

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032849.D
 Acq On : 19 Jul 2024 20:01
 Operator : MA/JU
 Sample : P3178-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:20:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	4011	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	13066	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6905	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	11940m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.159	240	9103m	0.400	ng/ul	-0.01
23) Perylene-d12	23.351	264	9950m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	14772	3.067	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152	4368	0.221	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6607	0.223	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	5023	0.143	ng/ul	98
7) 2-Methylnaphthalene	11.977	142	1338	0.061	ng/ul	98
8) 1-Methylnaphthalene	12.202	142	967	0.043	ng/ul	95
10) Acenaphthylene	13.902	152	5216	0.187	ng/ul	96
11) Acenaphthene	14.244	153	2343	0.102	ng/ul	99
12) Fluorene	15.239	166	2905	0.110	ng/ul#	96
15) Phenanthrene	16.982	178	52390m	1.611	ng/ul	
16) Anthracene	17.075	178	10129m	0.381	ng/ul	
19) Fluoranthene	19.013	202	105591	2.853	ng/ul	99
20) Pyrene	19.380	202	65339	1.706	ng/ul	98
21) Benzo(a)anthracene	21.141	228	47992	1.656	ng/ul	97
22) Chrysene	21.194	228	54725	1.306	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	78300m	2.230	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	28521m	0.667	ng/ul	
26) Benzo(a)pyrene	23.251	252	21658	0.713	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.559	276	23105	0.562	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.549	278	9687	0.304	ng/ul#	66
29) Benzo(g,h,i)perylene	26.243	276	3376	0.098	ng/ul#	43

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

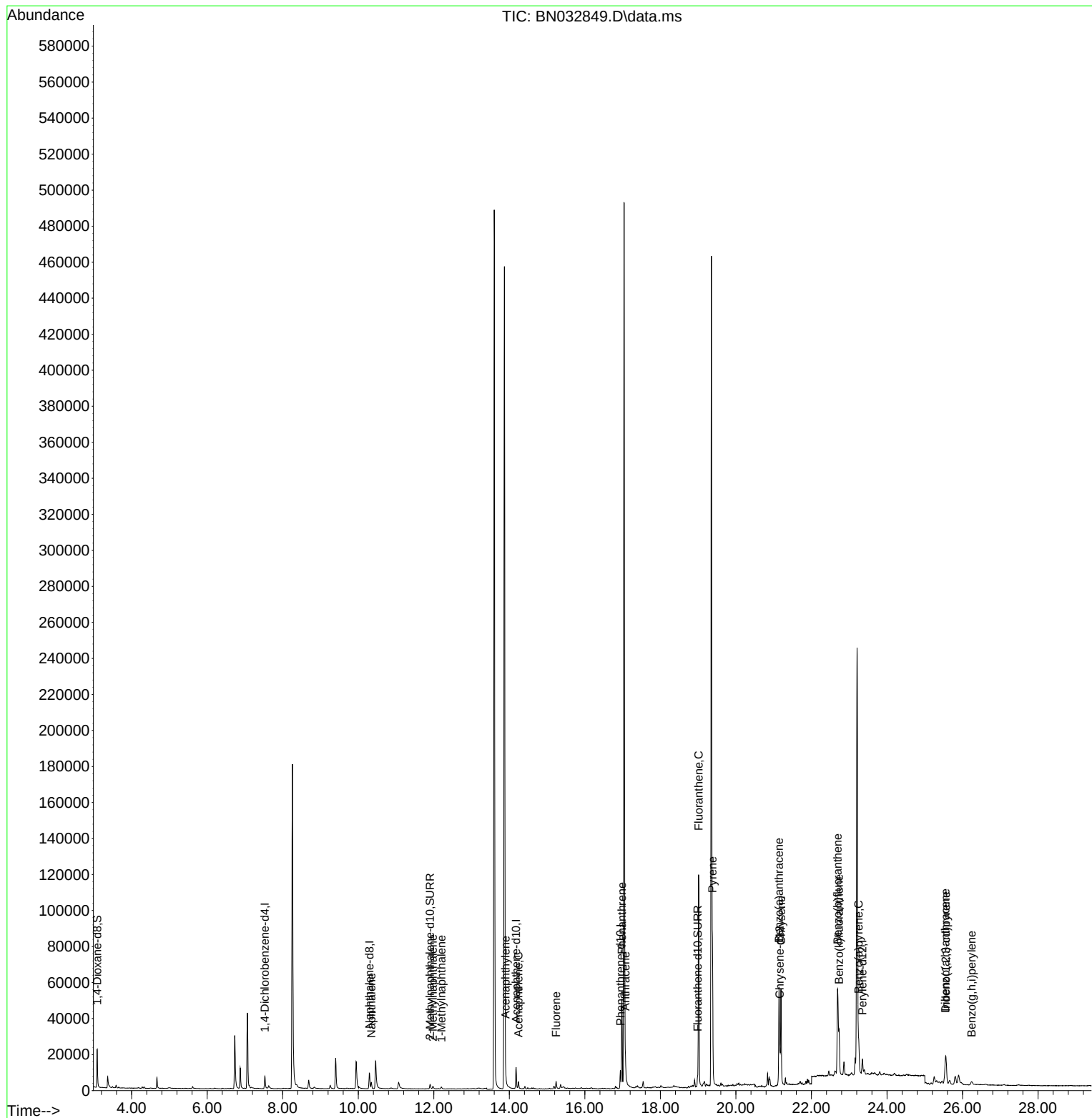
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032849.D
Acq On : 19 Jul 2024 20:01
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

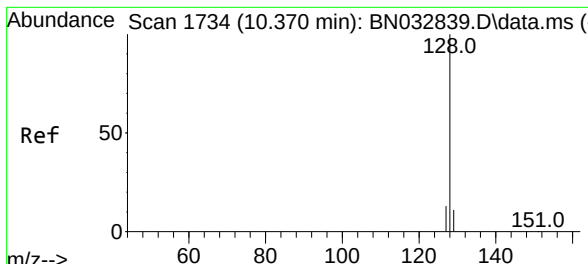
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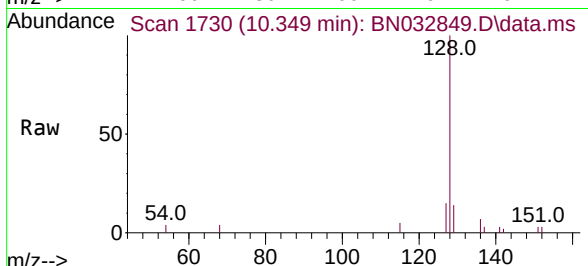
Quant Time: Jul 19 23:20:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.349 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

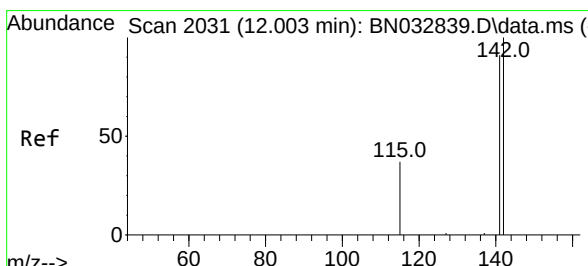
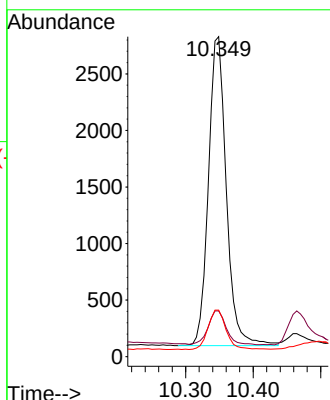
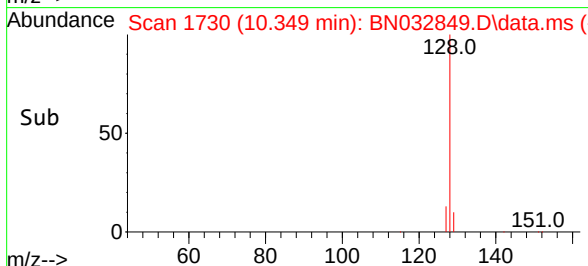
Instrument :
BNA_N
ClientSampleId :
A4BT6



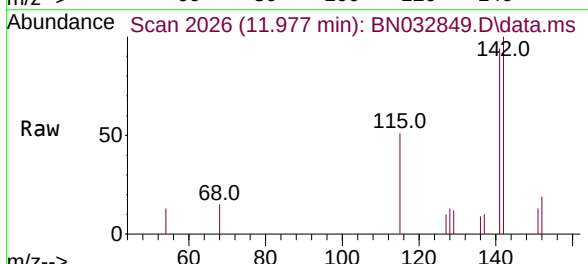
Tgt Ion:128 Resp: 502
Ion Ratio Lower Upper
128 100
129 14.3 10.0 15.0
127 14.5 11.6 17.4

Manual Integrations
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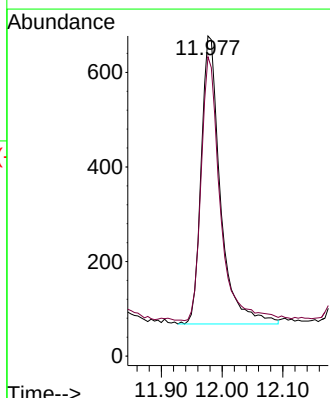
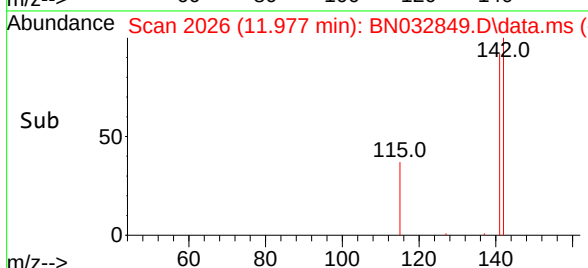
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

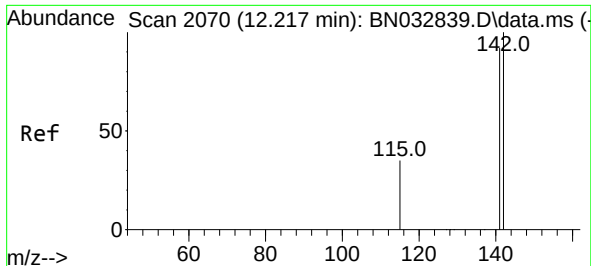


#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.028 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01



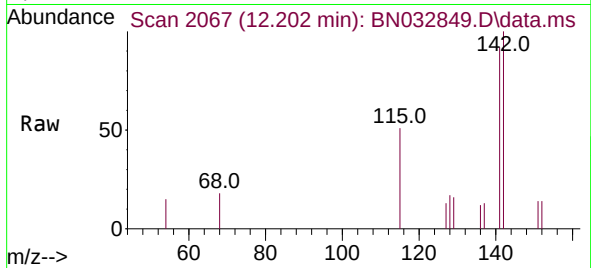
Tgt Ion:142 Resp: 1338
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.017 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

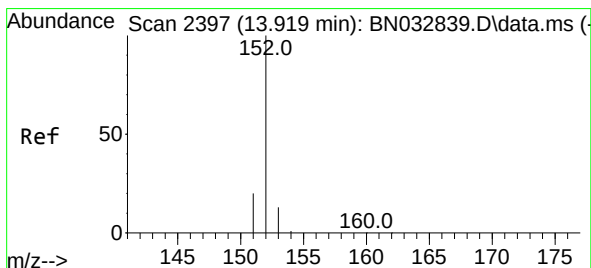
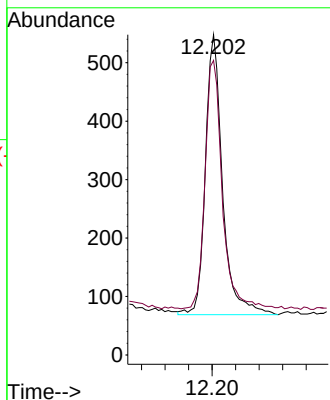
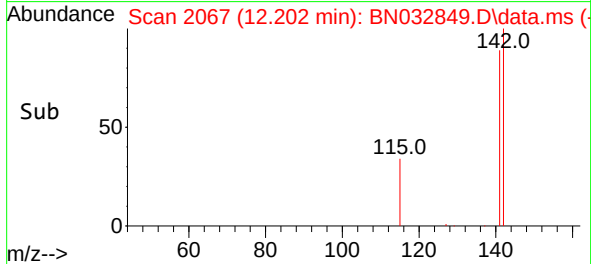
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
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141 89.1 75.0 112.4

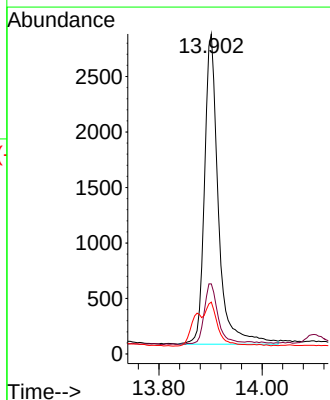
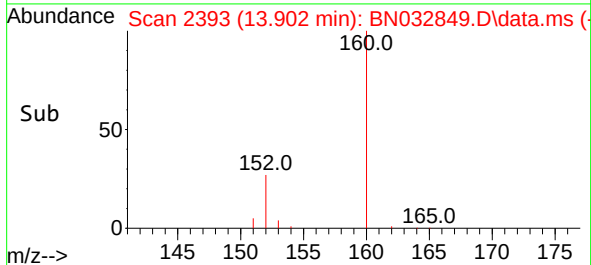
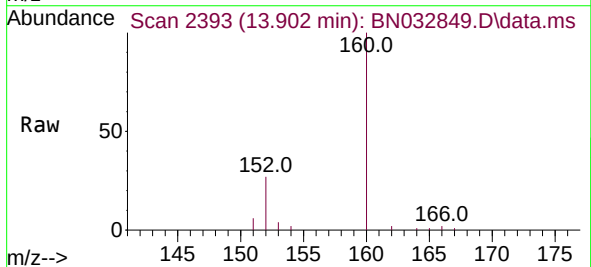
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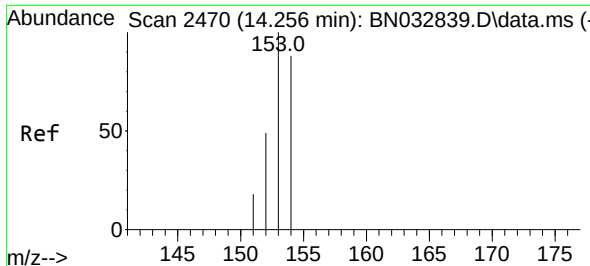
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.187 ng/ul
RT: 13.902 min Scan# 2393
Delta R.T. -0.019 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

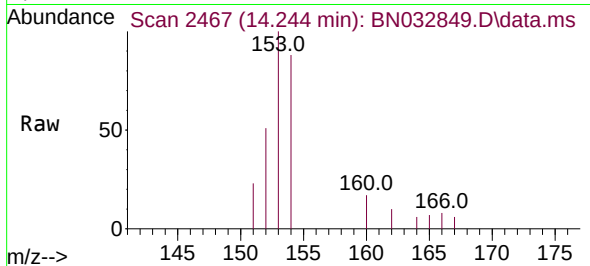
Tgt Ion:152 Resp: 5216
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 16.2 11.3 16.9





#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.244 min Scan# 2470
Delta R.T. -0.014 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

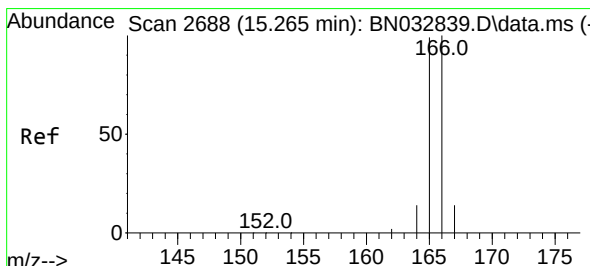
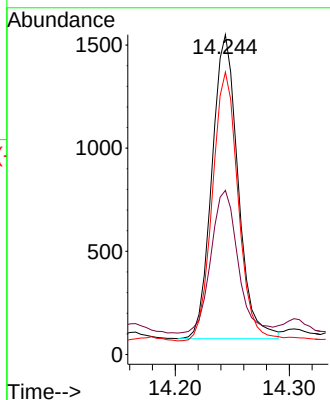
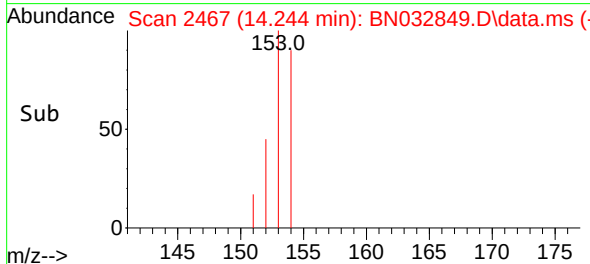
Instrument :
BNA_N
ClientSampleId :
A4BT6



Tgt Ion:153 Resp: 234
Ion Ratio Lower Upper
153 100
152 51.4 40.0 60.0
154 88.3 70.2 105.4

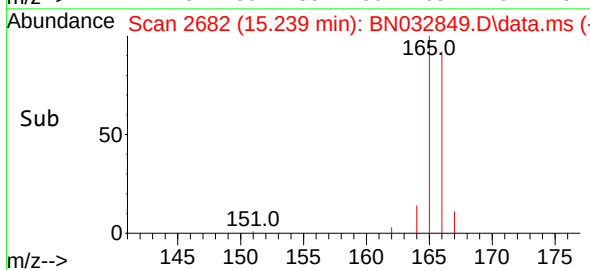
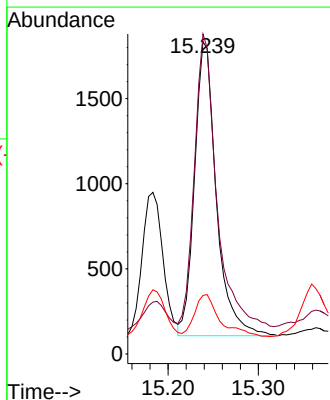
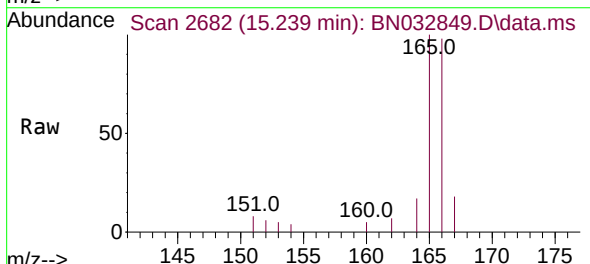
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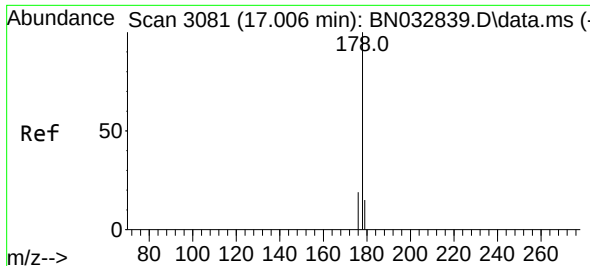
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.110 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.028 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

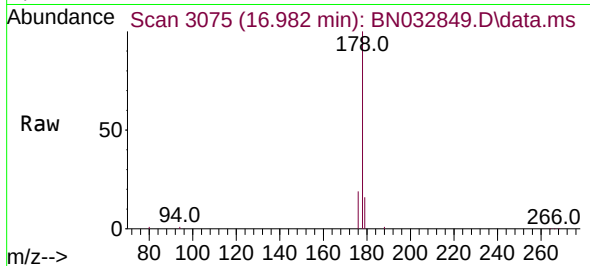
Tgt Ion:166 Resp: 2905
Ion Ratio Lower Upper
166 100
165 102.5 79.7 119.5
167 18.7 11.4 17.2#





#15
Phenanthrene
Concen: 1.611 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.025 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

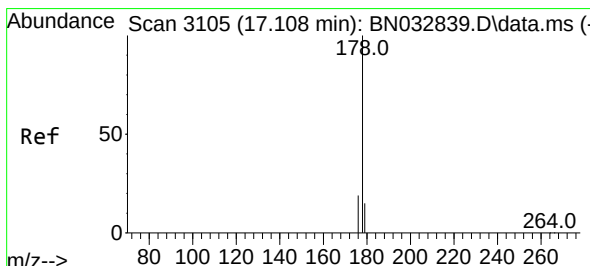
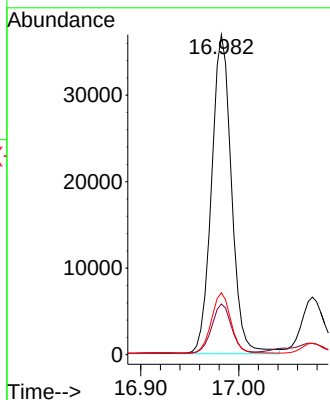
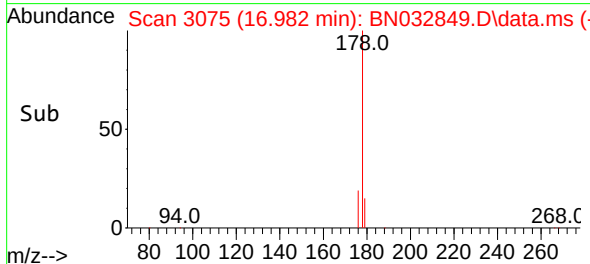
Instrument :
BNA_N
ClientSampleId :
A4BT6



Tgt Ion:178 Resp: 52390
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.3 15.6 23.4

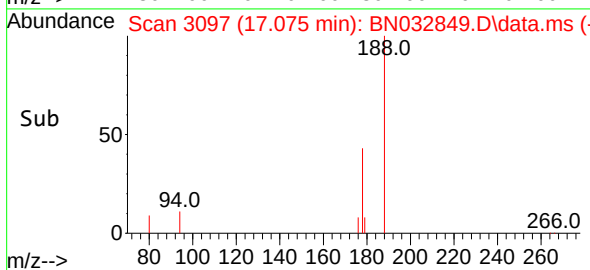
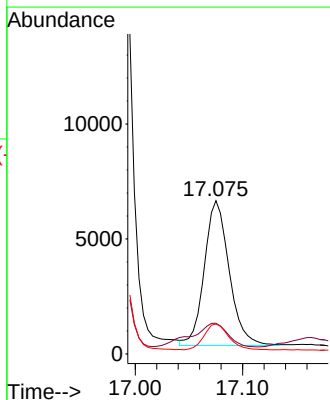
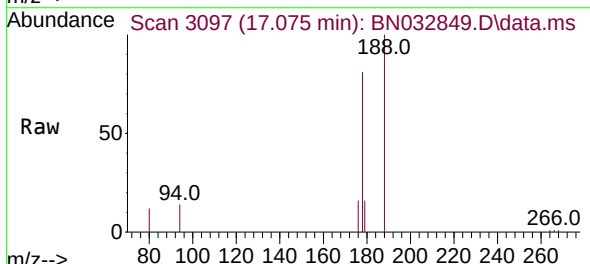
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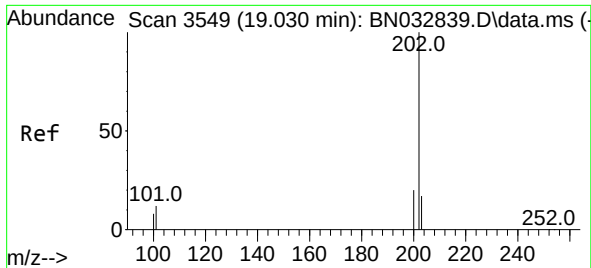
Reviewed By :Yogesh Patel 07/20/2024
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#16
Anthracene
Concen: 0.381 ng/ul m
RT: 17.075 min Scan# 3097
Delta R.T. -0.030 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

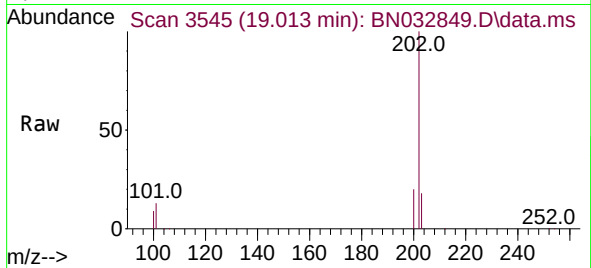
Tgt Ion:178 Resp: 10129
Ion Ratio Lower Upper
178 100
179 20.1 13.4 20.2
176 19.5 15.4 23.0





#19
Fluoranthene
Concen: 2.853 ng/u1
RT: 19.013 min Scan# 3549
Delta R.T. -0.019 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

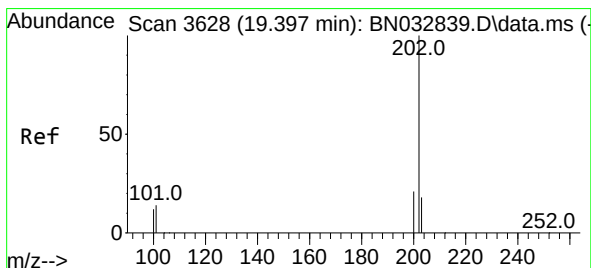
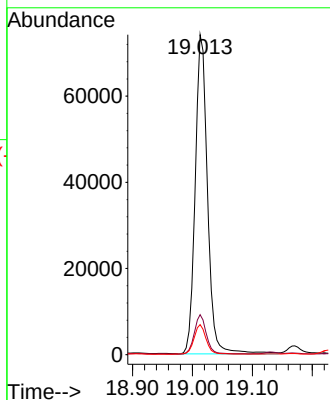
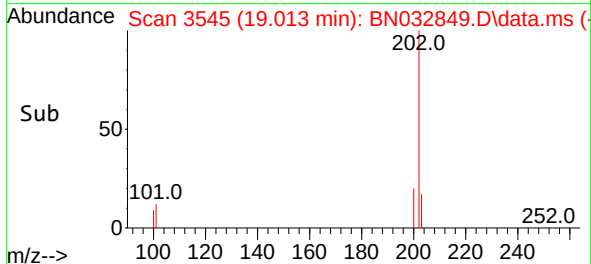
Instrument :
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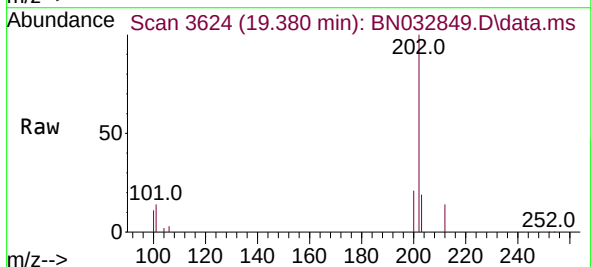
Tgt Ion:202 Resp: 10559
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.4 7.9 11.9

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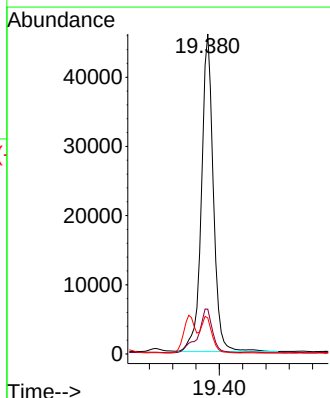
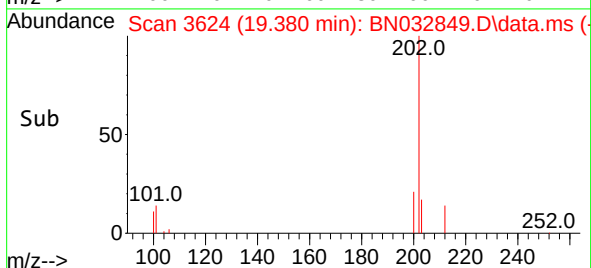
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Supervised By :mohammad ahmed 07/22/2024

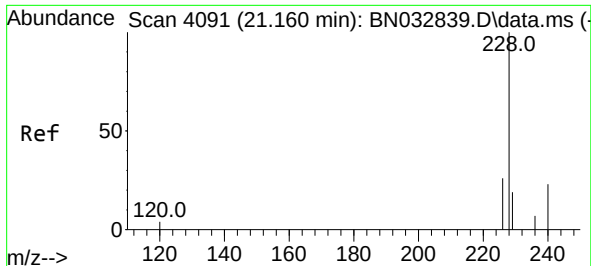


#20
Pyrene
Concen: 1.706 ng/u1
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01



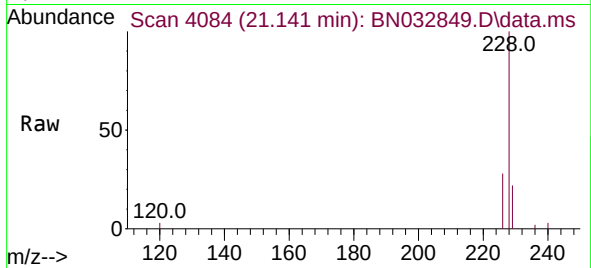
Tgt Ion:202 Resp: 65339
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.656 ng/ul
RT: 21.141 min Scan# 4091
Delta R.T. -0.018 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

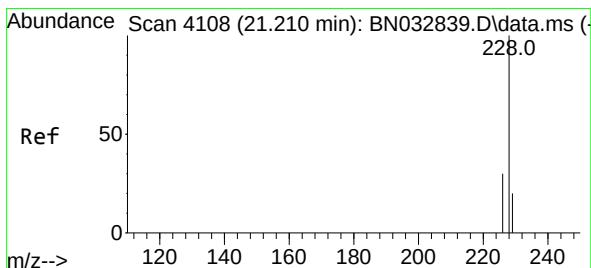
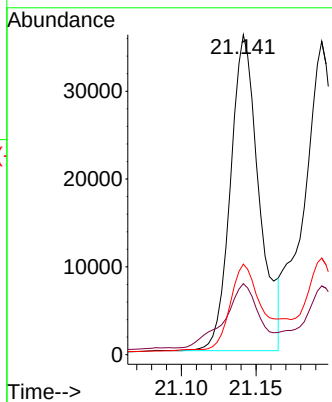
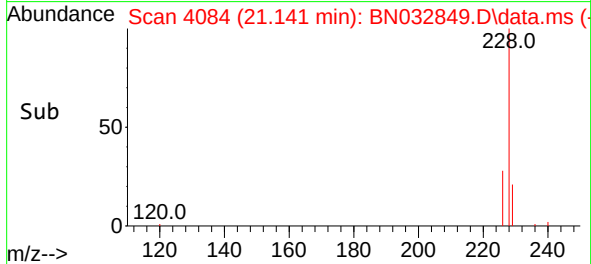
Instrument :
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Tgt Ion:228 Resp: 47992
Ion Ratio Lower Upper
228 100
229 22.2 16.1 24.1
226 28.3 21.9 32.9

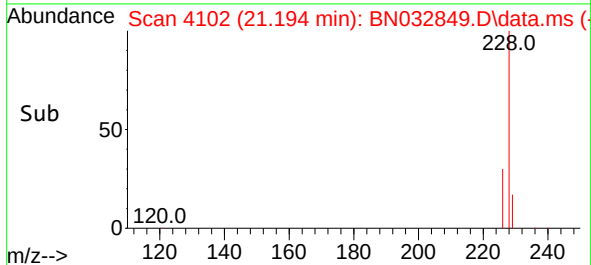
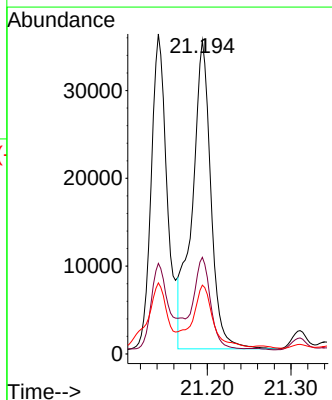
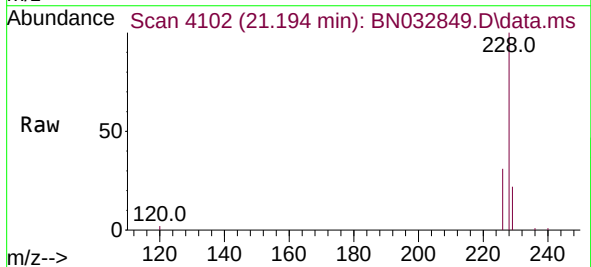
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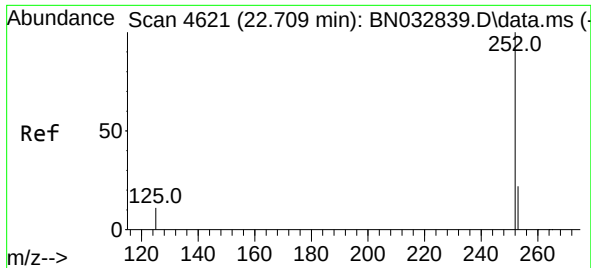
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 1.306 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.018 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

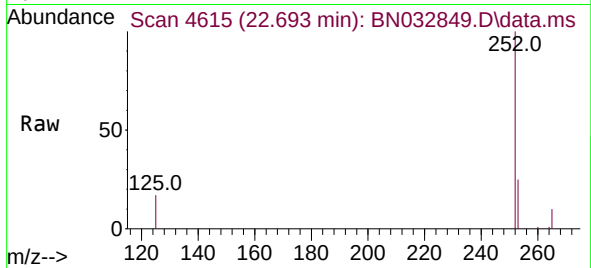
Tgt Ion:228 Resp: 54725
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.230 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.018 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

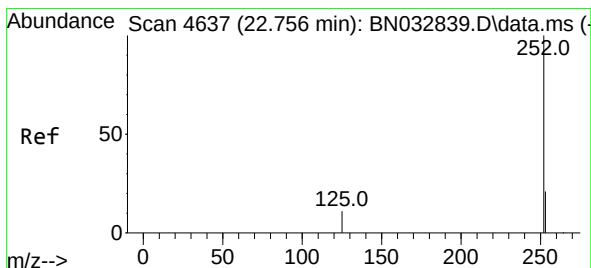
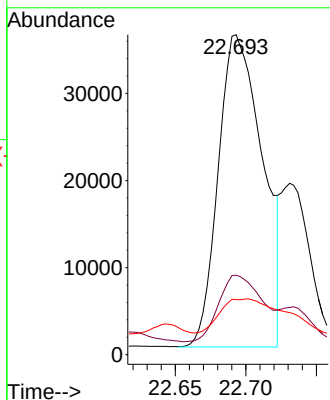
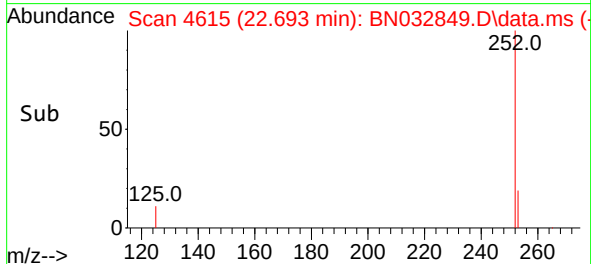
Instrument :
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ClientSampleId :
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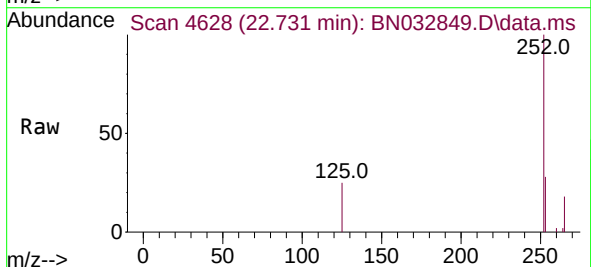
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Ion Ratio Lower Upper
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125 17.2 0.0 36.0

Manual Integrations
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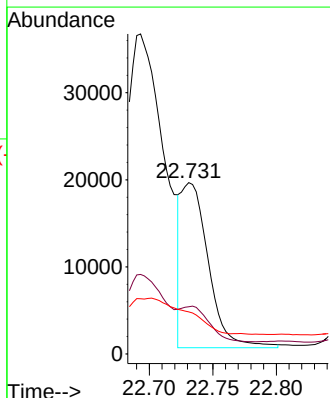
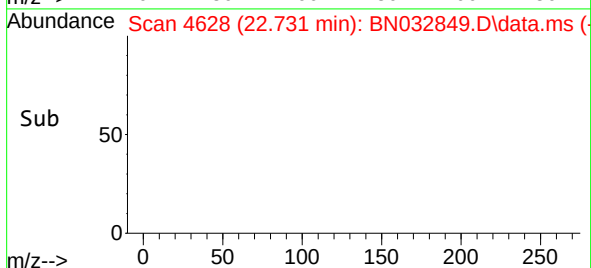
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

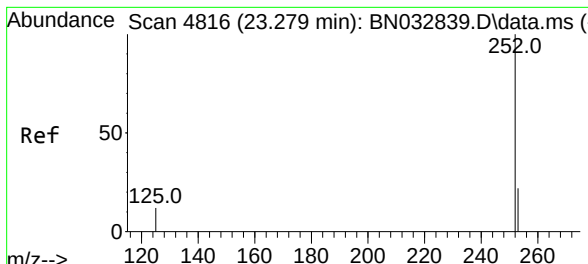


#25
Benzo(k)fluoranthene
Concen: 0.667 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.023 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01



Tgt Ion:252 Resp: 28521
Ion Ratio Lower Upper
252 100
253 27.6 21.2 31.8
125 24.6 14.8 22.2#





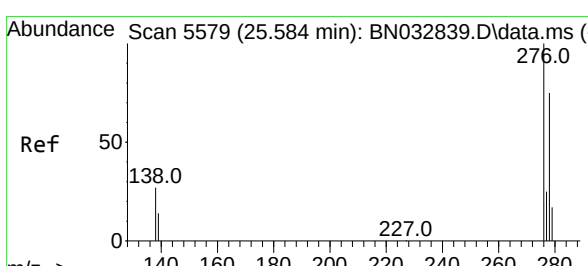
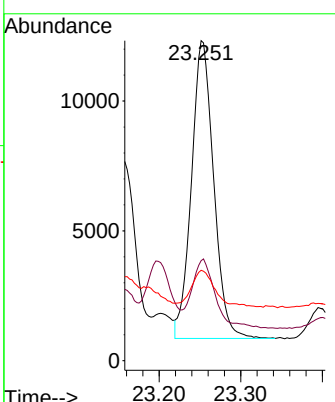
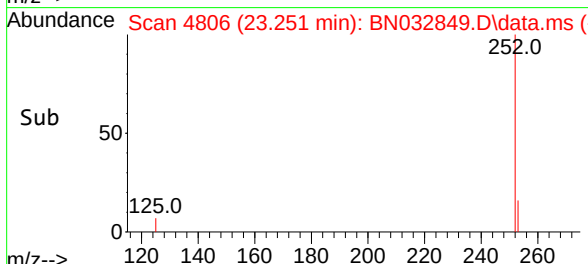
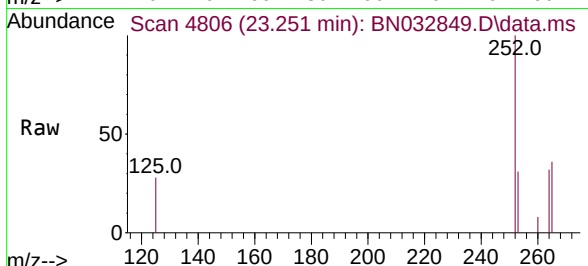
#26
 Benzo(a)pyrene
 Concen: 0.713 ng/ul
 RT: 23.251 min Scan# 4816
 Delta R.T. -0.026 min
 Lab File: BN032849.D
 Acq: 19 Jul 2024 20:01

Instrument :
 BNA_N
 ClientSampleId :
 A4BT6

Tgt Ion:252 Resp: 21658

Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.4	38.0
125	28.3	20.6	30.8

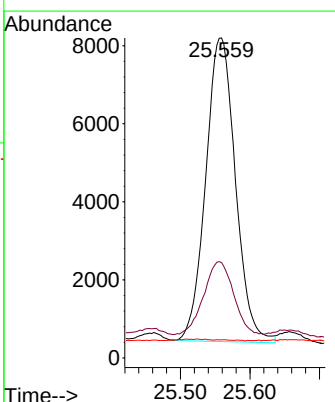
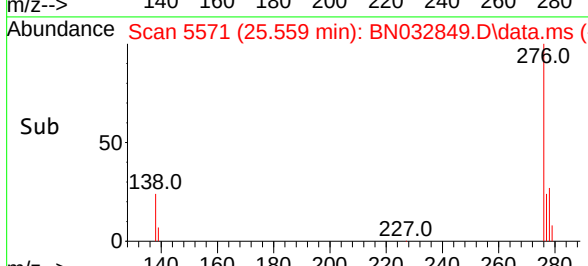
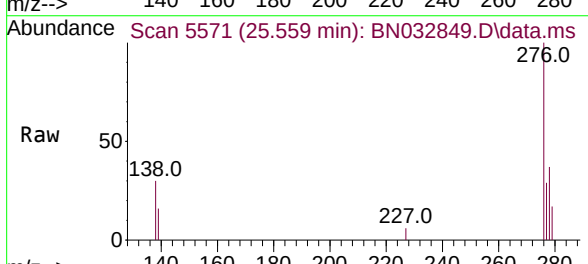
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

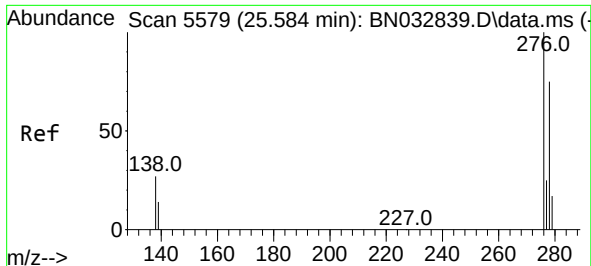


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.562 ng/ul
 RT: 25.559 min Scan# 5571
 Delta R.T. -0.023 min
 Lab File: BN032849.D
 Acq: 19 Jul 2024 20:01

Tgt Ion:276 Resp: 23105

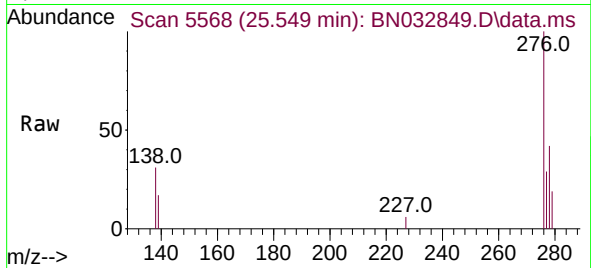
Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.6	32.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 25.549 min Scan# 51
Delta R.T. -0.040 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01

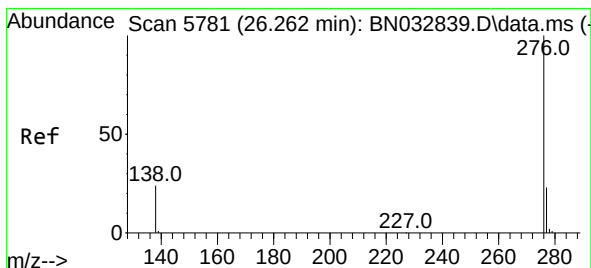
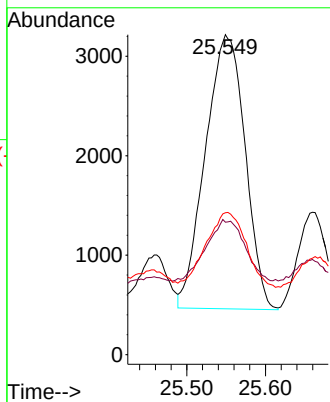
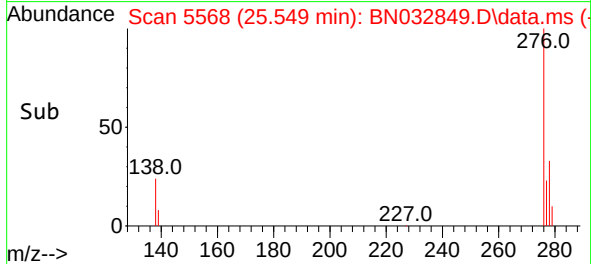
Instrument :
BNA_N
ClientSampleId :
A4BT6



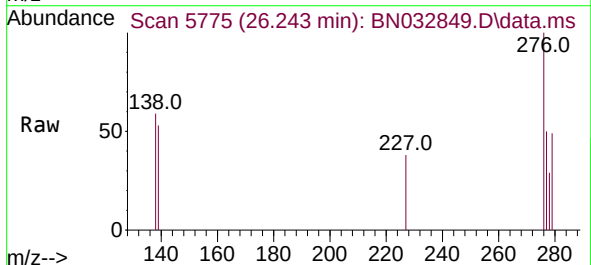
Tgt Ion:278 Resp: 968
Ion Ratio Lower Upper
278 100
139 41.4 16.6 24.8
279 44.4 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.017 min
Lab File: BN032849.D
Acq: 19 Jul 2024 20:01



Tgt Ion:276 Resp: 3376
Ion Ratio Lower Upper
276 100
138 59.4 21.0 31.4#
277 50.3 20.6 31.0#

