

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032365.D
 Acq On : 01 Jul 2024 16:25
 Operator : MA/JU
 Sample : P2934-22DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 16:54:16 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7476	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	21127	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	21521	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	19427	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	22099m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5490	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1321	0.042	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2948	0.050	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	1656	0.030	ng/ul#	78
10) Acenaphthylene	13.976	152	2940	0.063	ng/ul#	91
11) Acenaphthene	14.318	153	1347	0.037	ng/ul	95
12) Fluorene	15.313	166	1682	0.039	ng/ul#	97
15) Phenanthrene	17.054	178	40759	0.691	ng/ul	99
16) Anthracene	17.143	178	7183	0.136	ng/ul#	92
19) Fluoranthene	19.078	202	94879	1.283	ng/ul	99
20) Pyrene	19.440	202	61729	0.798	ng/ul	100
21) Benzo(a)anthracene	21.200	228	33321	0.475	ng/ul	97
22) Chrysene	21.249	228	42504	0.552	ng/ul	97
24) Benzo(b)fluoranthene	22.766	252	57329m	0.597	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	21376m	0.229	ng/ul	
26) Benzo(a)pyrene	23.333	252	18014	0.270	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.670	276	19501	0.186	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.670	278	6454	0.083	ng/ul#	61
29) Benzo(g,h,i)perylene	26.357	276	2986	0.036	ng/ul#	51

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

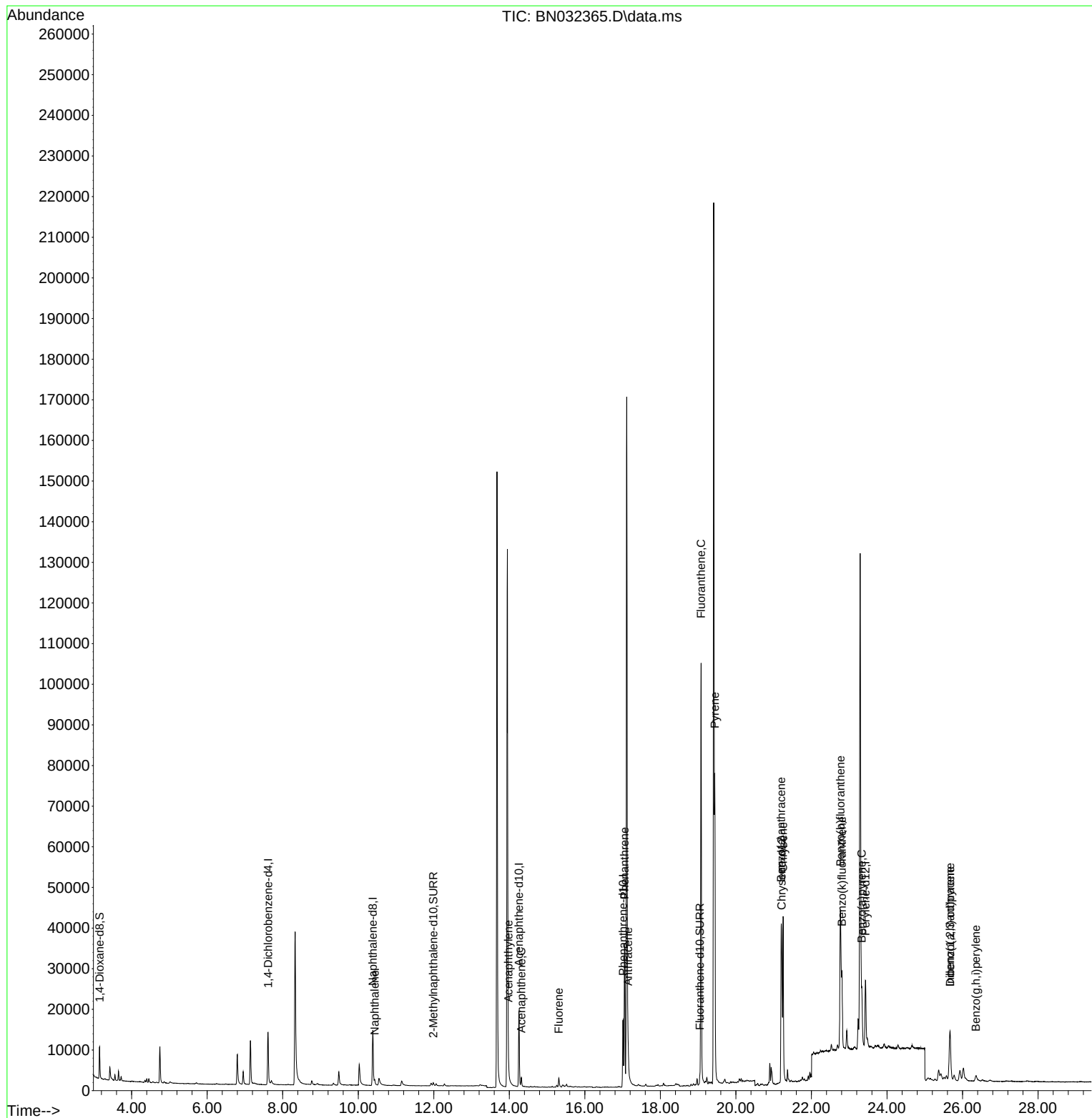
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032365.D
Acq On : 01 Jul 2024 16:25
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Sample : P2934-22DL 5X
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ALS Vial : 11 Sample Multiplier: 1

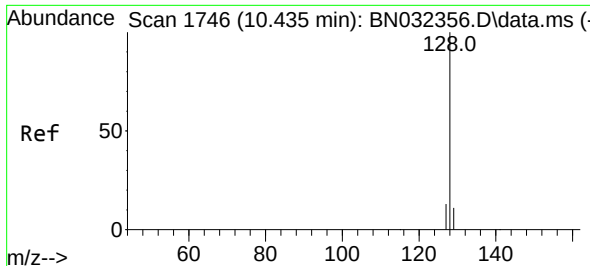
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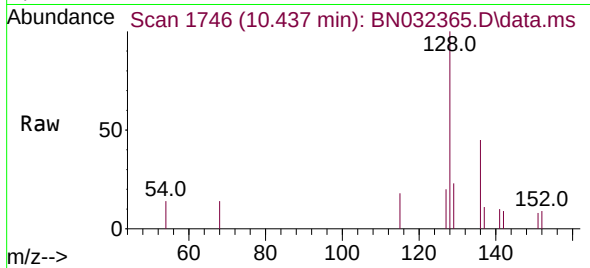
Quant Time: Jul 01 16:54:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.437 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

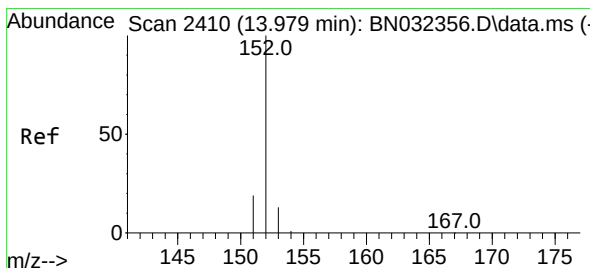
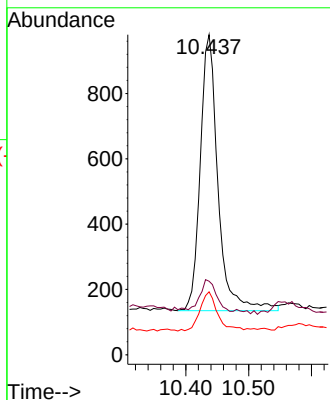
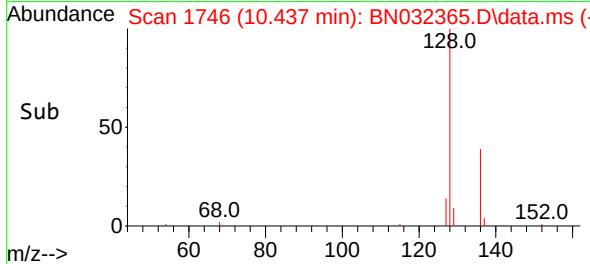
Instrument :
BNA_N
ClientSampleId :
A4B73DL



Tgt Ion:128 Resp: 1650
Ion Ratio Lower Upper
128 100
129 23.0 9.2 13.8
127 19.7 10.8 16.2

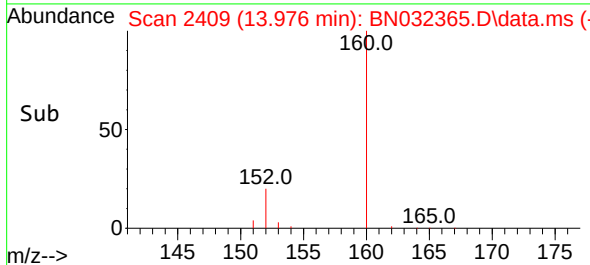
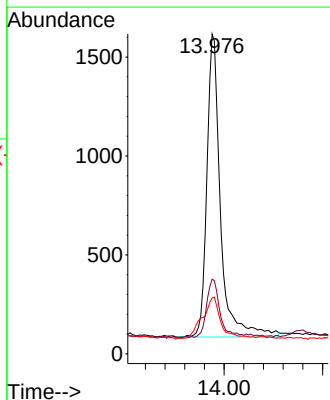
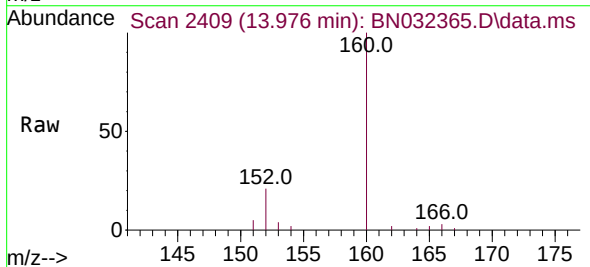
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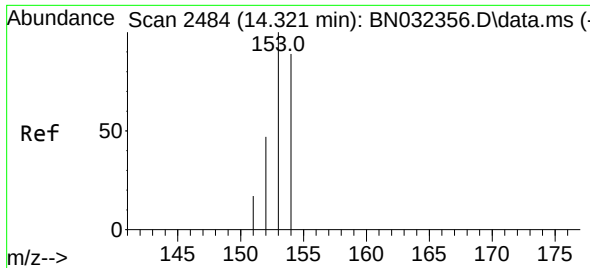
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.063 ng/u1
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

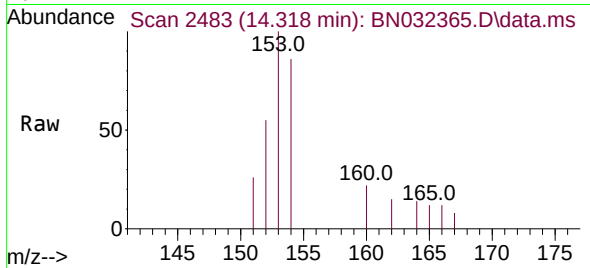
Tgt Ion:152 Resp: 2940
Ion Ratio Lower Upper
152 100
151 23.4 15.7 23.5
153 17.5 10.9 16.3





#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

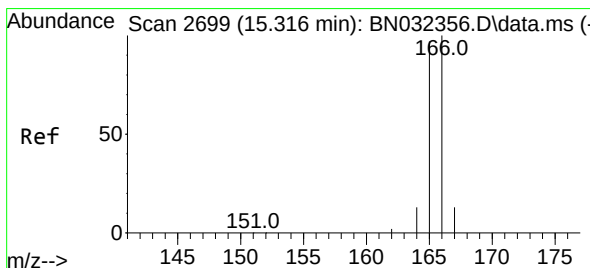
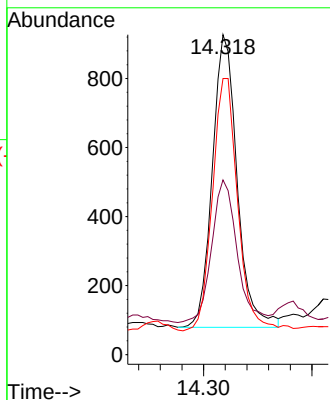
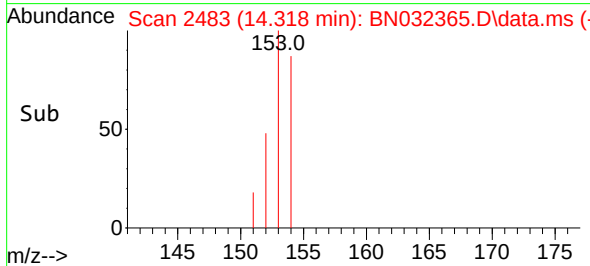
Instrument :
BNA_N
ClientSampleId :
A4B73DL



Tgt Ion:153 Resp: 134
Ion Ratio Lower Upper
153 100
152 54.6 39.5 59.3
154 86.3 71.7 107.5

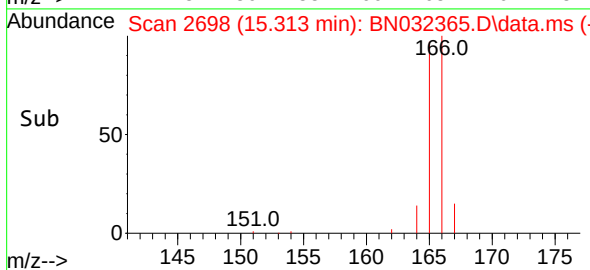
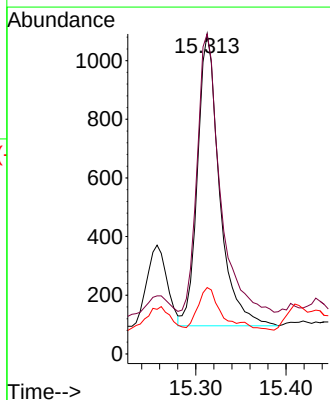
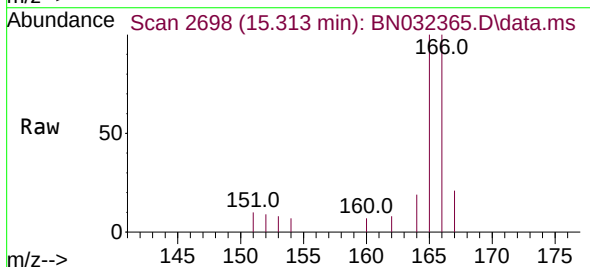
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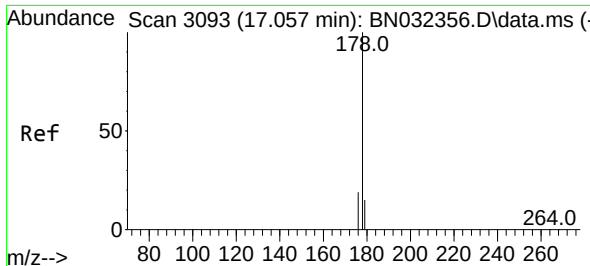
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

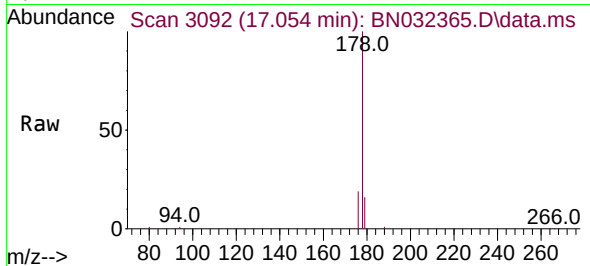
Tgt Ion:166 Resp: 1682
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 20.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.691 ng/u1
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

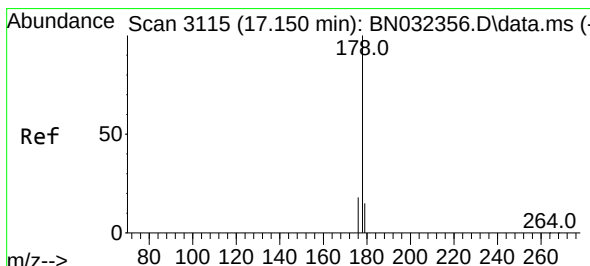
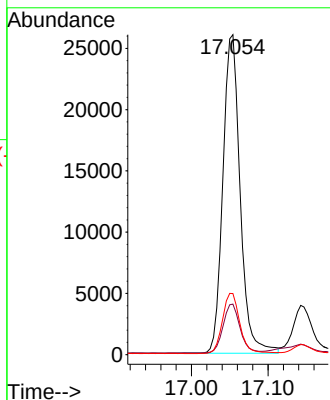
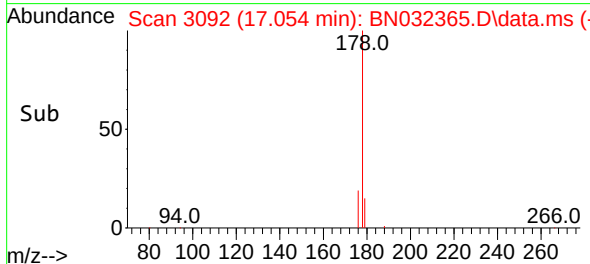
Instrument :
BNA_N
ClientSampleId :
A4B73DL



Tgt Ion:178 Resp: 40759
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.6 23.4

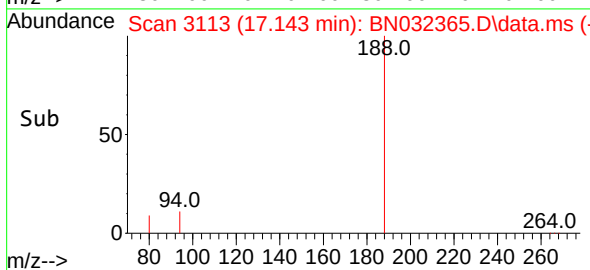
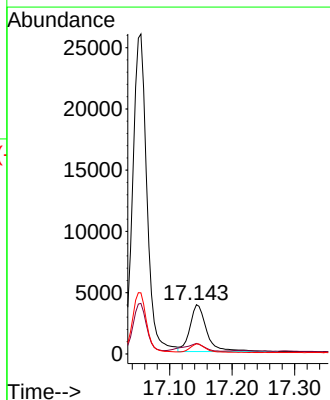
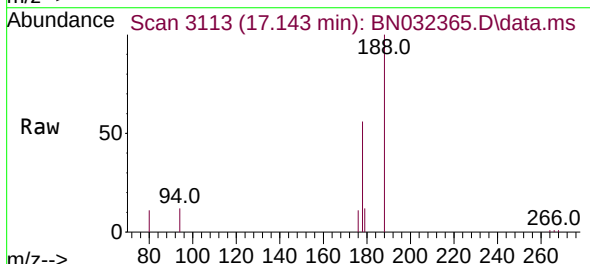
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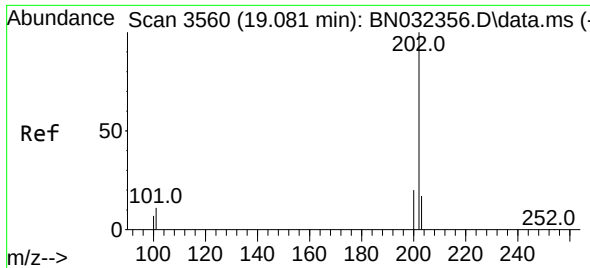
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.136 ng/u1
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

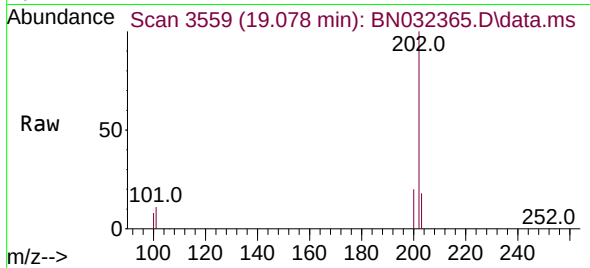
Tgt Ion:178 Resp: 7183
Ion Ratio Lower Upper
178 100
179 21.4 12.5 18.7#
176 20.4 15.0 22.6





#19
Fluoranthene
Concen: 1.283 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

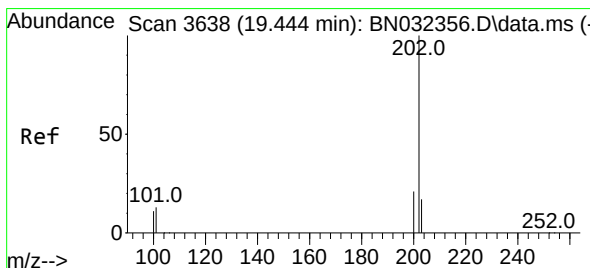
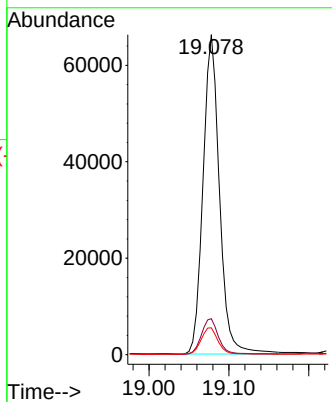
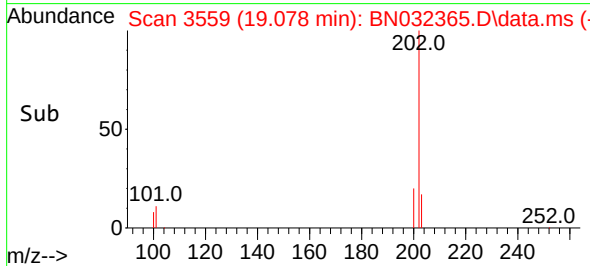
Instrument :
BNA_N
ClientSampleId :
A4B73DL



Tgt Ion:202 Resp: 94879
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 6.4 9.6

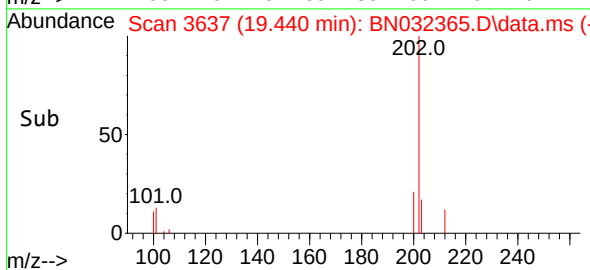
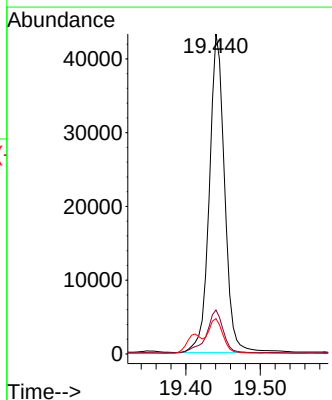
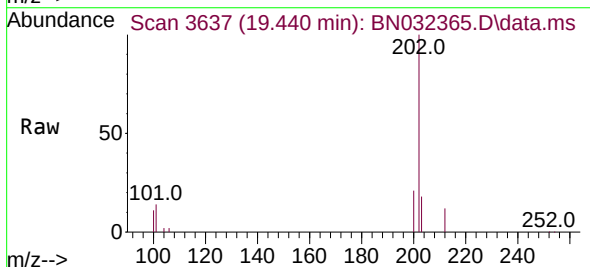
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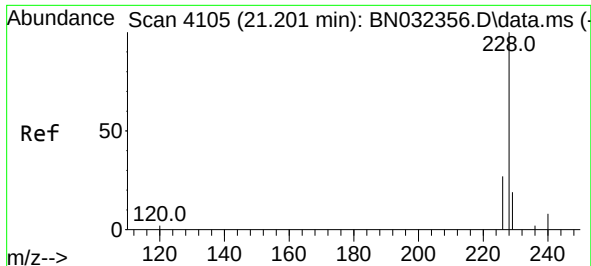
Reviewed By :Jagrut Upadhyay 07/02/2024
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#20
Pyrene
Concen: 0.798 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

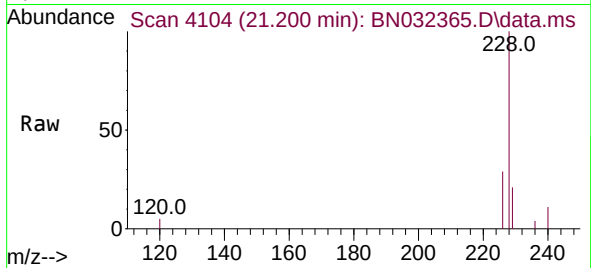
Tgt Ion:202 Resp: 61729
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

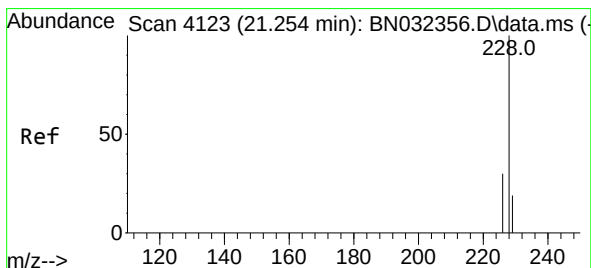
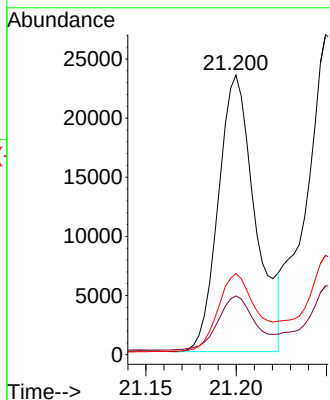
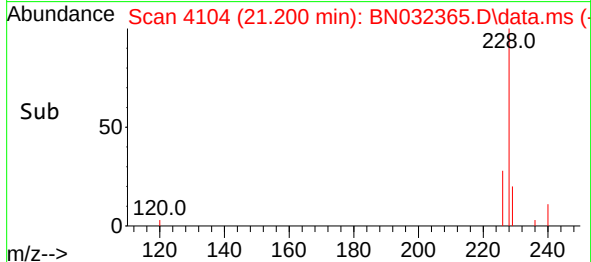
Instrument :
BNA_N
ClientSampleId :
A4B73DL



Tgt Ion:228 Resp: 3332
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.0 21.8 32.8

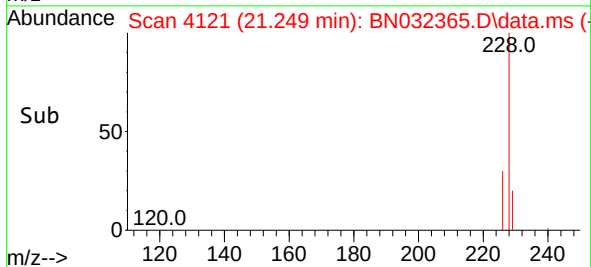
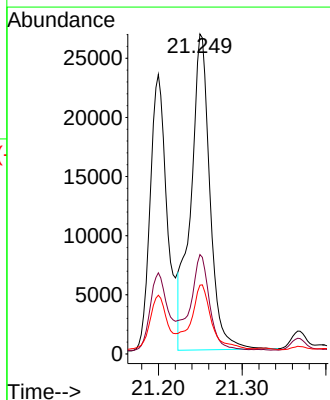
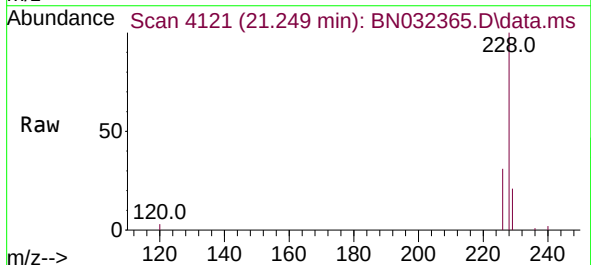
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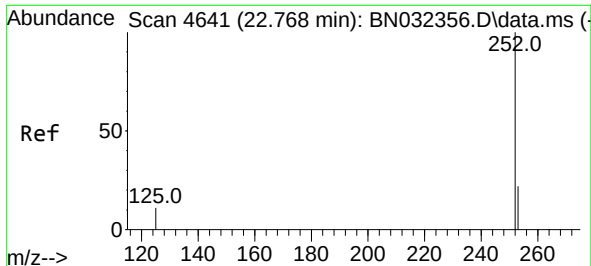
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.552 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

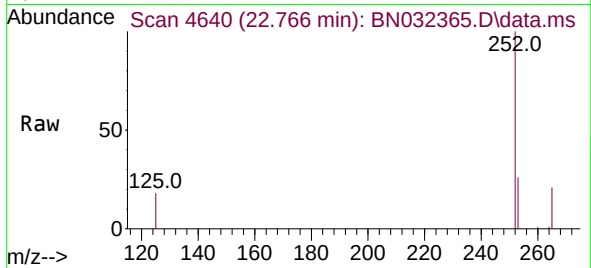
Tgt Ion:228 Resp: 42504
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.597 ng/ul m
RT: 22.766 min Scan# 4641
Delta R.T. -0.018 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

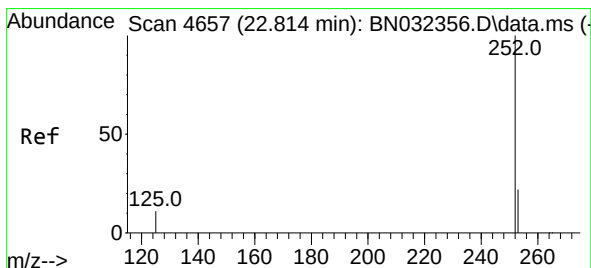
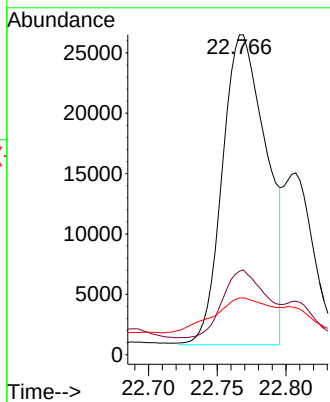
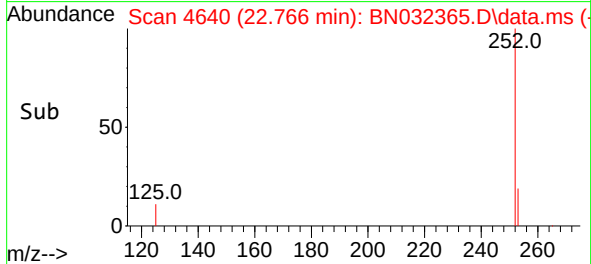
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ClientSampleId :
A4B73DL



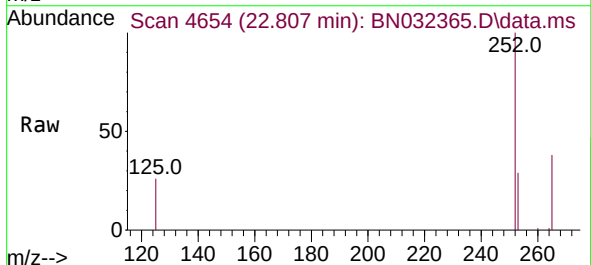
Tgt Ion:252 Resp: 57329
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.2
125 17.7 0.0 32.0

Manual Integrations
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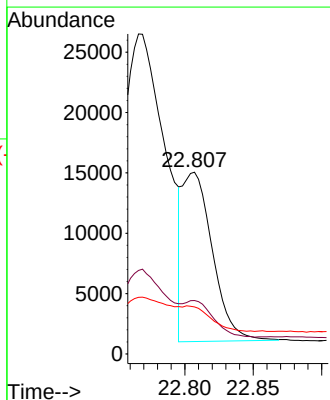
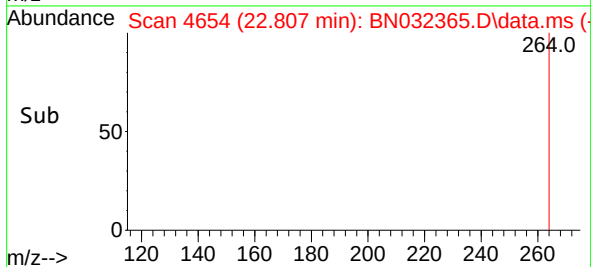
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Supervised By :mohammad ahmed 07/04/2024

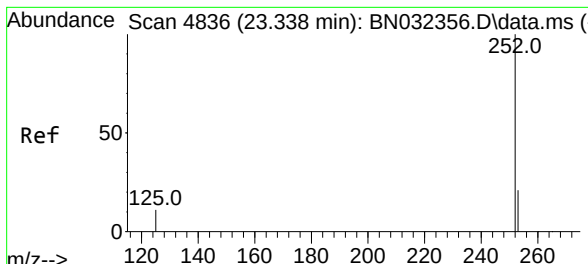


#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25



Tgt Ion:252 Resp: 21376
Ion Ratio Lower Upper
252 100
253 29.4 20.3 30.5
125 25.8 12.8 19.2#





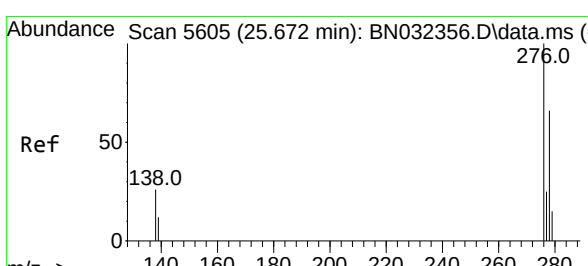
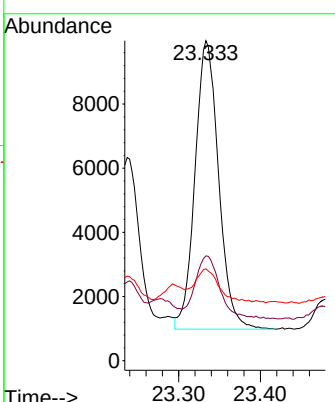
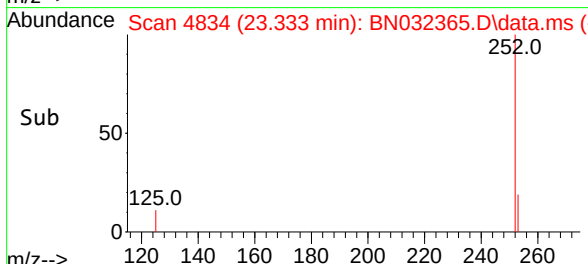
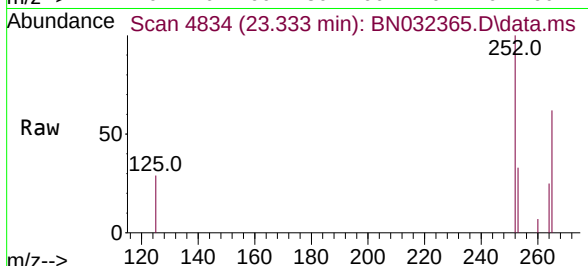
#26
 Benzo(a)pyrene
 Concen: 0.270 ng/ul
 RT: 23.333 min Scan# 4834
 Delta R.T. -0.026 min
 Lab File: BN032365.D
 Acq: 01 Jul 2024 16:25

Instrument : BNA_N
 ClientSampleId : A4B73DL

Tgt Ion:252 Resp: 18014

Ion	Ratio	Lower	Upper
252	100		
253	32.7	22.2	33.2
125	28.7	16.4	24.6

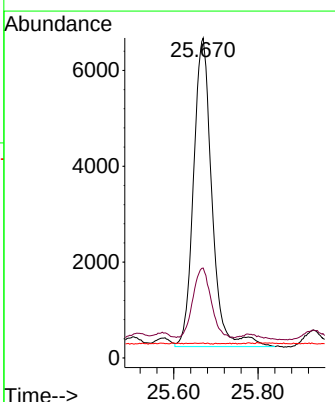
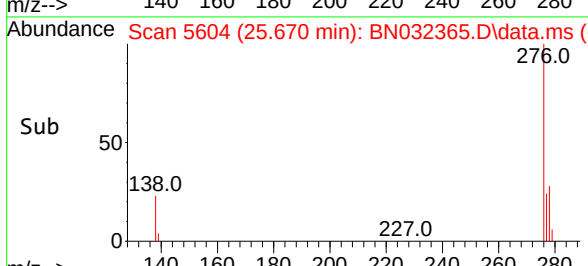
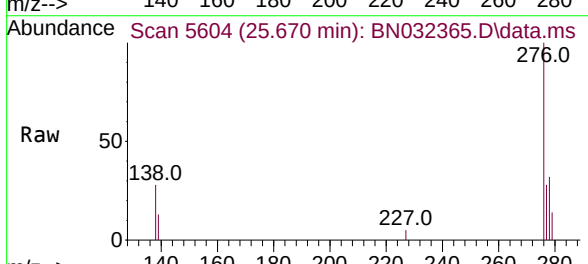
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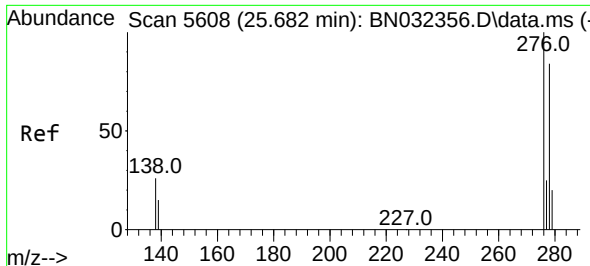


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.186 ng/ul
 RT: 25.670 min Scan# 5604
 Delta R.T. -0.030 min
 Lab File: BN032365.D
 Acq: 01 Jul 2024 16:25

Tgt Ion:276 Resp: 19501

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.3	31.9
227	0.1	0.1	0.1





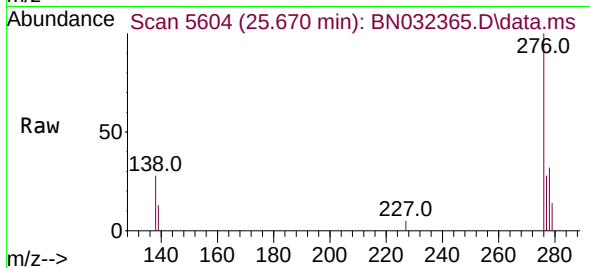
#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.670 min Scan# 5089
Delta R.T. -0.040 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25

Instrument :

BNA_N

ClientSampleId :

A4B73DL

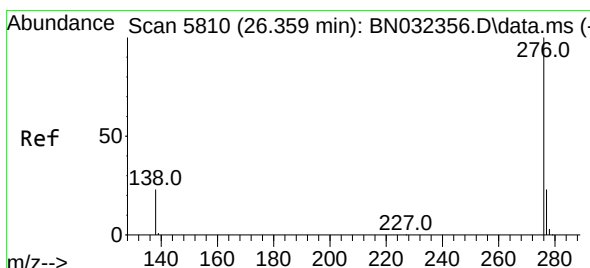
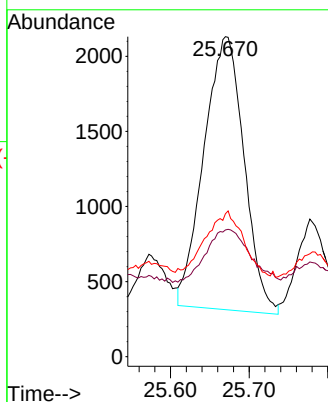
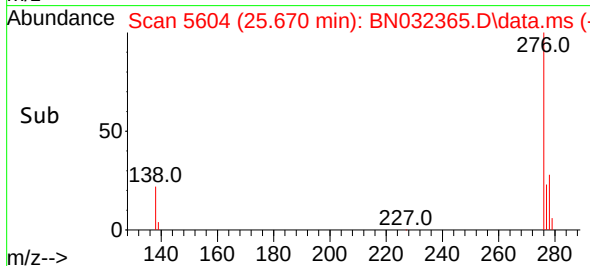


Tgt Ion:278 Resp: 6454
Ion Ratio Lower Upper
278 100
139 39.6 15.9 23.9#
279 44.7 21.1 31.7#

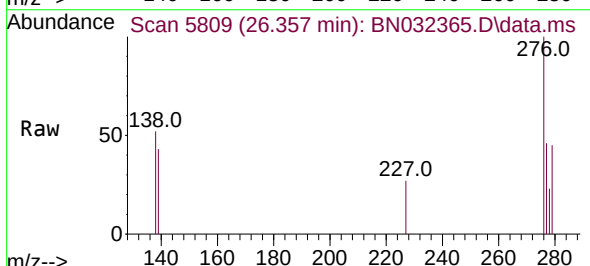
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. -0.024 min
Lab File: BN032365.D
Acq: 01 Jul 2024 16:25



Tgt Ion:276 Resp: 2986
Ion Ratio Lower Upper
276 100
138 52.0 19.8 29.6#
277 46.0 19.8 29.6#

