

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032450.D
 Acq On : 03 Jul 2024 23:35
 Operator : MA/JU
 Sample : P2871-22DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B53DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 00:32:28 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	7.599	152	6952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	12467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	25358	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	16328	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	19816	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	7749	1.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2132	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	4114	0.084	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	3538	0.062	ng/ul#	91
7) 2-Methylnaphthalene	12.054	142	1290	0.034	ng/ul	96
8) 1-Methylnaphthalene	12.274	142	1027	0.026	ng/ul	98
10) Acenaphthylene	13.971	152	4514	0.087	ng/ul#	91
11) Acenaphthene	14.313	153	3630	0.090	ng/ul	99
12) Fluorene	15.303	166	4682	0.098	ng/ul#	97
15) Phenanthrene	17.045	178	85990	1.237	ng/ul	99
16) Anthracene	17.138	178	16906	0.273	ng/ul	97
19) Fluoranthene	19.073	202	126640	2.037	ng/ul	99
20) Pyrene	19.436	202	89953	1.384	ng/ul	100
21) Benzo(a)anthracene	21.191	228	58087	0.986	ng/ul	96
22) Chrysene	21.244	228	51587	0.798	ng/ul	94
24) Benzo(b)fluoranthene	22.757	252	75026m	0.871	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	27438m	0.328	ng/ul	
26) Benzo(a)pyrene	23.324	252	28207	0.471	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.656	276	26722	0.285	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.656	278	9335	0.134	ng/ul#	53
29) Benzo(g,h,i)perylene	26.344	276	4094	0.055	ng/ul#	39

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

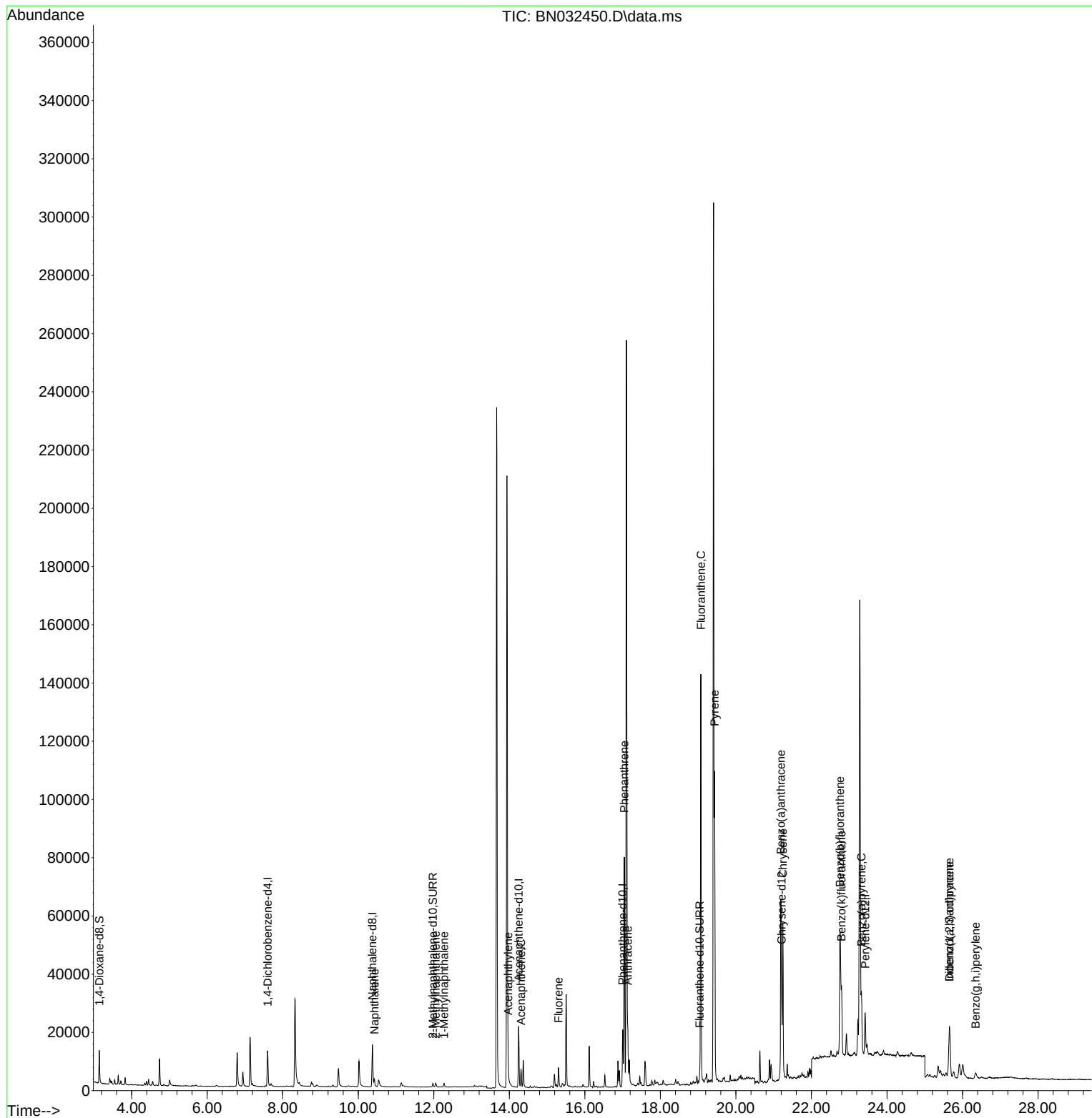
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032450.D
Acq On : 03 Jul 2024 23:35
Operator : MA/JU
Sample : P2871-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

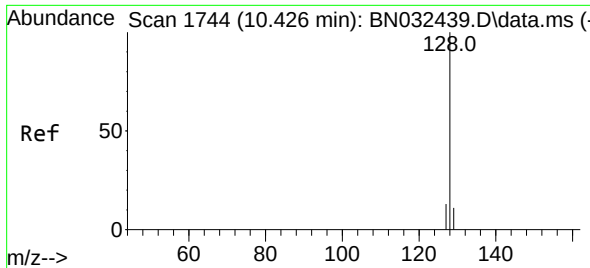
Instrument :
BNA_N
ClientSampleId :
A4B53DL

Manual Integrations
APPROVED

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

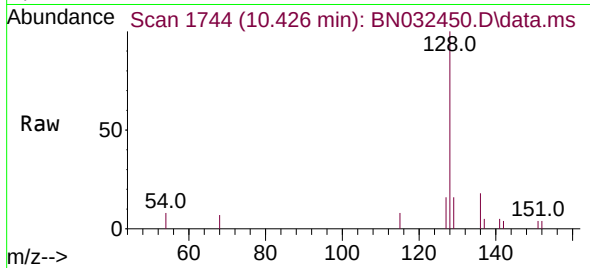
Quant Time: Jul 04 00:32:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

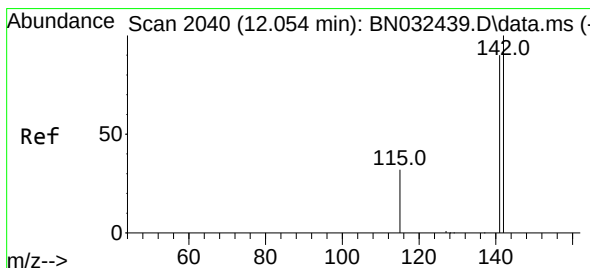
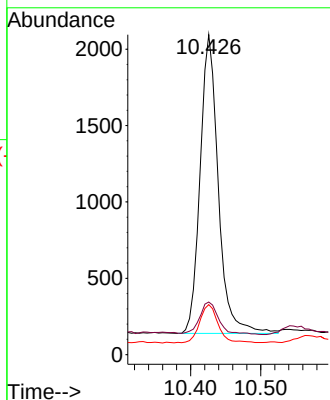
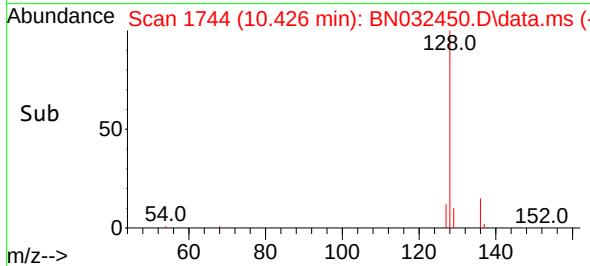
Instrument :
BNA_N
ClientSampleId :
A4B53DL



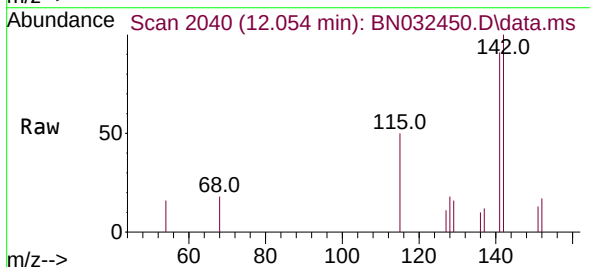
Tgt Ion:128 Resp: 3538
Ion Ratio Lower Upper
128 100
129 16.5 9.2 13.8
127 15.7 10.8 16.2

Manual Integrations
APPROVED

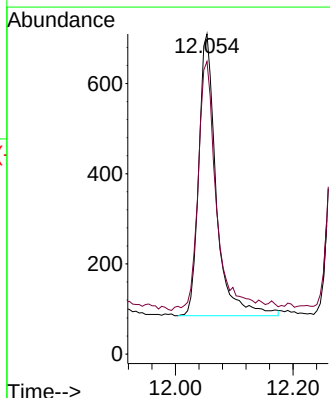
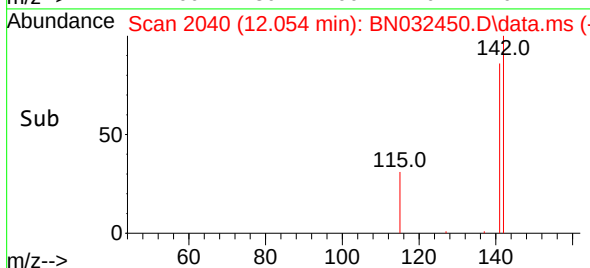
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

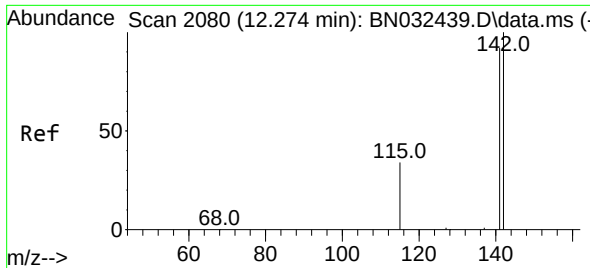


#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35



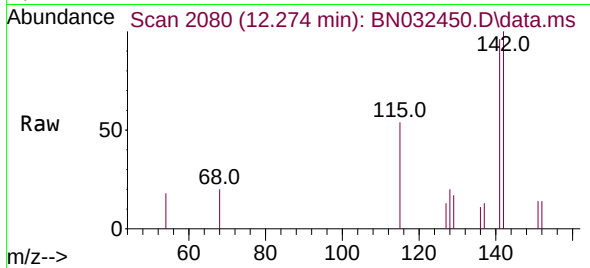
Tgt Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
141 94.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

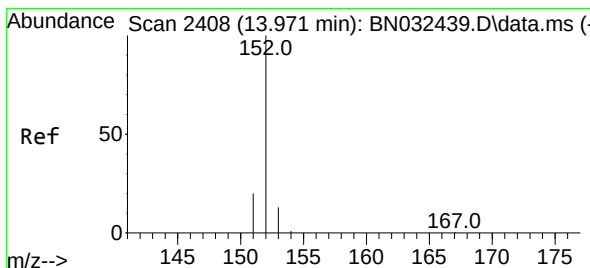
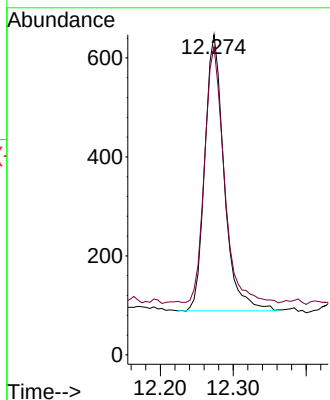
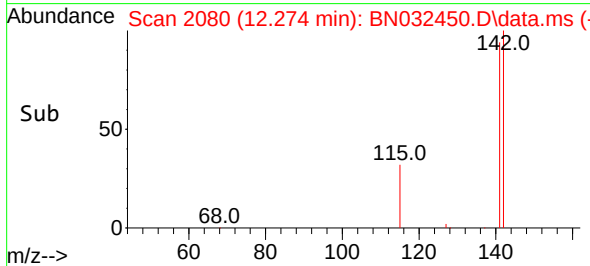
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.0

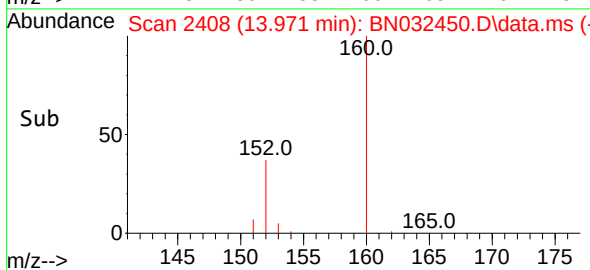
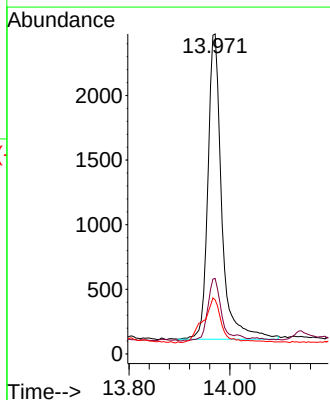
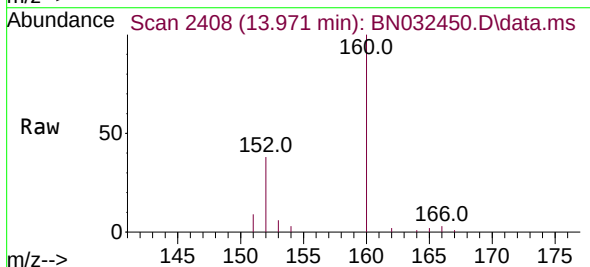
Manual Integrations
APPROVED

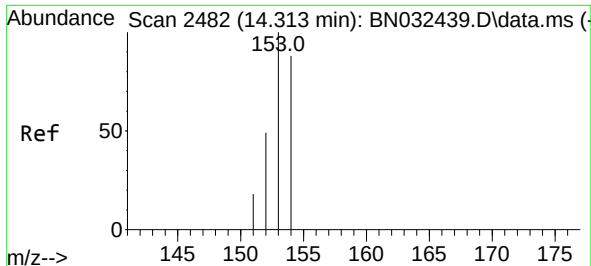
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

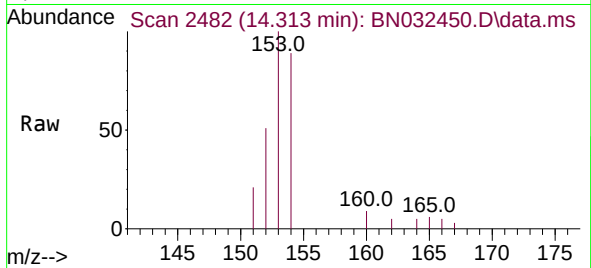
Tgt Ion:152 Resp: 4514
Ion Ratio Lower Upper
152 100
151 23.6 15.7 23.5#
153 16.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.090 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

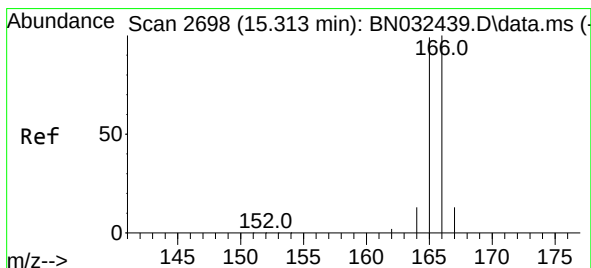
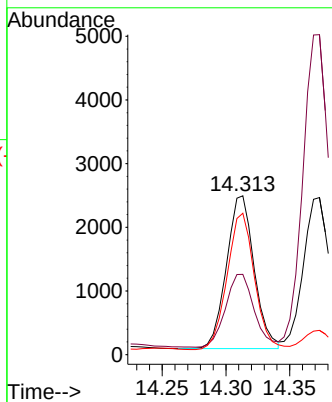
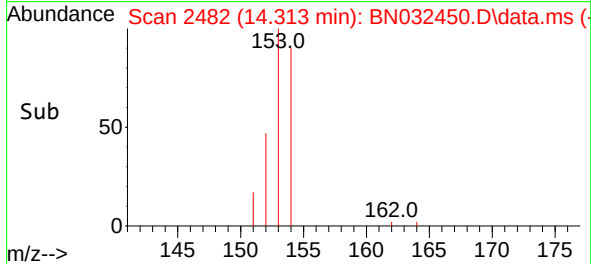
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:153 Resp: 3630
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 89.1 71.7 107.5

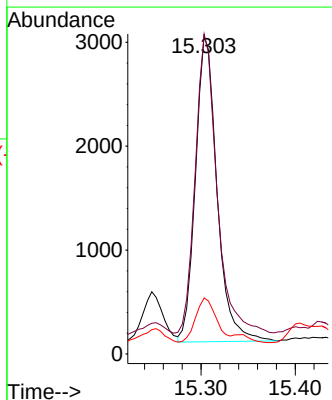
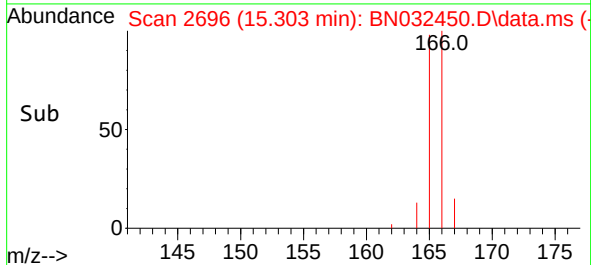
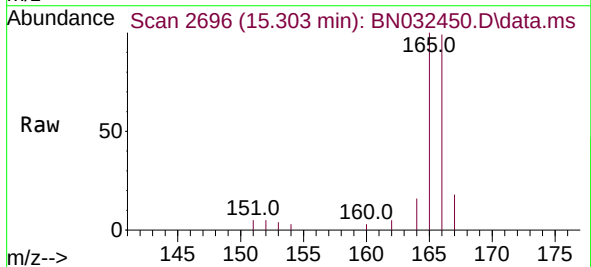
Manual Integrations
APPROVED

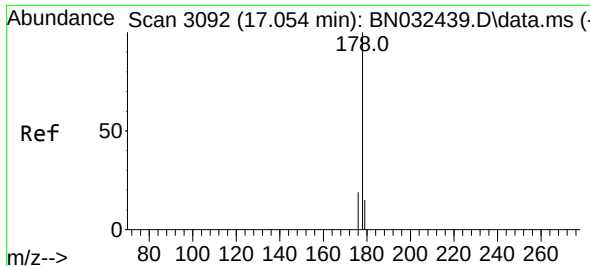
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.098 ng/u1
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

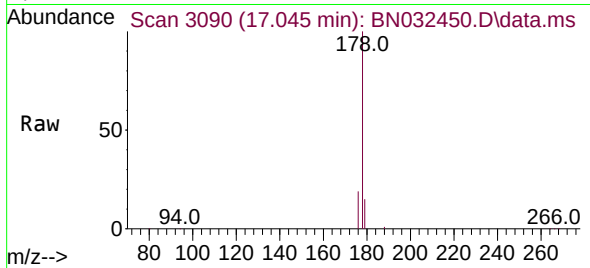
Tgt Ion:166 Resp: 4682
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 17.6 11.0 16.6#





#15
Phenanthrene
Concen: 1.237 ng/ul
RT: 17.045 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

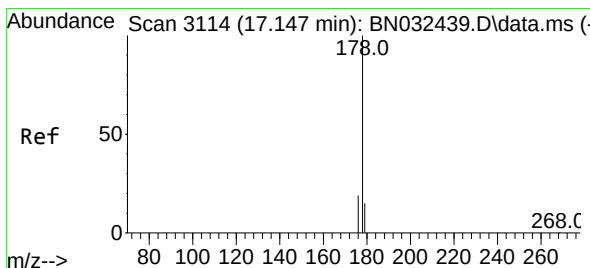
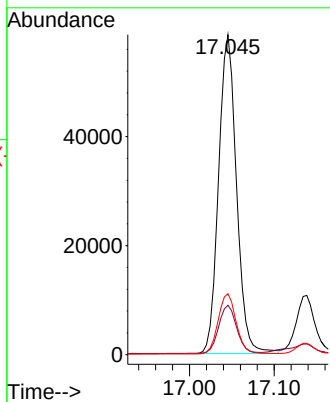
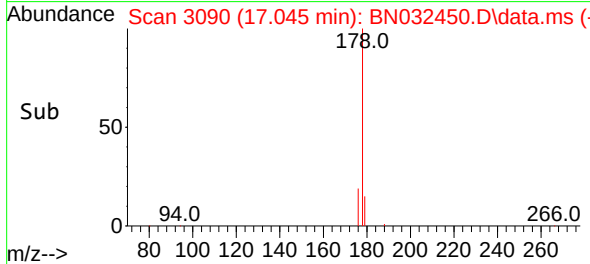
Instrument :
BNA_N
ClientSampleId :
A4B53DL



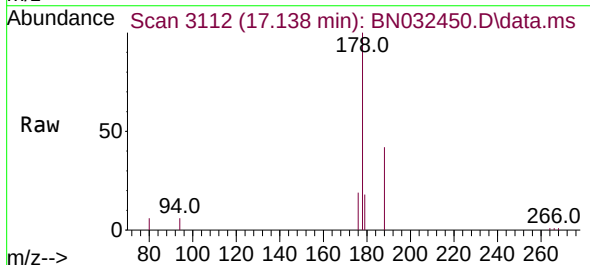
Tgt Ion:178 Resp: 85990
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.6 23.4

Manual Integrations
APPROVED

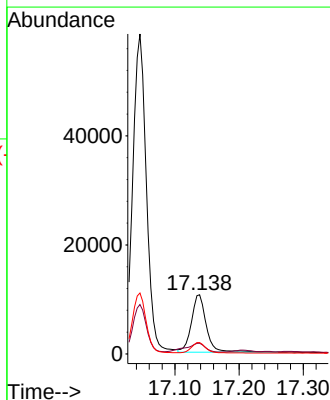
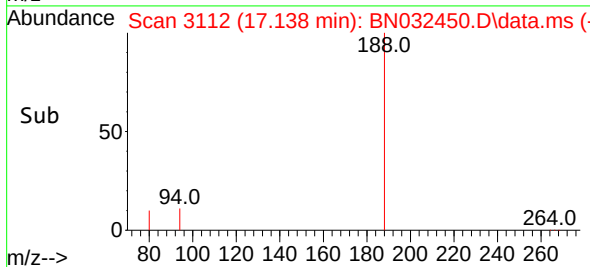
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

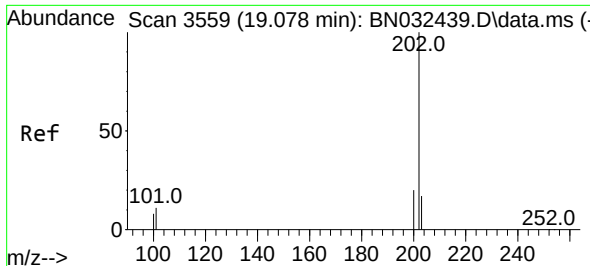


#16
Anthracene
Concen: 0.273 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35



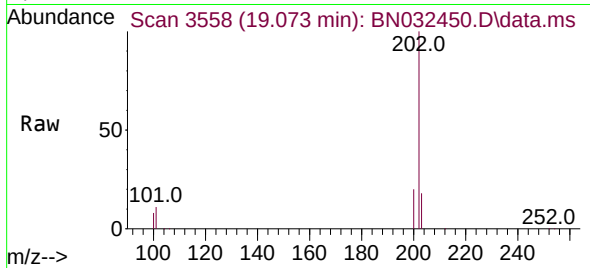
Tgt Ion:178 Resp: 16906
Ion Ratio Lower Upper
178 100
179 18.2 12.5 18.7
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 2.037 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

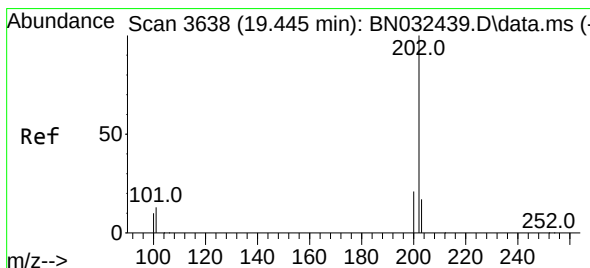
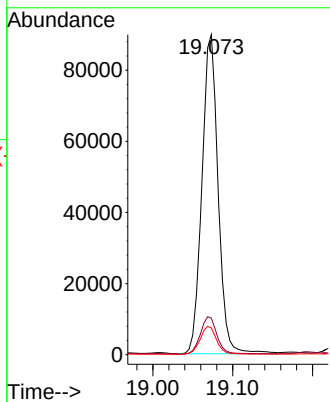
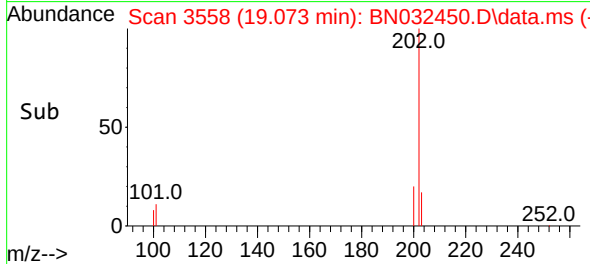
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:202 Resp: 126640
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.4 6.4 9.6

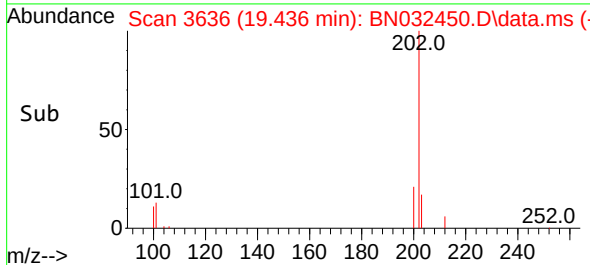
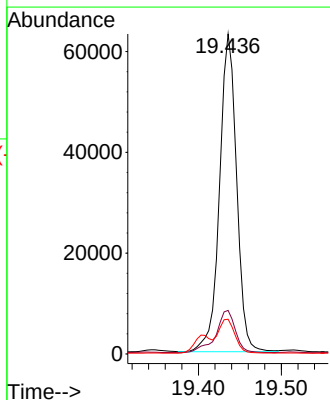
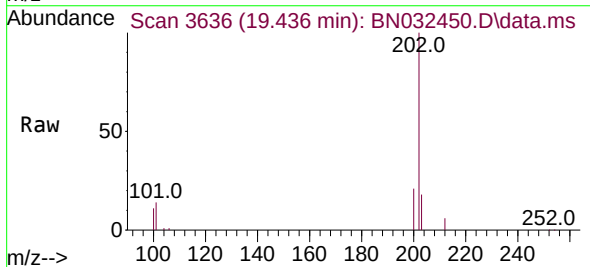
Manual Integrations
APPROVED

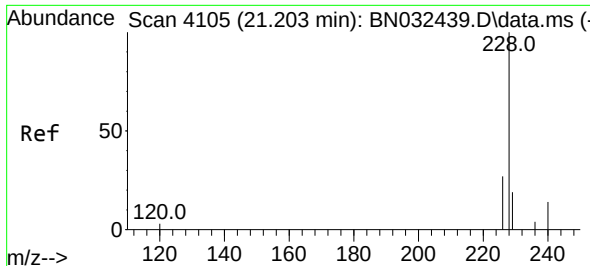
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 1.384 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

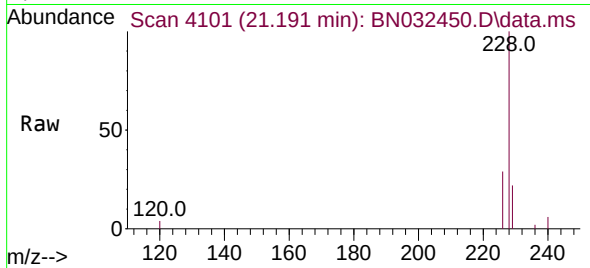
Tgt Ion:202 Resp: 89953
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.986 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

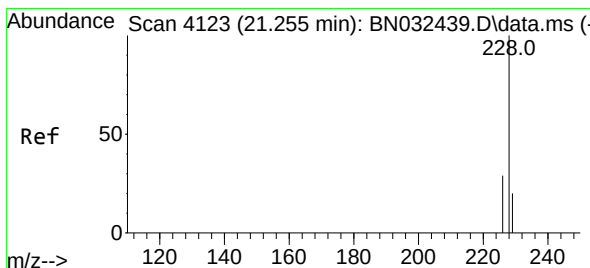
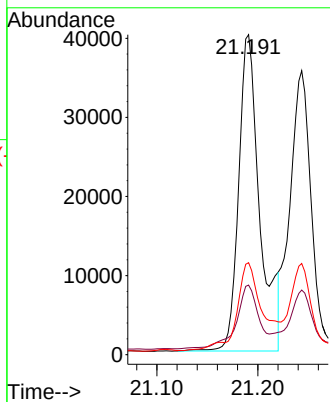
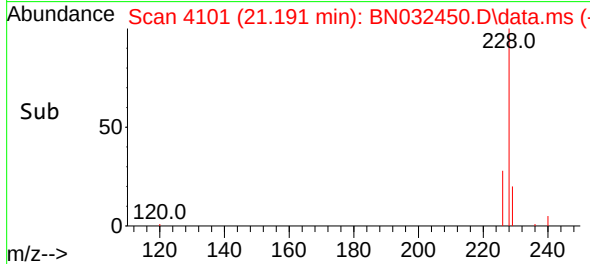
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:228 Resp: 5808
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.8 21.8 32.8

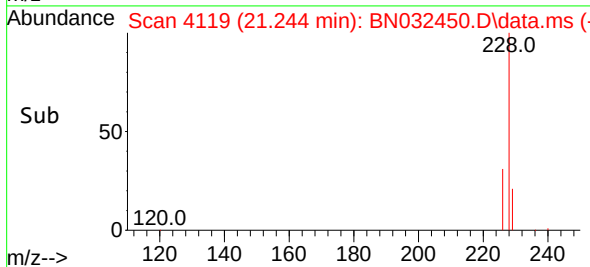
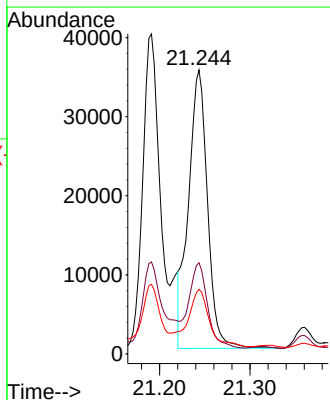
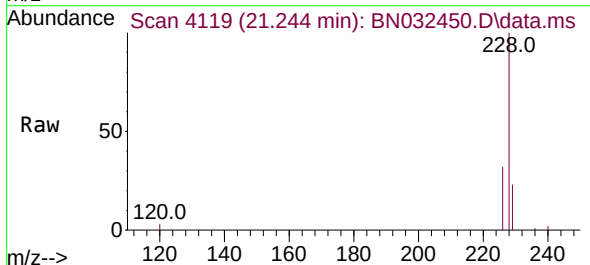
Manual Integrations
APPROVED

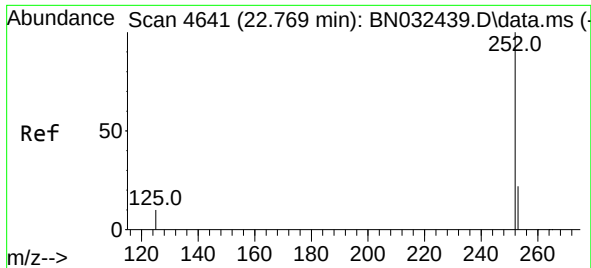
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 0.798 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

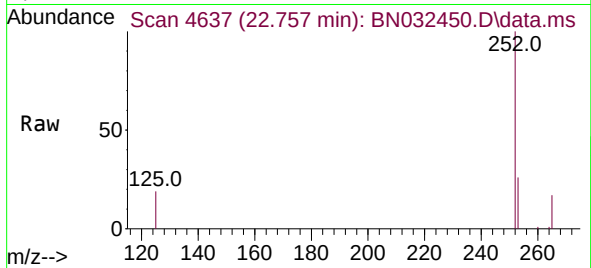
Tgt Ion:228 Resp: 51587
Ion Ratio Lower Upper
228 100
226 32.1 23.6 35.4
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.871 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

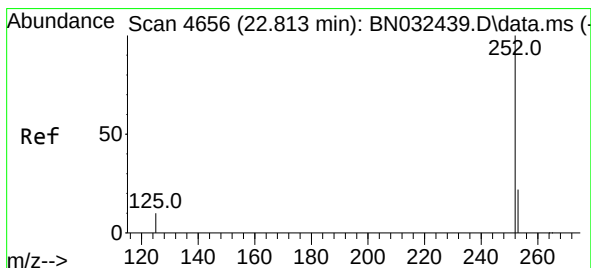
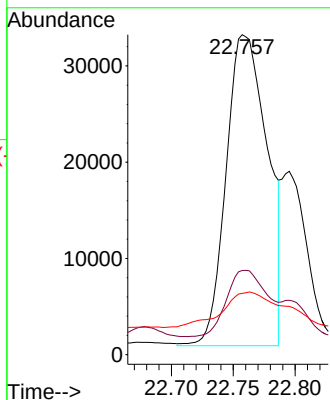
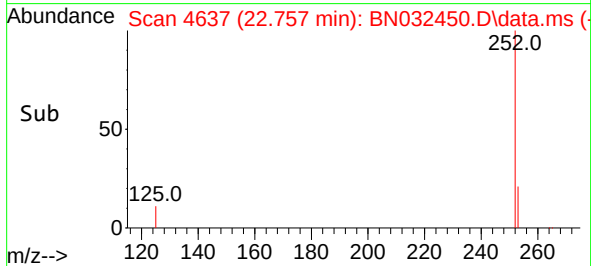
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:252 Resp: 75020
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.2
125 19.1 0.0 32.0

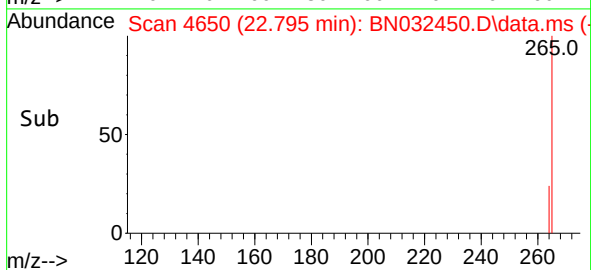
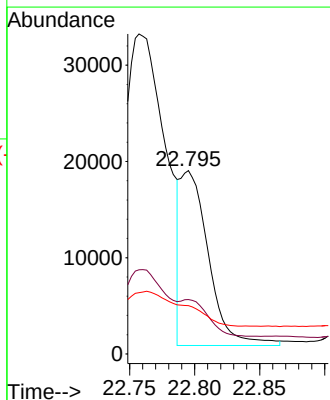
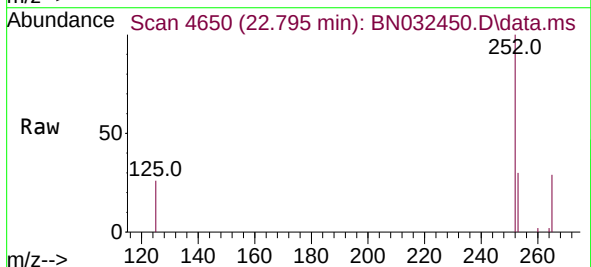
Manual Integrations
APPROVED

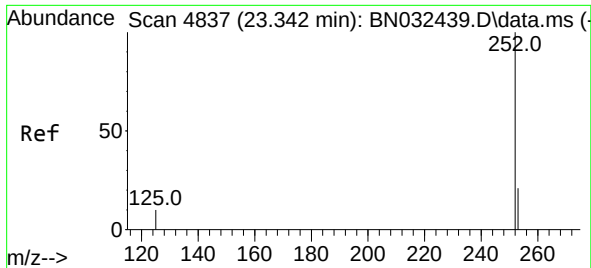
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

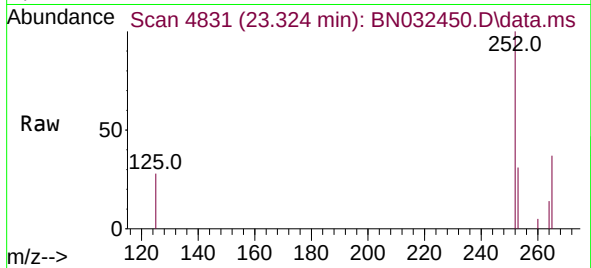
Tgt Ion:252 Resp: 27438
Ion Ratio Lower Upper
252 100
253 29.7 20.3 30.5
125 26.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.324 min Scan# 4837
Delta R.T. -0.003 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

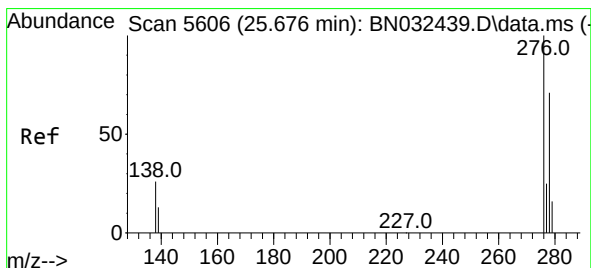
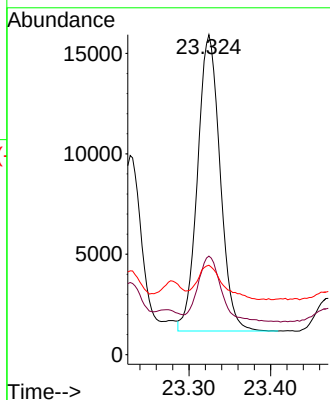
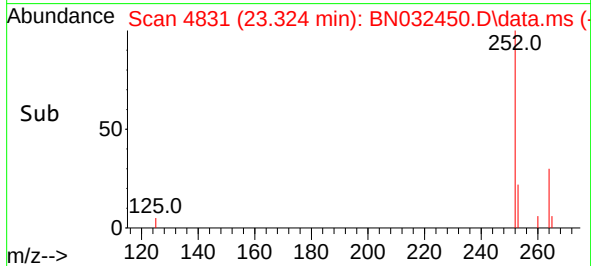
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:252 Resp: 2820
Ion Ratio Lower Upper
252 100
253 30.8 22.2 33.2
125 27.9 16.4 24.6

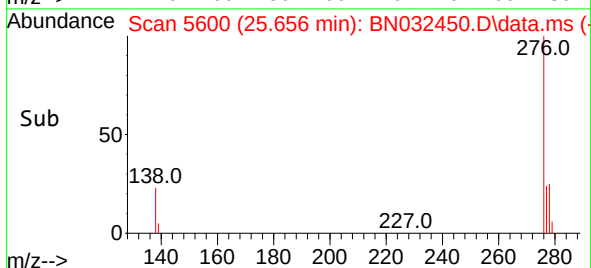
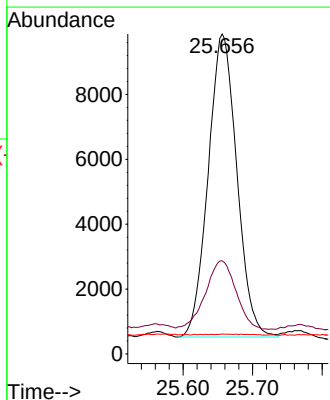
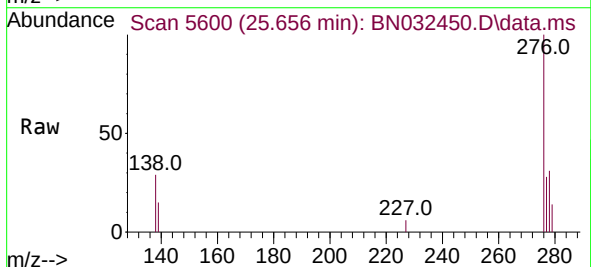
Manual Integrations
APPROVED

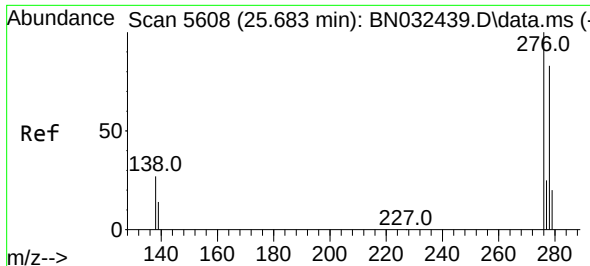
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.003 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

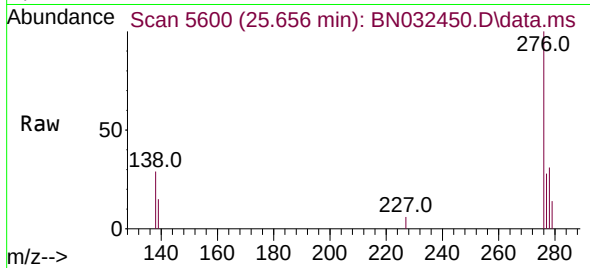
Tgt Ion:276 Resp: 26722
Ion Ratio Lower Upper
276 100
138 24.6 21.3 31.9
227 0.4 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.010 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

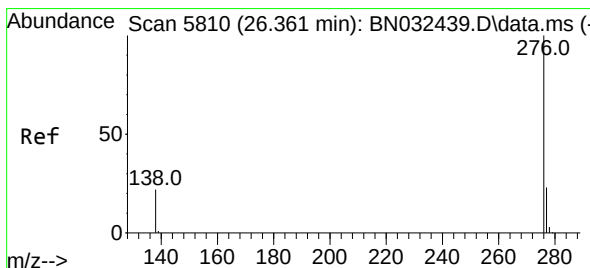
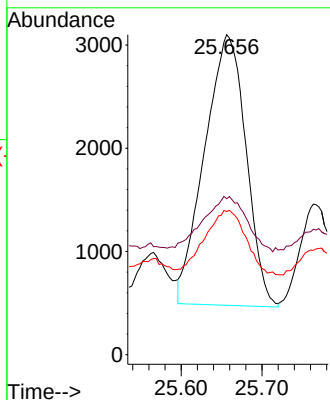
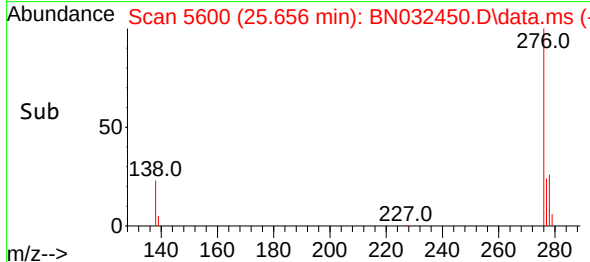
Instrument :
BNA_N
ClientSampleId :
A4B53DL



Tgt Ion:278 Resp: 933
Ion Ratio Lower Upper
278 100
139 48.7 15.9 23.9
279 44.7 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: 0.055 ng/ul
RT: 26.344 min Scan# 5805
Delta R.T. -0.000 min
Lab File: BN032450.D
Acq: 03 Jul 2024 23:35

Tgt Ion:276 Resp: 4094
Ion Ratio Lower Upper
276 100
138 60.8 19.8 29.6#
277 49.8 19.8 29.6#

