

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031549.D
 Acq On : 16 May 2024 14:18
 Operator : MA/JU
 Sample : P2321-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0Y32DL

Manual Integrations
 APPROVED

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

Quant Time: May 16 14:44:33 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	7.700	152	13561	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	45249	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.332	164	24525	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	56085	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	42565	0.400	ng/ul	0.00
23) Perylene-d12	23.494	264	31589m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	11521	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	3043	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.106	212	6804	0.058	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.530	128	50400	0.416	ng/ul	99
7) 2-Methylnaphthalene	12.147	142	2283	0.030	ng/ul	98
8) 1-Methylnaphthalene	12.367	142	7413	0.092	ng/ul	100
10) Acenaphthylene	14.049	152	4781	0.043	ng/ul#	93
11) Acenaphthene	14.396	153	17690	0.209	ng/ul	99
12) Fluorene	15.382	166	18211	0.194	ng/ul	97
15) Phenanthrene	17.117	178	65167	0.397	ng/ul	100
16) Anthracene	17.206	178	12243	0.088	ng/ul	97
19) Fluoranthene	19.134	202	82236	0.520	ng/ul	99
20) Pyrene	19.496	202	72304	0.462	ng/ul	99
21) Benzo(a)anthracene	21.243	228	26117	0.177	ng/ul	94
22) Chrysene	21.296	228	28315	0.178	ng/ul	97
24) Benzo(b)fluoranthene	22.824	252	34399m	0.296	ng/ul	
25) Benzo(k)fluoranthene	22.862	252	14625m	0.116	ng/ul	
26) Benzo(a)pyrene	23.397	252	21775	0.214	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.750	276	13498	0.114	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.760	278	2934	0.031	ng/ul#	64
29) Benzo(g,h,i)perylene	26.441	276	13267	0.139	ng/ul	97

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

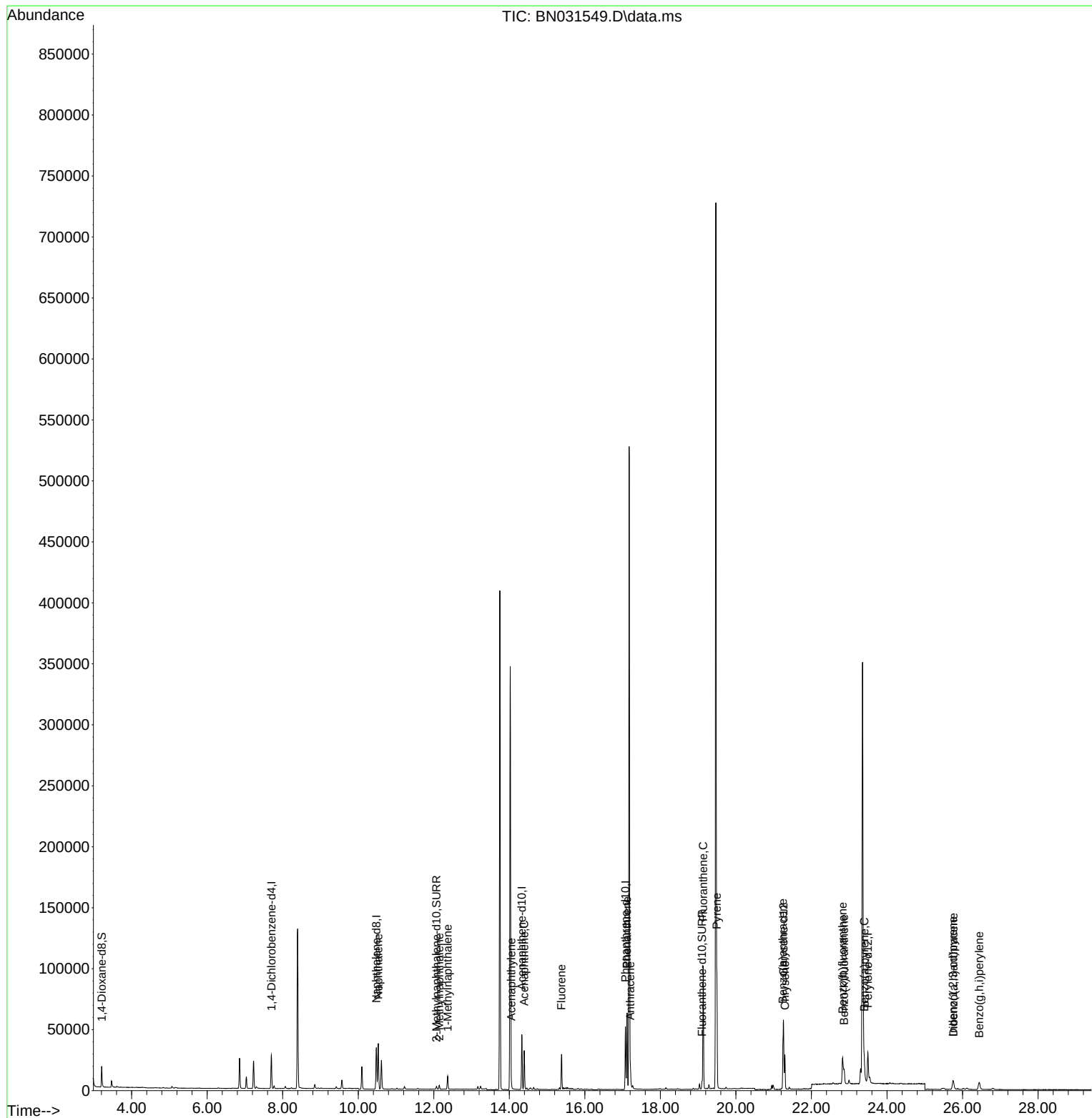
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
Data File : BN031549.D
Acq On : 16 May 2024 14:18
Operator : MA/JU
Sample : P2321-01DL 5X
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ALS Vial : 8 Sample Multiplier: 1

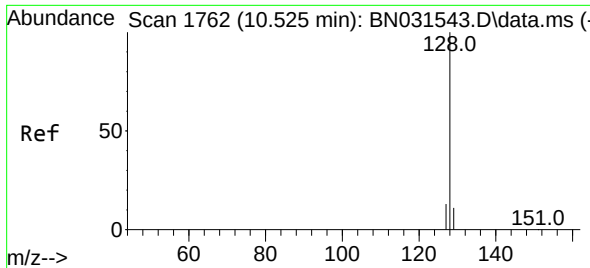
Instrument :
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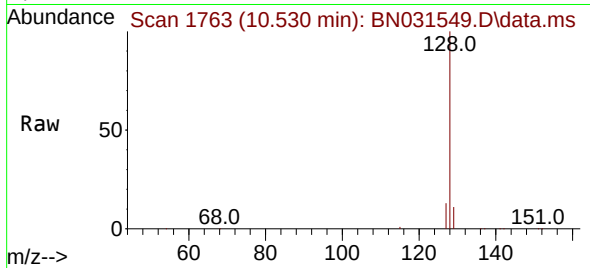
Quant Time: May 16 14:44:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 12:57:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

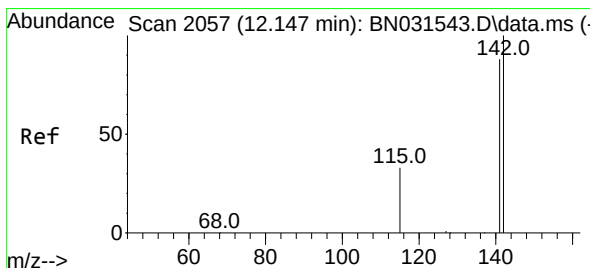
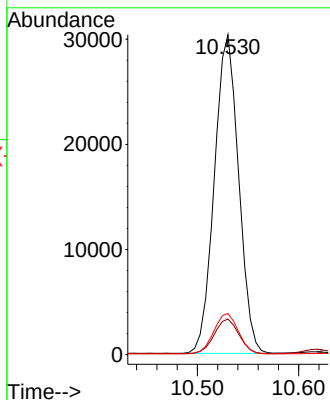
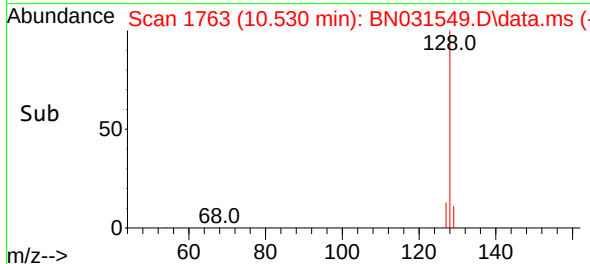
Instrument :
BNA_N
ClientSampleId :
E0Y32DL



Tgt Ion:128 Resp: 50400
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.8 10.4 15.6

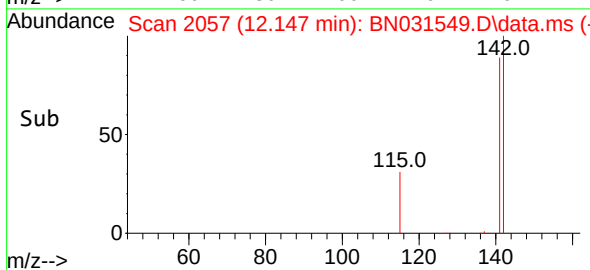
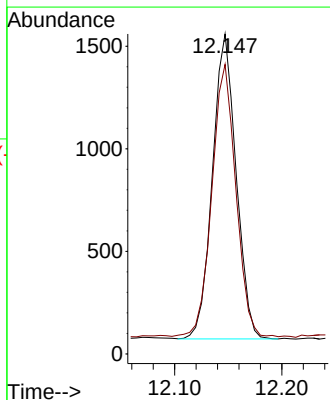
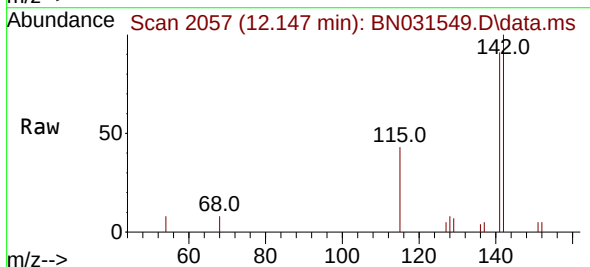
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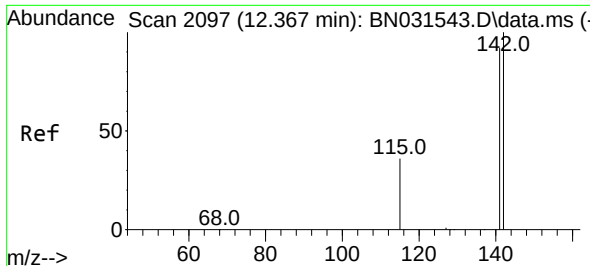
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

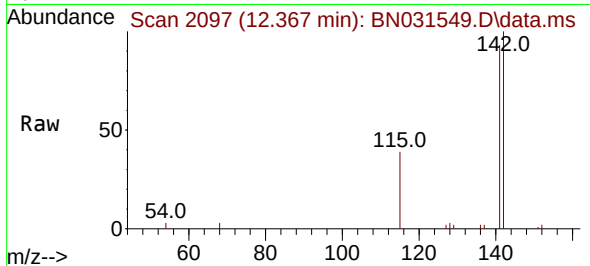
Tgt Ion:142 Resp: 2283
Ion Ratio Lower Upper
142 100
141 91.0 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

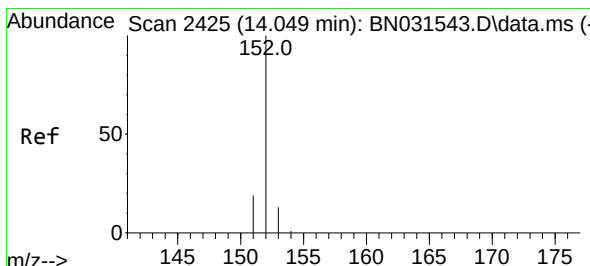
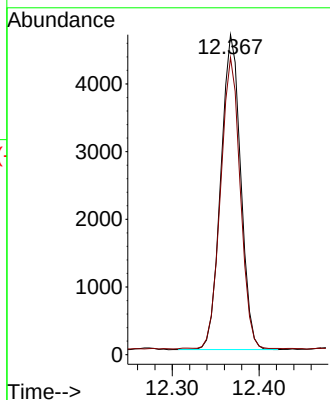
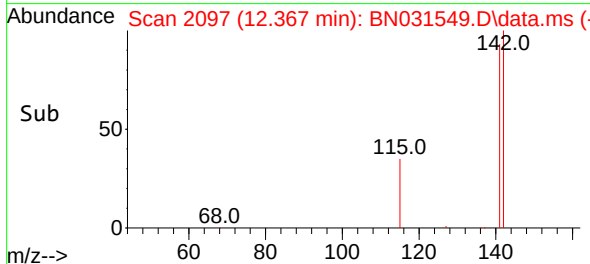
Instrument :
BNA_N
ClientSampleId :
E0Y32DL



Tgt Ion:142 Resp: 741
Ion Ratio Lower Upper
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141 91.8 73.4 110.2

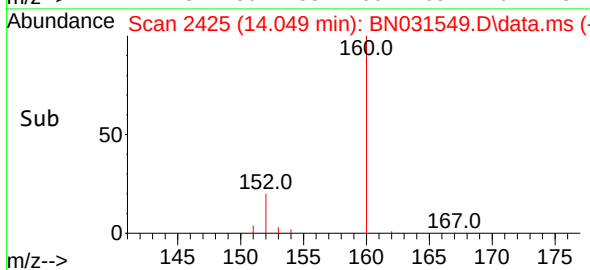
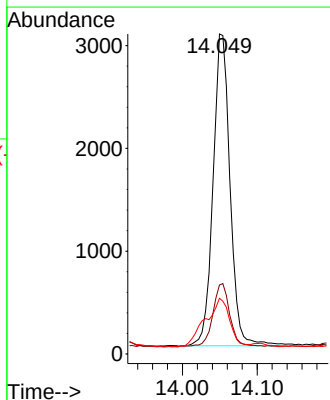
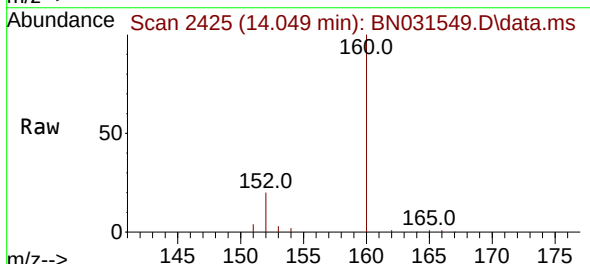
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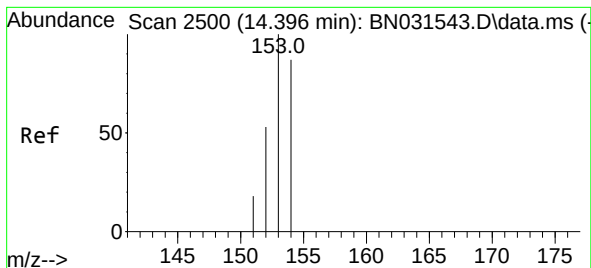
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.049 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

Tgt Ion:152 Resp: 4781
Ion Ratio Lower Upper
152 100
151 21.6 15.8 23.8
153 17.4 10.5 15.7#





#11

Acenaphthene

Concen: 0.209 ng/ul

RT: 14.396 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BN031549.D

Acq: 16 May 2024 14:18

Instrument :

BNA_N

ClientSampleId :

E0Y32DL

Tgt Ion:153 Resp: 17690

Ion Ratio Lower Upper

153 100

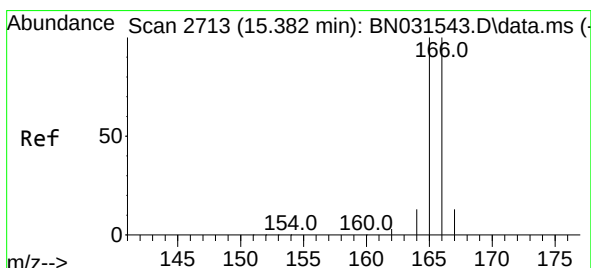
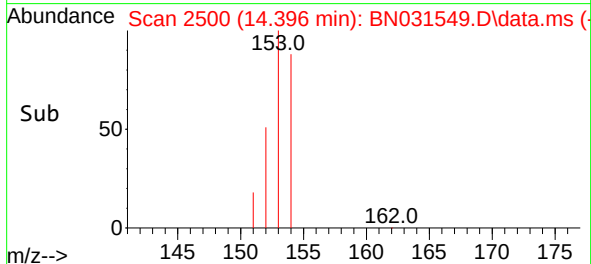
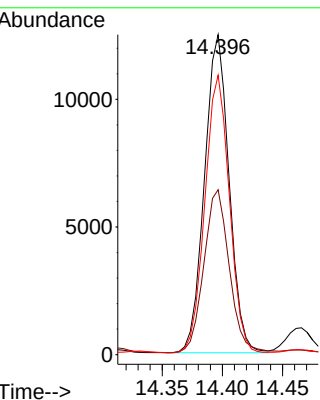
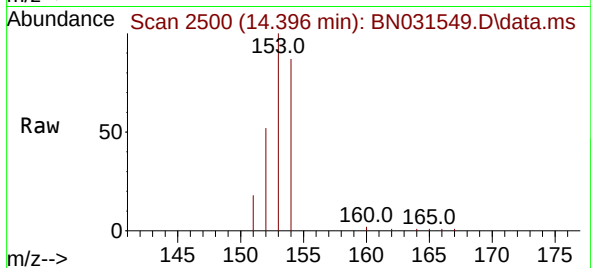
152 51.5 42.6 64.0

154 87.4 70.0 105.0

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Supervised By :mohammad ahmed 05/18/2024



#12

Fluorene

Concen: 0.194 ng/ul

RT: 15.382 min Scan# 2713

Delta R.T. -0.005 min

Lab File: BN031549.D

Acq: 16 May 2024 14:18

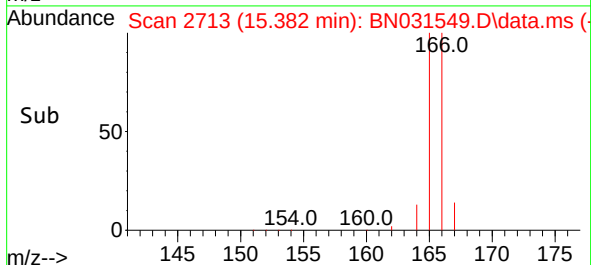
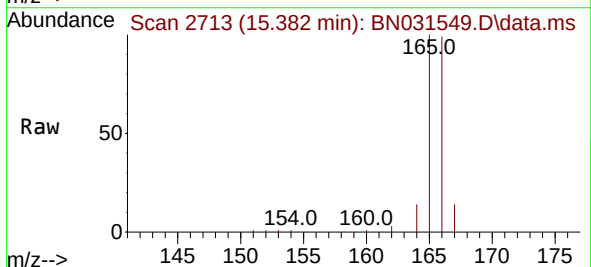
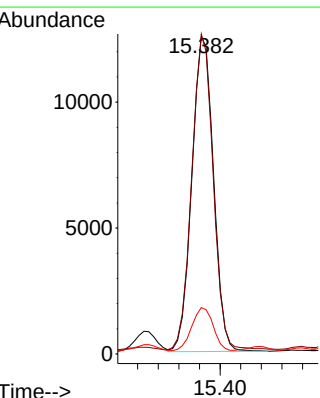
Tgt Ion:166 Resp: 18211

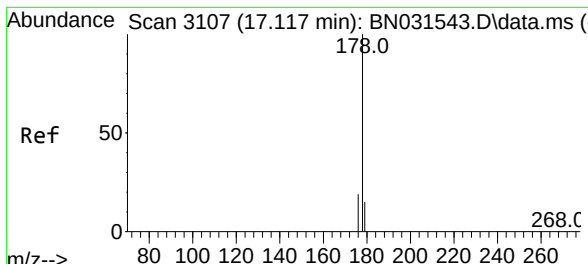
Ion Ratio Lower Upper

166 100

165 100.8 78.6 117.8

167 14.6 10.9 16.3





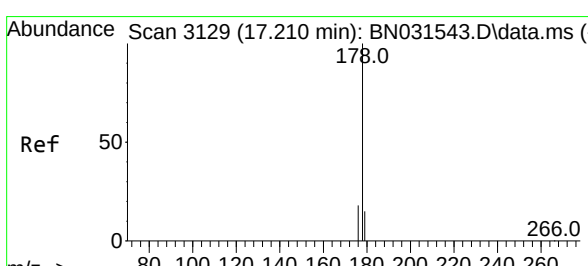
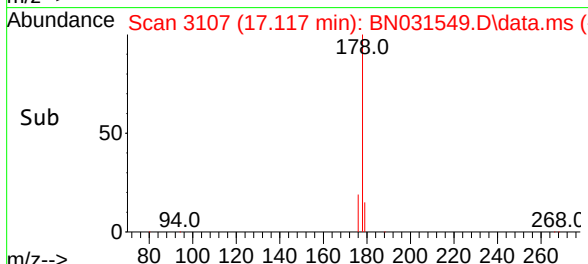
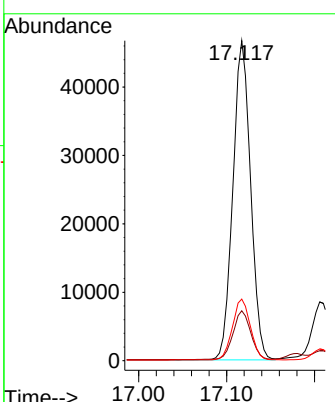
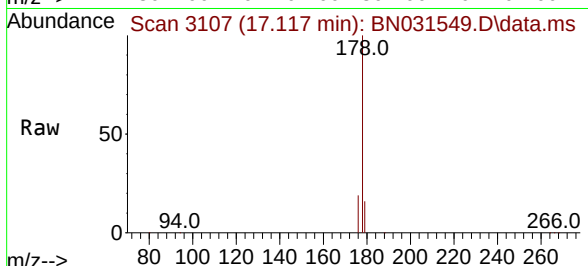
#15
 Phenanthrene
 Concen: 0.397 ng/ul
 RT: 17.117 min Scan# 3107
 Delta R.T. -0.004 min
 Lab File: BN031549.D
 Acq: 16 May 2024 14:18

Instrument : BNA_N
 ClientSampleId : E0Y32DL

Tgt Ion:178 Resp: 6516

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	19.2	15.4	23.0

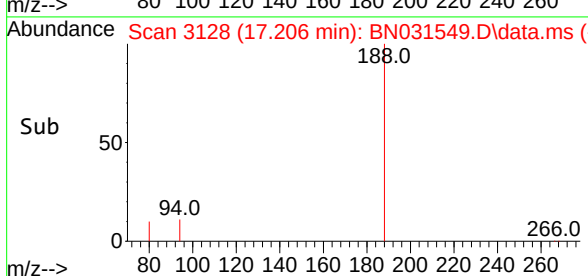
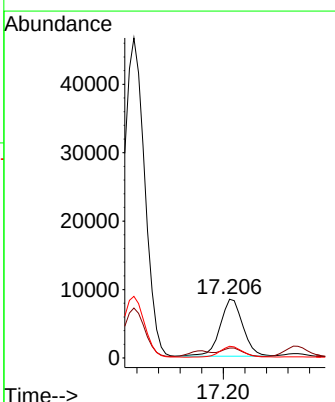
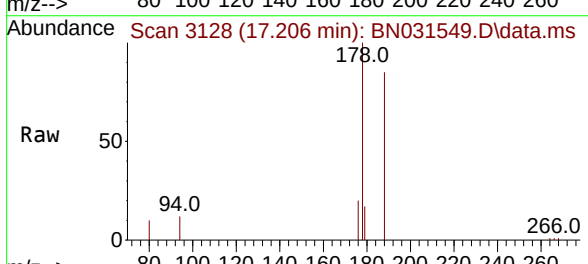
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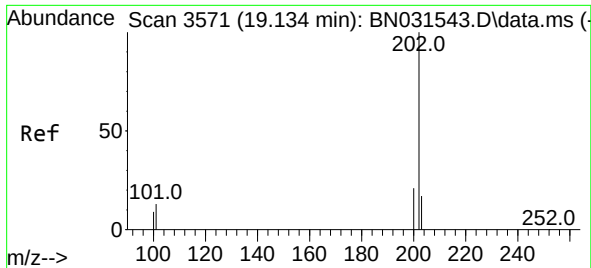


#16
 Anthracene
 Concen: 0.088 ng/ul
 RT: 17.206 min Scan# 3128
 Delta R.T. -0.004 min
 Lab File: BN031549.D
 Acq: 16 May 2024 14:18

Tgt Ion:178 Resp: 12243

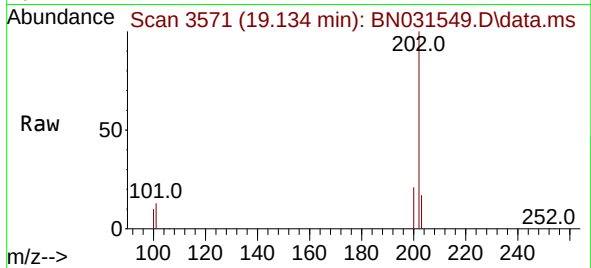
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	19.9	14.9	22.3





#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.134 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

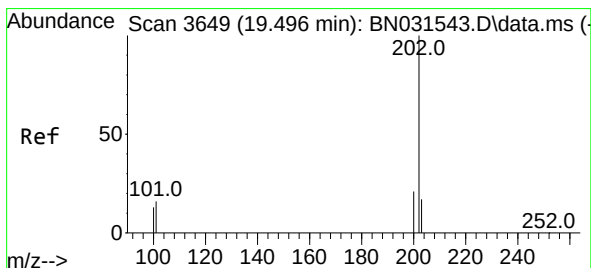
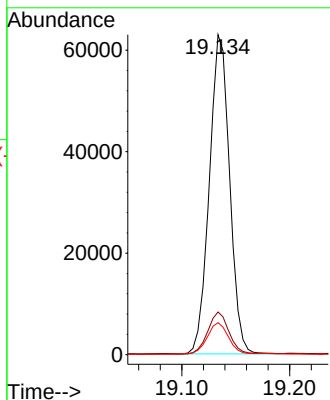
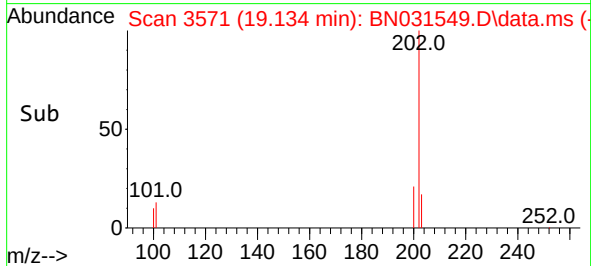
Instrument :
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E0Y32DL



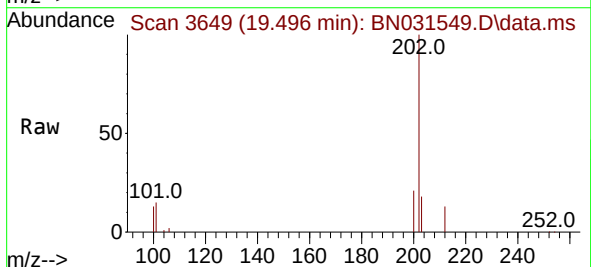
Tgt Ion:202 Resp: 82230
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.4
100 10.0 7.7 11.5

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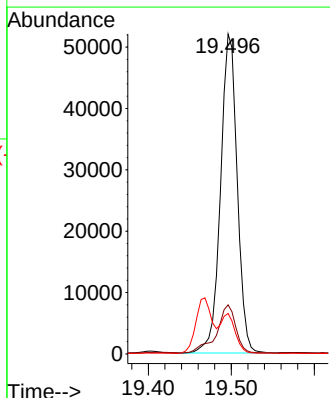
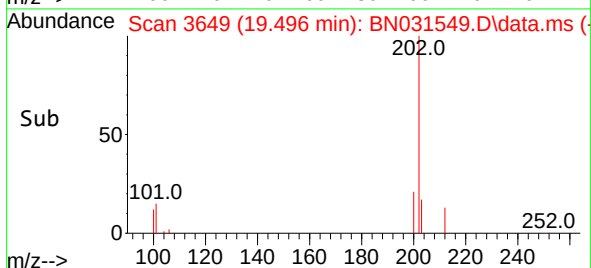
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

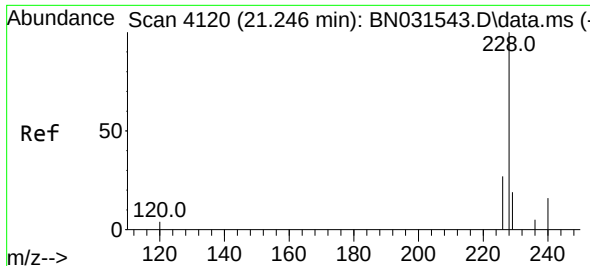


#20
Pyrene
Concen: 0.462 ng/u1
RT: 19.496 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18



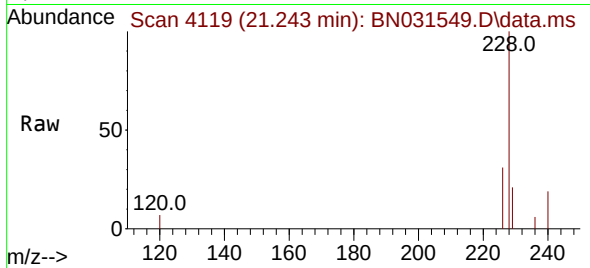
Tgt Ion:202 Resp: 72304
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.6 9.7 14.5





#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.243 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

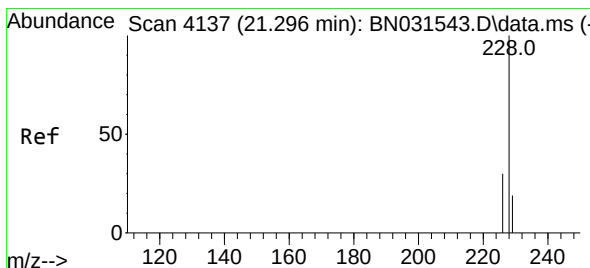
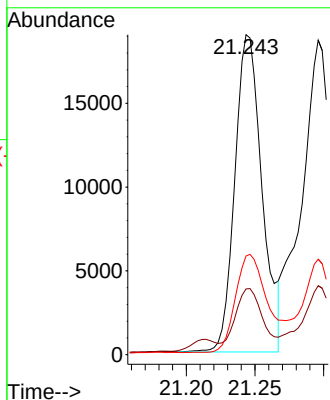
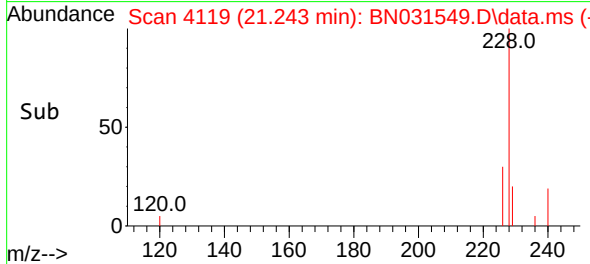
Instrument :
BNA_N
ClientSampleId :
E0Y32DL



Tgt Ion:228 Resp: 2611
Ion Ratio Lower Upper
228 100
229 20.5 15.4 23.0
226 30.8 21.5 32.3

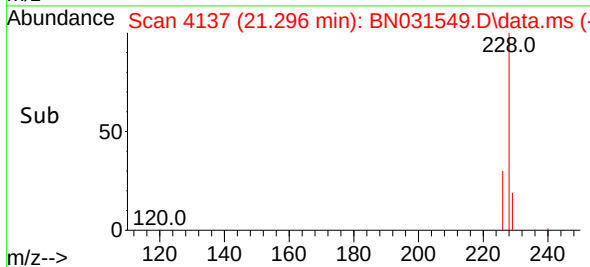
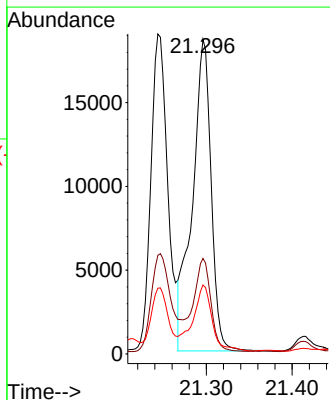
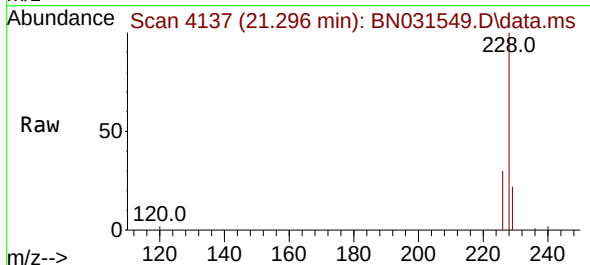
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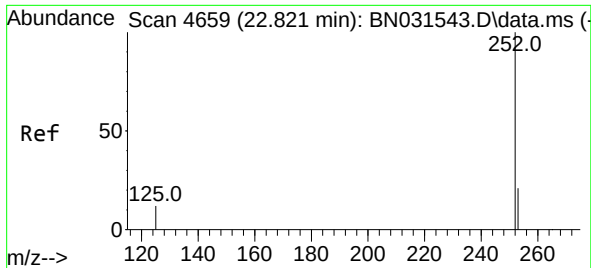
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024



#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.296 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

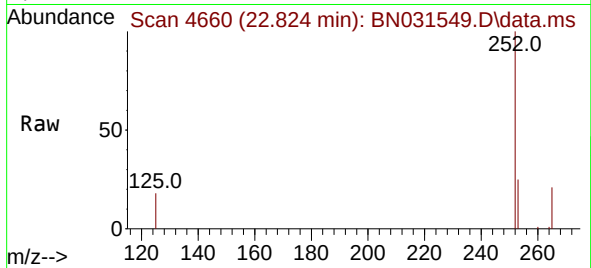
Tgt Ion:228 Resp: 28315
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.296 ng/ul m
RT: 22.824 min Scan# 4660
Delta R.T. -0.003 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

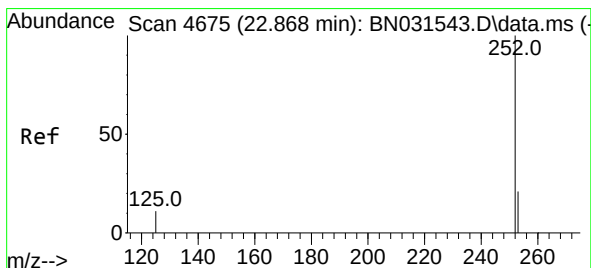
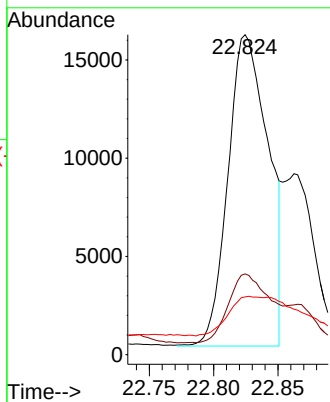
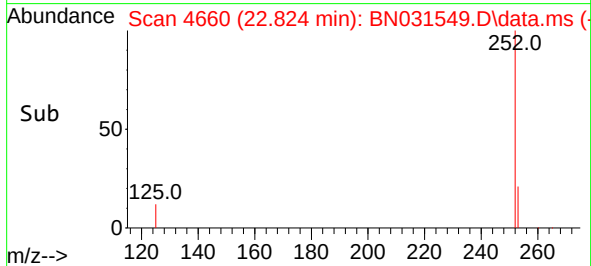
Instrument :
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ClientSampleId :
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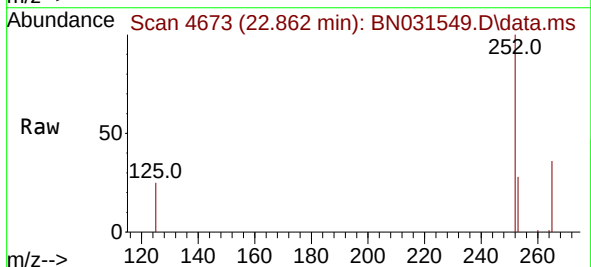
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Ion Ratio Lower Upper
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253 25.2 0.0 44.8
125 18.0 0.0 27.4

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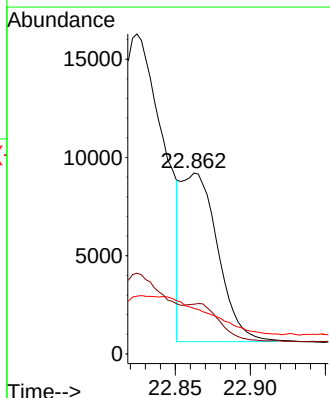
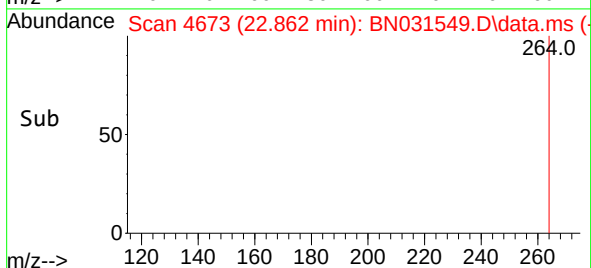
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

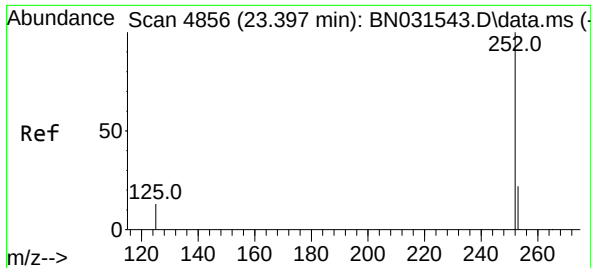


#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.862 min Scan# 4673
Delta R.T. -0.012 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18



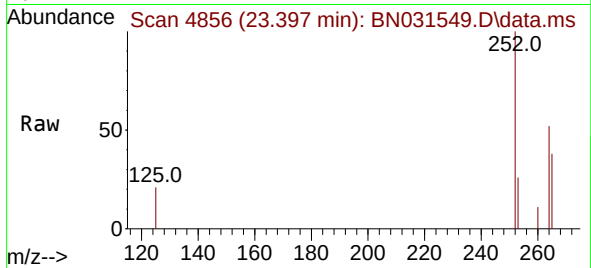
Tgt Ion:252 Resp: 14625
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 25.1 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.214 ng/ul
RT: 23.397 min Scan# 4856
Delta R.T. -0.006 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

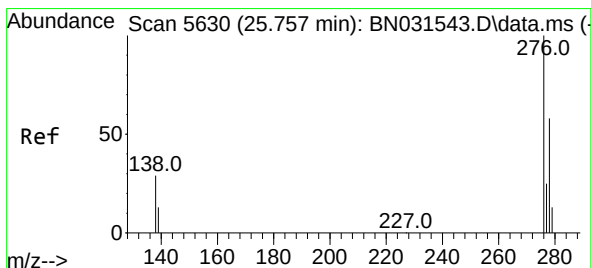
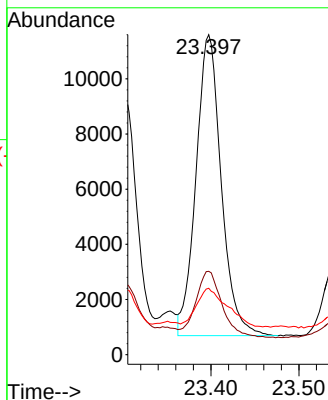
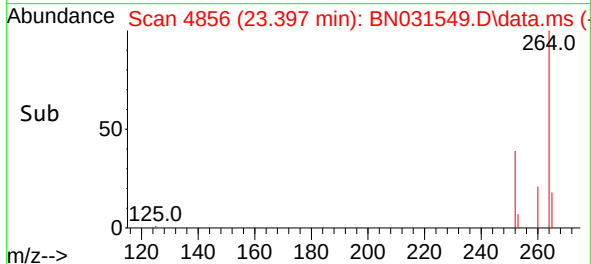
Instrument :
BNA_N
ClientSampleId :
E0Y32DL



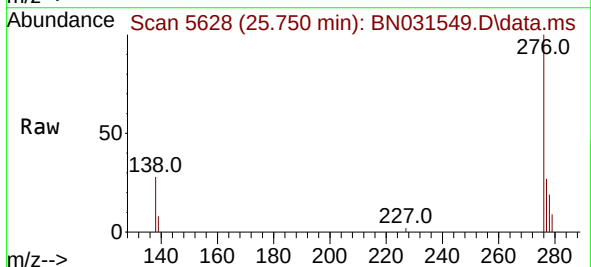
Tgt Ion:252 Resp: 21775
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 20.7 12.3 18.5

Manual Integrations
APPROVED

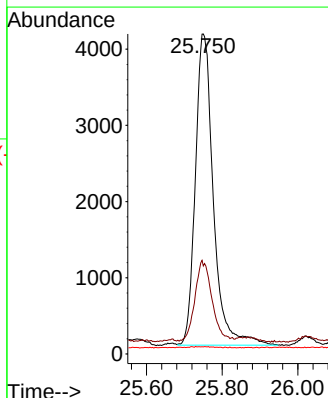
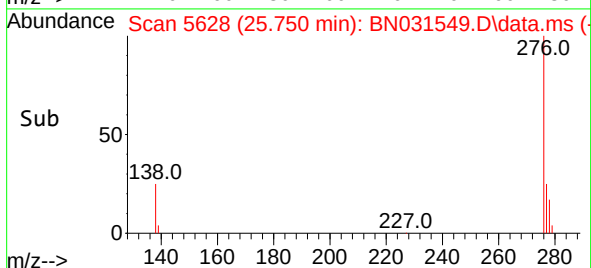
Reviewed By :Jagrut Upadhyay 05/17/2024
Supervised By :mohammad ahmed 05/18/2024

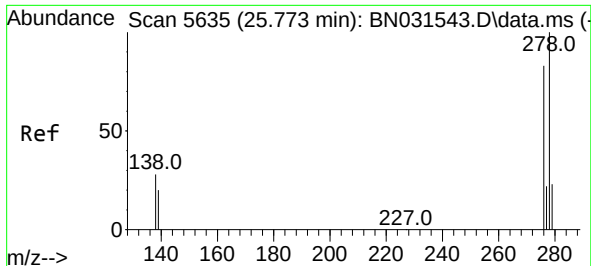


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 25.750 min Scan# 5628
Delta R.T. -0.017 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18



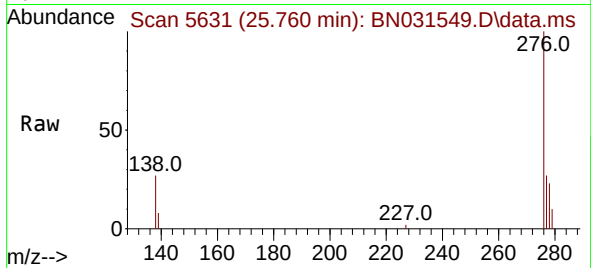
Tgt Ion:276 Resp: 13498
Ion Ratio Lower Upper
276 100
138 25.1 24.8 37.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.760 min Scan# 5631
Delta R.T. -0.020 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

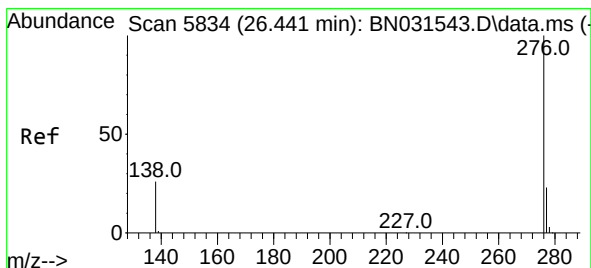
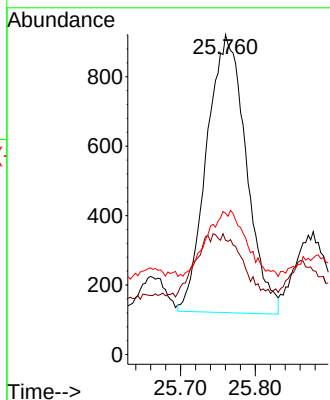
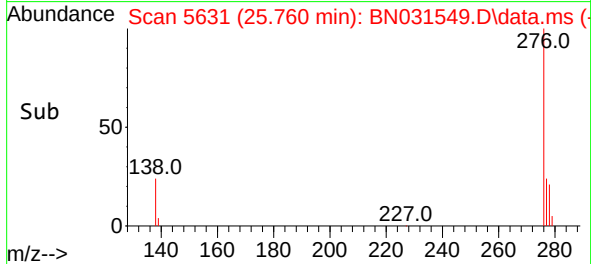
Instrument :
BNA_N
ClientSampleId :
E0Y32DL



Tgt Ion:278 Resp: 2934
Ion Ratio Lower Upper
278 100
139 35.7 16.7 25.1
279 44.2 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: 0.139 ng/ul
RT: 26.441 min Scan# 5834
Delta R.T. -0.010 min
Lab File: BN031549.D
Acq: 16 May 2024 14:18

Tgt Ion:276 Resp: 13267
Ion Ratio Lower Upper
276 100
138 27.8 21.4 32.2
277 25.5 19.2 28.8

