

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027787.D
 Acq On : 21 Sep 2023 15:11
 Operator : MA/JU
 Sample : 04330-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 03:59:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5254	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17330	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24532	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.574	240	23431	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	22139	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	10852	1.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4566	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	13141	0.184	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.878	128	4049	0.082	ng/ul#	92
7) 2-Methylnaphthalene	12.478	142	4987	0.159	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	2409	0.074	ng/ul	98
10) Acenaphthylene	14.370	152	1891	0.040	ng/ul#	33
11) Acenaphthene	14.703	153	1613	0.040	ng/ul#	77
12) Fluorene	15.688	166	2282	0.048	ng/ul#	40
15) Phenanthrene	17.434	178	27599	0.358	ng/ul#	90
16) Anthracene	17.527	178	3995	0.062	ng/ul#	39
19) Fluoranthene	19.446	202	82646	0.872	ng/ul	98
20) Pyrene	19.813	202	74194	0.760	ng/ul	98
21) Benzo(a)anthracene	21.554	228	16661	0.184	ng/ul#	71
22) Chrysene	21.612	228	70369m	0.751	ng/ul	
24) Benzo(b)fluoranthene	23.296	252	58074m	0.588	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	16435m	0.172	ng/ul	
26) Benzo(a)pyrene	23.959	252	14665	0.185	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.697	276	18111	0.178	ng/ul#	99
29) Benzo(g,h,i)perylene	27.522	276	19192	0.222	ng/ul#	34

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

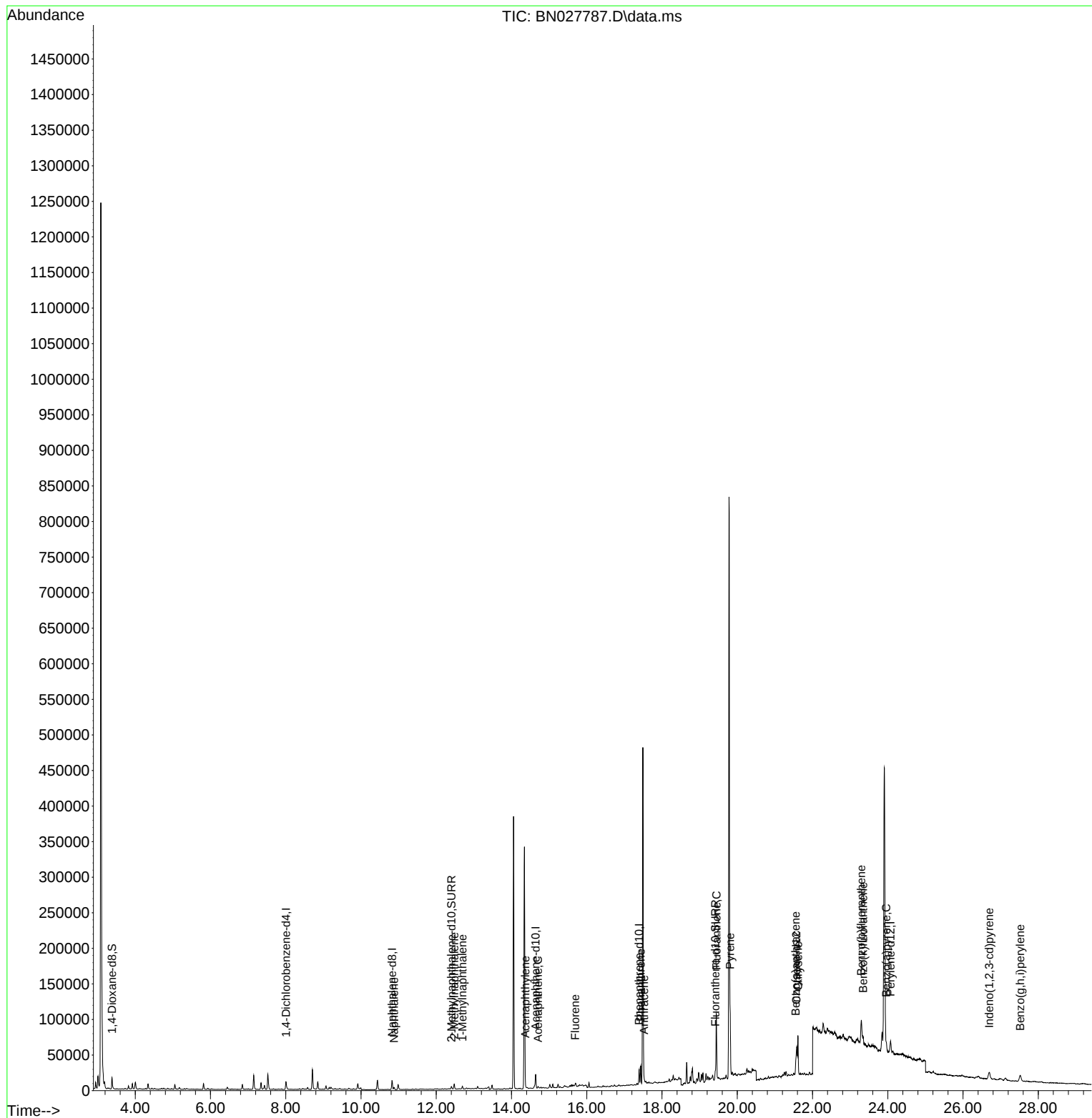
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027787.D
Acq On : 21 Sep 2023 15:11
Operator : MA/JU
Sample : 04330-05
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ALS Vial : 4 Sample Multiplier: 1

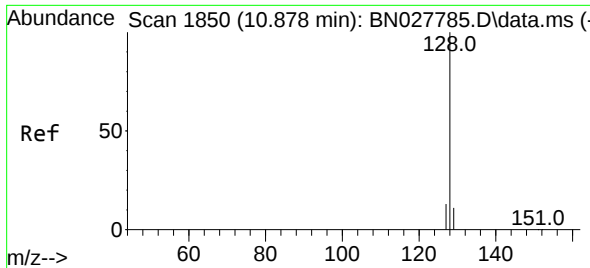
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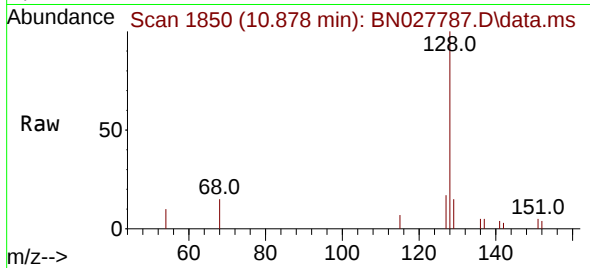
Quant Time: Sep 22 03:59:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

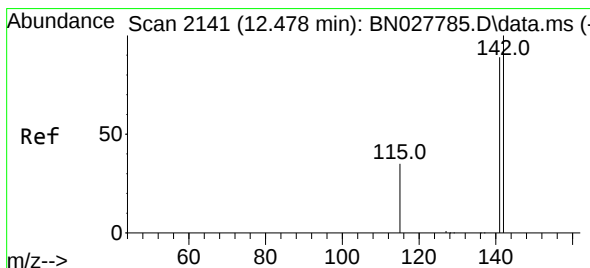
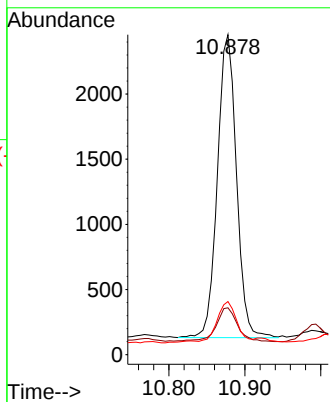
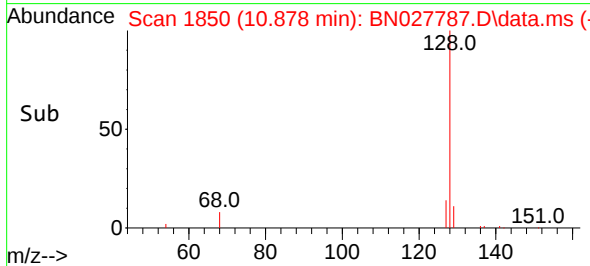
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:128 Resp: 4049
Ion Ratio Lower Upper
128 100
129 14.6 9.3 13.9
127 16.6 10.7 16.1

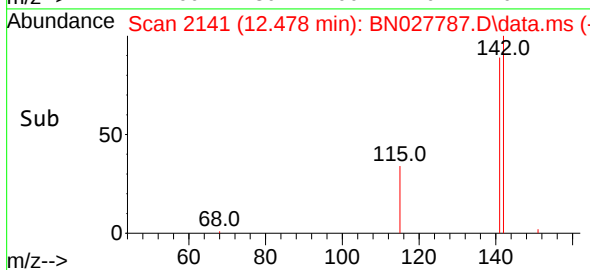
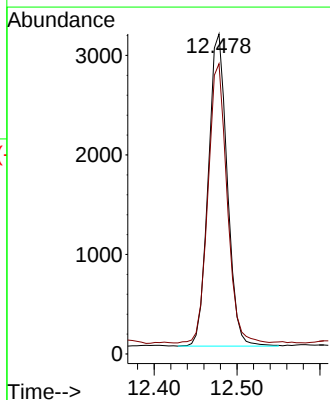
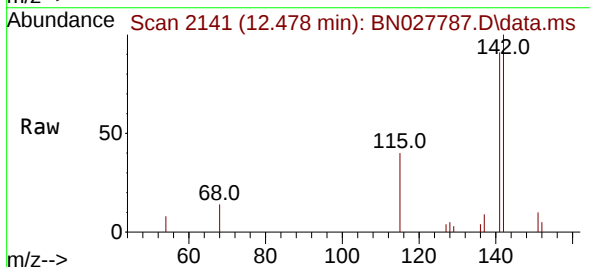
Manual Integrations
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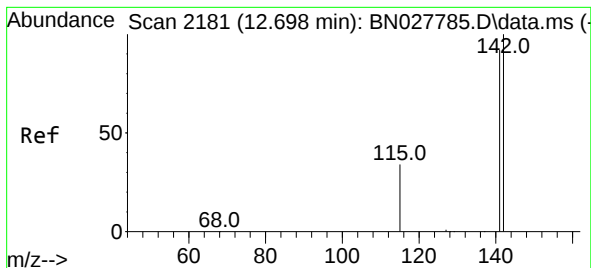
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

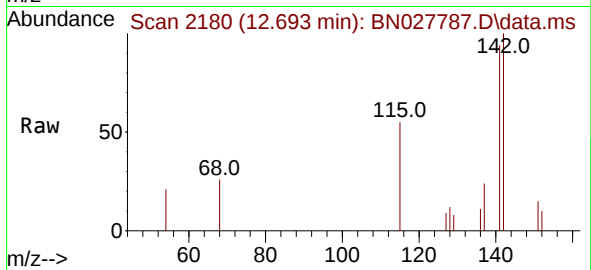
Tgt Ion:142 Resp: 4987
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.693 min Scan# 2181
Delta R.T. -0.005 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

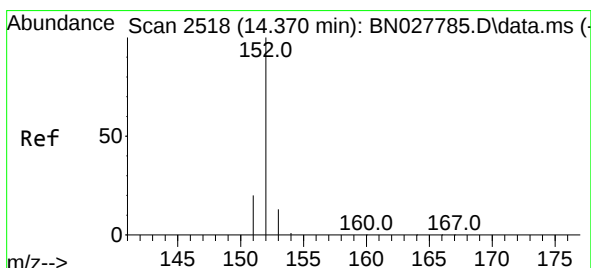
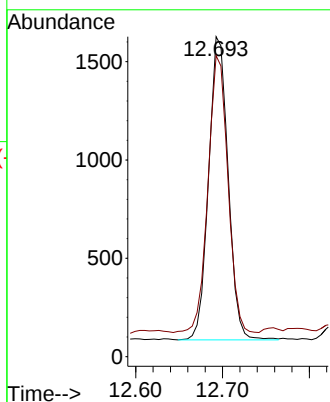
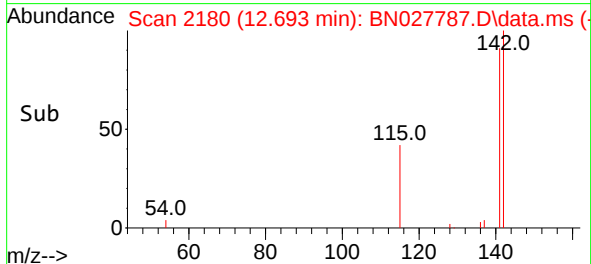
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:142 Resp: 2409
Ion Ratio Lower Upper
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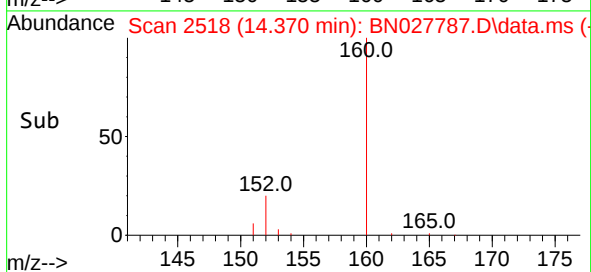
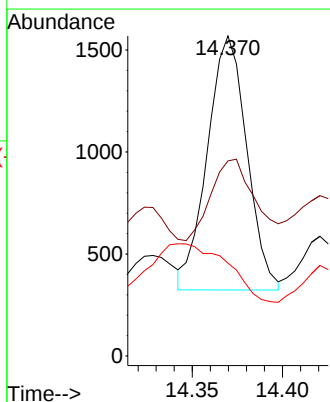
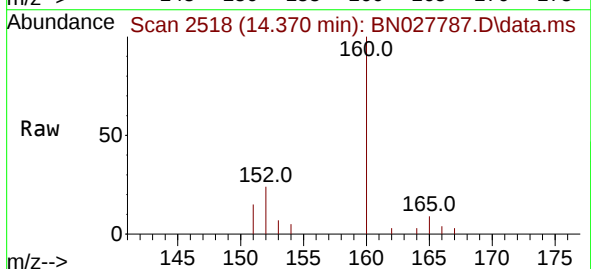
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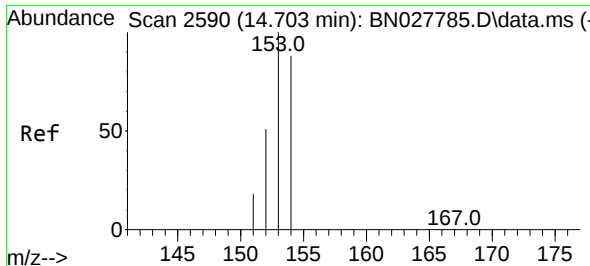
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

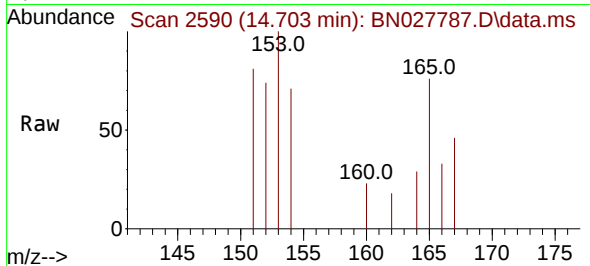
Tgt Ion:152 Resp: 1891
Ion Ratio Lower Upper
152 100
151 60.9 16.6 25.0#
153 29.0 11.0 16.6#





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

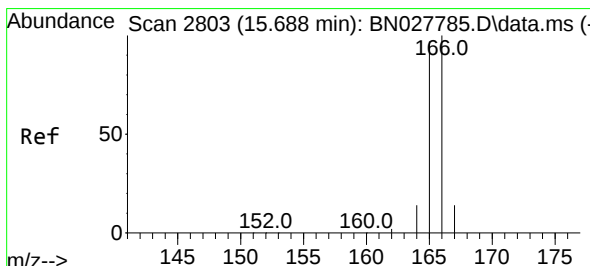
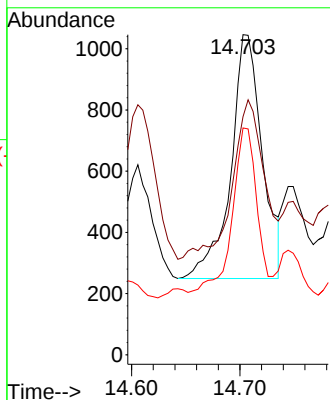
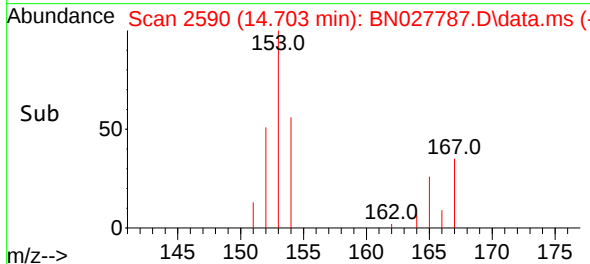
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:153 Resp: 161
Ion Ratio Lower Upper
153 100
152 74.4 41.7 62.5
154 70.8 70.3 105.5

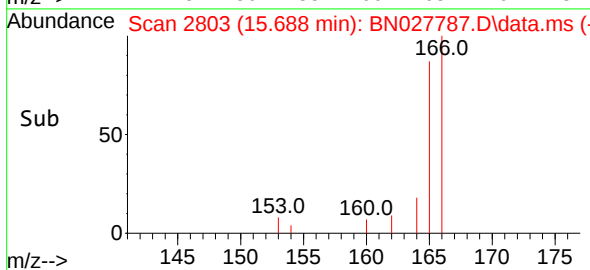
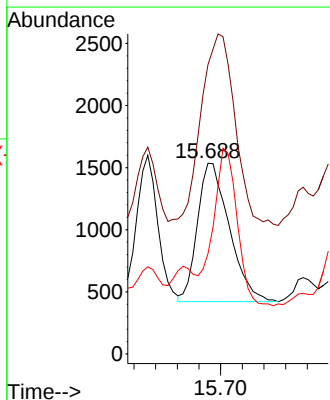
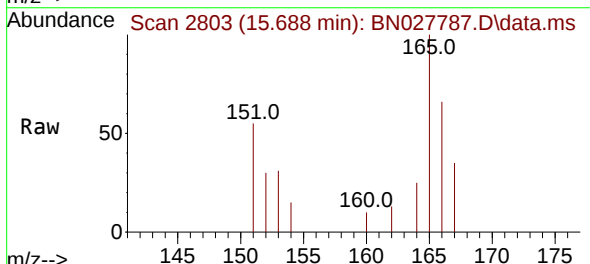
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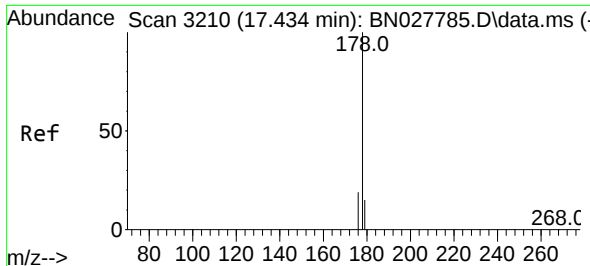
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

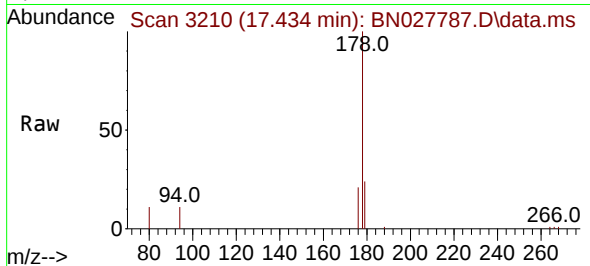
Tgt Ion:166 Resp: 2282
Ion Ratio Lower Upper
166 100
165 151.6 78.0 117.0#
167 52.5 11.4 17.2#





#15
Phenanthrene
Concen: 0.358 ng/u1
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

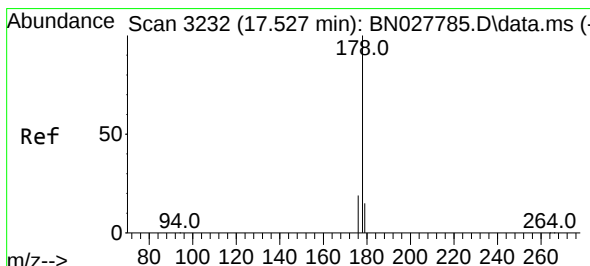
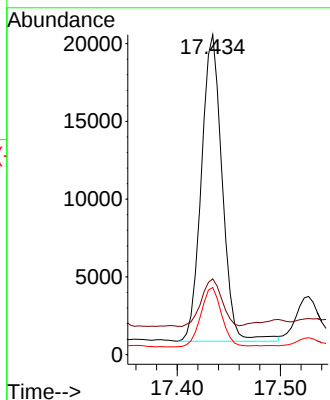
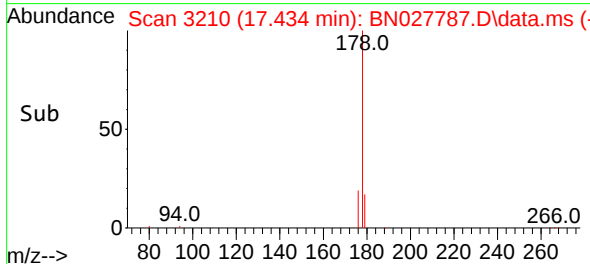
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:178 Resp: 27599
Ion Ratio Lower Upper
178 100
179 23.7 12.4 18.6
176 21.0 16.0 24.0

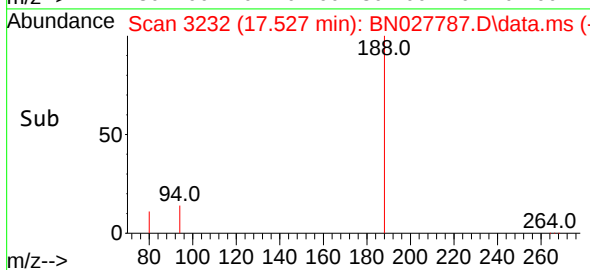
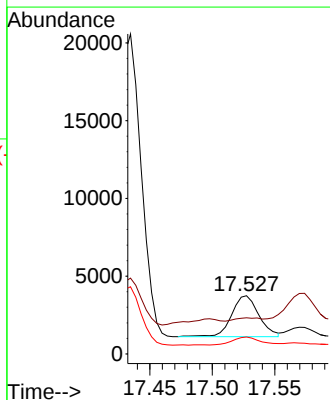
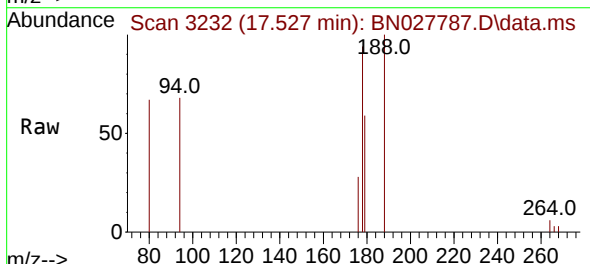
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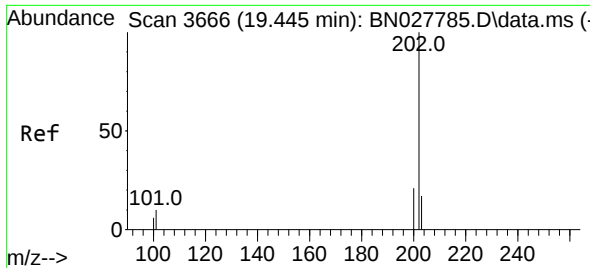
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.062 ng/u1
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

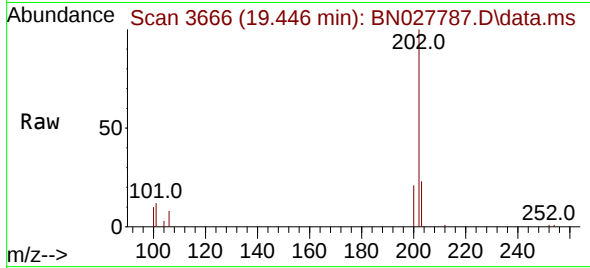
Tgt Ion:178 Resp: 3995
Ion Ratio Lower Upper
178 100
179 62.1 12.6 19.0#
176 29.2 15.5 23.3#





#19
Fluoranthene
Concen: 0.872 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

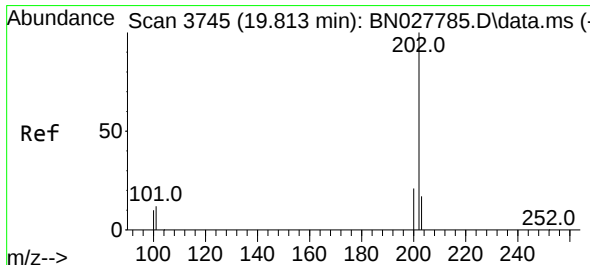
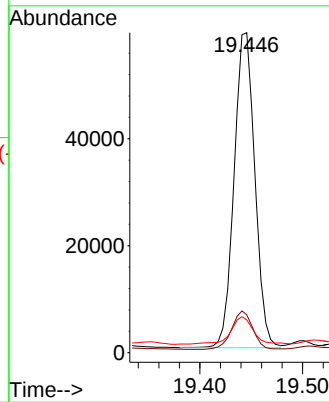
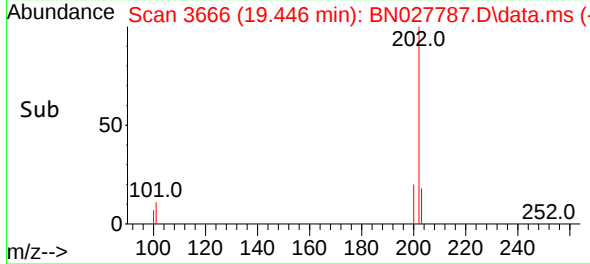
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:202 Resp: 82640
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 10.3 7.0 10.4

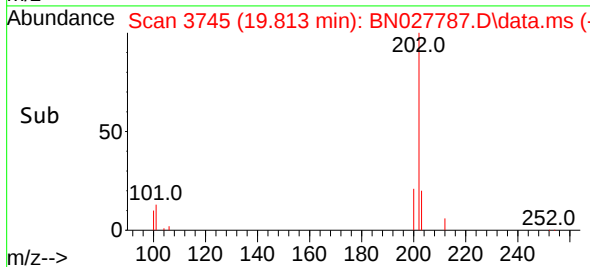
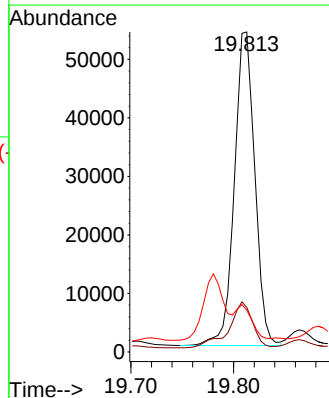
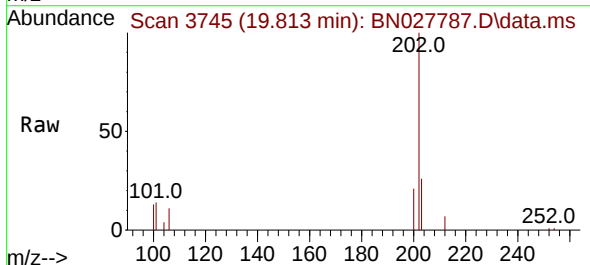
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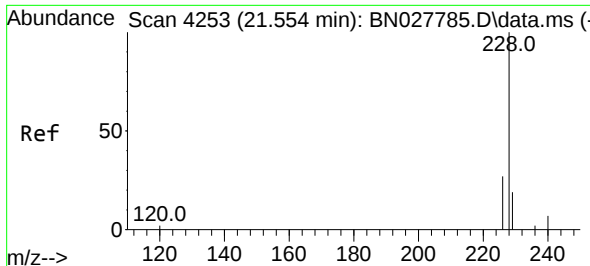
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.760 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

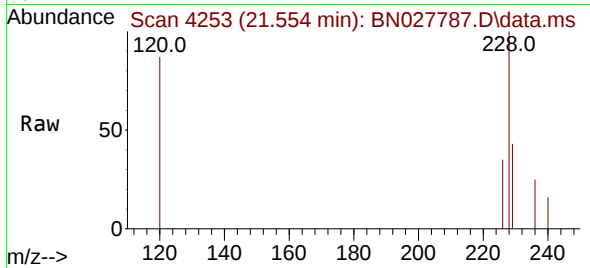
Tgt Ion:202 Resp: 74194
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 13.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

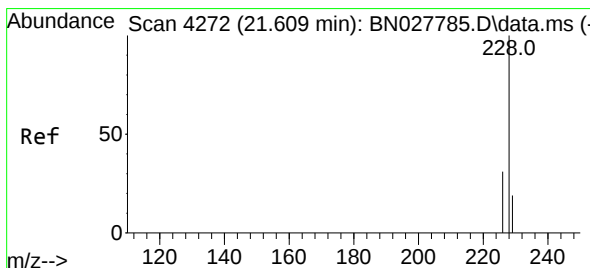
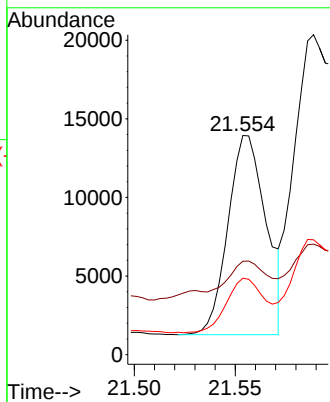
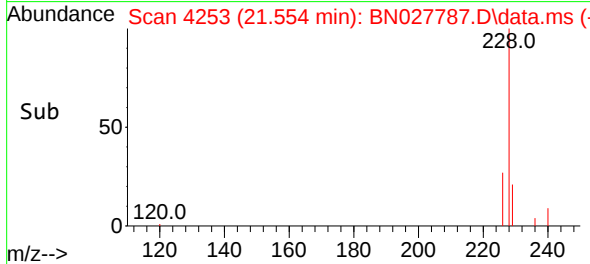
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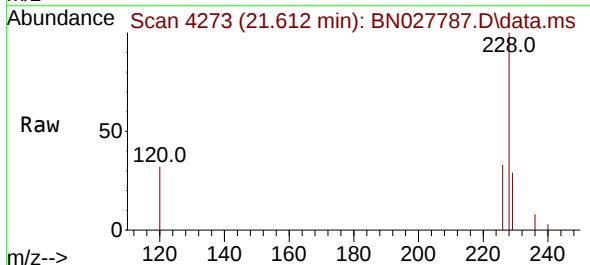
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Ion Ratio Lower Upper
228 100
229 42.6 15.8 23.8
226 34.9 22.0 33.0

Manual Integrations
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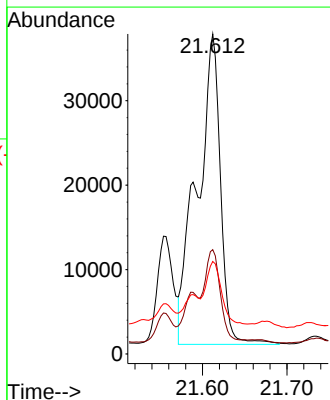
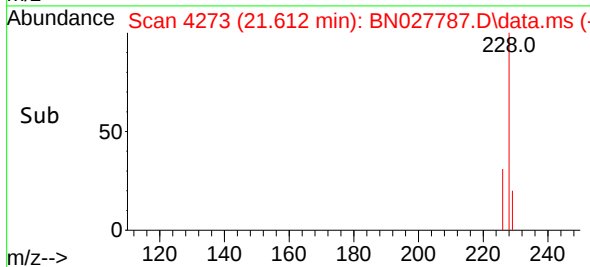
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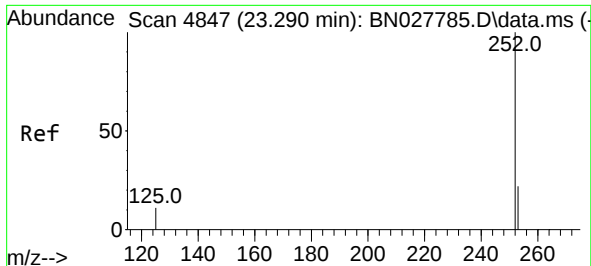


#22
Chrysene
Concen: 0.751 ng/ul m
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11



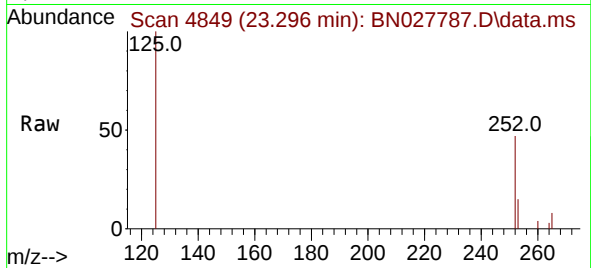
Tgt Ion:228 Resp: 70369
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 28.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.588 ng/ul m
RT: 23.296 min Scan# 4847
Delta R.T. 0.006 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

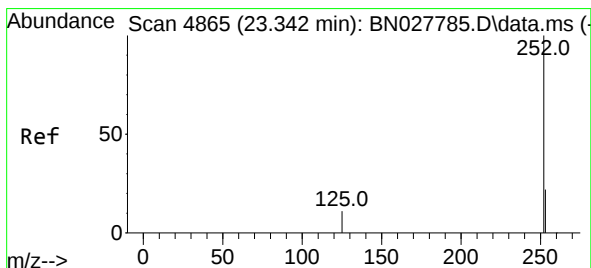
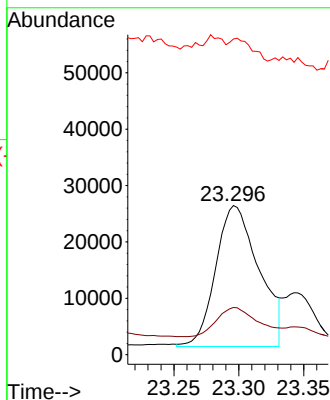
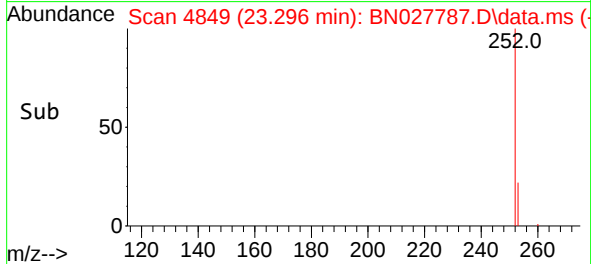
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:252 Resp: 58074
Ion Ratio Lower Upper
252 100
253 31.7 0.0 50.2
125 211.7 0.0 31.4

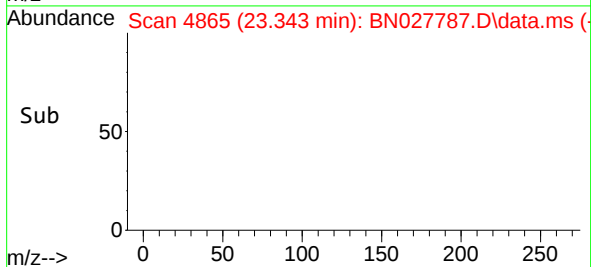
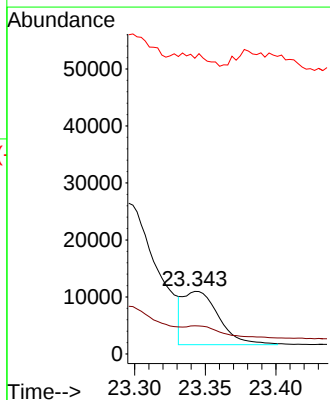
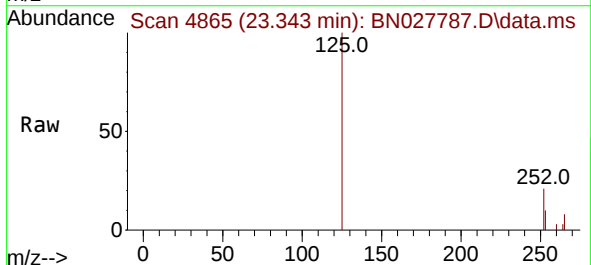
Manual Integrations
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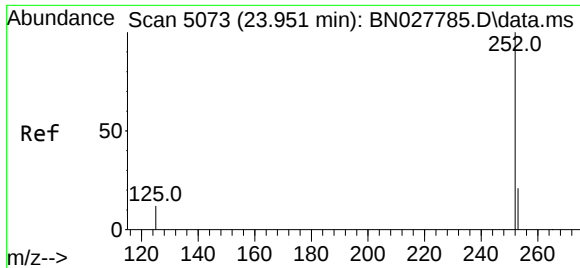
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul m
RT: 23.343 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

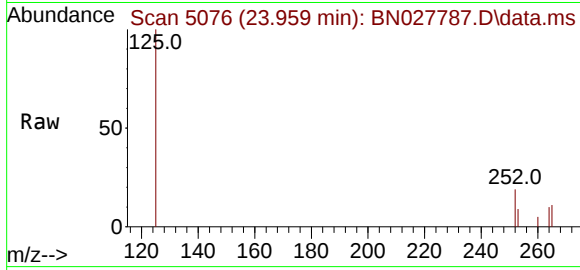
Tgt Ion:252 Resp: 16435
Ion Ratio Lower Upper
252 100
253 44.9 19.9 29.9#
125 472.0 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.185 ng/ul
RT: 23.959 min Scan# 5073
Delta R.T. 0.009 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

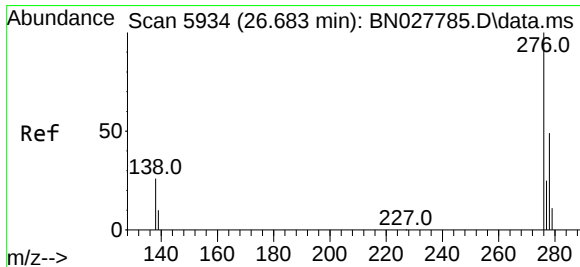
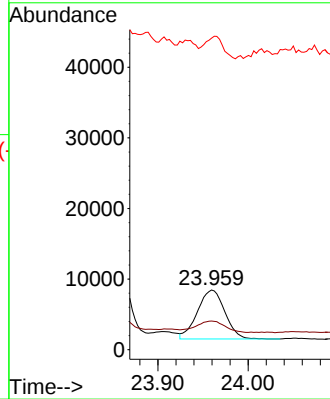
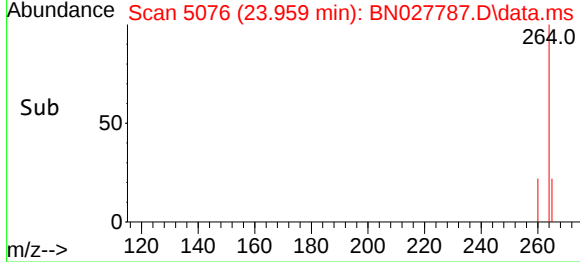
Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:252 Resp: 1466
Ion Ratio Lower Upper
252 100
253 48.1 21.9 32.9
125 522.0 15.5 23.3

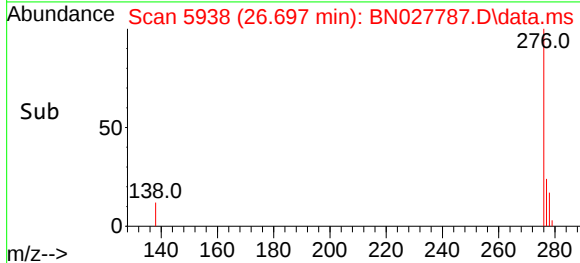
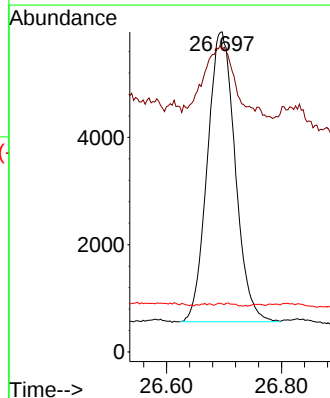
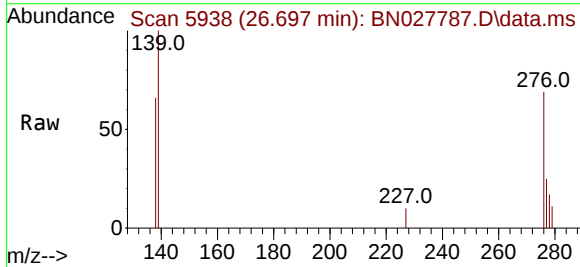
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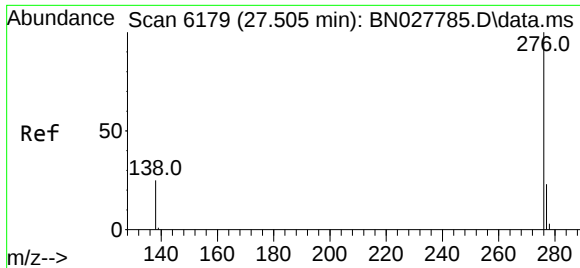
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 26.697 min Scan# 5938
Delta R.T. 0.014 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

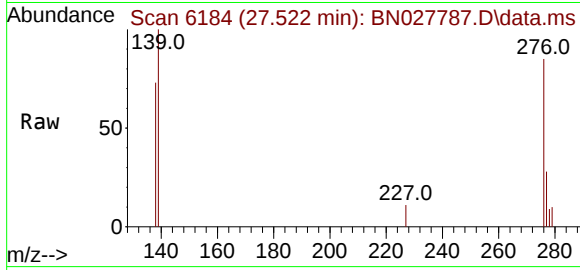
Tgt Ion:276 Resp: 18111
Ion Ratio Lower Upper
276 100
138 30.9 24.3 36.5
227 0.2 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 27.522 min Scan# 6184
Delta R.T. 0.017 min
Lab File: BN027787.D
Acq: 21 Sep 2023 15:11

Instrument :
BNA_N
ClientSampleId :
EZYX6



Tgt Ion:276 Resp: 19192
Ion Ratio Lower Upper
276 100
138 85.5 21.7 32.5
277 33.3 20.2 30.2

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Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

