

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031550.D
 Acq On : 16 May 2024 15:03
 Operator : MA/JU
 Sample : P2321-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0Y32MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 15:29:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 12:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	14459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	48552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.332	164	27181	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	61467	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	46213	0.400	ng/ul	0.00
23) Perylene-d12	23.497	264	37528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	6221	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	16052	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.110	212	38736	0.302	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	16827	0.927	ng/ul	93
5) Naphthalene	10.530	128	296082	2.280	ng/ul	99
7) 2-Methylnaphthalene	12.147	142	32071	0.391	ng/ul	100
8) 1-Methylnaphthalene	12.367	142	58155	0.671	ng/ul	100
10) Acenaphthylene	14.054	152	62722	0.508	ng/ul	99
11) Acenaphthene	14.397	153	118732	1.264	ng/ul	98
12) Fluorene	15.382	166	124480	1.194	ng/ul	100
14) Pentachlorophenol	16.720	266	3054	0.319	ng/ul	100
15) Phenanthrene	17.117	178	488751	2.717	ng/ul	100
16) Anthracene	17.210	178	116241	0.765	ng/ul	99
19) Fluoranthene	19.138	202	748841	4.358	ng/ul	99
20) Pyrene	19.501	202	644175	3.787	ng/ul	97
21) Benzo(a)anthracene	21.247	228	307626	1.923	ng/ul	94
22) Chrysene	21.299	228	289587	1.677	ng/ul	98
24) Benzo(b)fluoranthene	22.825	252	348692m	2.524	ng/ul	
25) Benzo(k)fluoranthene	22.868	252	165795m	1.108	ng/ul	
26) Benzo(a)pyrene	23.398	252	229506	1.896	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.760	276	162485	1.155	ng/ul	92
28) Dibenzo(a,h)anthracene	25.770	278	52000	0.466	ng/ul	98
29) Benzo(g,h,i)perylene	26.451	276	150448	1.330	ng/ul	99

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

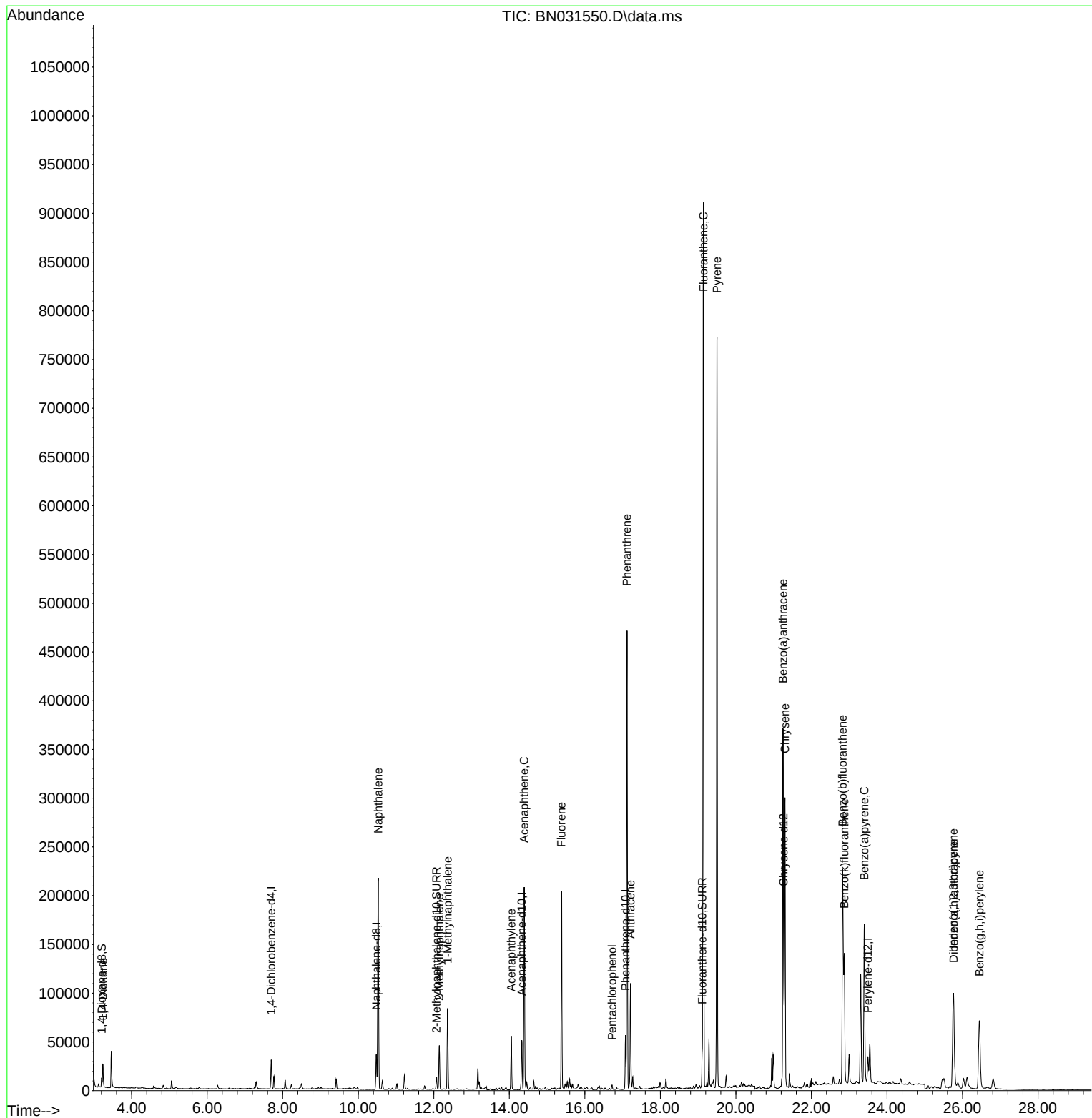
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
Data File : BN031550.D
Acq On : 16 May 2024 15:03
Operator : MA/JU
Sample : P2321-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

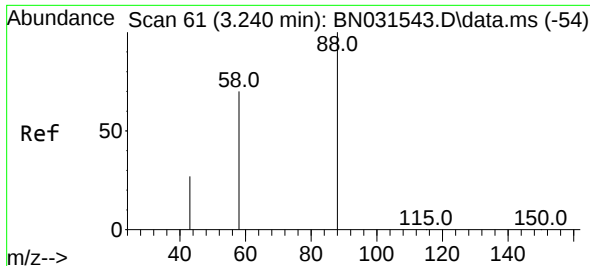
Instrument :
BNA_N
ClientSampleId :
E0Y32MS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

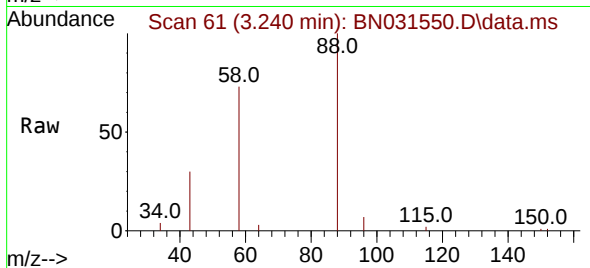
Quant Time: May 16 15:29:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 12:57:23 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.927 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

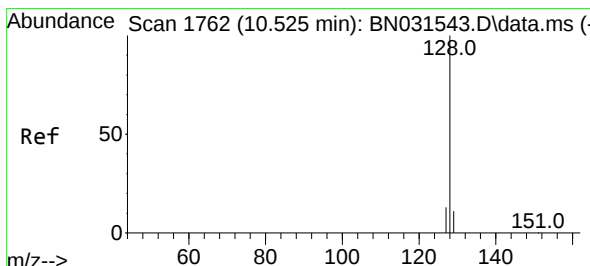
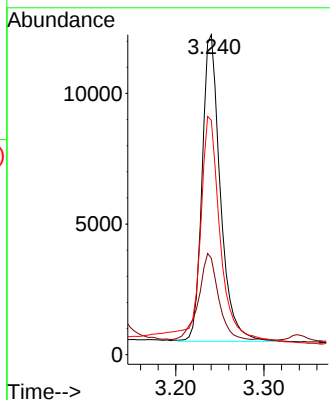
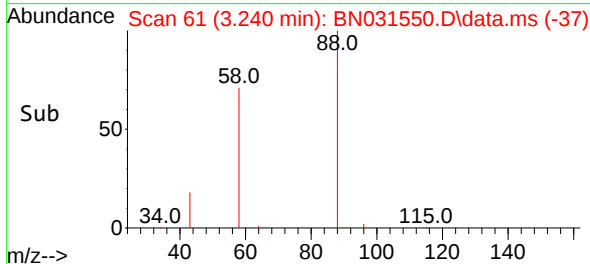
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



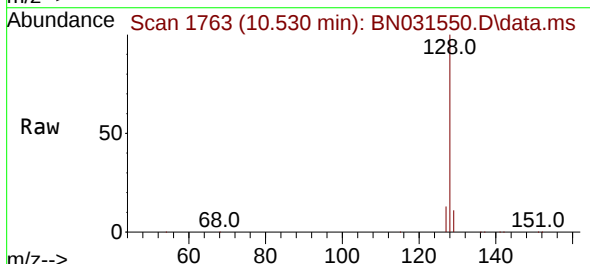
Tgt Ion: 88 Resp: 1682
Ion Ratio Lower Upper
88 100
43 30.1 23.3 34.9
58 73.3 53.0 79.4

Manual Integrations
APPROVED

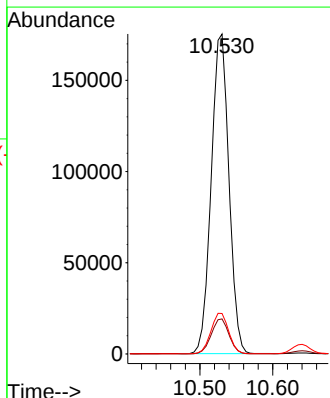
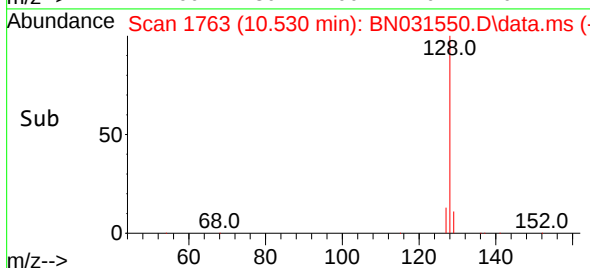
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

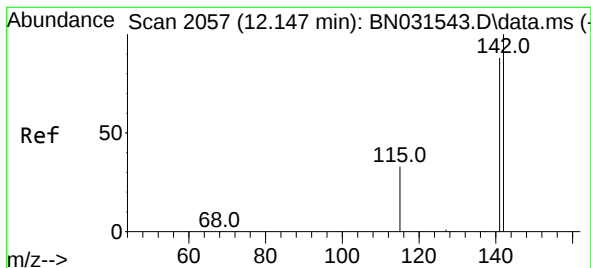


#5
Naphthalene
Concen: 2.280 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



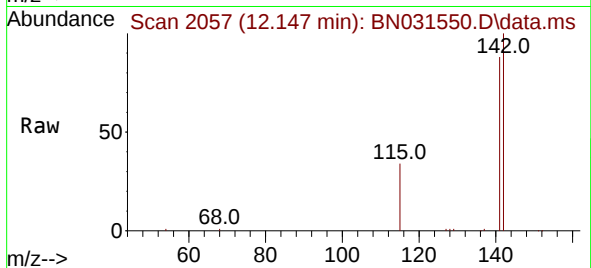
Tgt Ion:128 Resp: 296082
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.4 15.6





#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

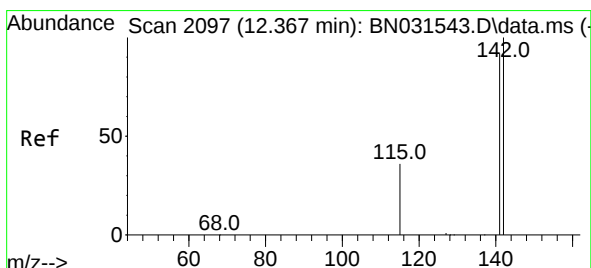
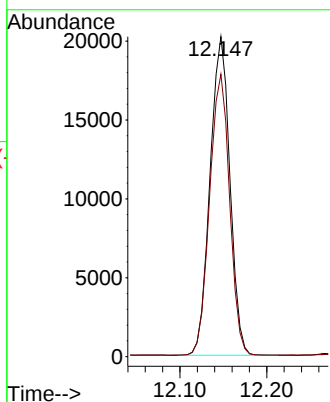
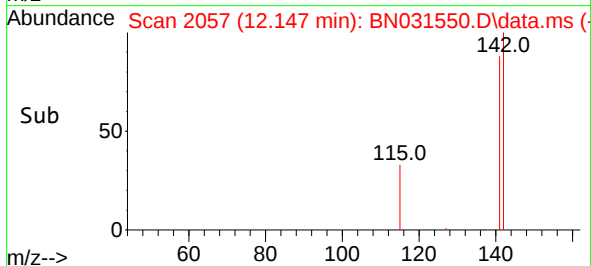
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



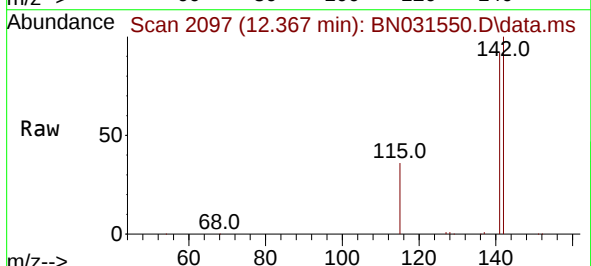
Tgt Ion:142 Resp: 3207
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

Manual Integrations
APPROVED

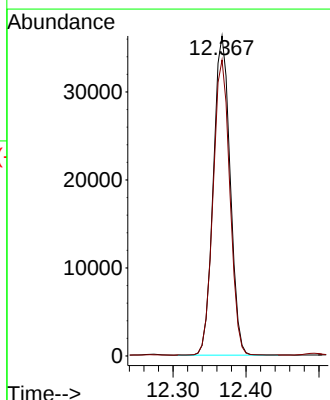
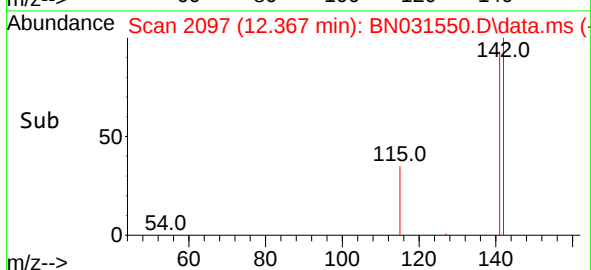
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

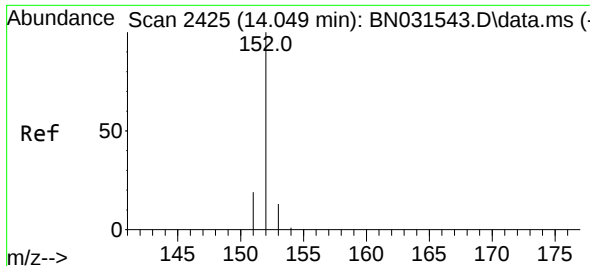


#8
1-Methylnaphthalene
Concen: 0.671 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



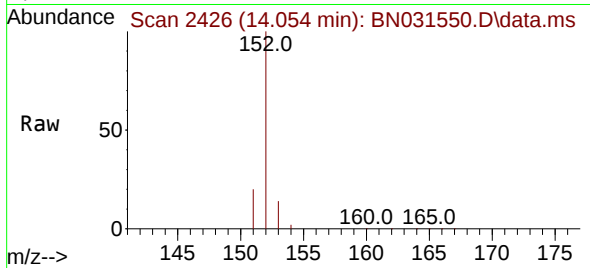
Tgt Ion:142 Resp: 58155
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2





#10
Acenaphthylene
Concen: 0.508 ng/u1
RT: 14.054 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

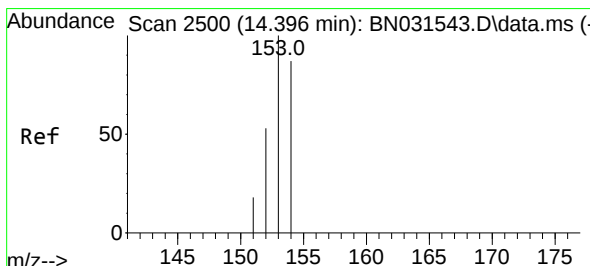
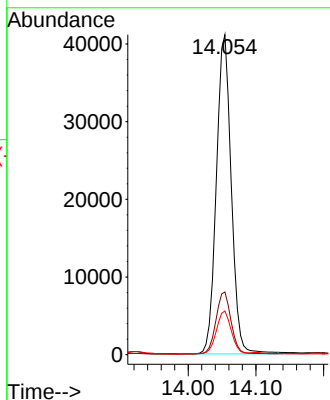
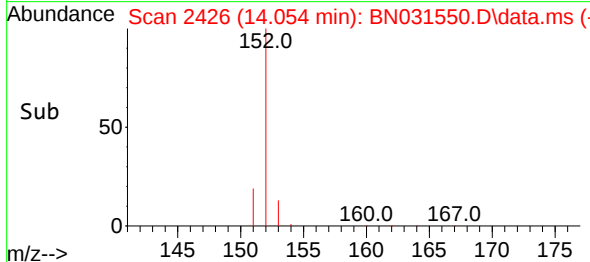
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



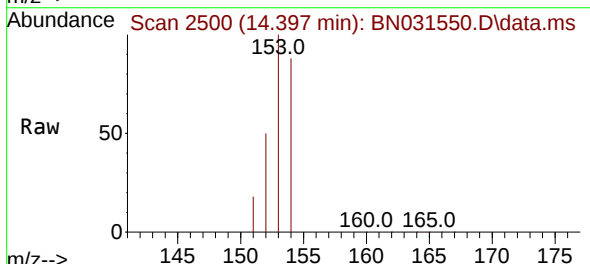
Tgt Ion:152 Resp: 62722
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.7 10.5 15.7

Manual Integrations
APPROVED

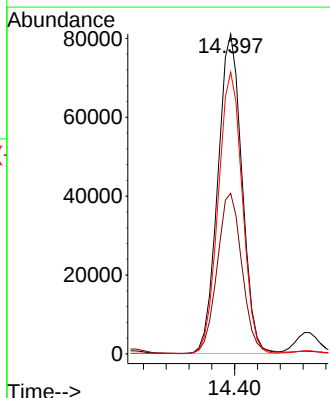
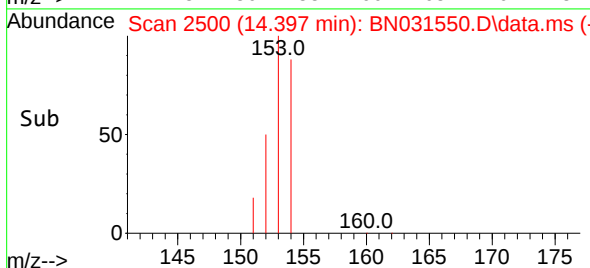
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

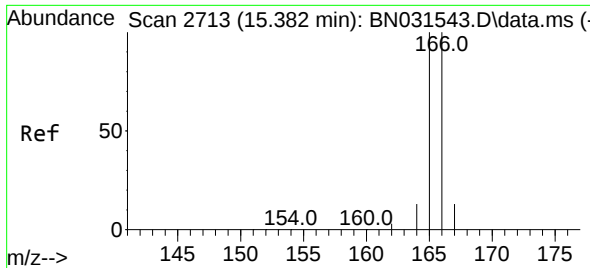


#11
Acenaphthene
Concen: 1.264 ng/u1
RT: 14.397 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



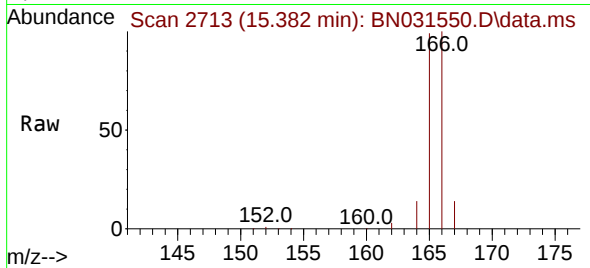
Tgt Ion:153 Resp: 118732
Ion Ratio Lower Upper
153 100
152 50.2 42.6 64.0
154 88.1 70.0 105.0





#12
Fluorene
Concen: 1.194 ng/ul
RT: 15.382 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

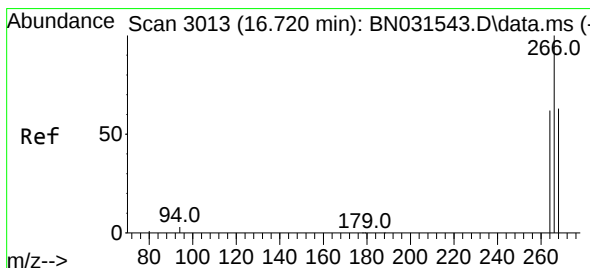
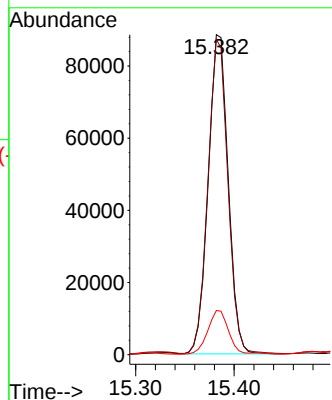
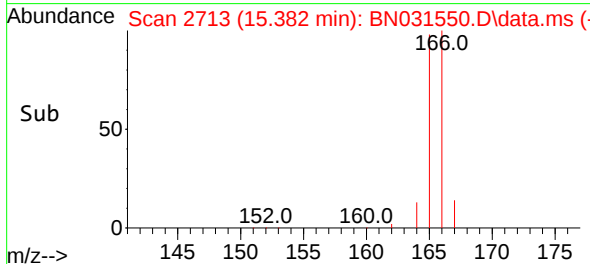
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



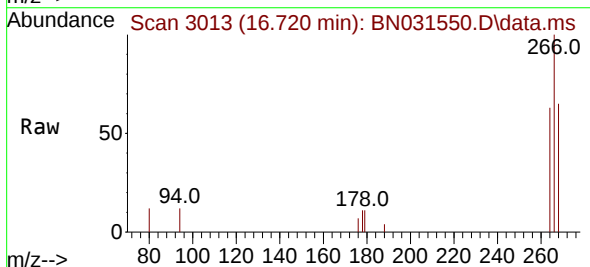
Tgt Ion:166 Resp: 124480
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 13.8 10.9 16.3

Manual Integrations
APPROVED

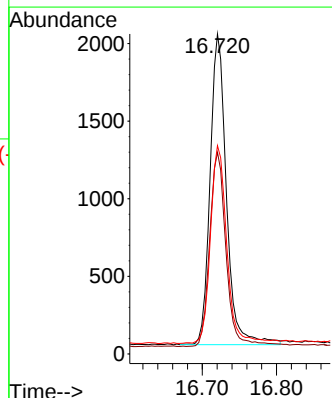
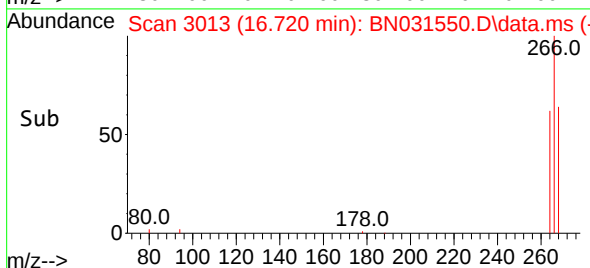
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

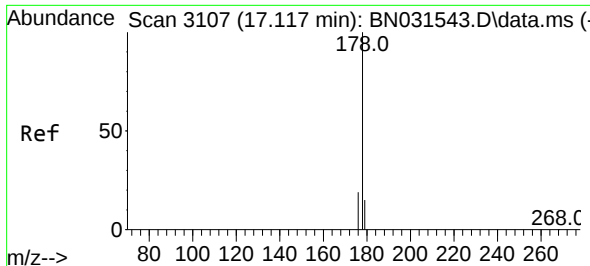


#14
Pentachlorophenol
Concen: 0.319 ng/ul
RT: 16.720 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



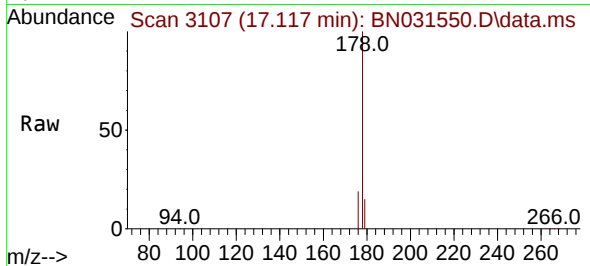
Tgt Ion:266 Resp: 3054
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 64.1 51.1 76.7





#15
Phenanthrene
Concen: 2.717 ng/ul
RT: 17.117 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

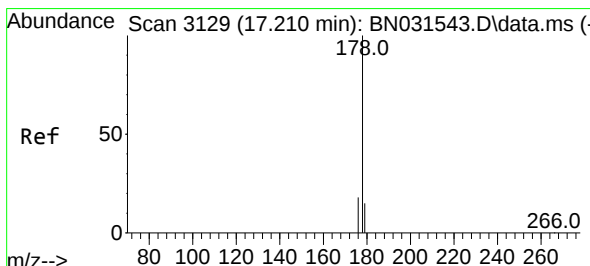
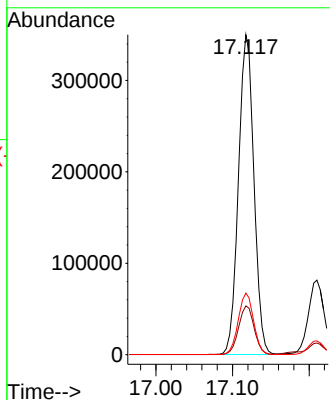
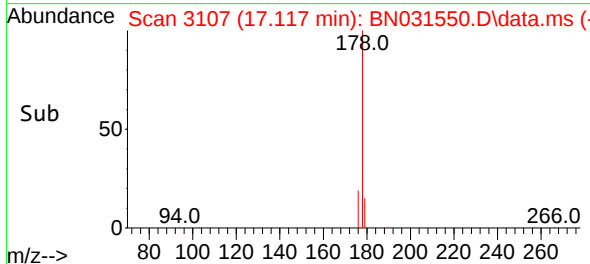
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



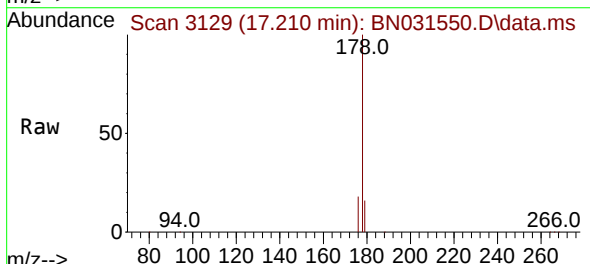
Tgt Ion:178 Resp: 48875
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.3 15.4 23.0

Manual Integrations
APPROVED

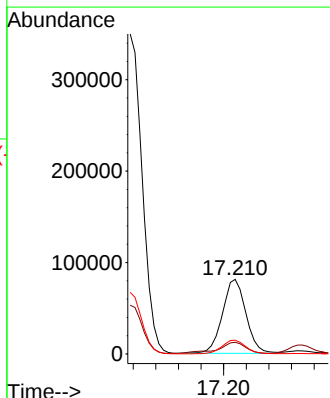
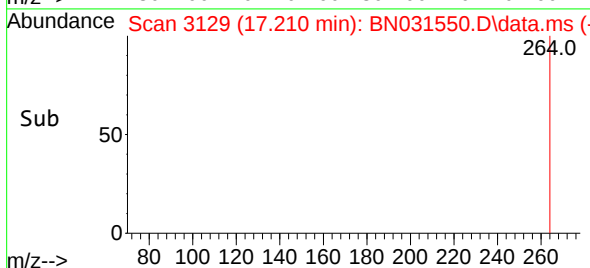
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

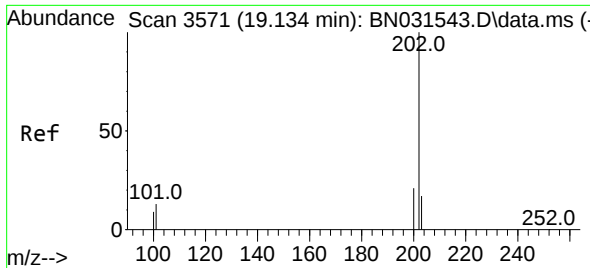


#16
Anthracene
Concen: 0.765 ng/ul
RT: 17.210 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



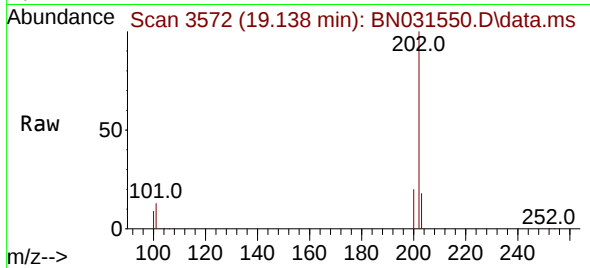
Tgt Ion:178 Resp: 116241
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.5 14.9 22.3





#19
Fluoranthene
Concen: 4.358 ng/u1
RT: 19.138 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

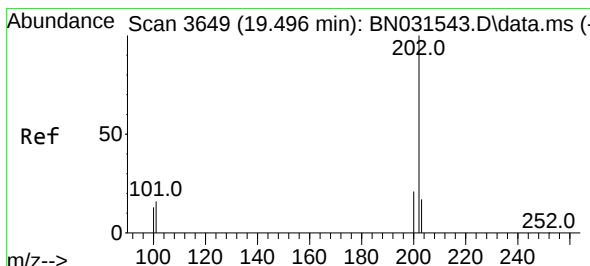
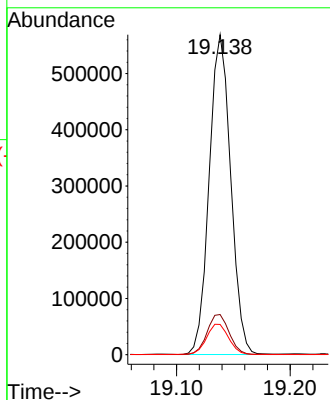
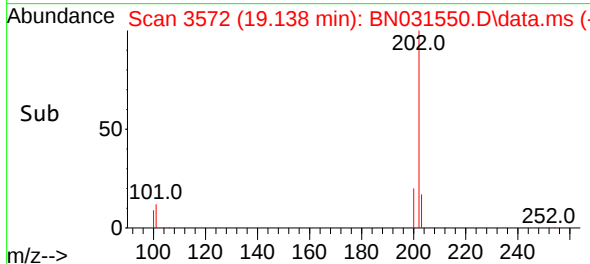
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



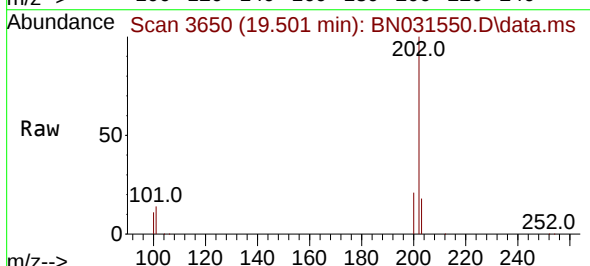
Tgt Ion:202 Resp: 74884
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.5 7.7 11.5

Manual Integrations
APPROVED

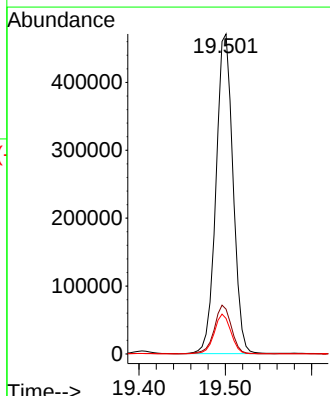
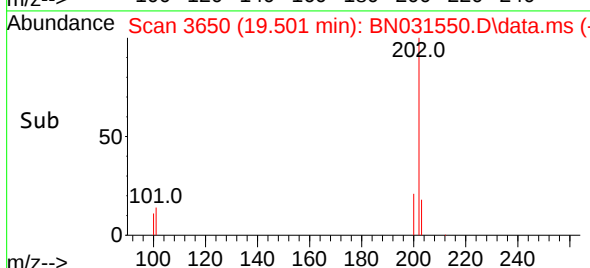
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

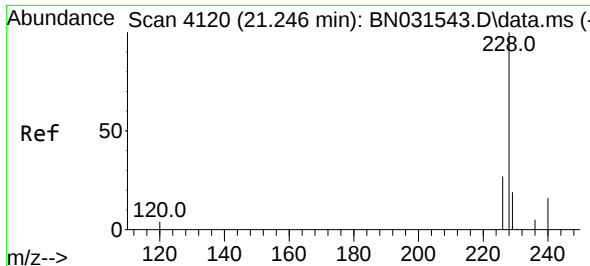


#20
Pyrene
Concen: 3.787 ng/u1
RT: 19.501 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



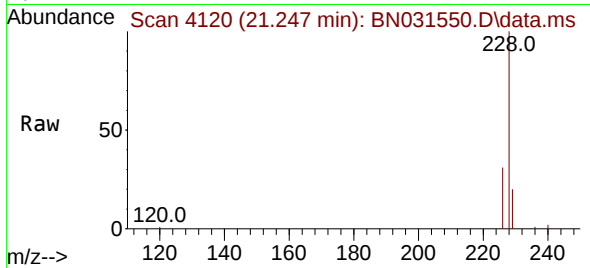
Tgt Ion:202 Resp: 644175
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.1 9.7 14.5





#21
Benzo(a)anthracene
Concen: 1.923 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. -0.003 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

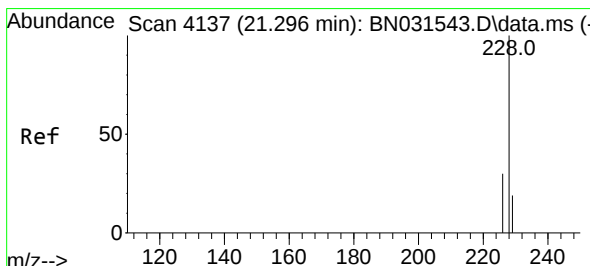
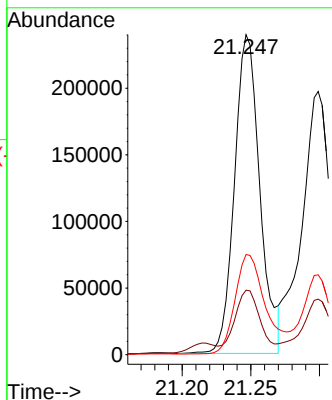
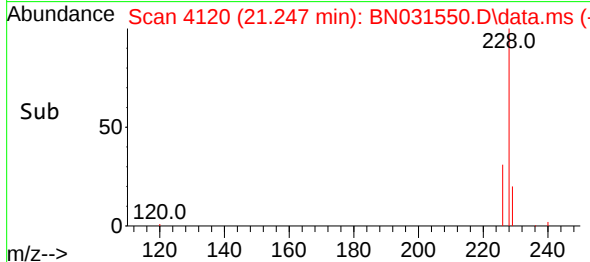
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



Tgt Ion:228 Resp: 307620
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.0
226 31.3 21.5 32.3

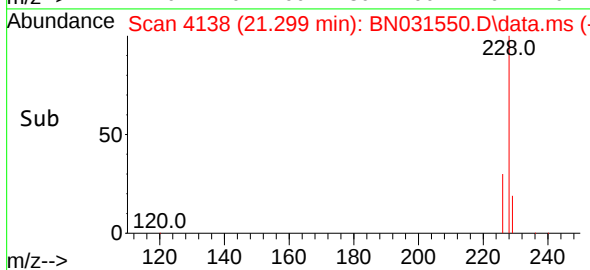
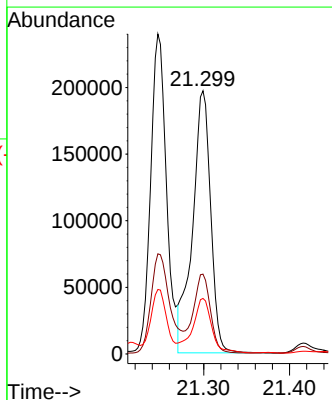
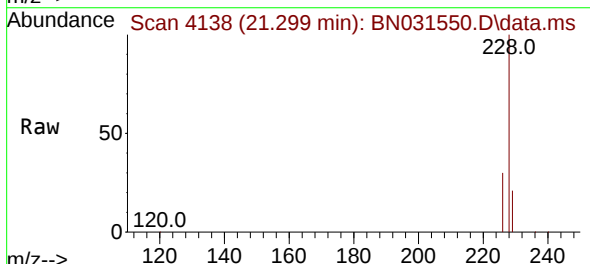
Manual Integrations
APPROVED

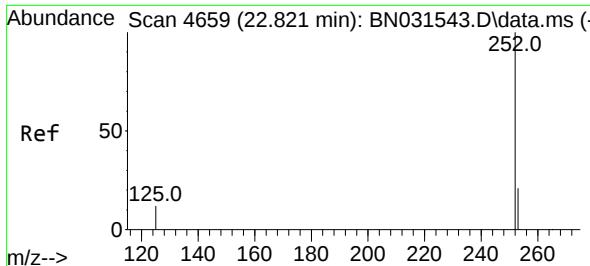
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#22
Chrysene
Concen: 1.677 ng/ul
RT: 21.299 min Scan# 4138
Delta R.T. -0.003 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

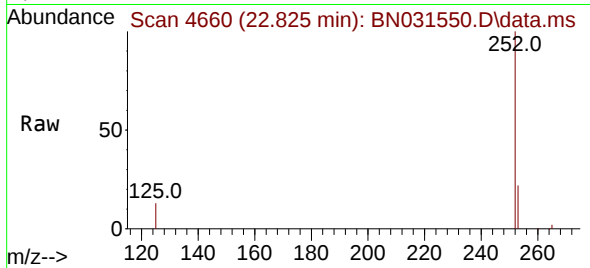
Tgt Ion:228 Resp: 289587
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 21.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.524 ng/ul m
RT: 22.825 min Scan# 4660
Delta R.T. -0.003 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

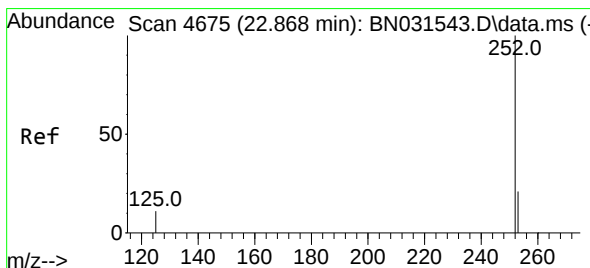
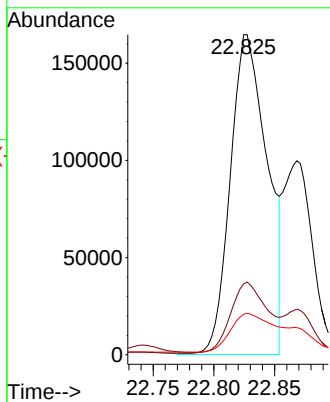
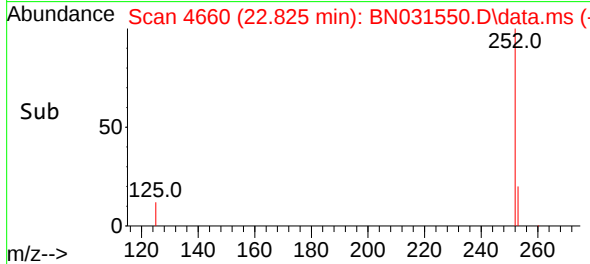
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



Tgt Ion:252 Resp: 348692
Ion Ratio Lower Upper
252 100
253 22.1 0.0 44.8
125 12.7 0.0 27.4

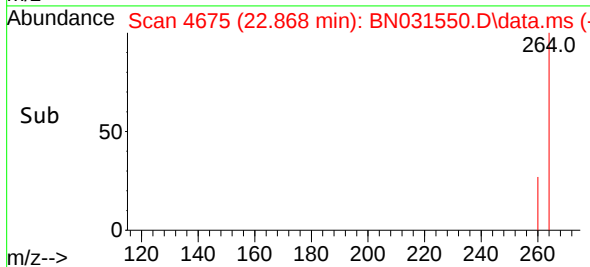
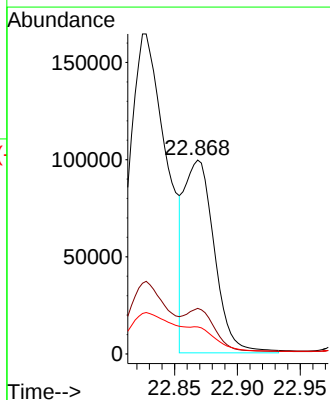
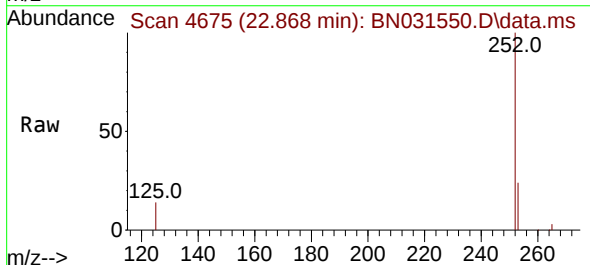
Manual Integrations
APPROVED

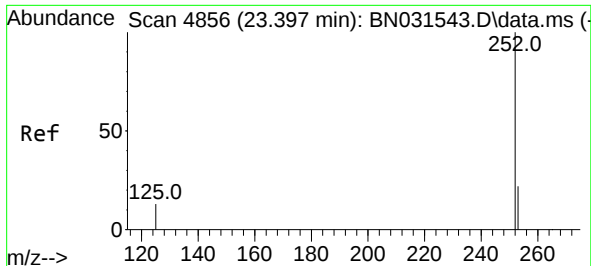
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.108 ng/ul m
RT: 22.868 min Scan# 4675
Delta R.T. -0.006 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

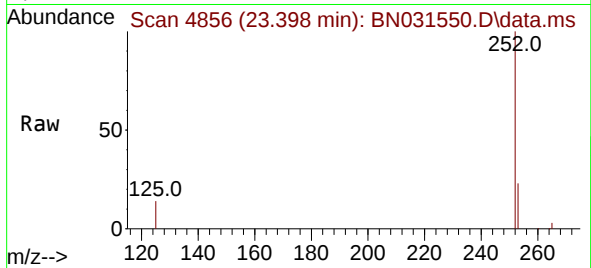
Tgt Ion:252 Resp: 165795
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 13.9 10.6 16.0





#26
Benzo(a)pyrene
Concen: 1.896 ng/ul
RT: 23.398 min Scan# 4856
Delta R.T. -0.006 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

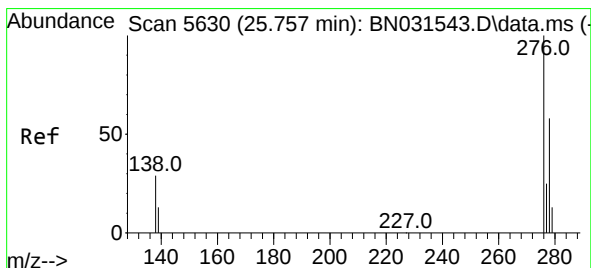
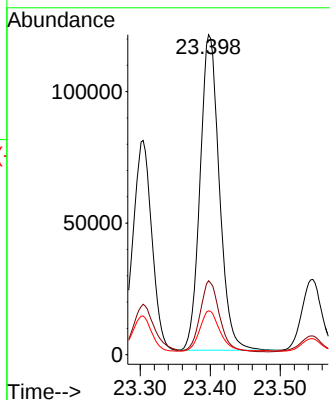
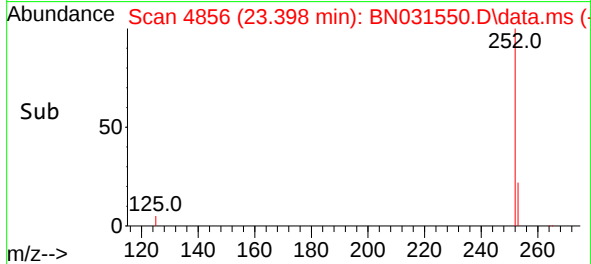
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



Tgt Ion:252 Resp: 229500
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 13.7 12.3 18.5

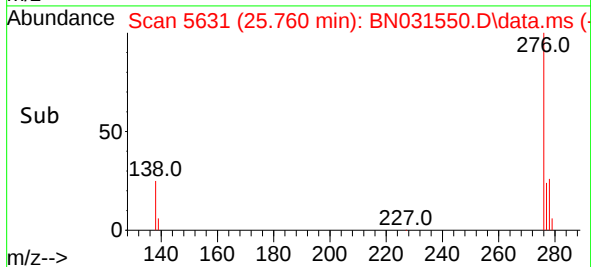
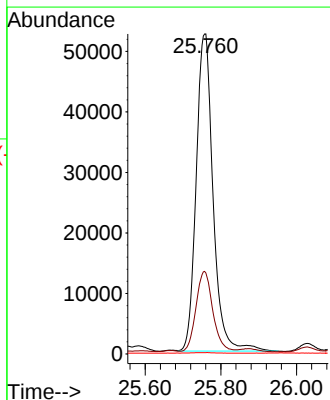
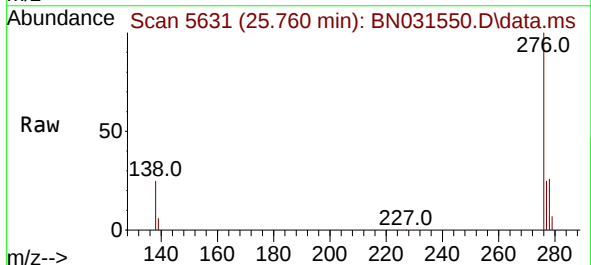
Manual Integrations
APPROVED

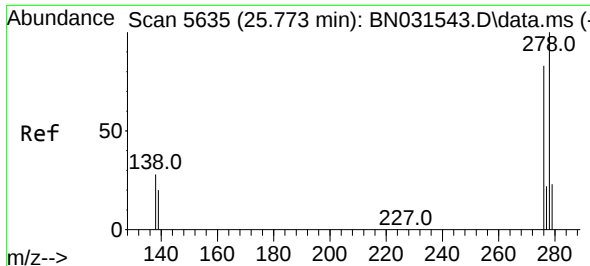
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.155 ng/ul
RT: 25.760 min Scan# 5631
Delta R.T. -0.007 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

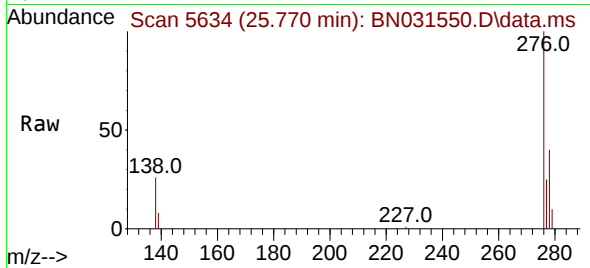
Tgt Ion:276 Resp: 162485
Ion Ratio Lower Upper
276 100
138 26.4 24.8 37.2
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 25.770 min Scan# 5635
Delta R.T. -0.010 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03

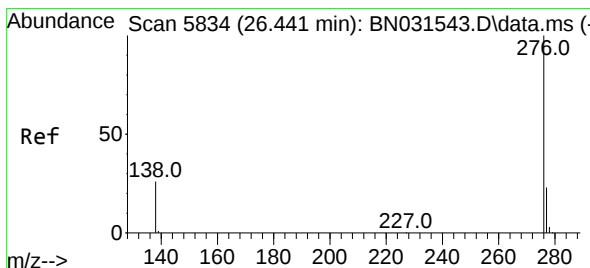
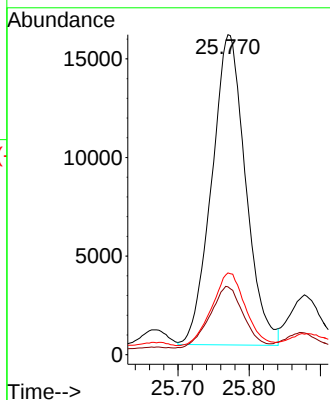
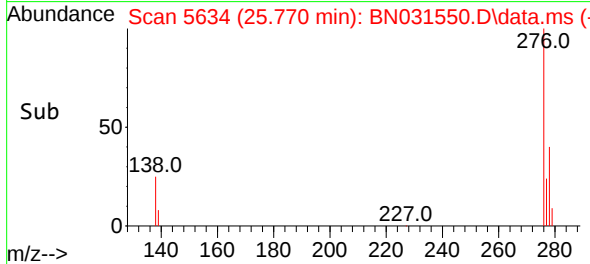
Instrument :
BNA_N
ClientSampleId :
E0Y32MS



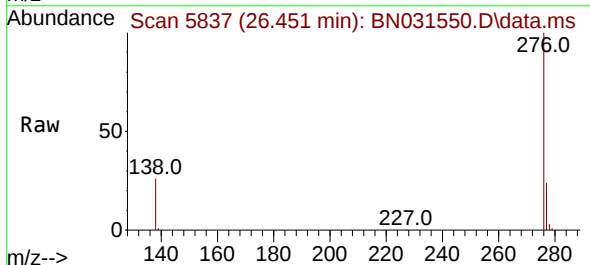
Tgt Ion: 278 Resp: 52000
Ion Ratio Lower Upper
278 100
139 21.2 16.7 25.1
279 25.6 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#29
Benzo(g,h,i)perylene
Concen: 1.330 ng/ul
RT: 26.451 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BN031550.D
Acq: 16 May 2024 15:03



Tgt Ion: 276 Resp: 150448
Ion Ratio Lower Upper
276 100
138 25.6 21.4 32.2
277 23.9 19.2 28.8

