

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032487.D
 Acq On : 04 Jul 2024 22:58
 Operator : MA/JU
 Sample : P3065-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE4

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 01:04:58 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	6817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	19632	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	10605	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	19928m	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	18155m	0.400	ng/ul	0.00
23) Perylene-d12	23.420	264	20347m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	29205	3.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	6529	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	12381	0.227	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	1703	0.033	ng/ul#	80
10) Acenaphthylene	13.965	152	4526	0.103	ng/ul#	93
11) Acenaphthene	14.307	153	2098	0.061	ng/ul	98
12) Fluorene	15.302	166	2560	0.063	ng/ul#	98
15) Phenanthrene	17.040	178	48292m	0.884	ng/ul	
16) Anthracene	17.133	178	9647m	0.198	ng/ul	
19) Fluoranthene	19.067	202	110821	1.603	ng/ul	97
20) Pyrene	19.435	202	96085	1.330	ng/ul	99
21) Benzo(a)anthracene	21.190	228	50319	0.768	ng/ul	96
22) Chrysene	21.242	228	58229	0.810	ng/ul	96
24) Benzo(b)fluoranthene	22.756	252	88139m	0.997	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	29620m	0.345	ng/ul	
26) Benzo(a)pyrene	23.320	252	55048	0.895	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.652	276	46342	0.481	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.652	278	10474	0.146	ng/ul#	55
29) Benzo(g,h,i)perylene	26.339	276	45043	0.587	ng/ul	96

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

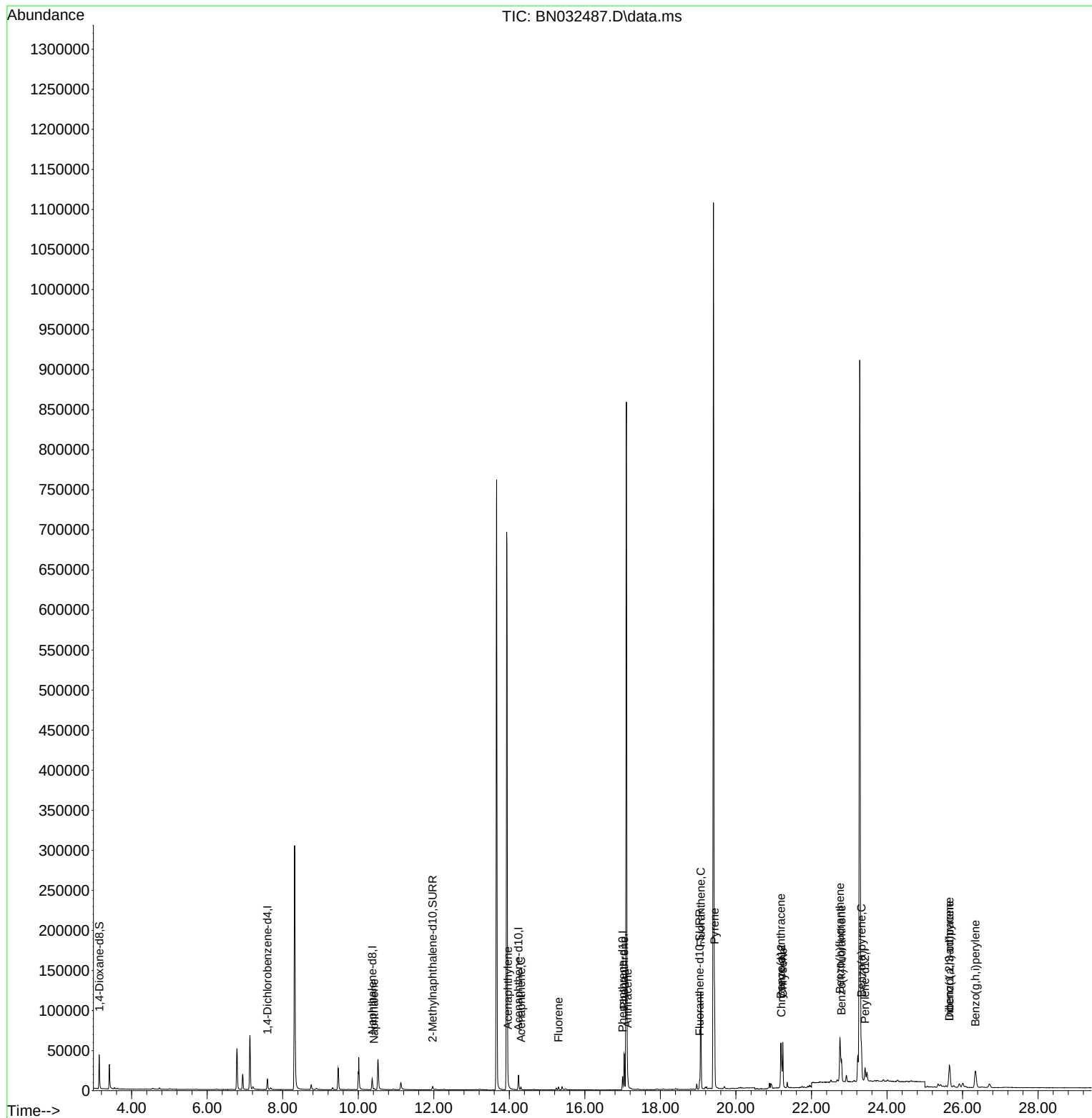
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032487.D
Acq On : 04 Jul 2024 22:58
Operator : MA/JU
Sample : P3065-10
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ALS Vial : 60 Sample Multiplier: 1

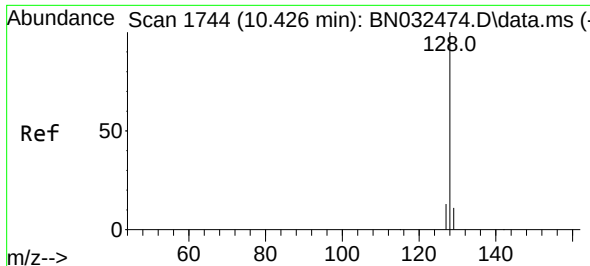
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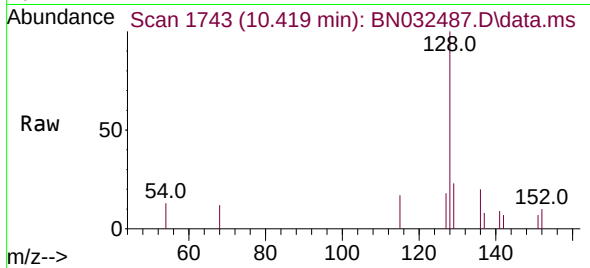
Quant Time: Jul 05 01:04:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.033 ng/uI
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

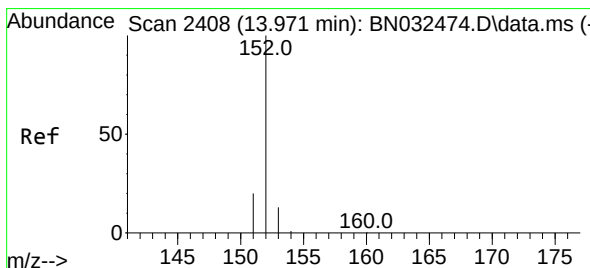
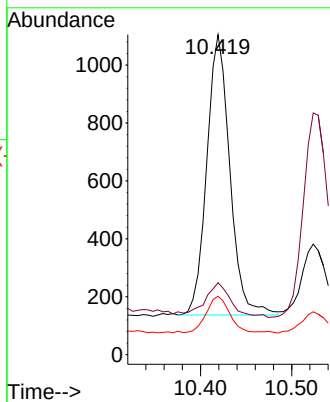
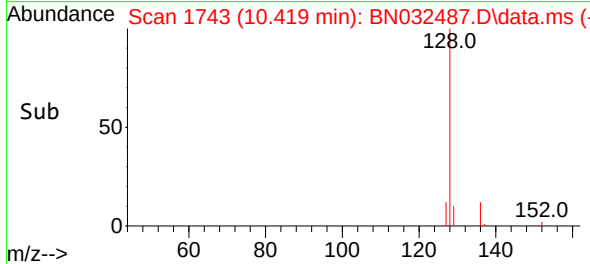
Instrument :
BNA_N
ClientSampleId :
A4CE4



Tgt Ion:128 Resp: 1700
Ion Ratio Lower Upper
128 100
129 22.5 9.2 13.8
127 18.3 10.8 16.2

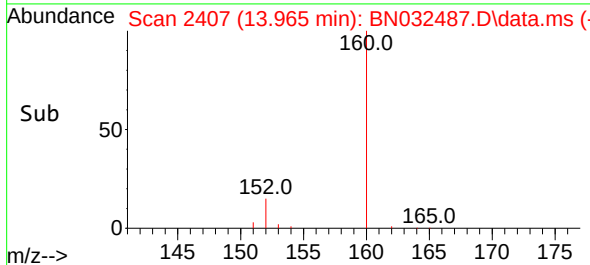
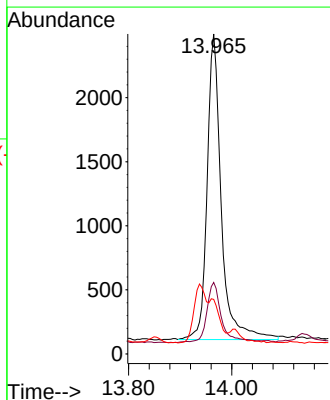
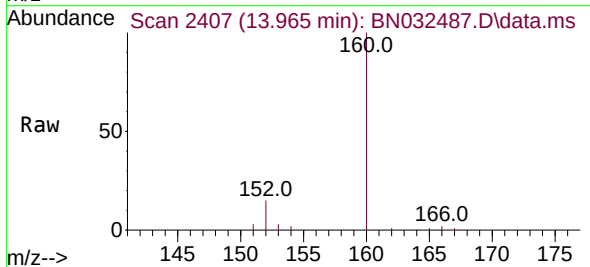
Manual Integrations
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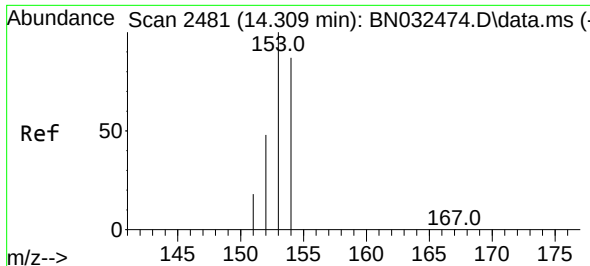
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.103 ng/uI
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

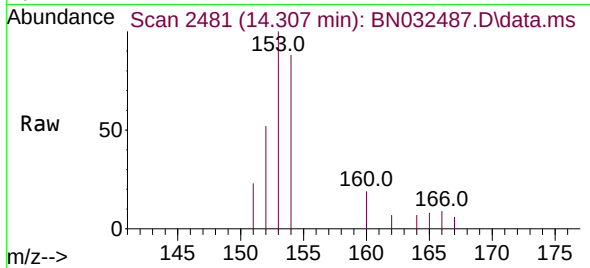
Tgt Ion:152 Resp: 4526
Ion Ratio Lower Upper
152 100
151 22.3 15.7 23.5
153 17.1 10.9 16.3





#11
Acenaphthene
Concen: 0.061 ng/u1
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

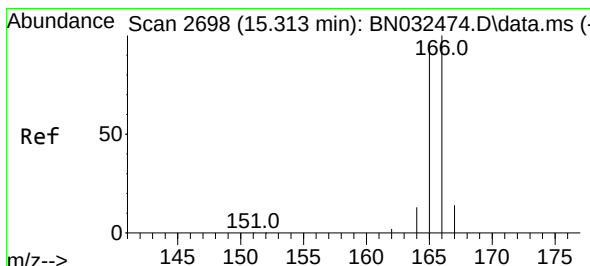
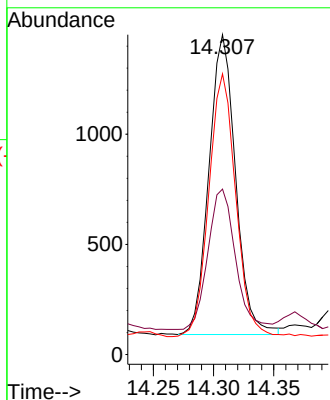
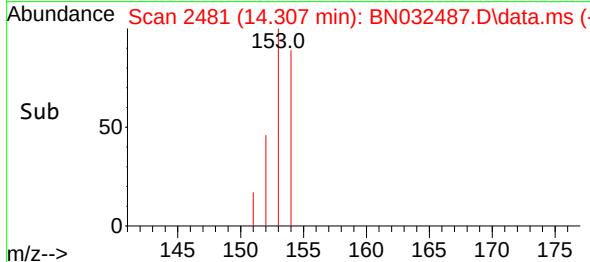
Instrument :
BNA_N
ClientSampleId :
A4CE4



Tgt Ion:153 Resp: 2098
Ion Ratio Lower Upper
153 100
152 51.7 39.5 59.3
154 87.7 71.7 107.5

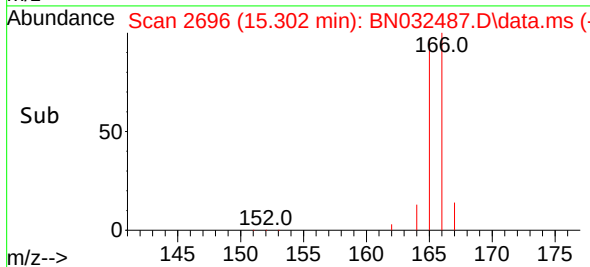
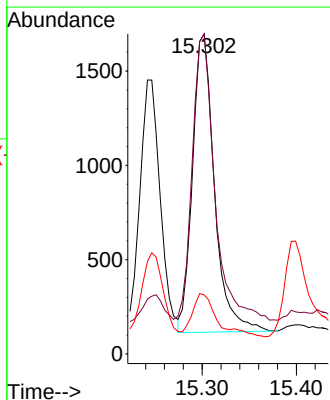
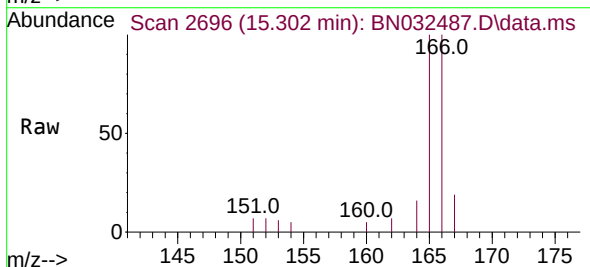
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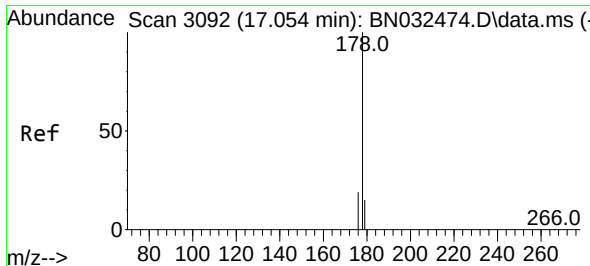
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

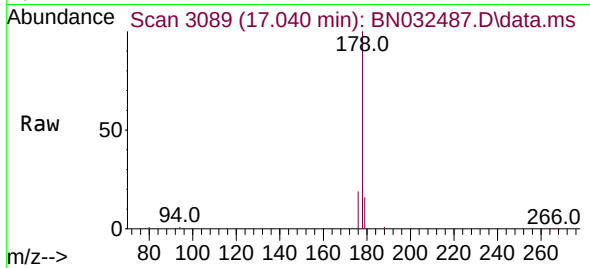
Tgt Ion:166 Resp: 2560
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 18.5 11.0 16.6#





#15
Phenanthrene
Concen: 0.884 ng/ul m
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

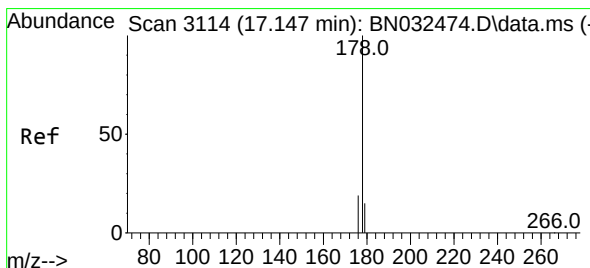
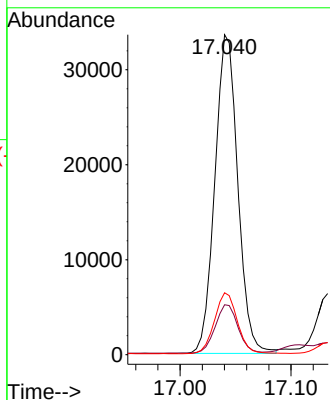
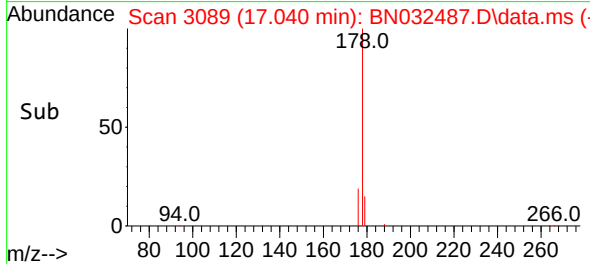
Instrument :
BNA_N
ClientSampleId :
A4CE4



Tgt Ion:178 Resp: 48292
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.6 23.4

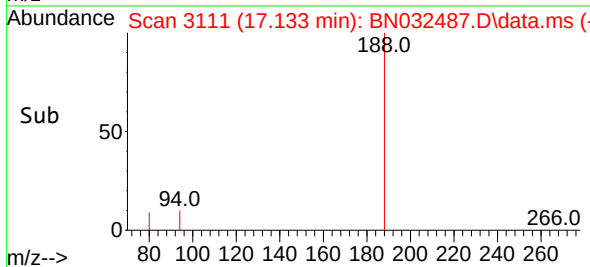
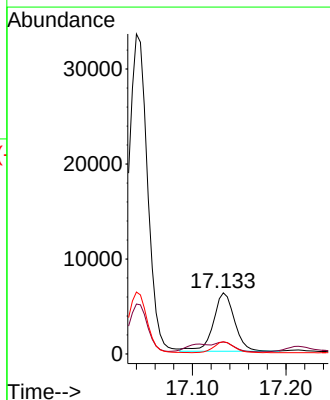
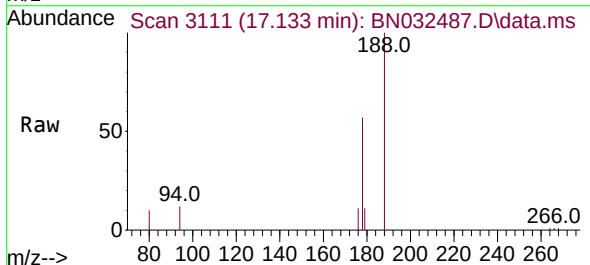
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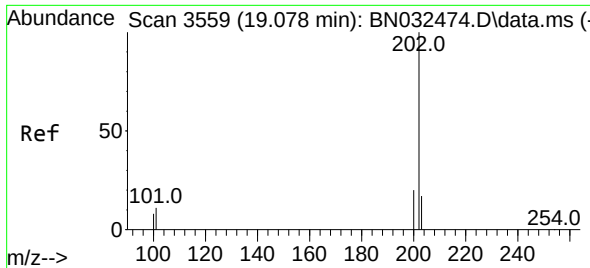
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.198 ng/ul m
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

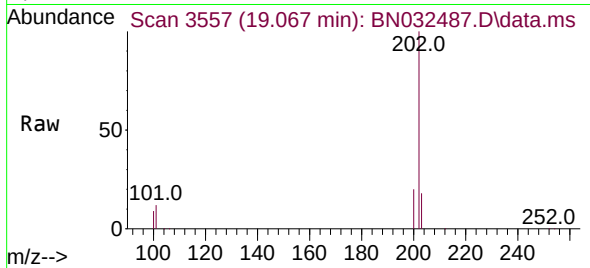
Tgt Ion:178 Resp: 9647
Ion Ratio Lower Upper
178 100
179 19.7 12.5 18.7#
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 1.603 ng/u1
RT: 19.067 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

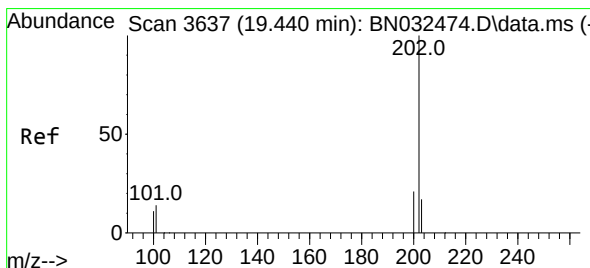
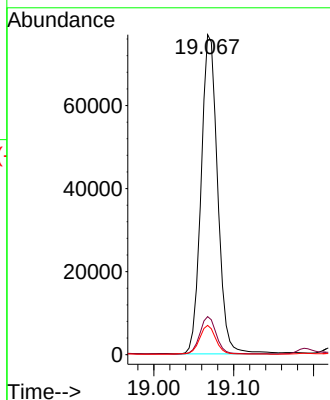
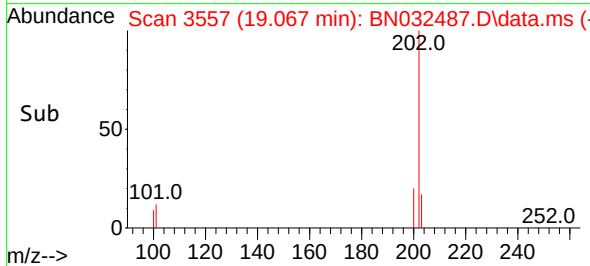
Instrument :
BNA_N
ClientSampleId :
A4CE4



Tgt Ion:202 Resp: 11082
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 9.2 6.4 9.6

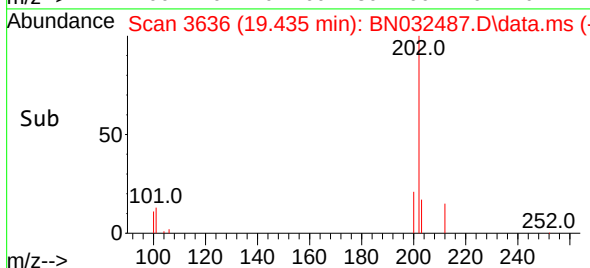
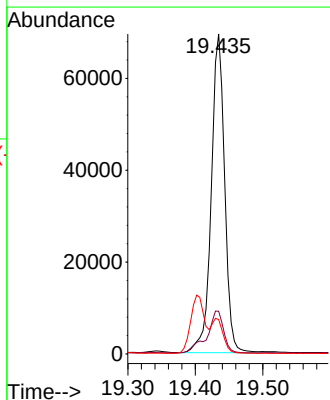
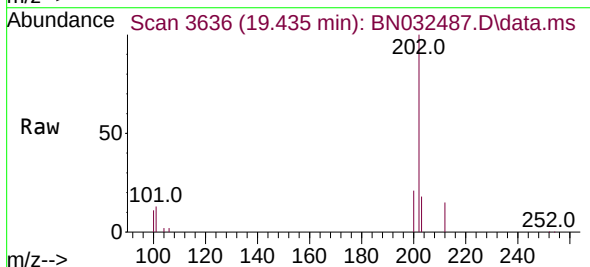
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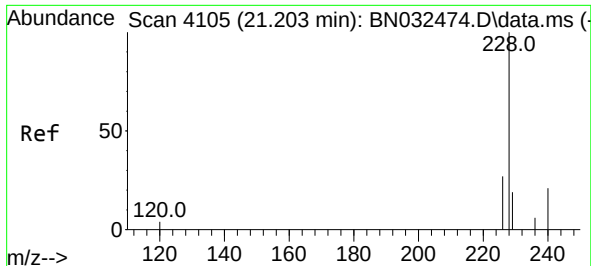
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 1.330 ng/u1
RT: 19.435 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

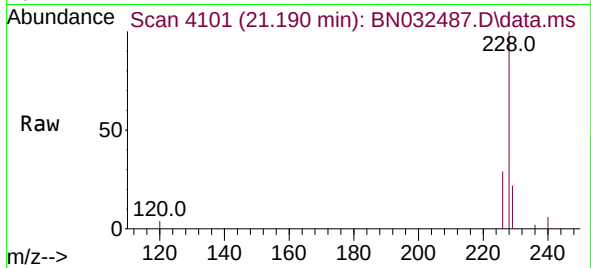
Tgt Ion:202 Resp: 96085
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.768 ng/u1
RT: 21.190 min Scan# 4110
Delta R.T. -0.001 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

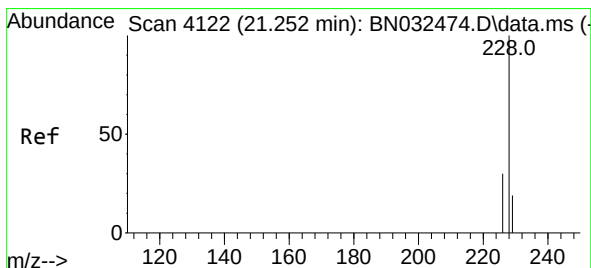
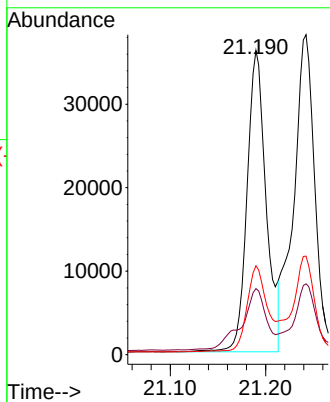
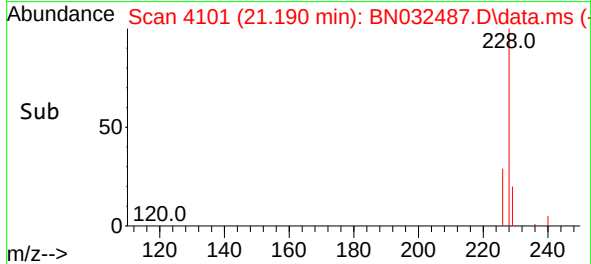
Instrument :
BNA_N
ClientSampleId :
A4CE4



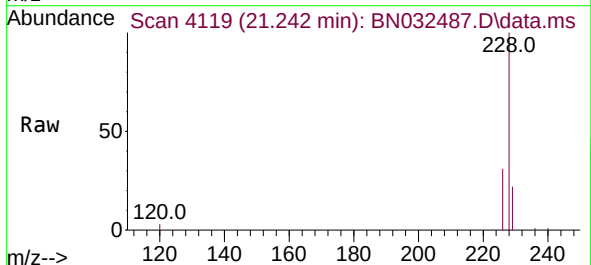
Tgt Ion:228 Resp: 50319
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.2 21.8 32.8

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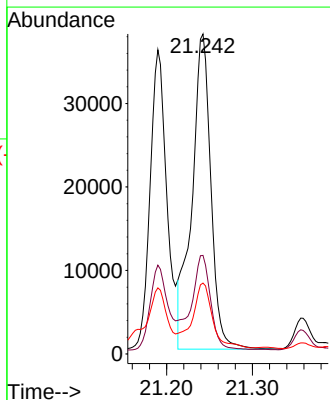
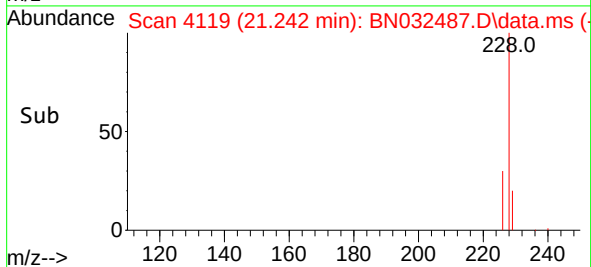
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

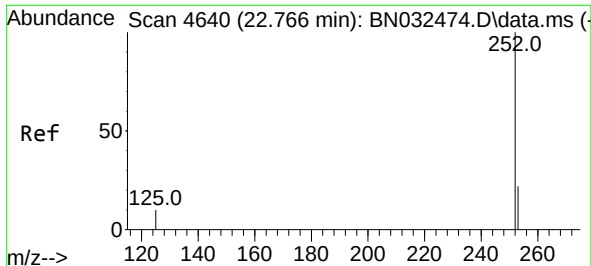


#22
Chrysene
Concen: 0.810 ng/u1
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58



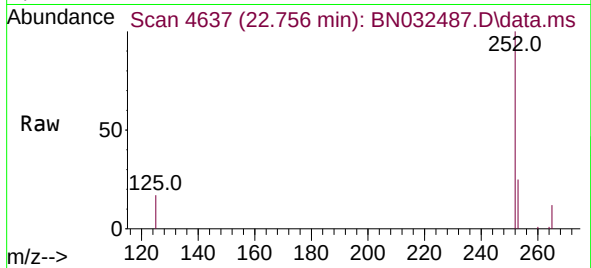
Tgt Ion:228 Resp: 58229
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.997 ng/ul m
RT: 22.756 min Scan# 4637
Delta R.T. -0.001 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

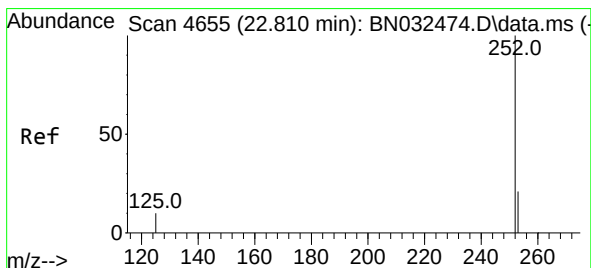
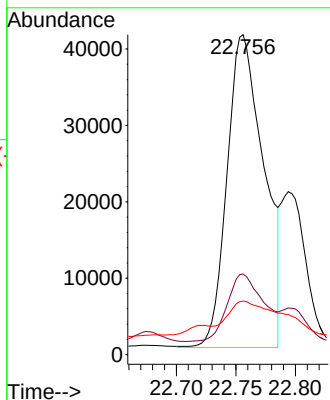
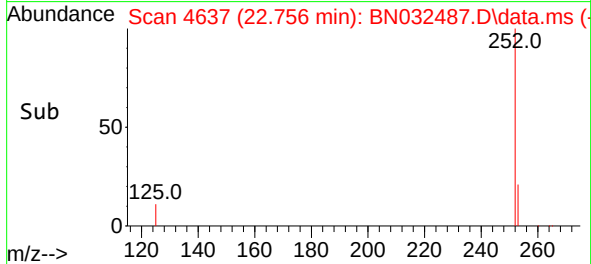
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BNA_N
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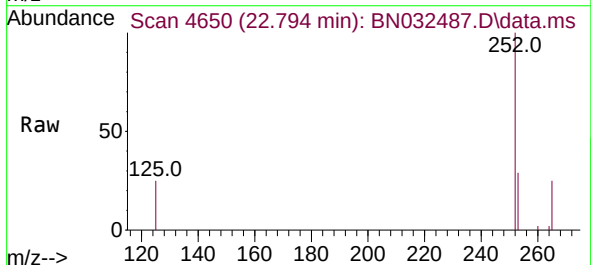
Tgt Ion:252 Resp: 88139
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.2
125 16.8 0.0 32.0

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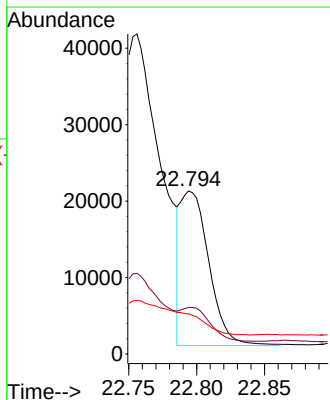
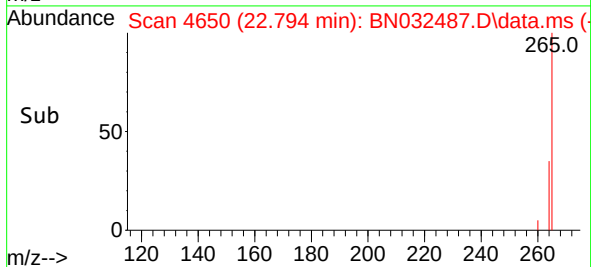
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

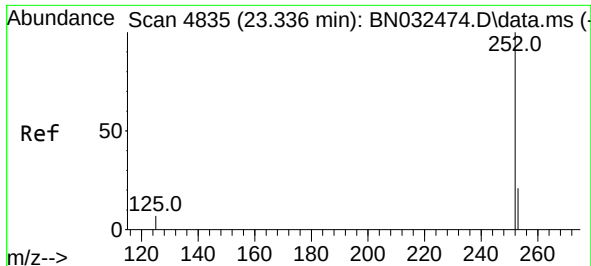


#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul m
RT: 22.794 min Scan# 4650
Delta R.T. -0.007 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58



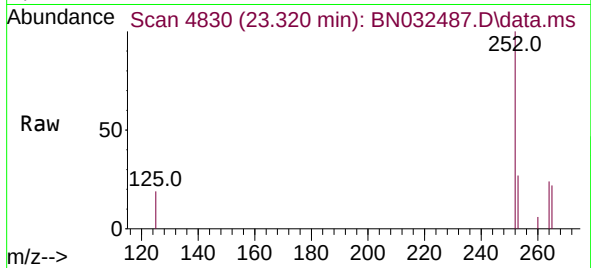
Tgt Ion:252 Resp: 29620
Ion Ratio Lower Upper
252 100
253 28.7 20.3 30.5
125 24.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.895 ng/ul
RT: 23.320 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

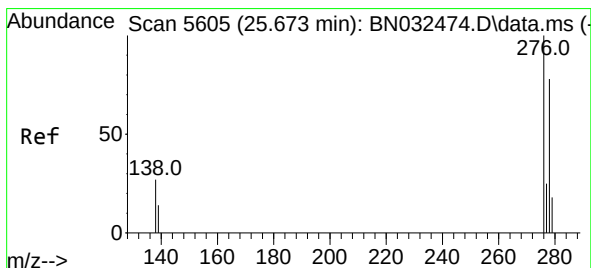
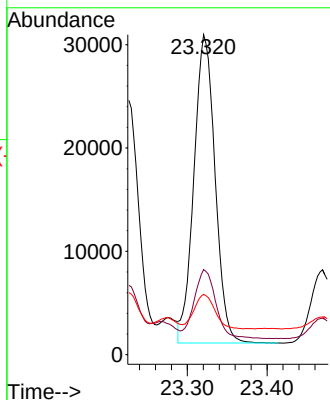
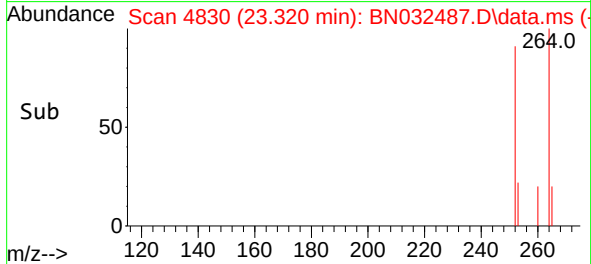
Instrument :
BNA_N
ClientSampleId :
A4CE4



Tgt Ion:252 Resp: 55048
Ion Ratio Lower Upper
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253 26.6 22.2 33.2
125 18.9 16.4 24.6

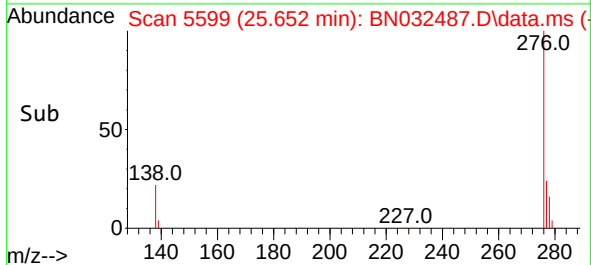
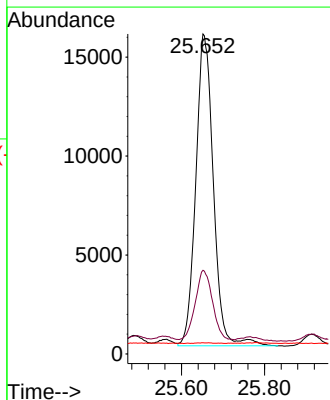
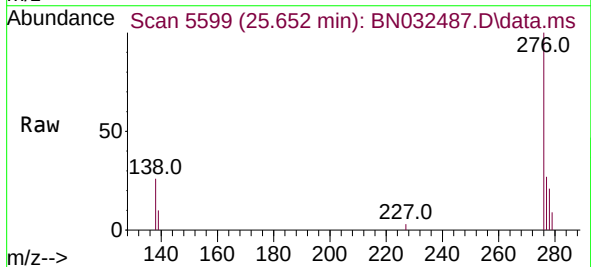
Manual Integrations
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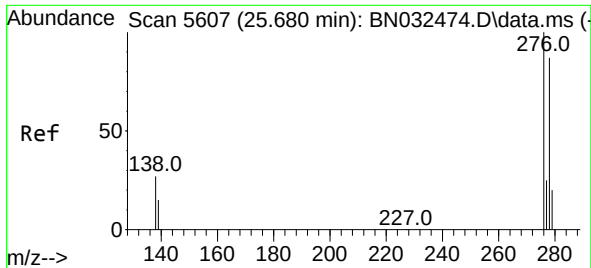
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.008 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

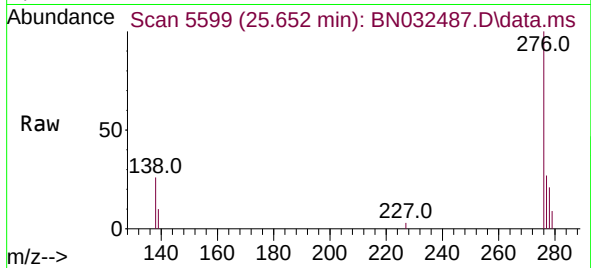
Tgt Ion:276 Resp: 46342
Ion Ratio Lower Upper
276 100
138 22.0 21.3 31.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.652 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58

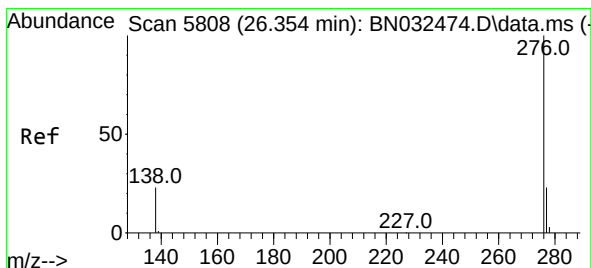
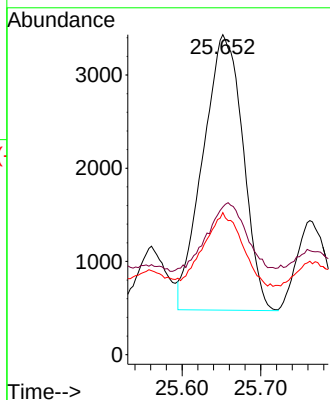
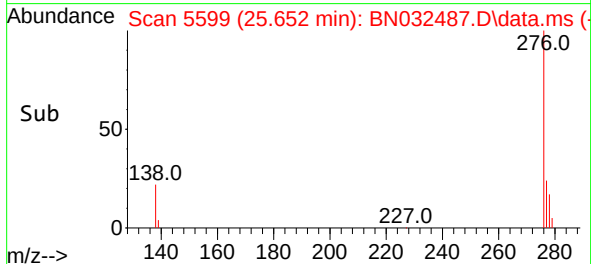
Instrument :
BNA_N
ClientSampleId :
A4CE4



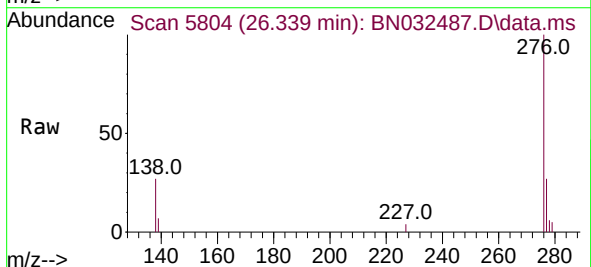
Tgt Ion:278 Resp: 10474
Ion Ratio Lower Upper
278 100
139 46.1 15.9 23.9
279 44.4 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.587 ng/ul
RT: 26.339 min Scan# 5804
Delta R.T. -0.005 min
Lab File: BN032487.D
Acq: 04 Jul 2024 22:58



Tgt Ion:276 Resp: 45043
Ion Ratio Lower Upper
276 100
138 26.9 19.8 29.6
277 26.9 19.8 29.6

