

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032869.D
 Acq On : 20 Jul 2024 08:39
 Operator : MA/JU
 Sample : P3238-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C04

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 22:43:15 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	4969	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	15270	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	9191	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	16254m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	10961m	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	17585m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	16699	2.799	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	4899	0.212	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8442m	0.236	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	100705	2.456	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	36613	1.430	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	28002	1.058	ng/ul	99
10) Acenaphthylene	13.897	152	31856	0.858	ng/ul	97
11) Acenaphthene	14.239	153	158414	5.159	ng/ul	98
12) Fluorene	15.234	166	189135	5.388	ng/ul	99
15) Phenanthrene	16.982	178	2521204m	56.955	ng/ul	
16) Anthracene	17.071	178	520022m	14.379	ng/ul	
19) Fluoranthene	19.017	202	3238715m	72.674	ng/ul	
20) Pyrene	19.385	202	2479084m	53.743	ng/ul	
21) Benzo(a)anthracene	21.141	228	1478684m	42.381	ng/ul	
22) Chrysene	21.194	228	1507116m	29.860	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	1736662m	27.990	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	757676m	10.020	ng/ul	
26) Benzo(a)pyrene	23.254	252	835582m	15.562	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.559	276	642577m	8.838	ng/ul	
28) Dibenzo(a,h)anthracene	25.556	278	231271m	4.104	ng/ul	
29) Benzo(g,h,i)perylene	26.240	276	96428m	1.587	ng/ul	

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

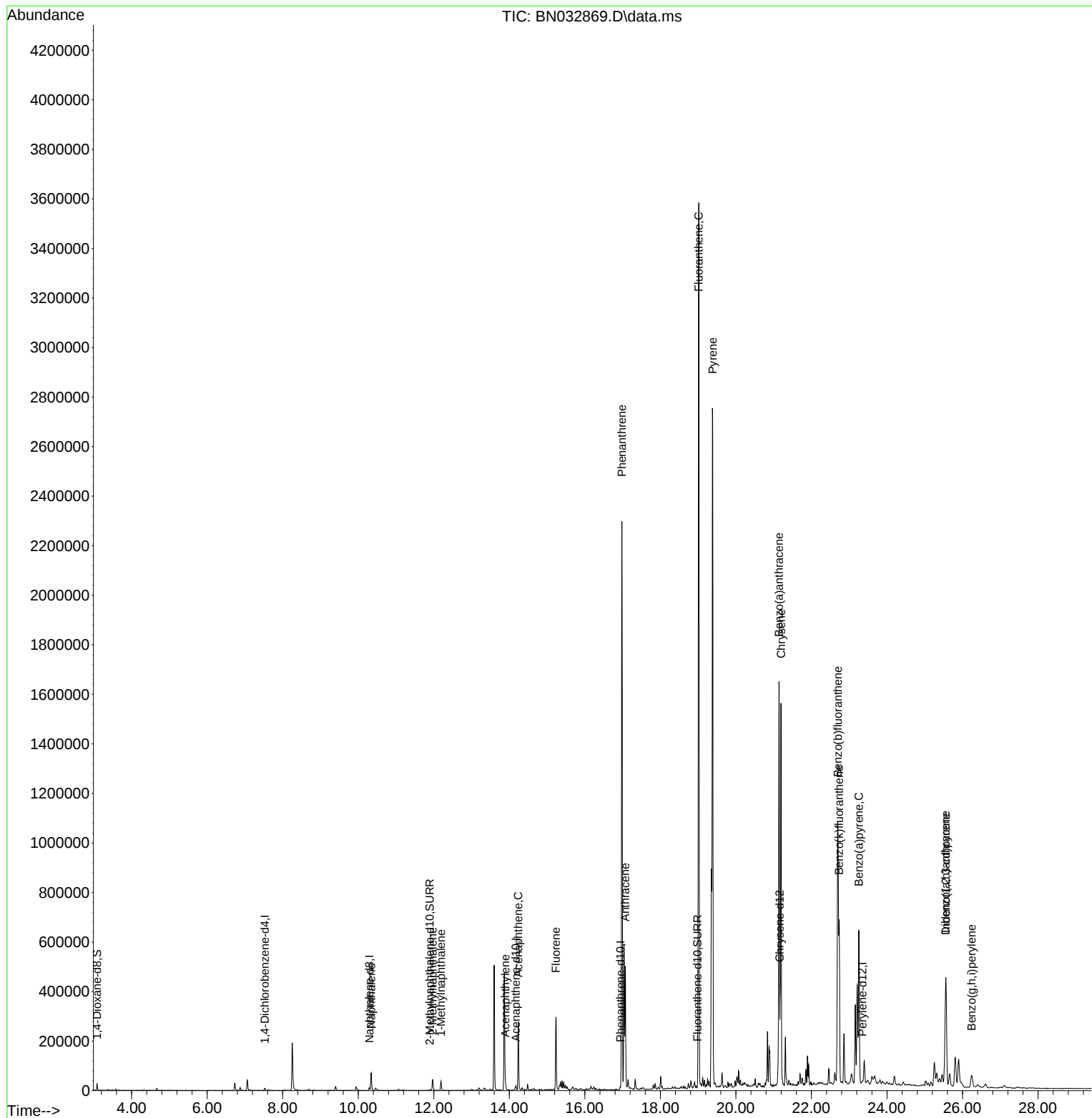
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032869.D
Acq On : 20 Jul 2024 08:39
Operator : MA/JU
Sample : P3238-17
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ALS Vial : 33 Sample Multiplier: 1

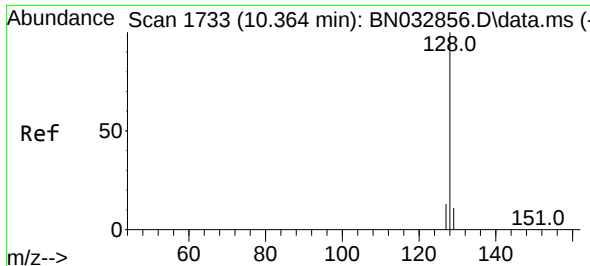
Instrument :
BNA_N
ClientSampleId :
A4C04

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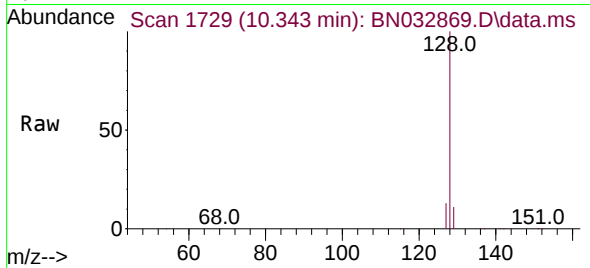
Quant Time: Jul 21 22:43:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.456 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

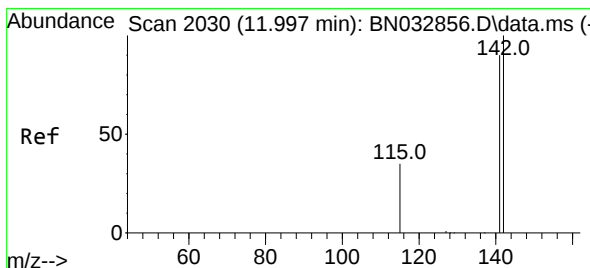
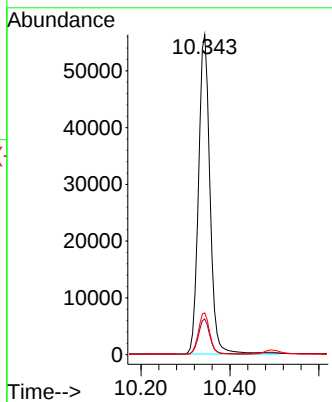
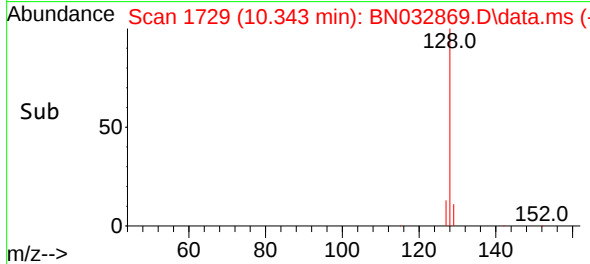
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:128 Resp: 10070
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.0 11.6 17.4

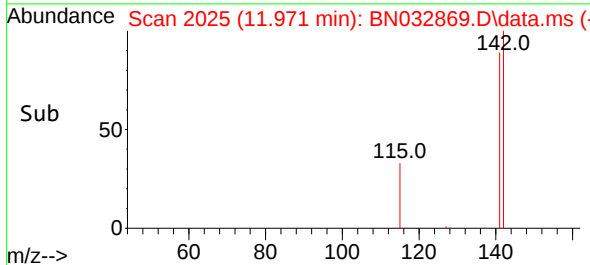
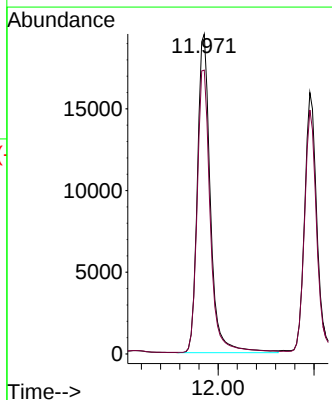
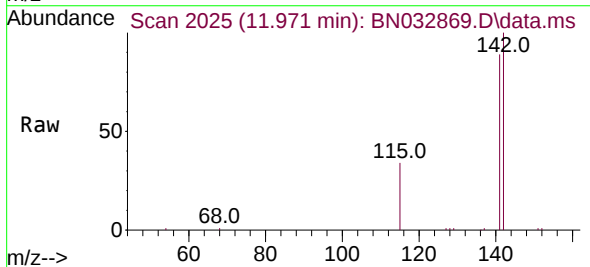
Manual Integrations
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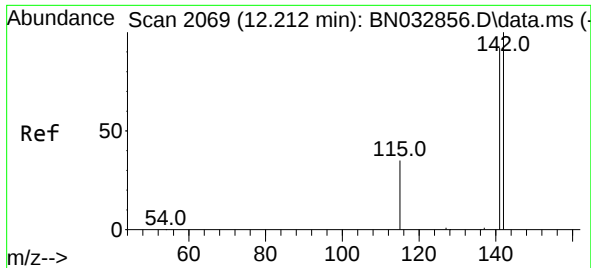
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 1.430 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

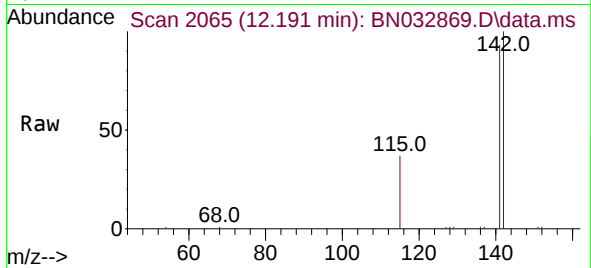
Tgt Ion:142 Resp: 36613
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 1.058 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.020 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

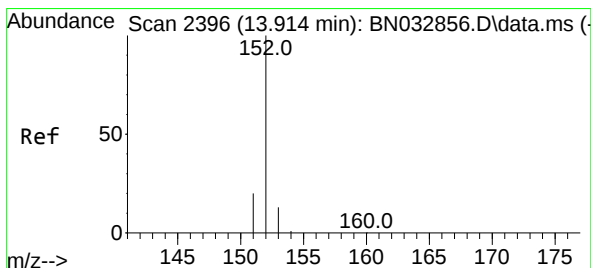
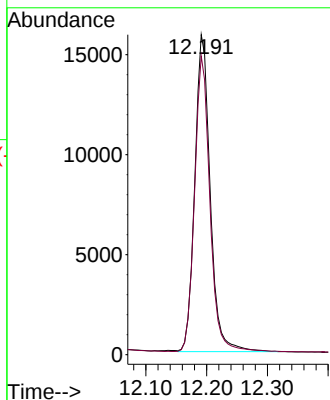
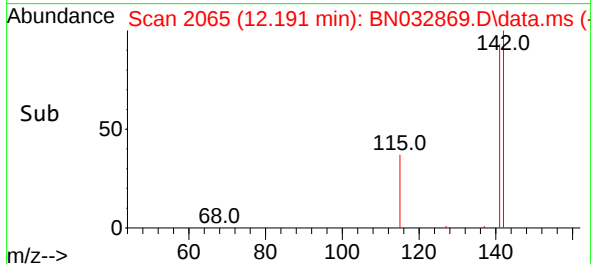
Instrument :
BNA_N
ClientSampleId :
A4C04



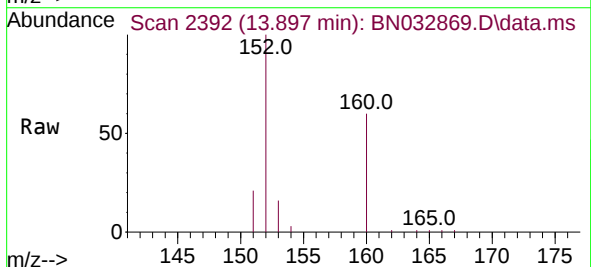
Tgt Ion:142 Resp: 2800
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4

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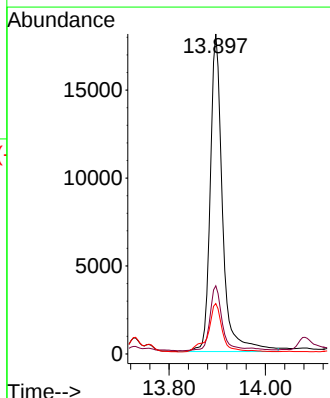
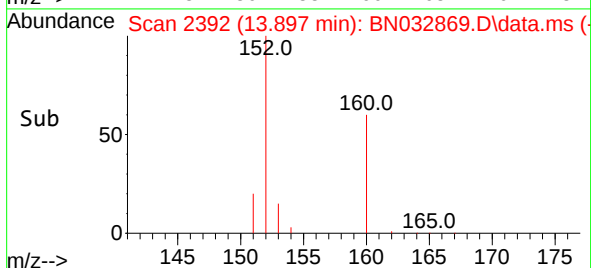
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

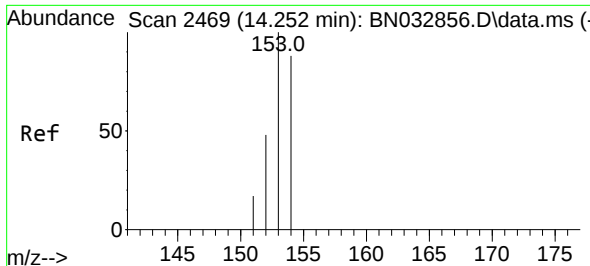


#10
Acenaphthylene
Concen: 0.858 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39



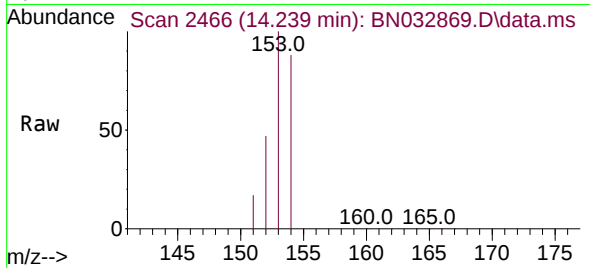
Tgt Ion:152 Resp: 31856
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.7 11.3 16.9





#11
Acenaphthene
Concen: 5.159 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

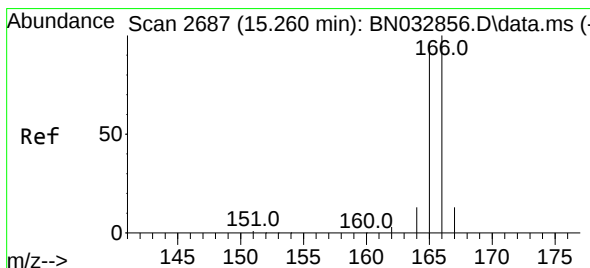
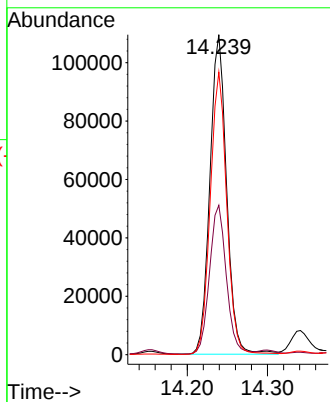
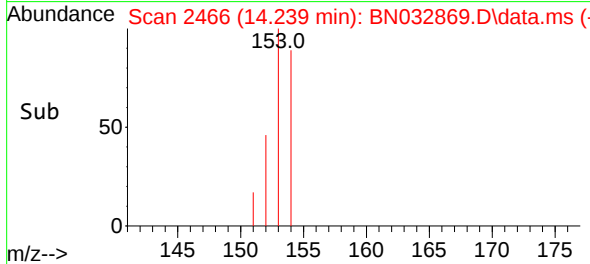
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:153 Resp: 158414
Ion Ratio Lower Upper
153 100
152 46.7 40.0 60.0
154 88.3 70.2 105.4

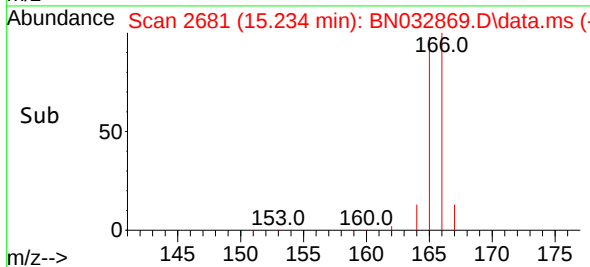
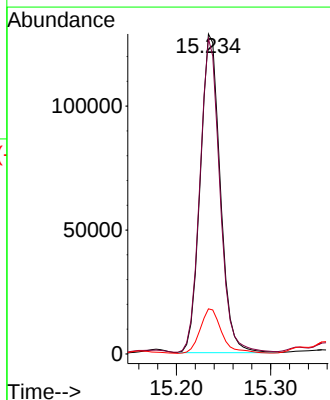
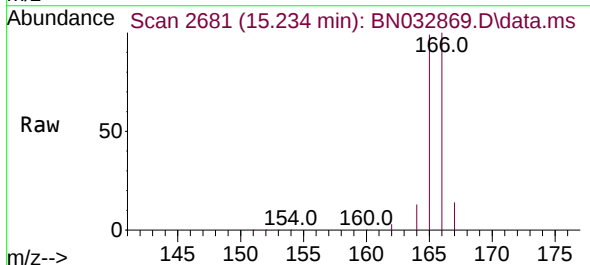
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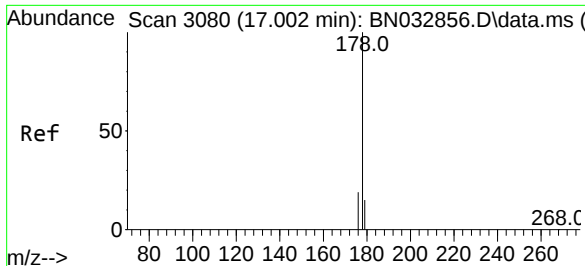
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 5.388 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

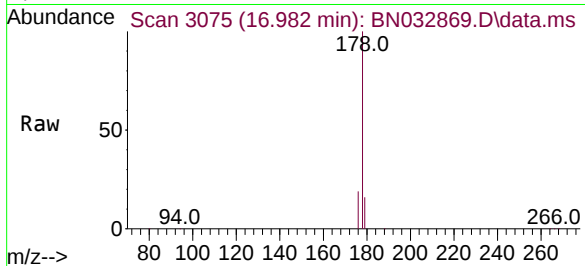
Tgt Ion:166 Resp: 189135
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 14.1 11.4 17.2





#15
Phenanthrene
Concen: 56.955 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

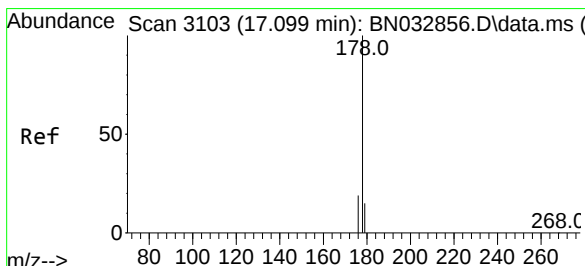
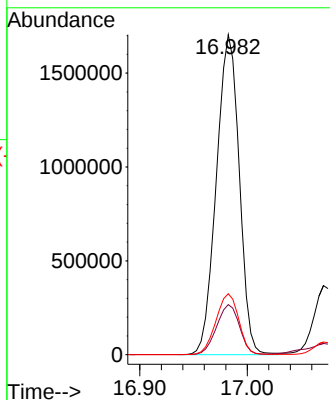
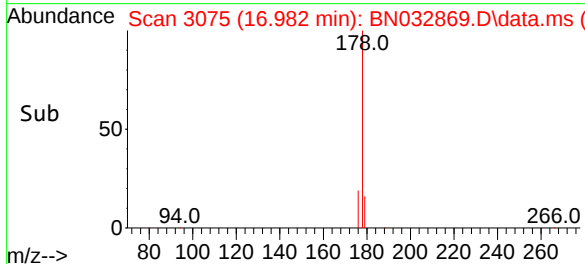
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:178 Resp: 2521204
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.6 23.4

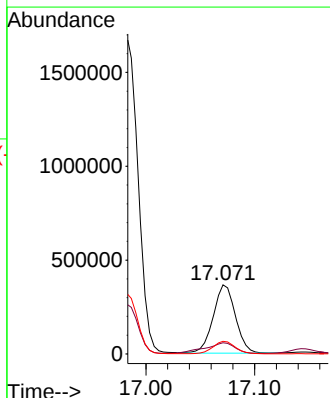
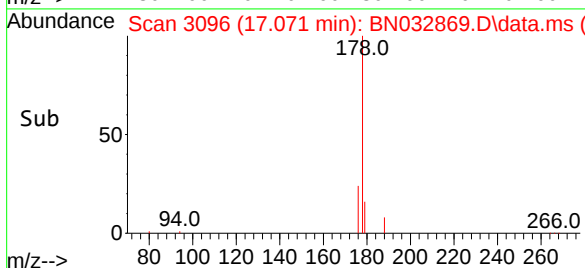
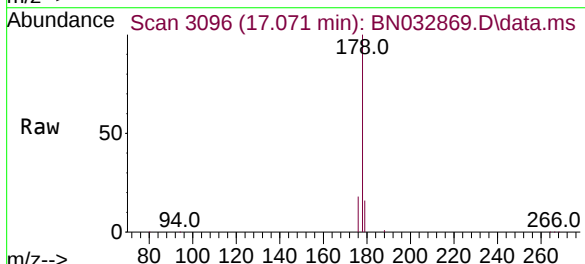
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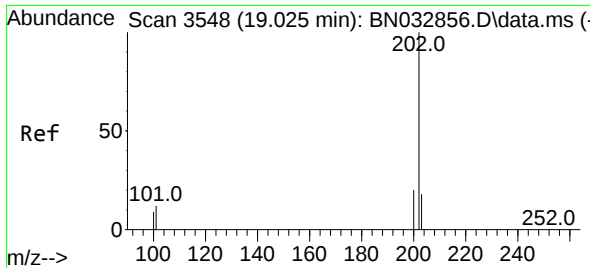
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 14.379 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

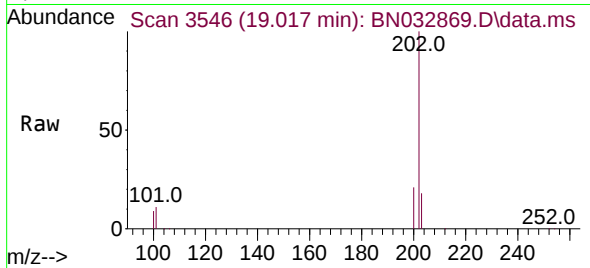
Tgt Ion:178 Resp: 520022
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 72.674 ng/ul m
RT: 19.017 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

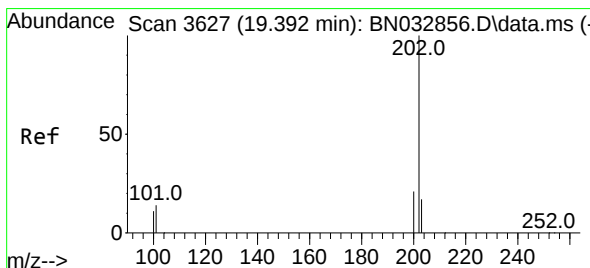
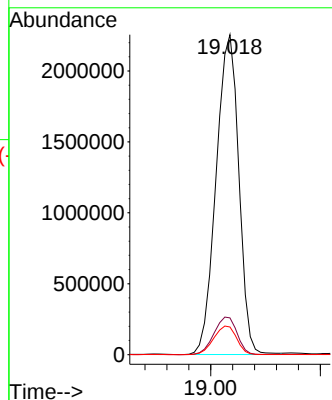
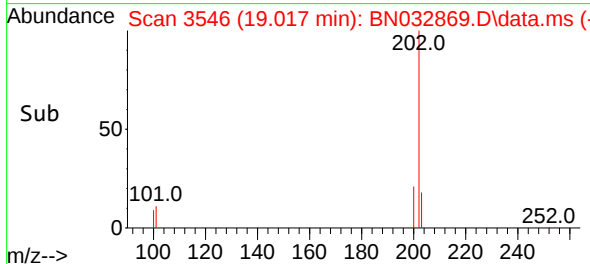
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:202 Resp: 323871
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.6 7.9 11.9

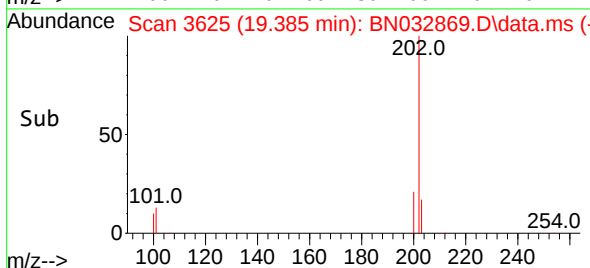
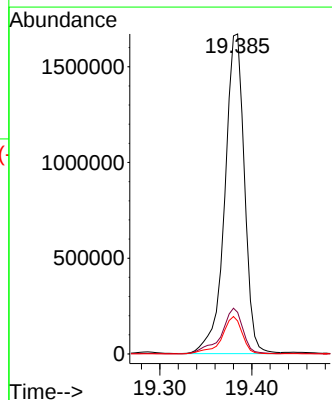
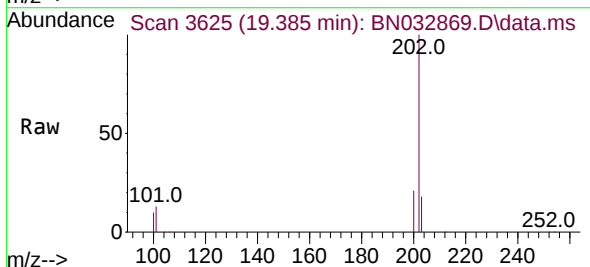
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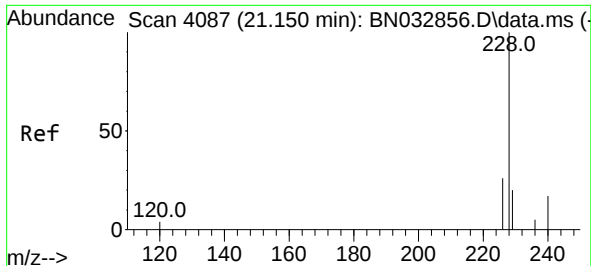
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 53.743 ng/ul m
RT: 19.385 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

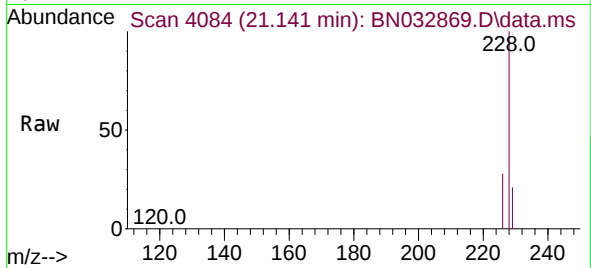
Tgt Ion:202 Resp: 2479084
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 42.381 ng/ul m
RT: 21.141 min Scan# 4084
Delta R.T. -0.009 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

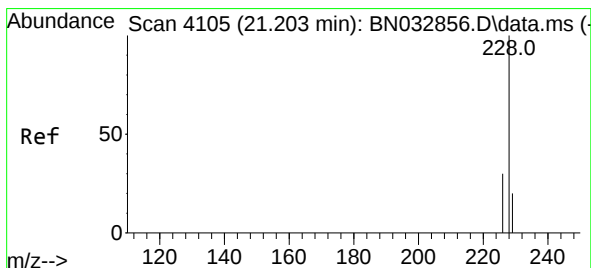
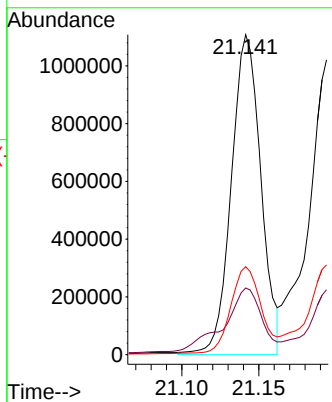
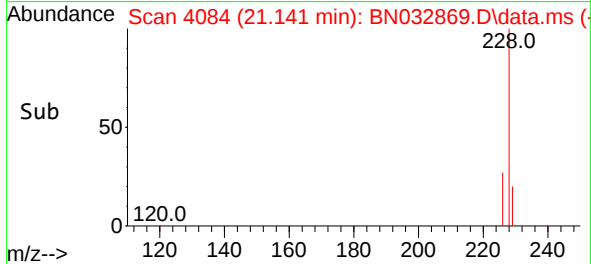
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:228 Resp: 1478684
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.5 21.9 32.9

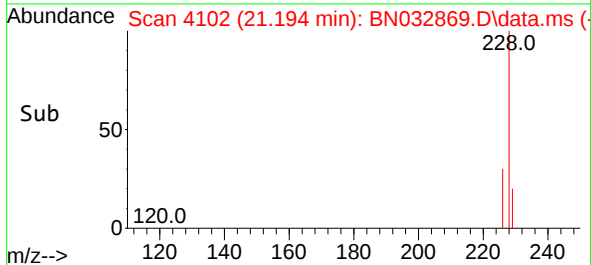
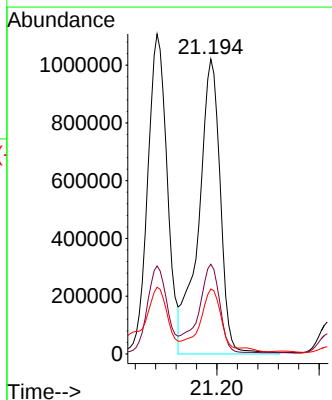
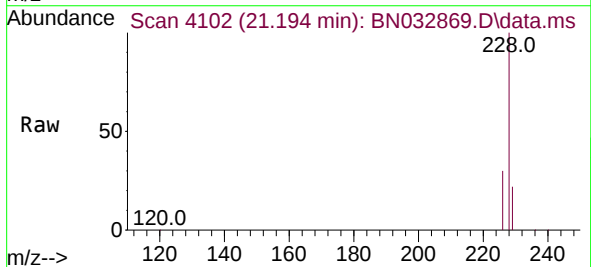
Manual Integrations
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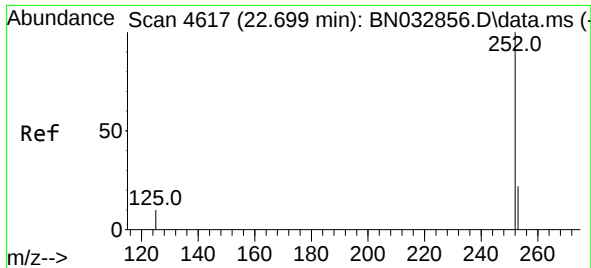
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 29.860 ng/ul m
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

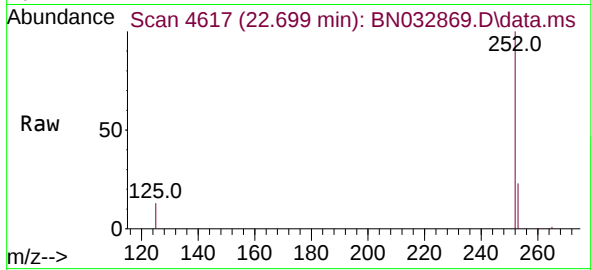
Tgt Ion:228 Resp: 1507116
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 27.990 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.000 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

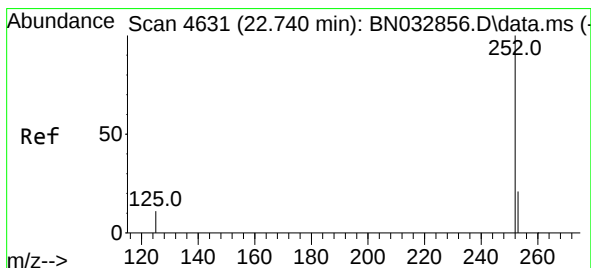
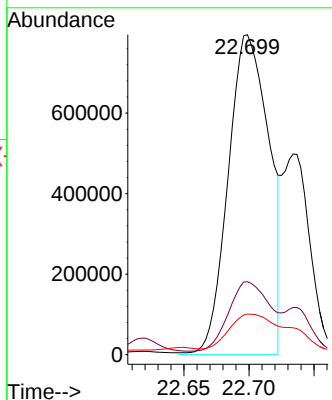
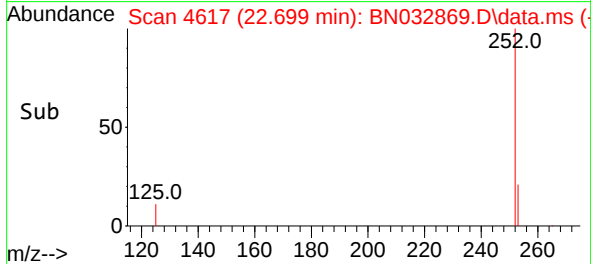
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:252 Resp: 1736662
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 12.7 0.0 36.0

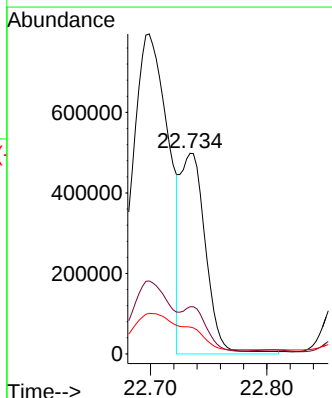
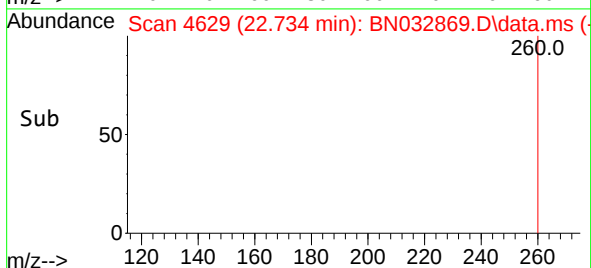
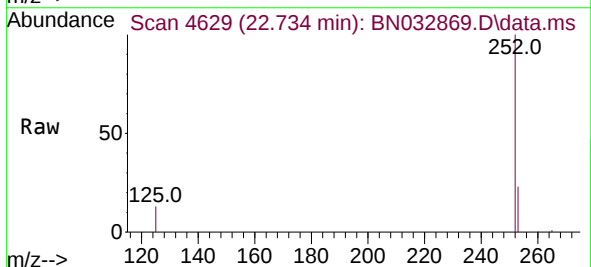
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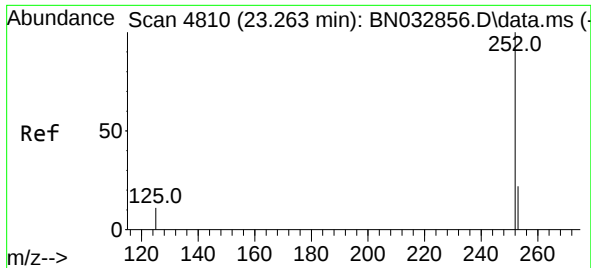
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 10.020 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

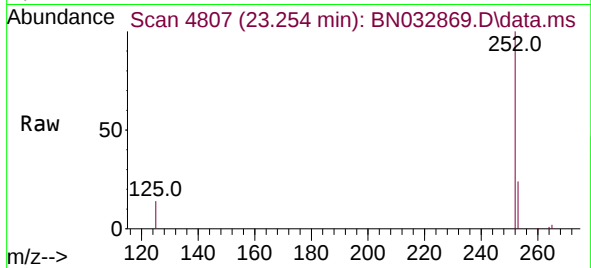
Tgt Ion:252 Resp: 757676
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 13.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 15.562 ng/ul m
RT: 23.254 min Scan# 4810
Delta R.T. -0.009 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

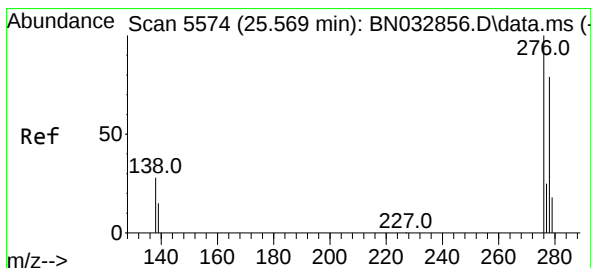
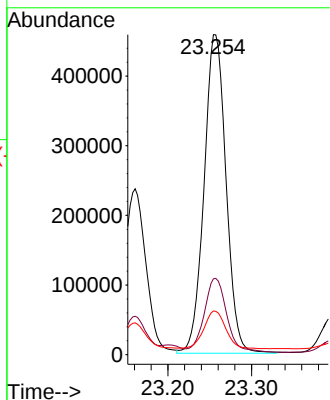
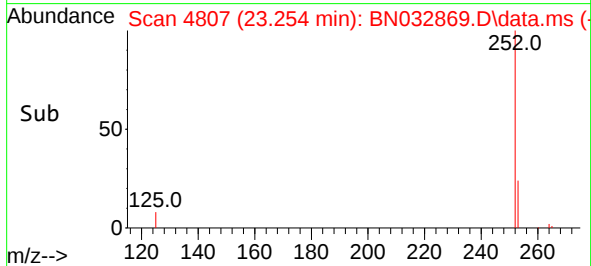
Instrument :
BNA_N
ClientSampleId :
A4C04



Tgt Ion:252 Resp: 835582
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 13.7 20.6 30.8#

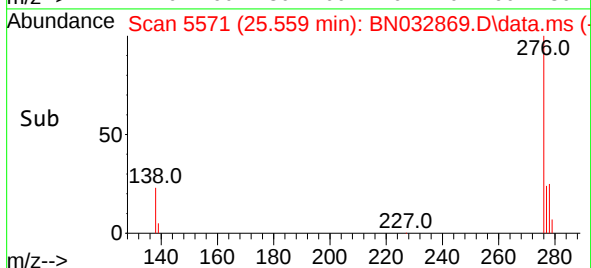
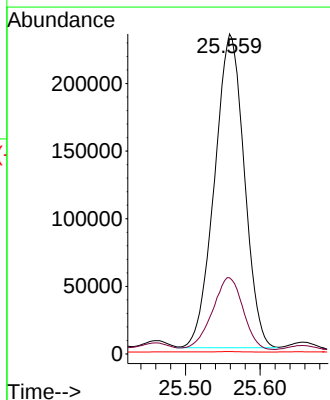
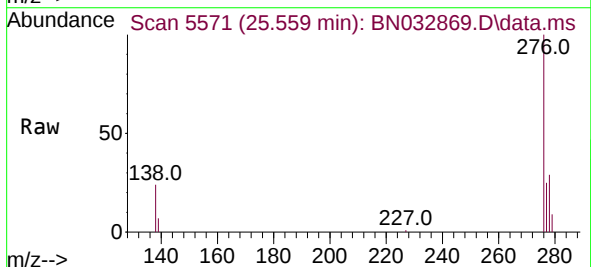
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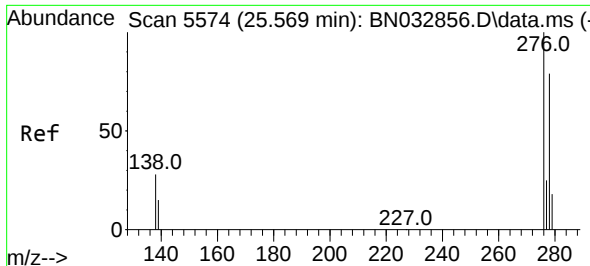
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.838 ng/ul m
RT: 25.559 min Scan# 5571
Delta R.T. -0.010 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

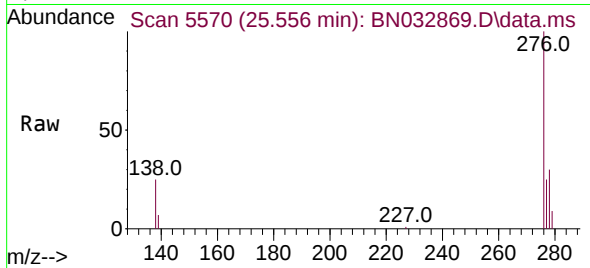
Tgt Ion:276 Resp: 642577
Ion Ratio Lower Upper
276 100
138 1.7 21.6 32.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 4.104 ng/ul m
RT: 25.556 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39

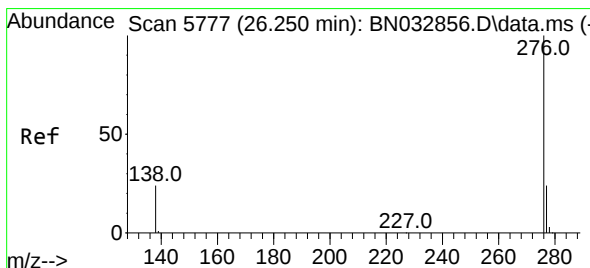
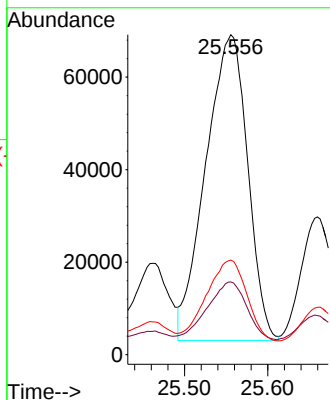
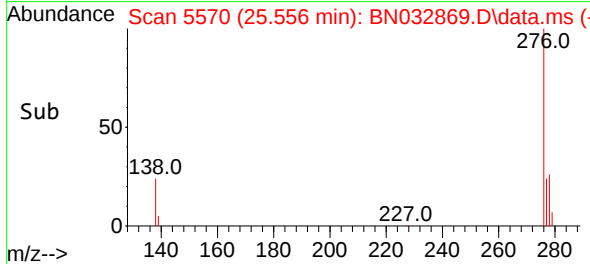
Instrument :
BNA_N
ClientSampleId :
A4C04



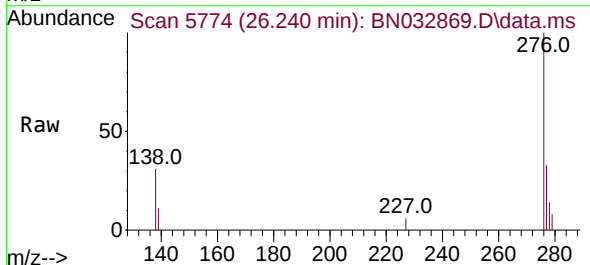
Tgt Ion:278 Resp: 23127
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 29.5 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.587 ng/ul m
RT: 26.240 min Scan# 5774
Delta R.T. -0.010 min
Lab File: BN032869.D
Acq: 20 Jul 2024 08:39



Tgt Ion:276 Resp: 96428
Ion Ratio Lower Upper
276 100
138 31.0 21.0 31.4
277 32.7 20.6 31.0#

