

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032896.D
 Acq On : 22 Jul 2024 16:47
 Operator : MA/JU
 Sample : P3215-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 17:15:34 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	7.523	152	4224	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.287	136	13358	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.173	164	7476	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	12894m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.155	240	10675m	0.400	ng/ul	-0.01
23) Perylene-d12	23.344	264	12480m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	13093	2.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	3965	0.196	ng/ul	-0.03
18) Fluoranthene-d10	18.979	212	6424m	0.185	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.336	128	16947	0.472	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	7834	0.350	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	5528	0.239	ng/ul	99
10) Acenaphthylene	13.895	152	27914	0.924	ng/ul	100
11) Acenaphthene	14.233	153	13991	0.560	ng/ul	99
12) Fluorene	15.232	166	14366	0.503	ng/ul	99
14) Pentachlorophenol	16.614	266	486m	0.215	ng/ul	
15) Phenanthrene	16.977	178	269911m	7.686	ng/ul	
16) Anthracene	17.069	178	64401m	2.245	ng/ul	
19) Fluoranthene	19.007	202	466576m	10.750	ng/ul	
20) Pyrene	19.374	202	368591m	8.205	ng/ul	
21) Benzo(a)anthracene	21.137	228	238081m	7.007	ng/ul	
22) Chrysene	21.190	228	264949m	5.390	ng/ul	
24) Benzo(b)fluoranthene	22.692	252	350120m	7.951	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	124422m	2.319	ng/ul	
26) Benzo(a)pyrene	23.250	252	139656m	3.665	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.551	276	130493m	2.529	ng/ul	
28) Dibenzo(a,h)anthracene	25.548	278	47891m	1.197	ng/ul	
29) Benzo(g,h,i)perylene	26.232	276	20788m	0.482	ng/ul	

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

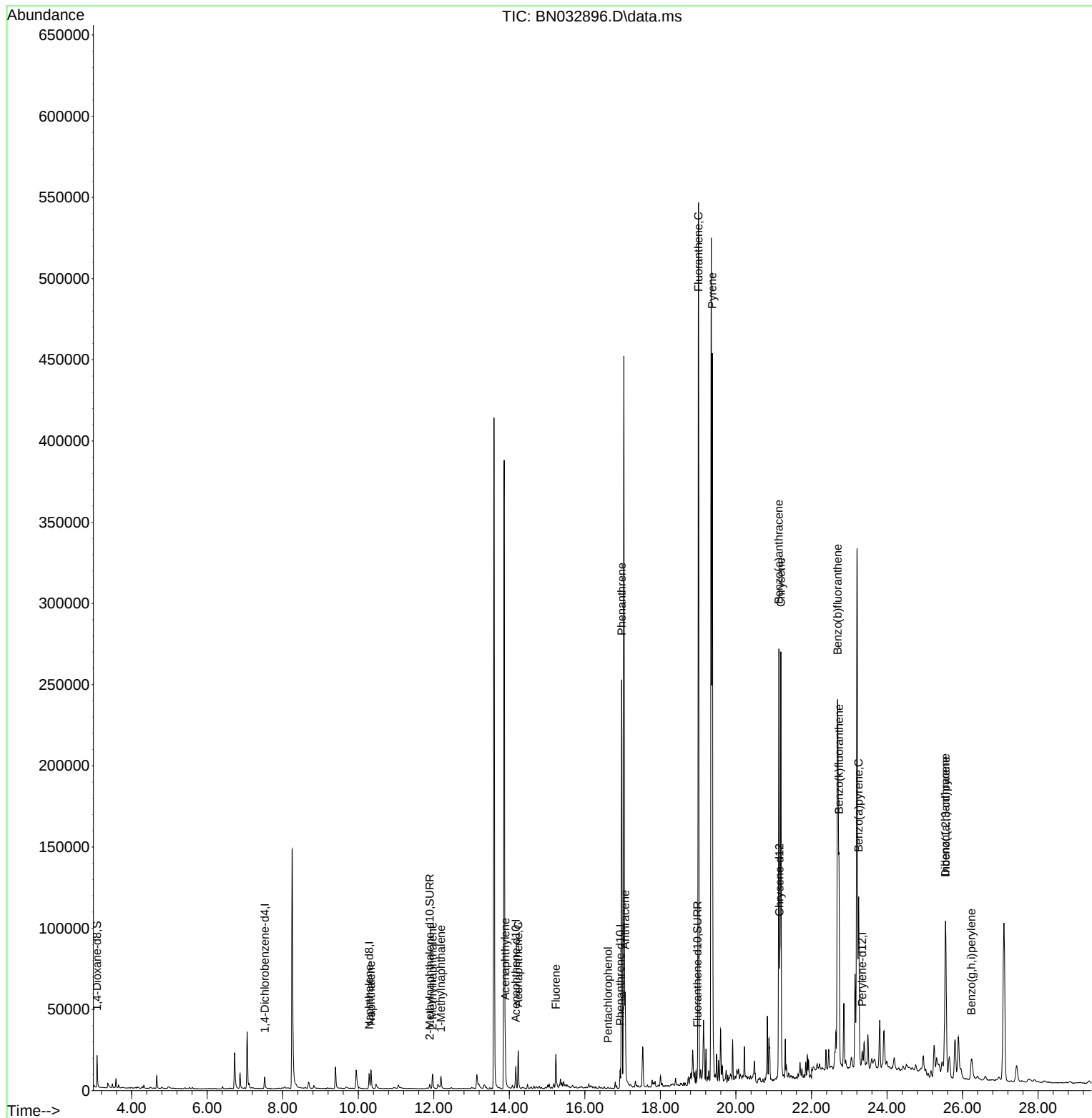
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

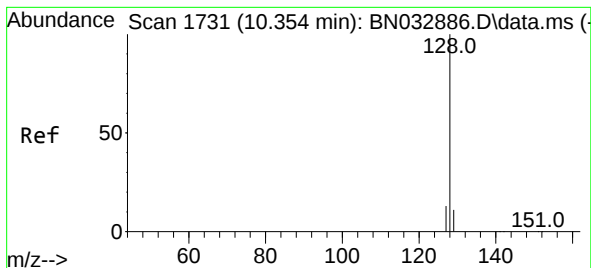
Instrument :
BNA_N
ClientSampleId :
A4CJ8

Quant Time: Jul 22 17:15:34 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

Manual Integrations
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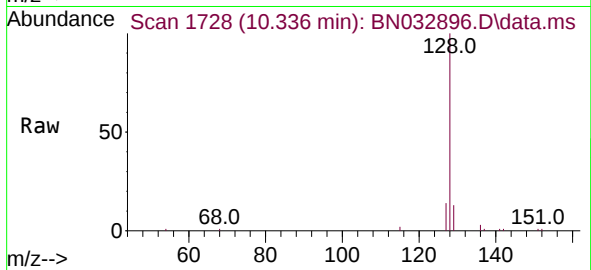
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024





#5
Naphthalene
Concen: 0.472 ng/ul
RT: 10.336 min Scan# 11
Delta R.T. -0.027 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

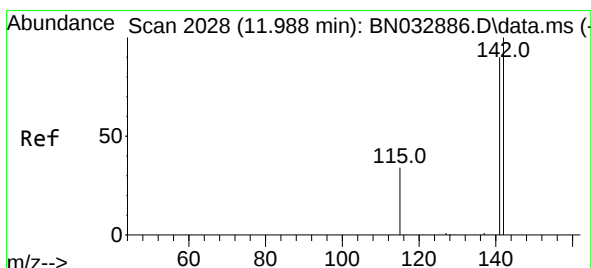
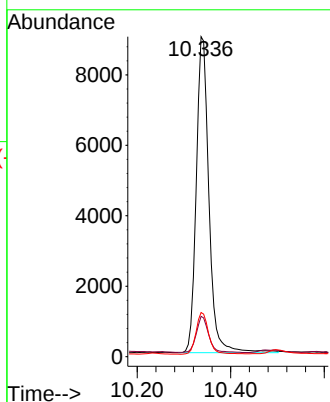
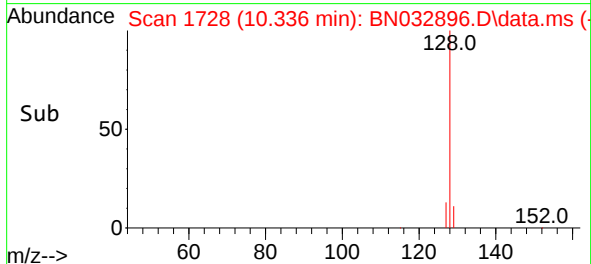
Instrument :
BNA_N
ClientSampleId :
A4CJ8



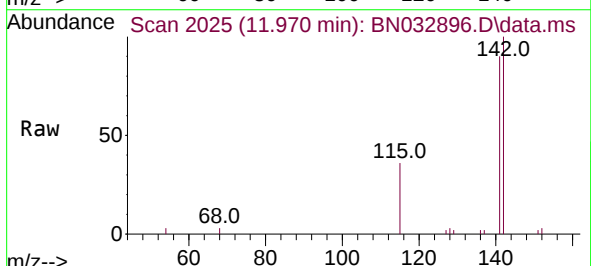
Tgt Ion:128 Resp: 1694
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 13.8 11.6 17.4

Manual Integrations
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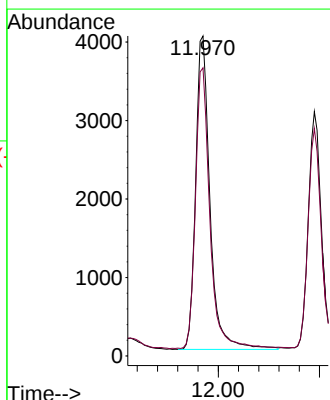
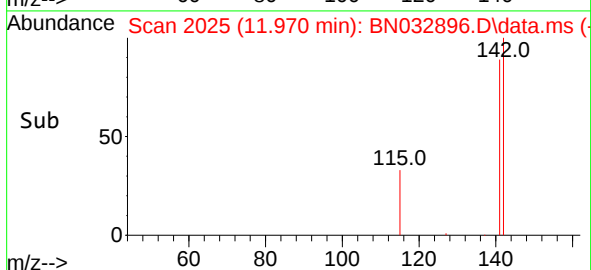
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

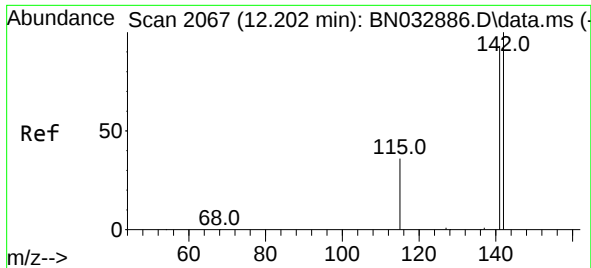


#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.027 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47



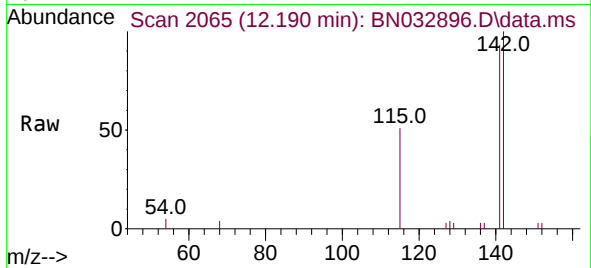
Tgt Ion:142 Resp: 7834
Ion Ratio Lower Upper
142 100
141 89.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

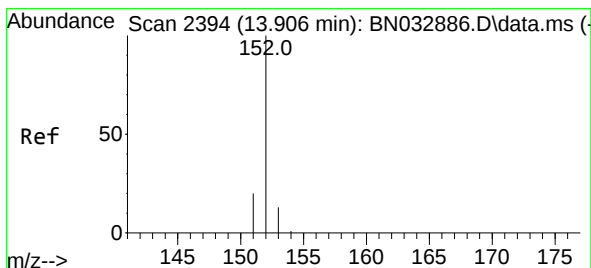
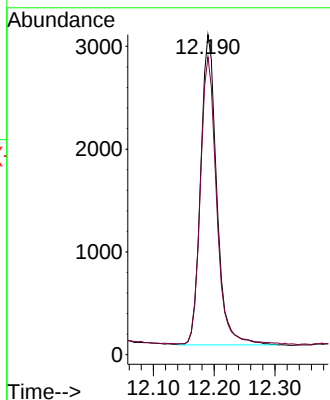
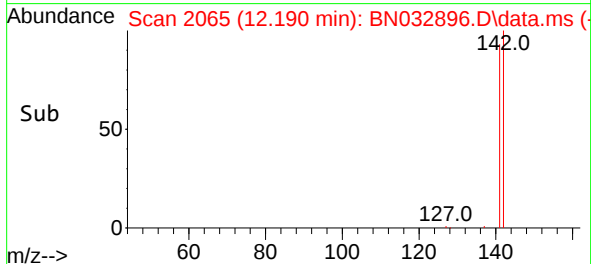
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:142 Resp: 5528
Ion Ratio Lower Upper
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141 92.6 75.0 112.4

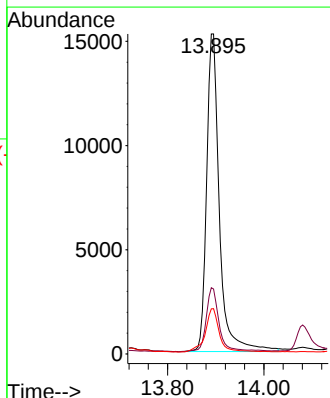
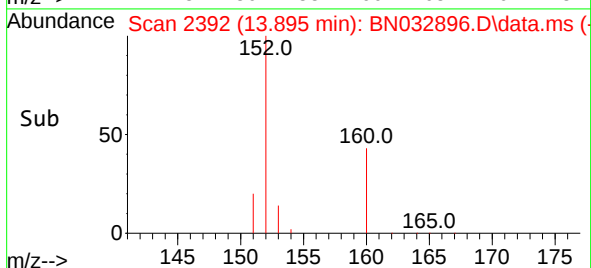
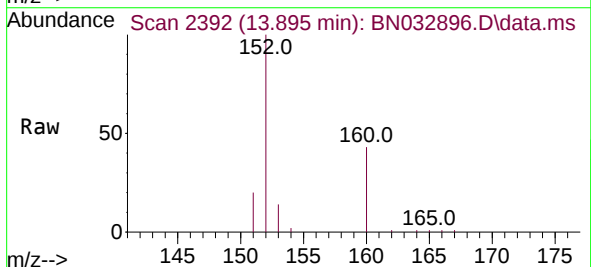
Manual Integrations
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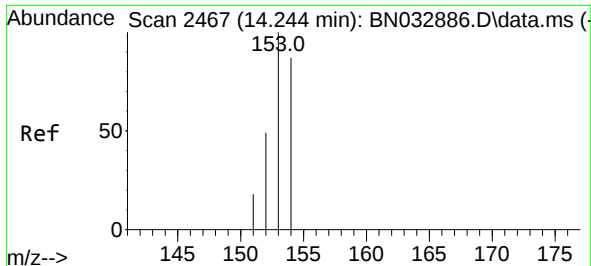
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.924 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

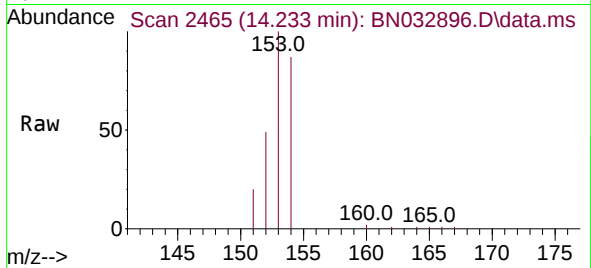
Tgt Ion:152 Resp: 27914
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.2 11.3 16.9





#11
Acenaphthene
Concen: 0.560 ng/ul
RT: 14.233 min Scan# 2465
Delta R.T. -0.018 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

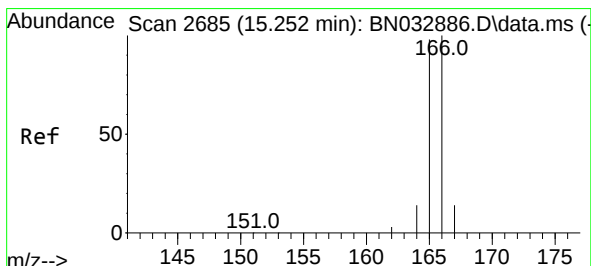
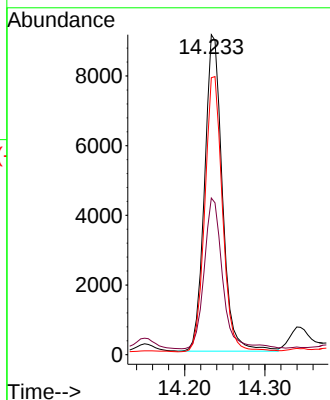
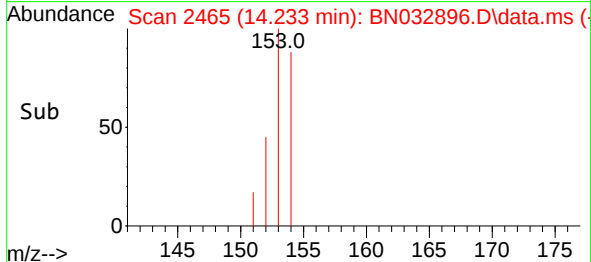
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:153 Resp: 1399
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 86.6 70.2 105.4

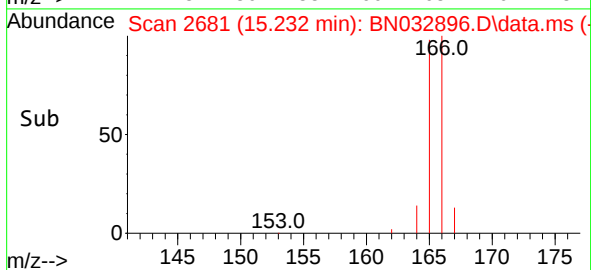
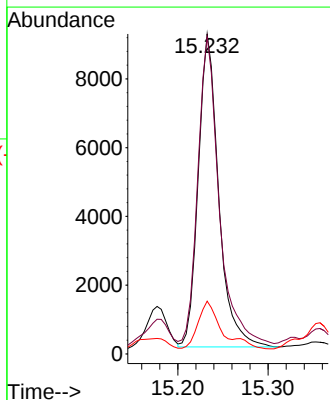
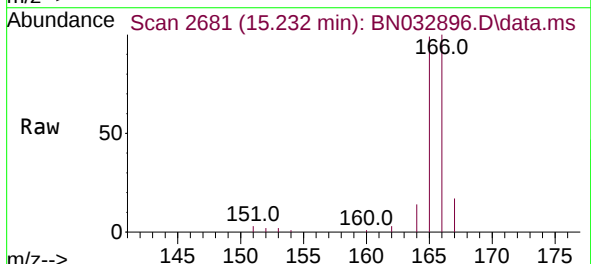
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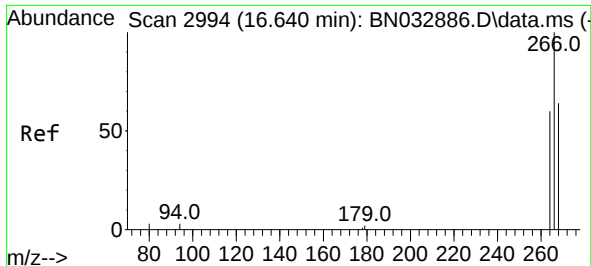
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.503 ng/ul
RT: 15.232 min Scan# 2681
Delta R.T. -0.028 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

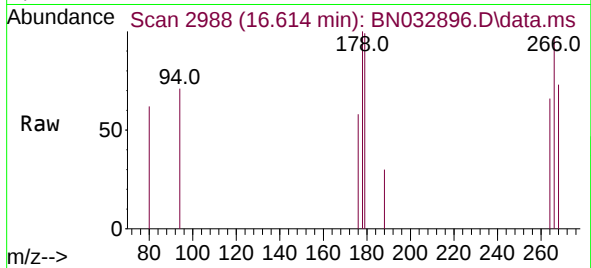
Tgt Ion:166 Resp: 14366
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 16.5 11.4 17.2





#14
Pentachlorophenol
Concen: 0.215 ng/ul m
RT: 16.614 min Scan# 2994
Delta R.T. -0.029 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

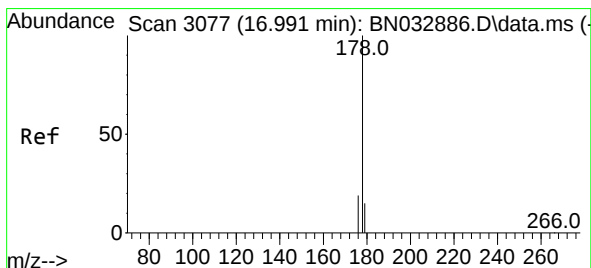
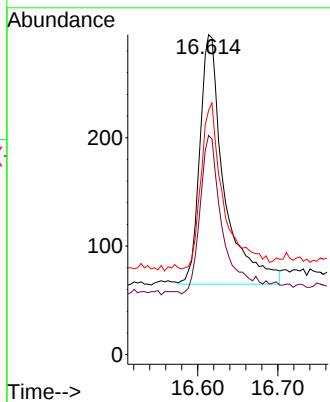
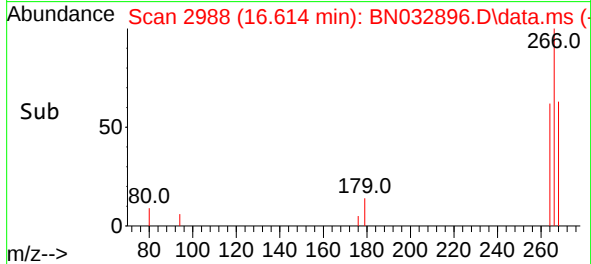
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:266 Resp: 480
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 2.1 51.6 77.4

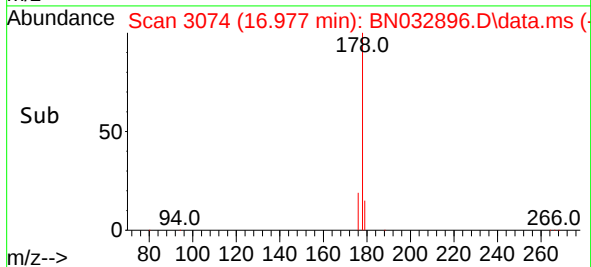
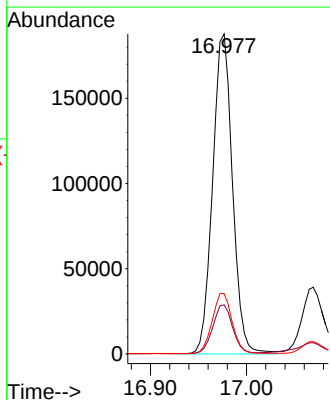
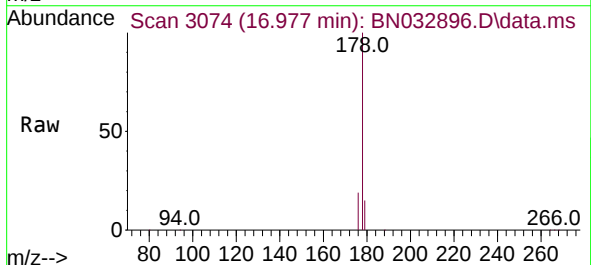
Manual Integrations
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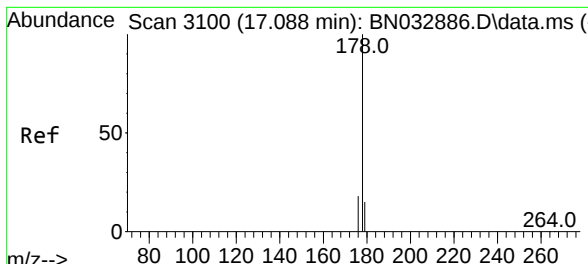
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#15
Phenanthrene
Concen: 7.686 ng/ul m
RT: 16.977 min Scan# 3074
Delta R.T. -0.025 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

Tgt Ion:178 Resp: 269911
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.9 15.6 23.4





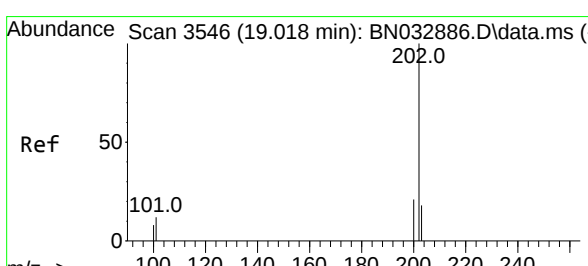
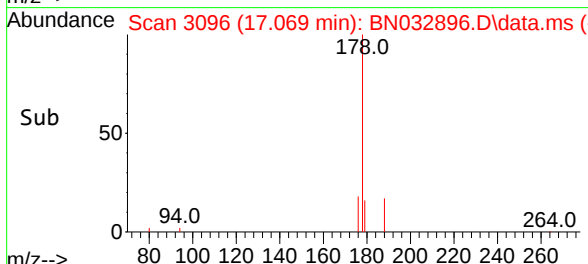
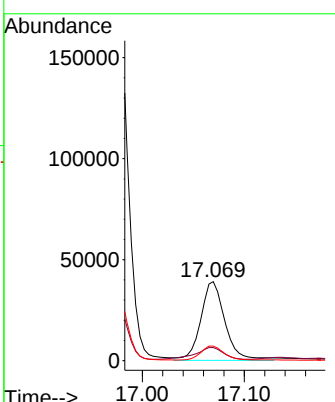
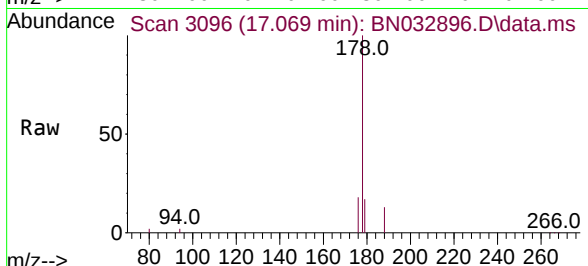
#16
 Anthracene
 Concen: 2.245 ng/ul m
 RT: 17.069 min Scan# 3096
 Delta R.T. -0.029 min
 Lab File: BN032896.D
 Acq: 22 Jul 2024 16:47

Instrument : BNA_N
 ClientSampleId : A4CJ8

Tgt Ion:	178	Resp:	6440
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.4	20.2
176	18.4	15.4	23.0

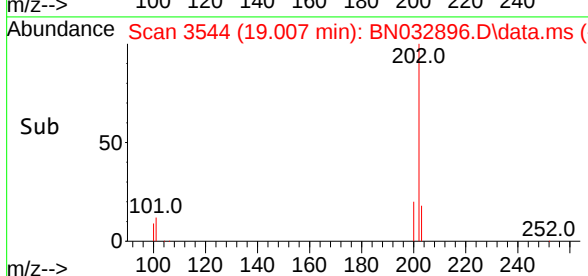
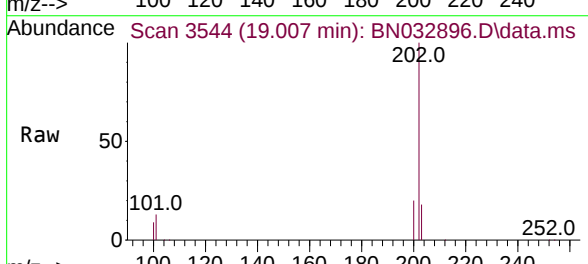
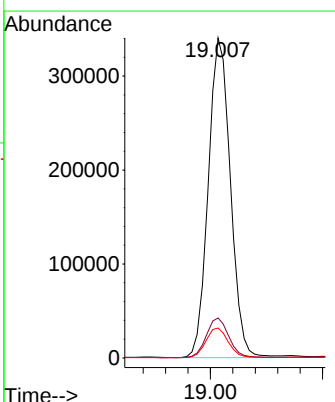
Manual Integrations
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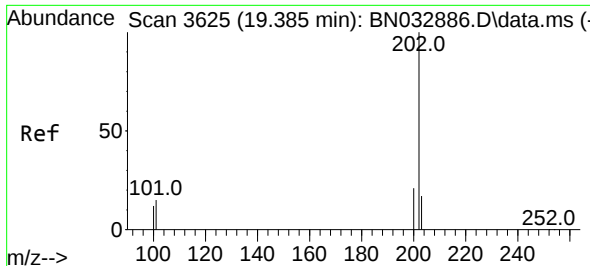
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024



#19
 Fluoranthene
 Concen: 10.750 ng/ul m
 RT: 19.007 min Scan# 3544
 Delta R.T. -0.018 min
 Lab File: BN032896.D
 Acq: 22 Jul 2024 16:47

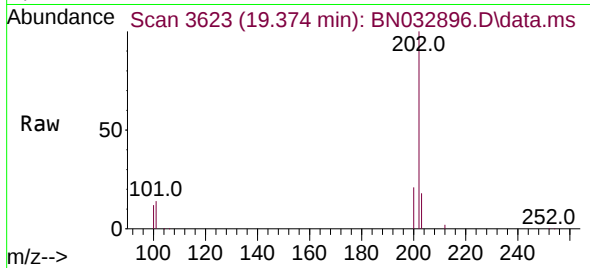
Tgt Ion:	202	Resp:	466576
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.8	14.8
100	9.4	7.9	11.9





#20
Pyrene
Concen: 8.205 ng/ul m
RT: 19.374 min Scan# 3623
Delta R.T. -0.018 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

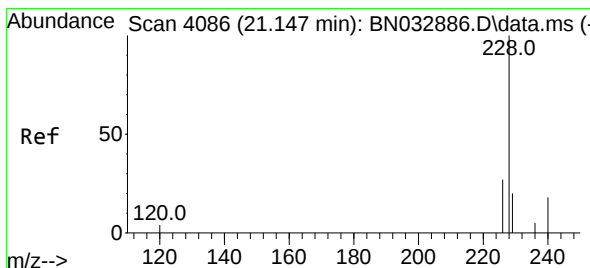
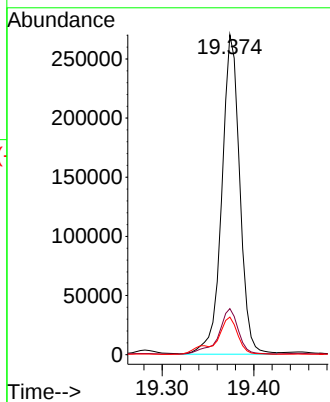
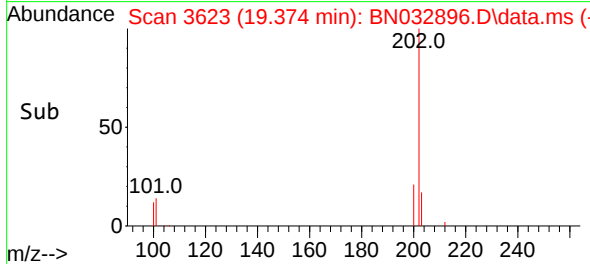
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:202 Resp: 36859
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.7 9.6 14.4

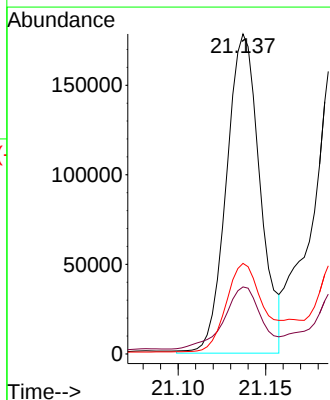
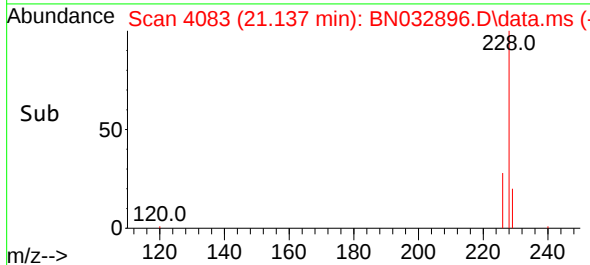
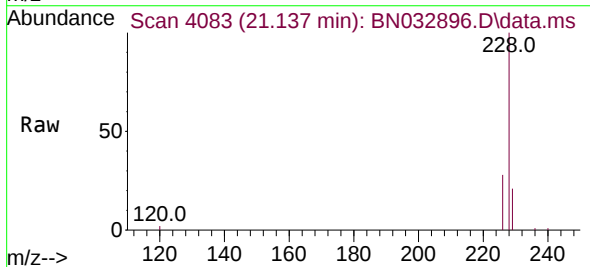
Manual Integrations
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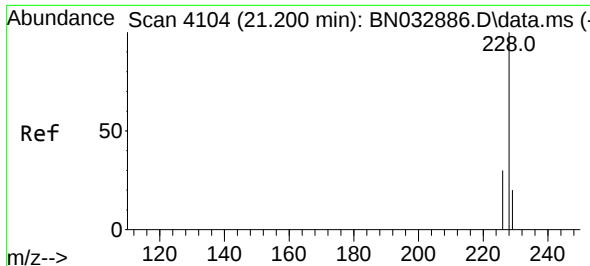
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 7.007 ng/ul m
RT: 21.137 min Scan# 4083
Delta R.T. -0.013 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

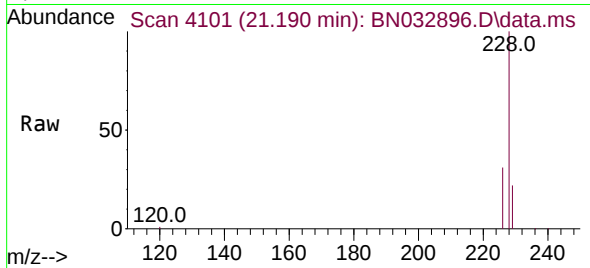
Tgt Ion:228 Resp: 238081
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 28.3 21.9 32.9





#22
Chrysene
Concen: 5.390 ng/ul m
RT: 21.190 min Scan# 4101
Delta R.T. -0.013 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

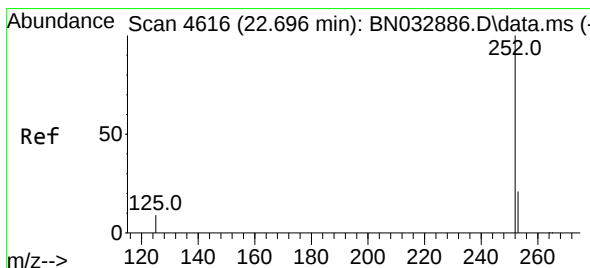
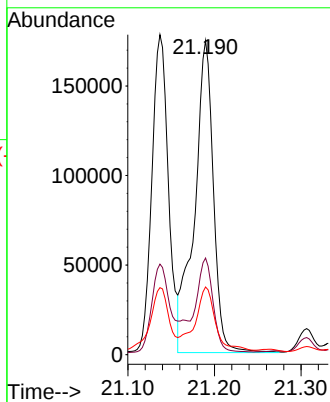
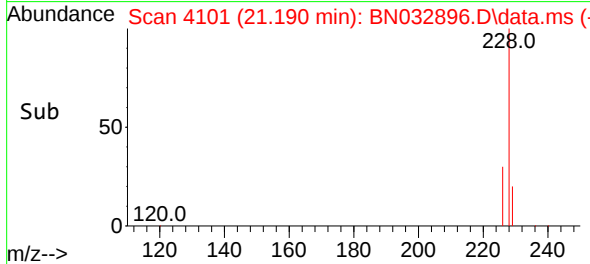
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:228 Resp: 264949
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.6 15.8 23.6

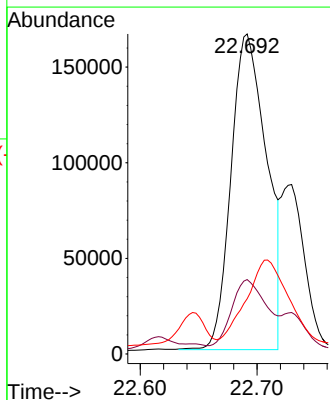
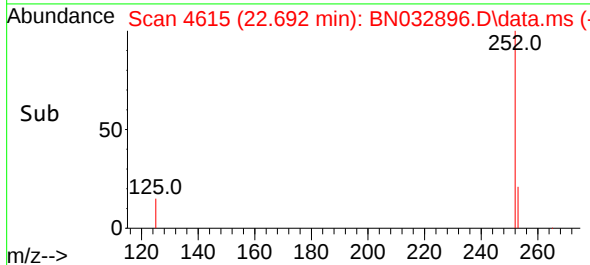
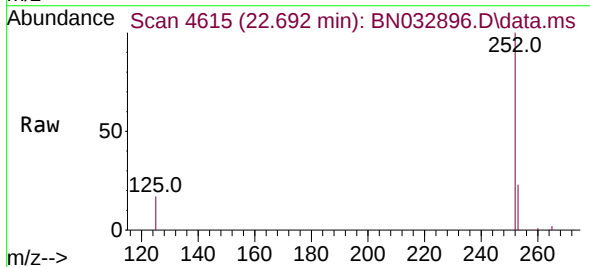
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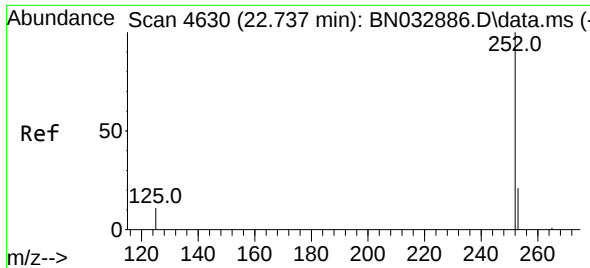
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#24
Benzo(b)fluoranthene
Concen: 7.951 ng/ul m
RT: 22.692 min Scan# 4615
Delta R.T. -0.007 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

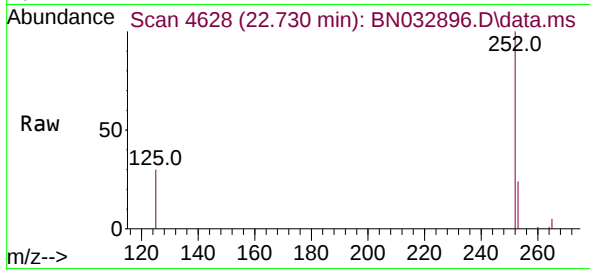
Tgt Ion:252 Resp: 350120
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 17.3 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 2.319 ng/ul m
RT: 22.730 min Scan# 4630
Delta R.T. -0.010 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

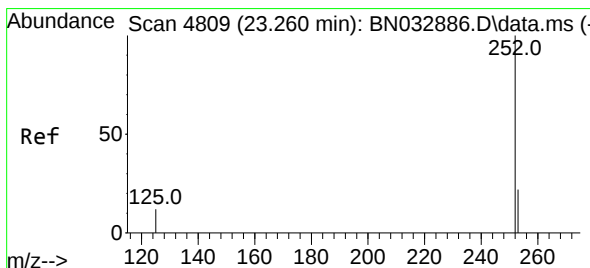
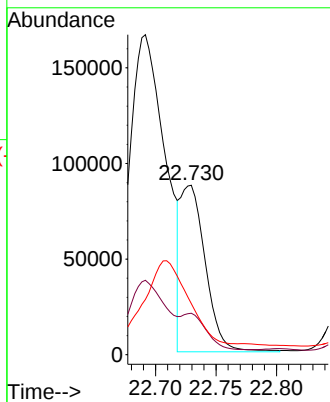
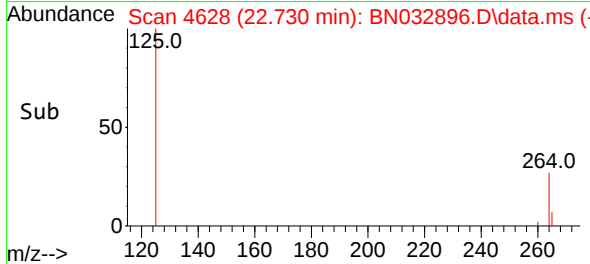
Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:252 Resp: 12442
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 30.1 14.8 22.2

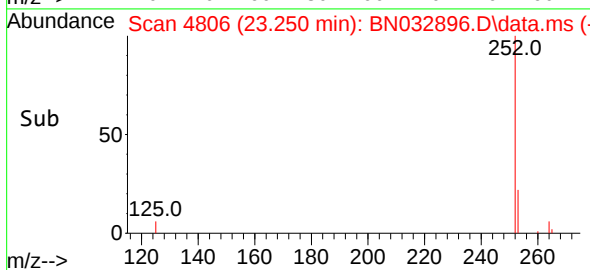
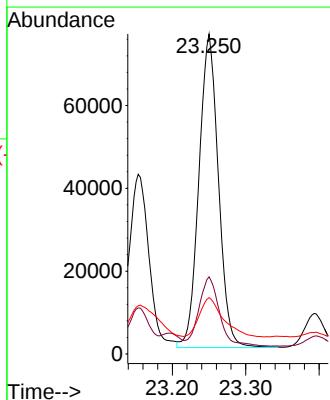
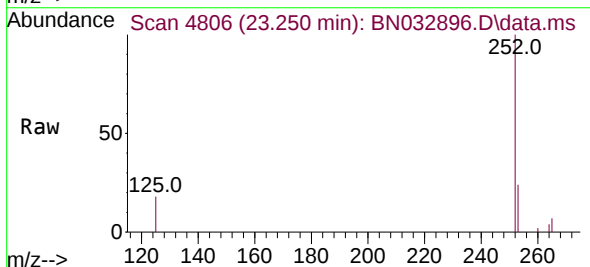
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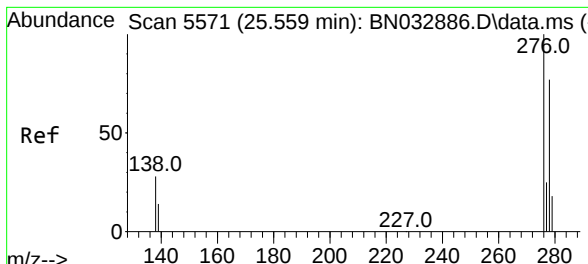
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#26
Benzo(a)pyrene
Concen: 3.665 ng/ul m
RT: 23.250 min Scan# 4806
Delta R.T. -0.013 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

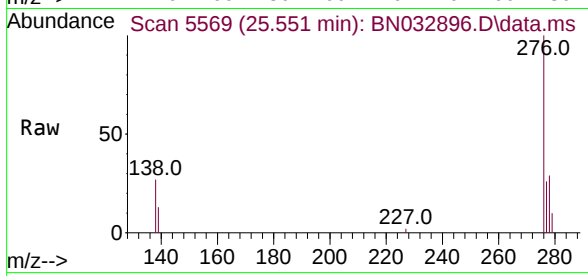
Tgt Ion:252 Resp: 139656
Ion Ratio Lower Upper
252 100
253 24.1 25.4 38.0#
125 17.6 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.529 ng/ul m
 RT: 25.551 min Scan# 5569
 Delta R.T. -0.018 min
 Lab File: BN032896.D
 Acq: 22 Jul 2024 16:47

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8

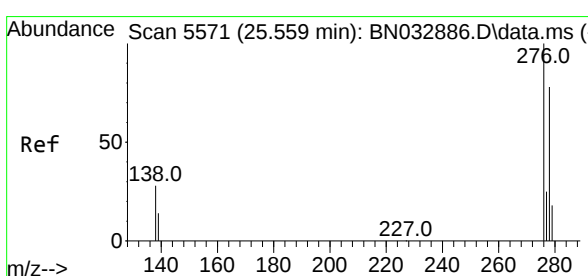
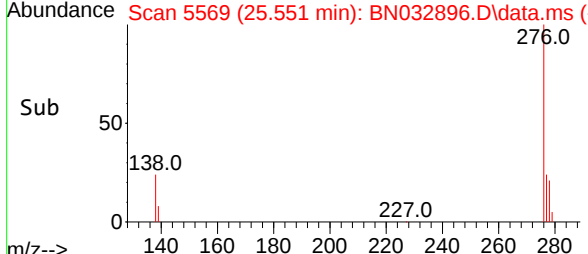
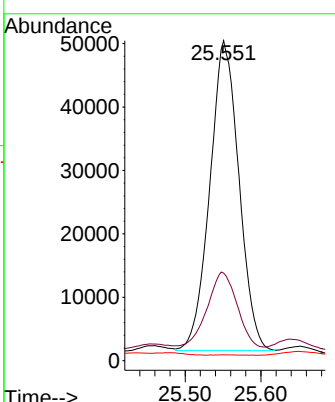


Tgt Ion: 276 Resp: 13049

Ion	Ratio	Lower	Upper
276	100		
138	4.2	21.6	32.4
227	0.1	0.0	0.0

Manual Integrations
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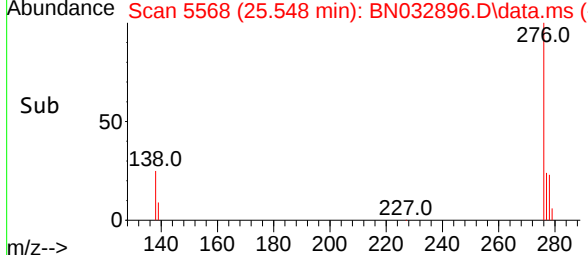
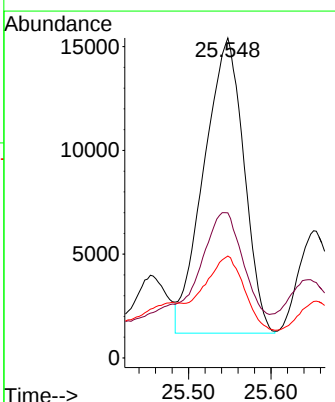
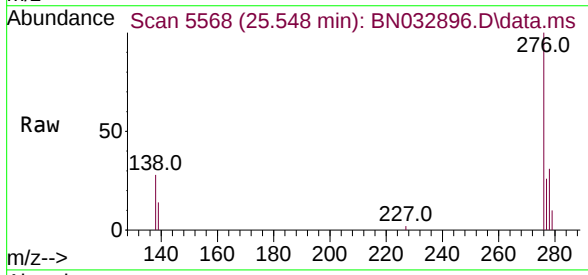
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

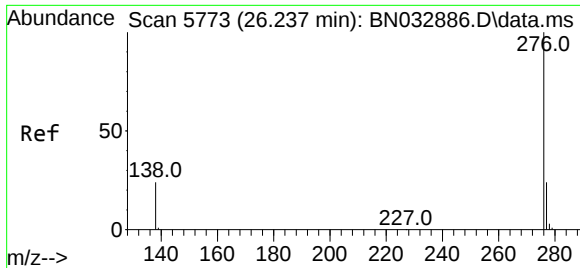


#28
 Dibenzo(a,h)anthracene
 Concen: 1.197 ng/ul m
 RT: 25.548 min Scan# 5568
 Delta R.T. -0.022 min
 Lab File: BN032896.D
 Acq: 22 Jul 2024 16:47

Tgt Ion: 278 Resp: 47891

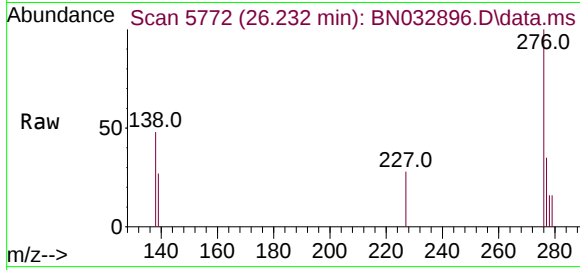
Ion	Ratio	Lower	Upper
278	100		
139	45.4	16.6	24.8
279	31.9	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.482 ng/ul m
RT: 26.232 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN032896.D
Acq: 22 Jul 2024 16:47

Instrument :
BNA_N
ClientSampleId :
A4CJ8



Tgt Ion:276 Resp: 2078
Ion Ratio Lower Upper
276 100
138 48.2 21.0 31.4
277 34.9 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

