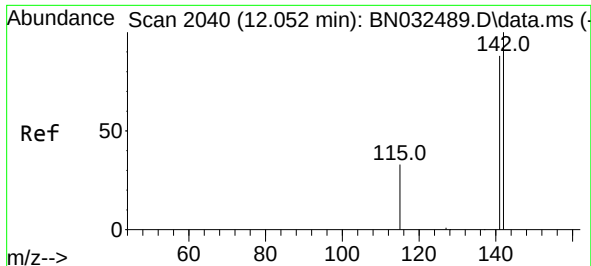


#5
 Naphthalene
 Concen: 1.024 ng/ul
 RT: 10.419 min Scan# 1743
 Delta R.T. -0.012 min
 Lab File: BN032493.D
 Acq: 05 Jul 2024 03:10



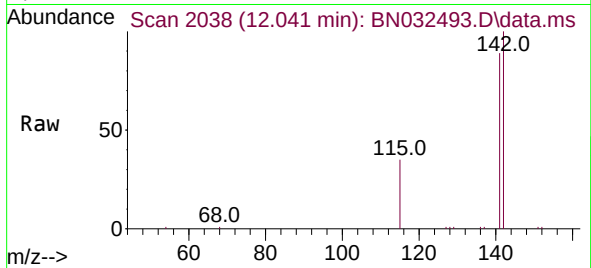
Tgt Ion:128 Resp: 59946
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.2 13.8
 127 13.2 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.623 ng/ul
RT: 12.041 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

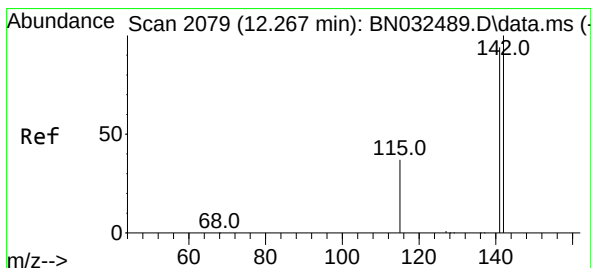
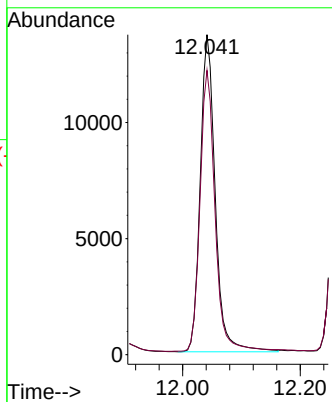
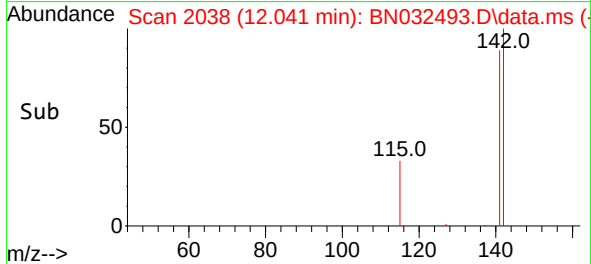
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



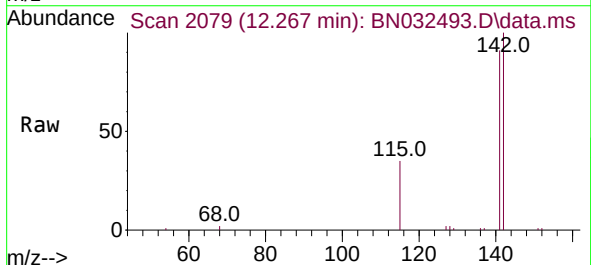
Tgt Ion:142 Resp: 2418
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2

Manual Integrations
APPROVED

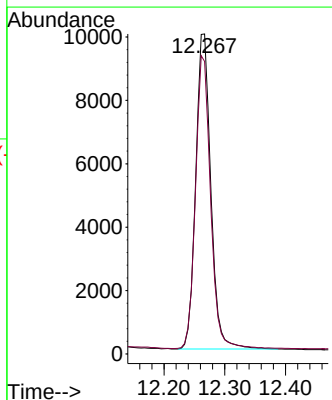
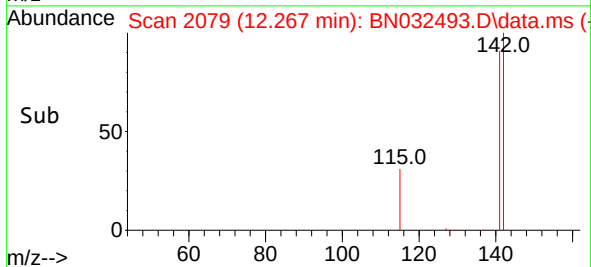
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

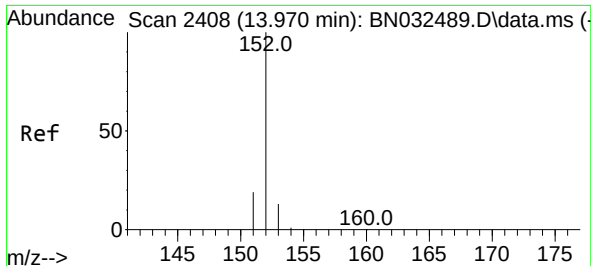


#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10



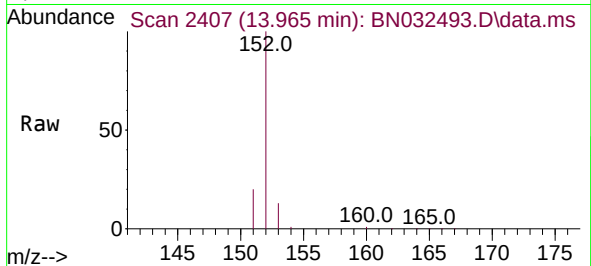
Tgt Ion:142 Resp: 17225
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0





#10
Acenaphthylene
Concen: 2.007 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

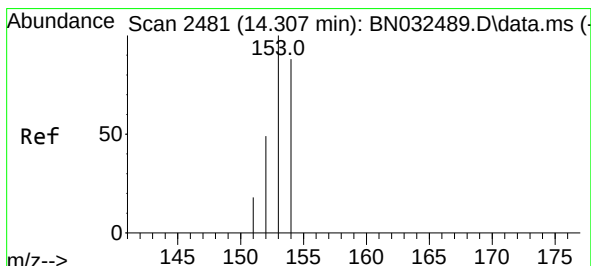
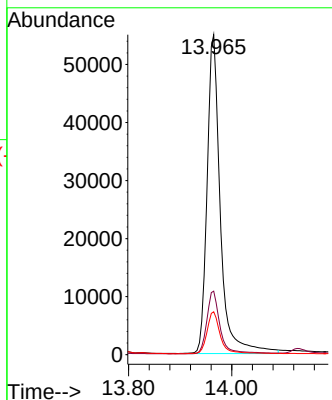
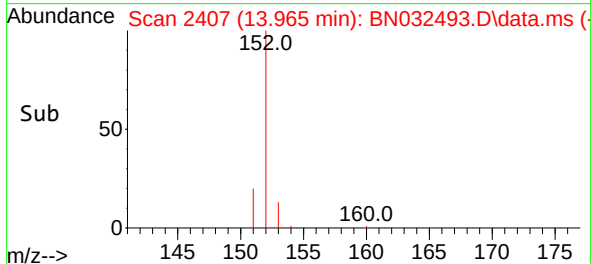
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:152 Resp: 9752
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 10.9 16.3

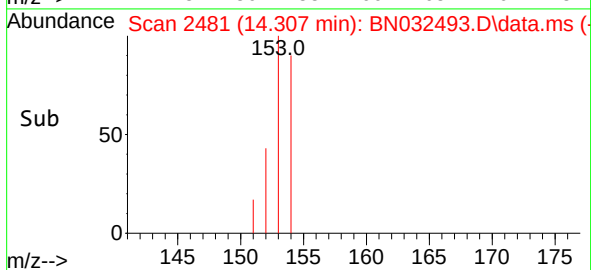
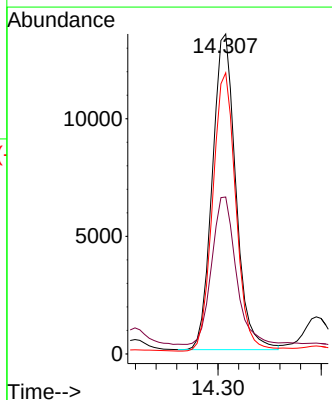
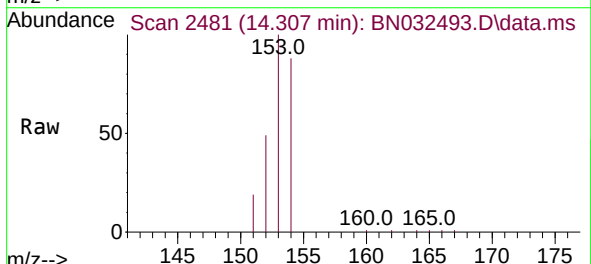
Manual Integrations
APPROVED

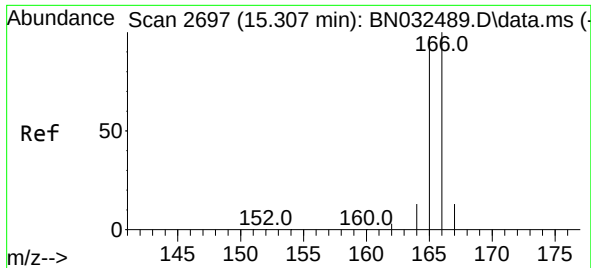
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#11
Acenaphthene
Concen: 0.564 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

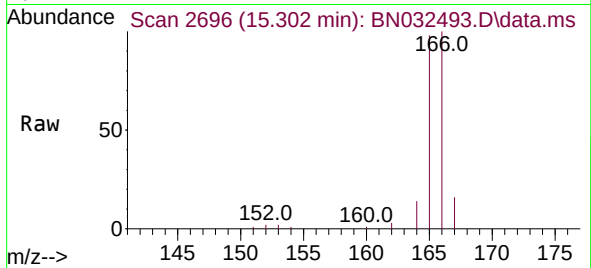
Tgt Ion:153 Resp: 21259
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 87.9 71.7 107.5





#12
Fluorene
Concen: 0.703 ng/ul
RT: 15.302 min Scan# 20
Delta R.T. -0.011 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

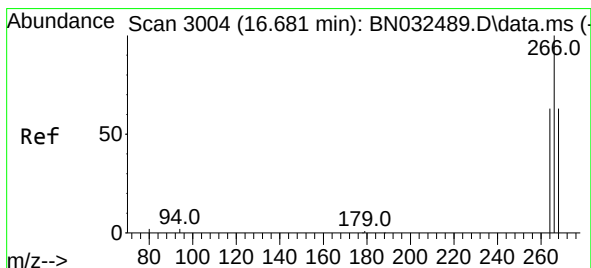
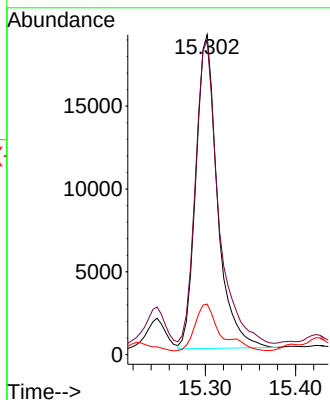
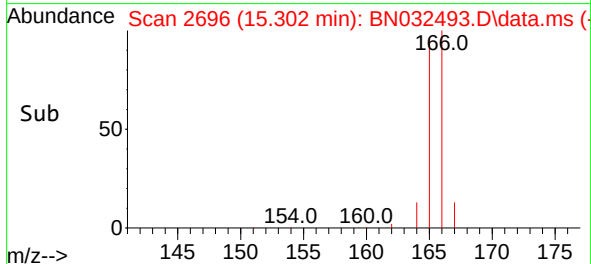
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:166 Resp: 3159
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 15.8 11.0 16.6

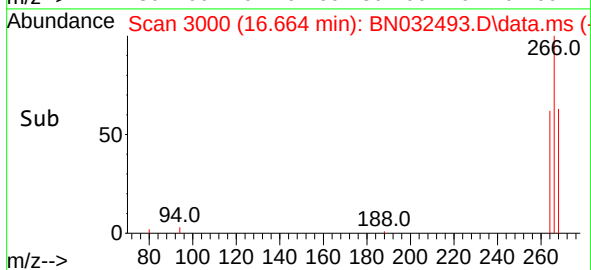
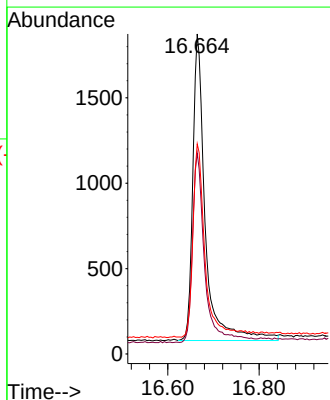
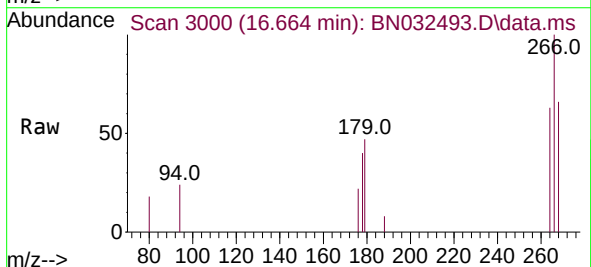
Manual Integrations
APPROVED

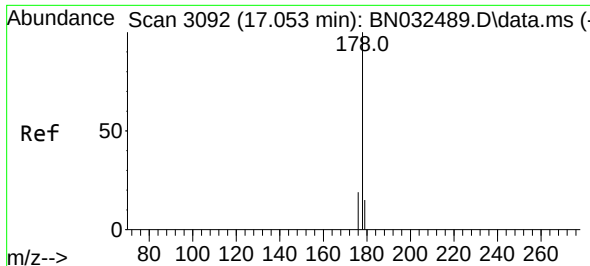
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#14
Pentachlorophenol
Concen: 0.707 ng/ul
RT: 16.664 min Scan# 3000
Delta R.T. -0.010 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

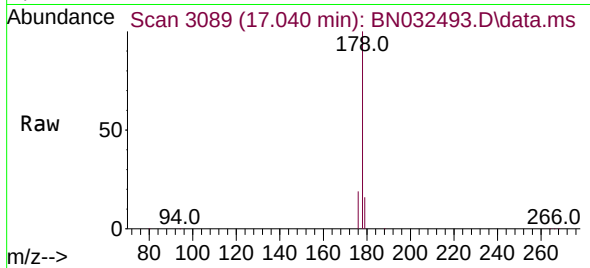
Tgt Ion:266 Resp: 3418
Ion Ratio Lower Upper
266 100
264 60.6 49.9 74.9
268 63.8 52.4 78.6





#15
Phenanthrene
Concen: 8.079 ng/ul
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

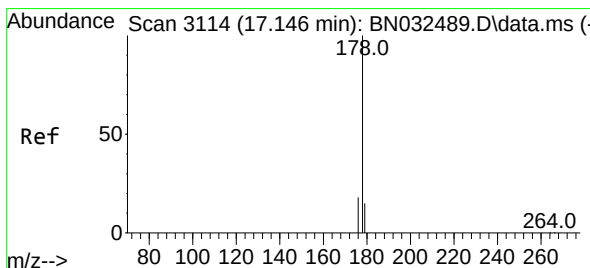
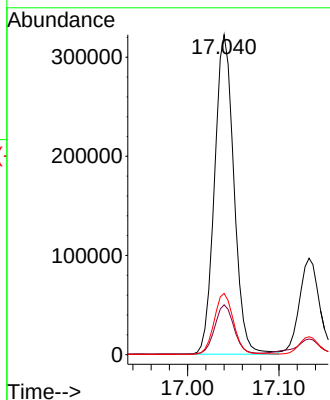
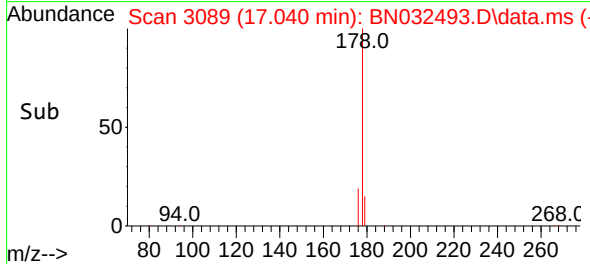
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:178 Resp: 473572
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.6 23.4

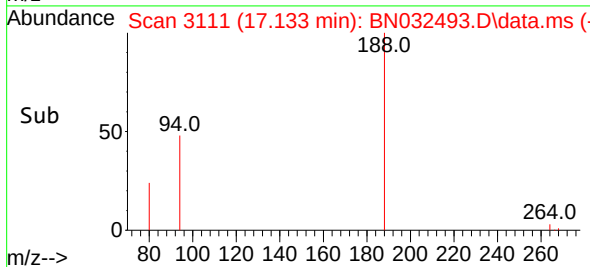
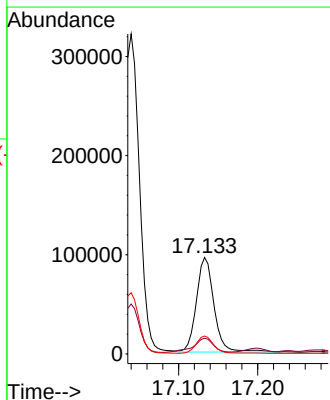
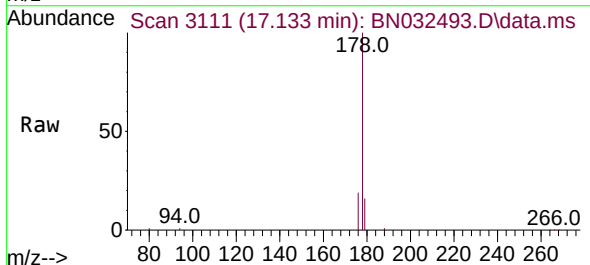
Manual Integrations
APPROVED

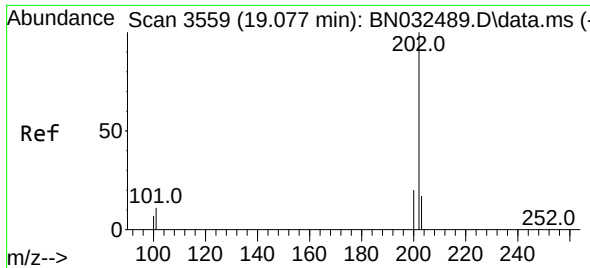
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 2.817 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

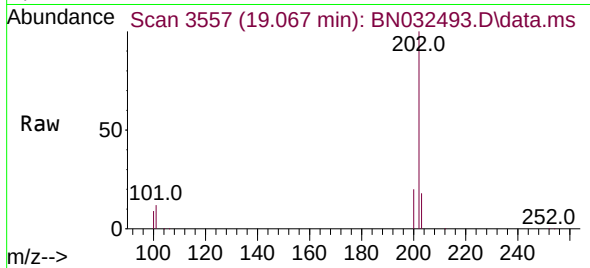
Tgt Ion:178 Resp: 147288
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 13.598 ng/ul
RT: 19.067 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

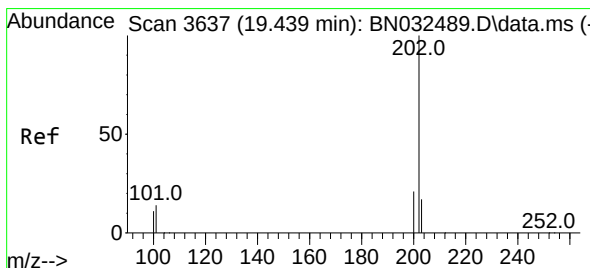
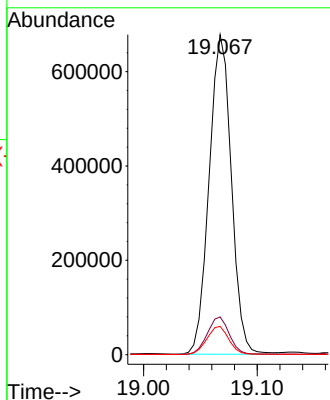
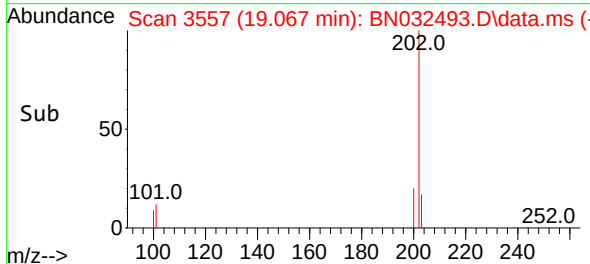
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:202 Resp: 919384
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.4 9.6

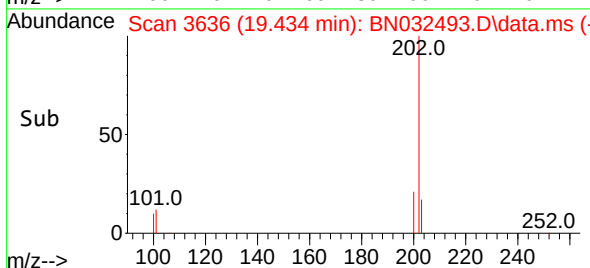
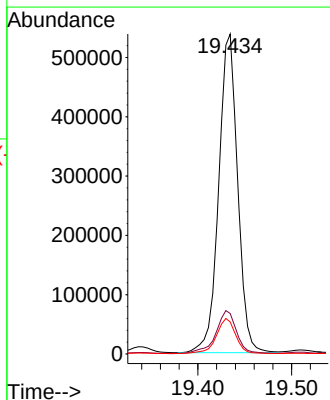
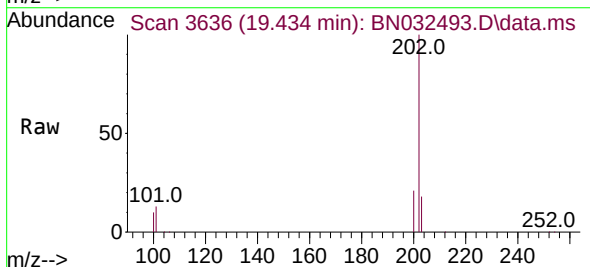
Manual Integrations
APPROVED

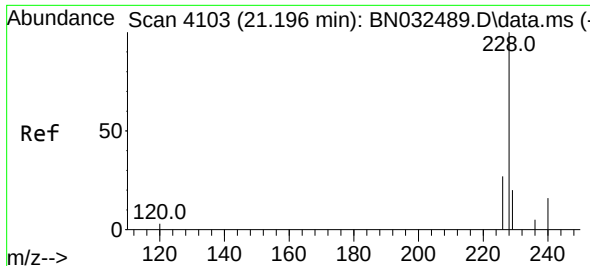
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 10.674 ng/ul
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

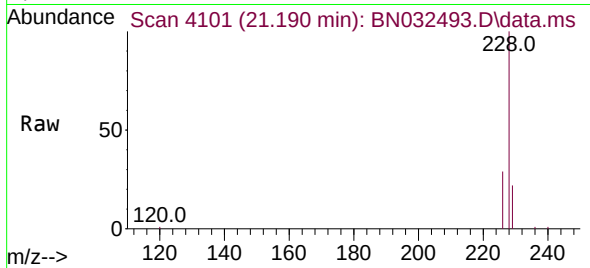
Tgt Ion:202 Resp: 754235
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 8.065 ng/u1
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

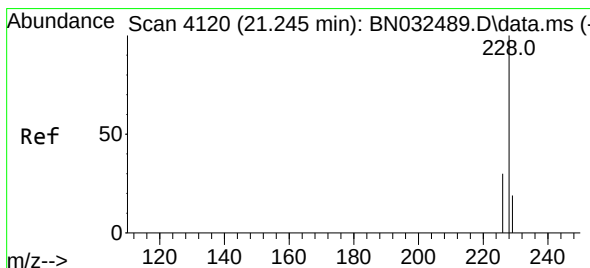
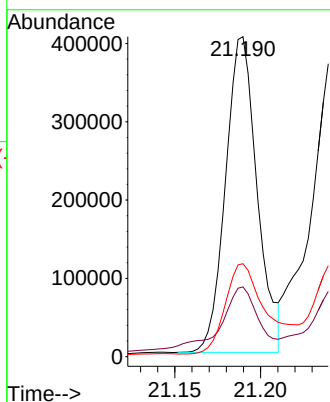
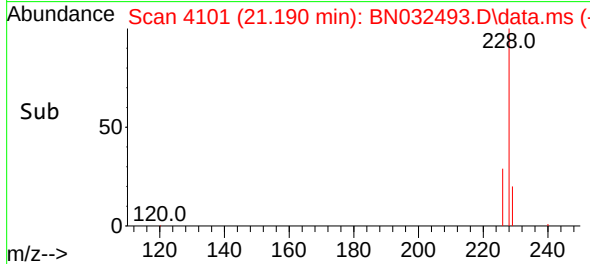
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:228 Resp: 516880
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 29.1 21.8 32.8

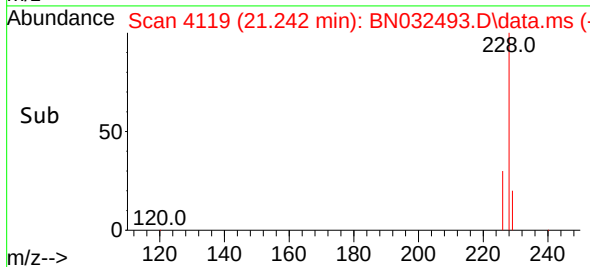
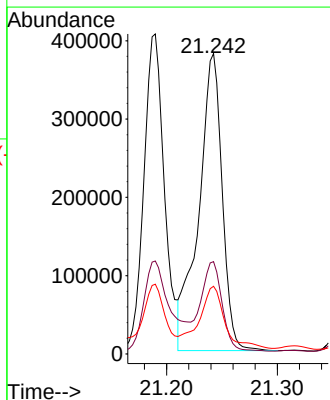
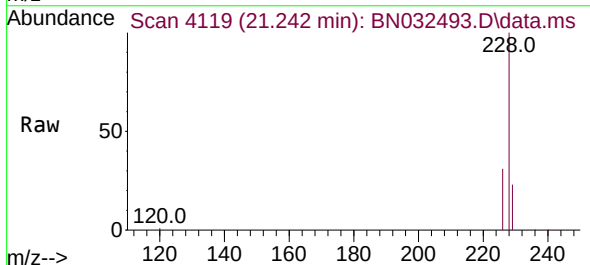
Manual Integrations
APPROVED

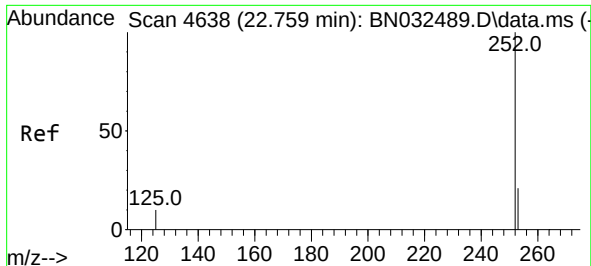
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 7.957 ng/u1
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

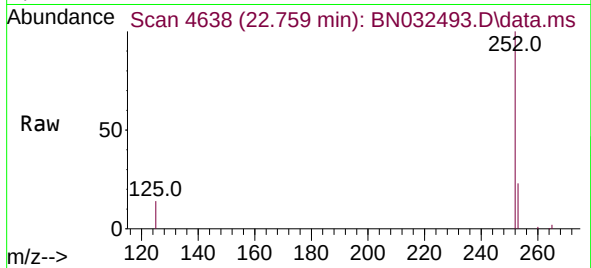
Tgt Ion:228 Resp: 559664
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.387 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

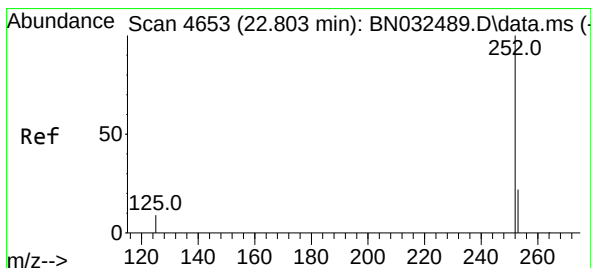
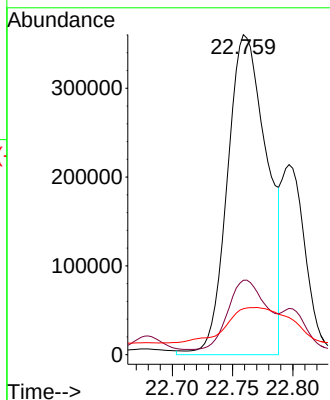
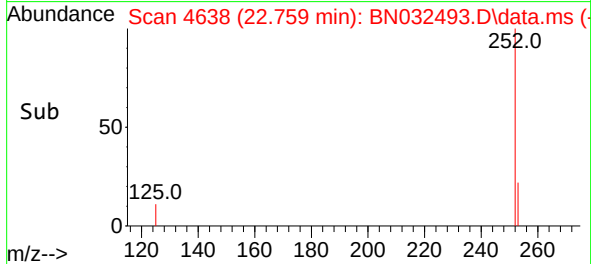
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:252 Resp: 823740
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 14.4 0.0 32.0

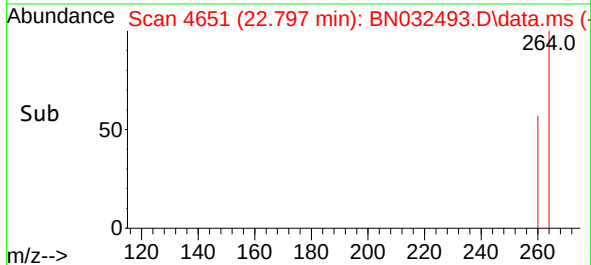
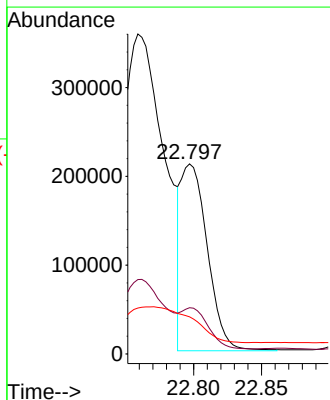
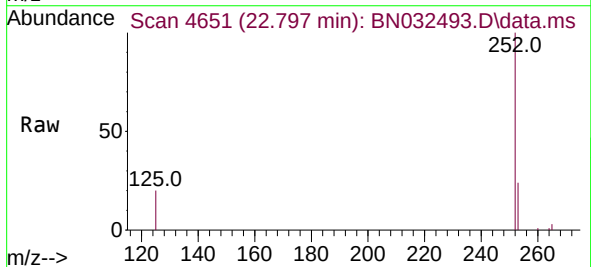
Manual Integrations
APPROVED

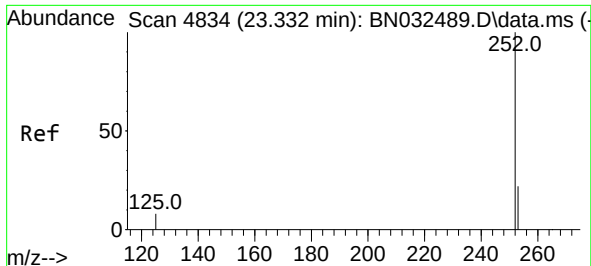
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.606 ng/ul m
RT: 22.797 min Scan# 4651
Delta R.T. -0.004 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

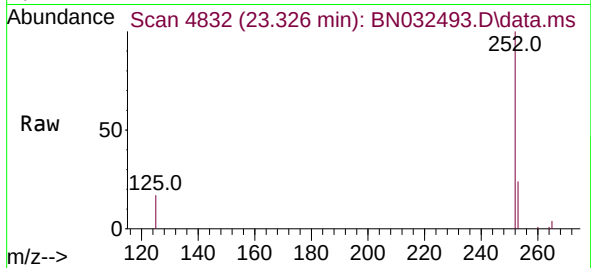
Tgt Ion:252 Resp: 282371
Ion Ratio Lower Upper
252 100
253 24.3 20.3 30.5
125 19.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 4.627 ng/ul
RT: 23.326 min Scan# 4832
Delta R.T. -0.001 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

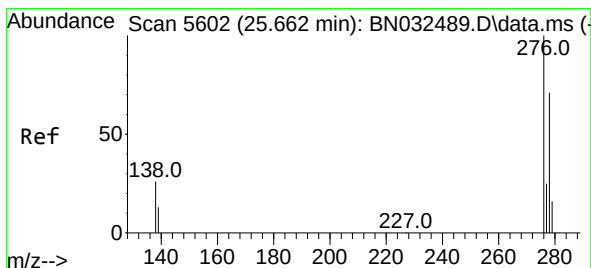
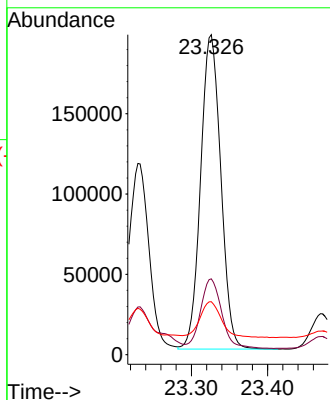
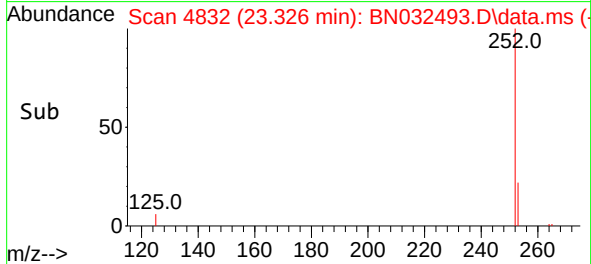
Instrument :
BNA_N
ClientSampleId :
A4CS4MSD



Tgt Ion:252 Resp: 358982
Ion Ratio Lower Upper
252 100
253 23.7 22.2 33.2
125 16.6 16.4 24.6

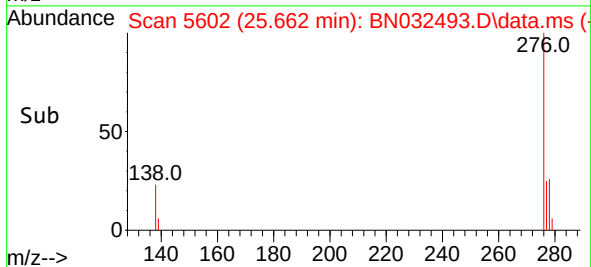
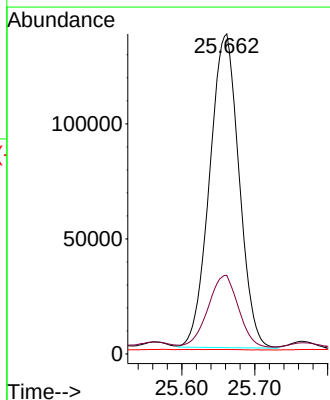
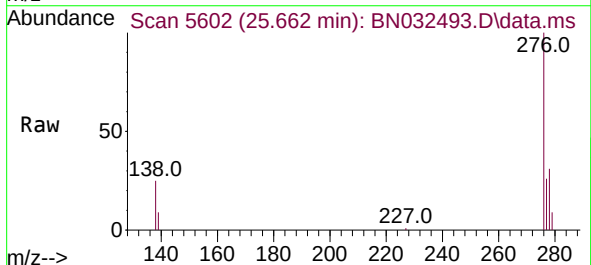
Manual Integrations
APPROVED

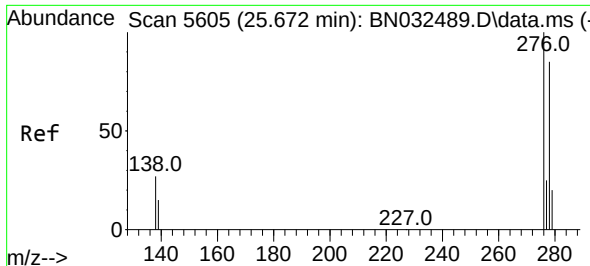
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.144 ng/ul
RT: 25.662 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

Tgt Ion:276 Resp: 381902
Ion Ratio Lower Upper
276 100
138 23.6 21.3 31.9
227 0.0 0.1 0.1#





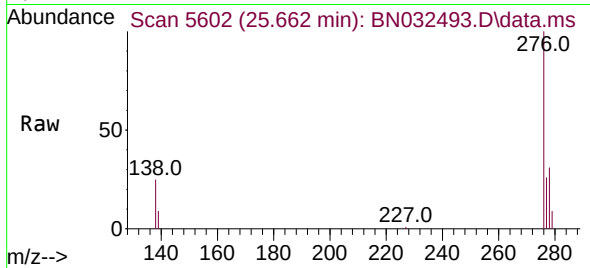
#28
Dibenzo(a,h)anthracene
Concen: 1.530 ng/ul
RT: 25.662 min Scan# 5602
Delta R.T. -0.005 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10

Instrument :

BNA_N

ClientSampleId :

A4CS4MSD



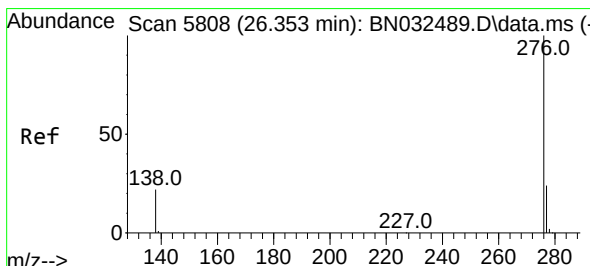
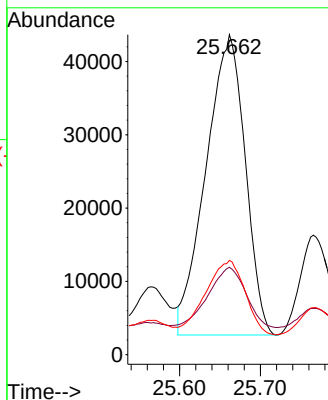
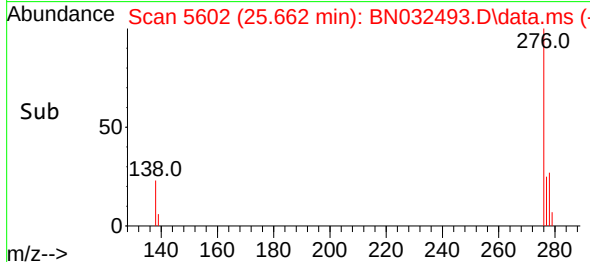
Tgt Ion:278 Resp: 138129
Ion Ratio Lower Upper
278 100
139 27.3 15.9 23.9#
279 29.4 21.1 31.7#

Manual Integrations

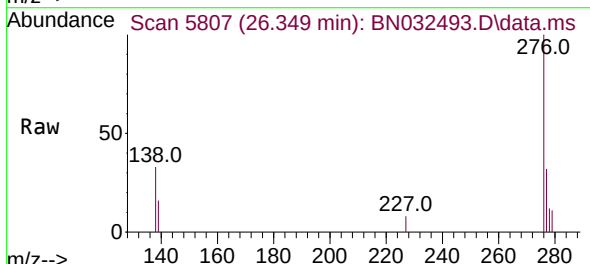
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.619 ng/ul
RT: 26.349 min Scan# 5807
Delta R.T. 0.005 min
Lab File: BN032493.D
Acq: 05 Jul 2024 03:10



Tgt Ion:276 Resp: 59868
Ion Ratio Lower Upper
276 100
138 32.8 19.8 29.6#
277 32.0 19.8 29.6#

