

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032963.D
 Acq On : 25 Jul 2024 00:25
 Operator : MA/JU
 Sample : P3215-16DL 5X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D44DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:51:32 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	7.515	152	4746	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.283	136	15471	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.165	164	8430	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	13784	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.150	240	12309	0.400	ng/ul	#-0.01
23) Perylene-d12	23.348	264	14622	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4323	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.889	152	1321	0.056	ng/ul	-0.04
18) Fluoranthene-d10	18.976	212	2175	0.054	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.338	128	12069	0.291	ng/ul	99
7) 2-Methylnaphthalene	11.966	142	6197	0.239	ng/ul	96
8) 1-Methylnaphthalene	12.186	142	3783	0.141	ng/ul	99
10) Acenaphthylene	13.888	152	34387	1.010	ng/ul	99
11) Acenaphthene	14.230	153	8703	0.309	ng/ul	99
12) Fluorene	15.229	166	9600	0.298	ng/ul#	98
14) Pentachlorophenol	16.611	266	312	0.129	ng/ul	94
15) Phenanthrene	16.970	178	165937	4.420	ng/ul	100
16) Anthracene	17.067	178	54504	1.777	ng/ul	96
19) Fluoranthene	19.004	202	471595	9.423	ng/ul	99
20) Pyrene	19.371	202	259964	5.018	ng/ul	99
21) Benzo(a)anthracene	21.136	228	233632	5.963	ng/ul	95
22) Chrysene	21.188	228	262479	4.631	ng/ul#	96
24) Benzo(b)fluoranthene	22.693	252	344264m	6.673	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	143653m	2.285	ng/ul	
26) Benzo(a)pyrene	23.251	252	83787	1.877	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.559	276	119492	1.977	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.549	278	55615	1.187	ng/ul#	74
29) Benzo(g,h,i)perylene	26.247	276	16204	0.321	ng/ul#	34

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

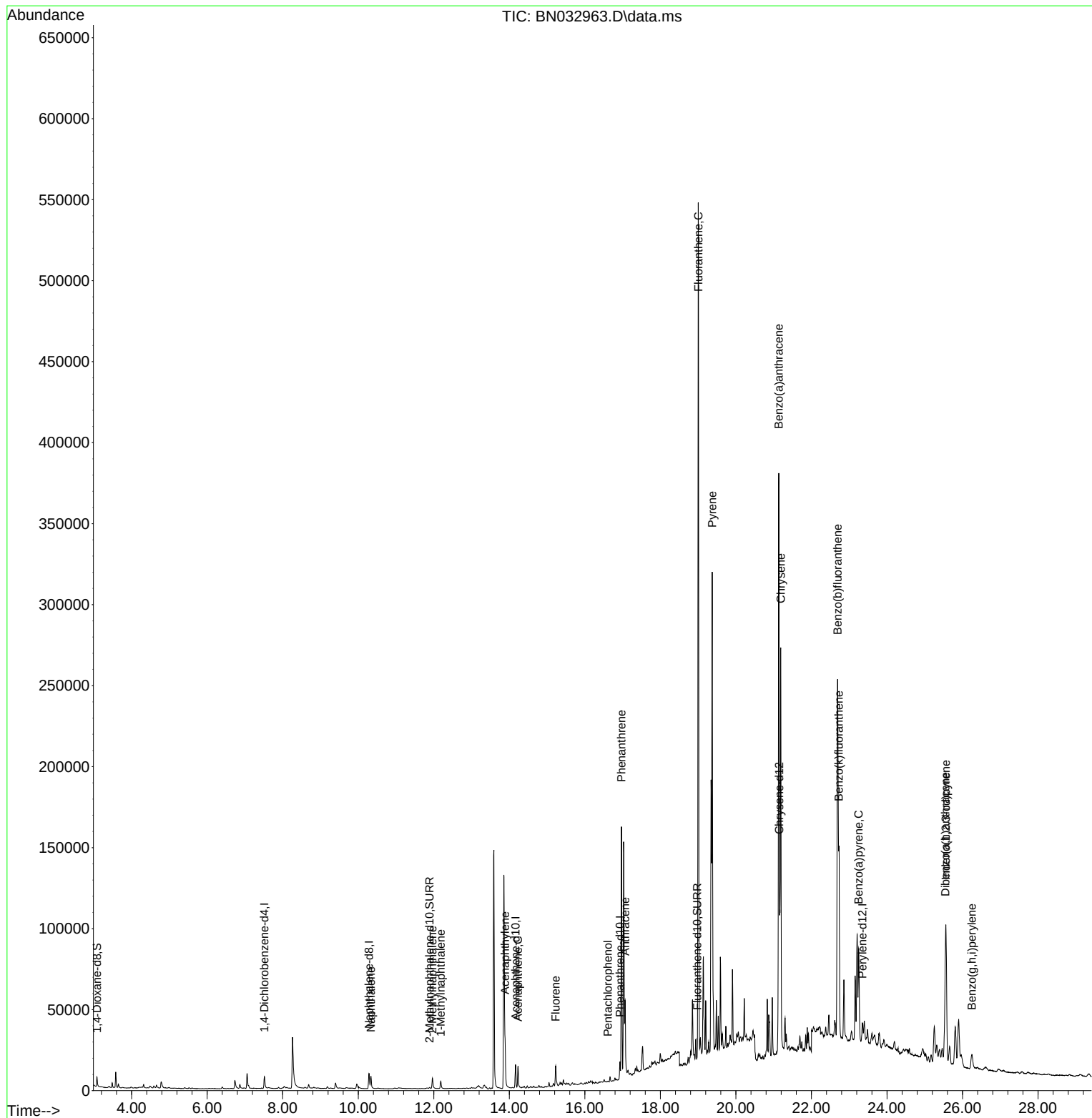
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032963.D
Acq On : 25 Jul 2024 00:25
Operator : MA/JU
Sample : P3215-16DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

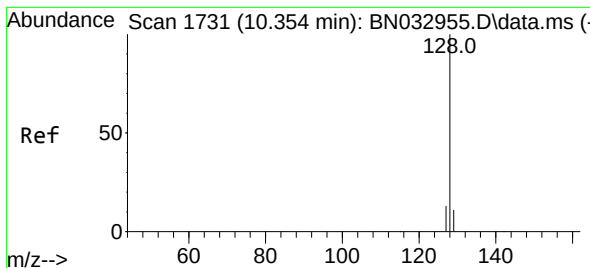
Instrument :
BNA_N
ClientSampleId :
A4D44DL

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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

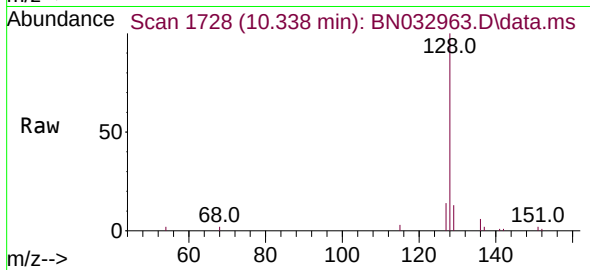
Quant Time: Jul 25 00:51:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.338 min Scan# 11
Delta R.T. -0.026 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

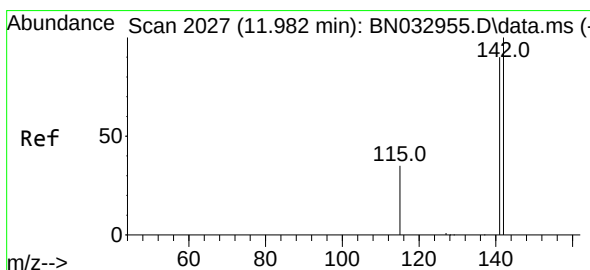
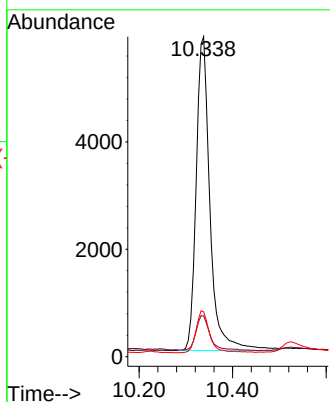
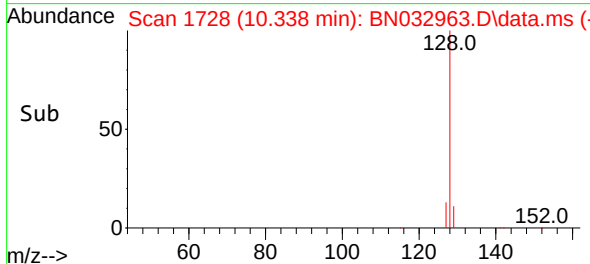
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:128 Resp: 12069
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 14.1 11.6 17.4

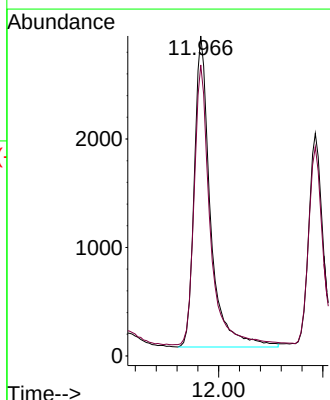
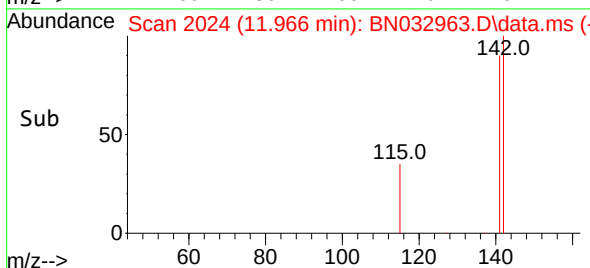
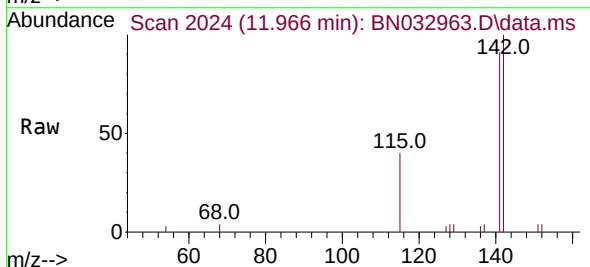
Manual Integrations
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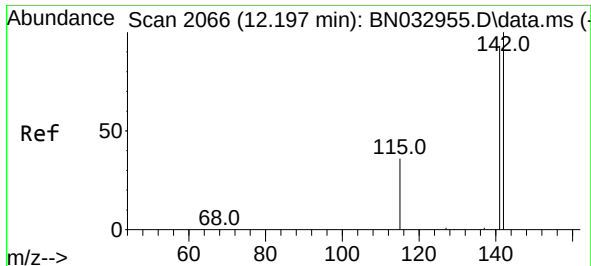
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 11.966 min Scan# 2024
Delta R.T. -0.031 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

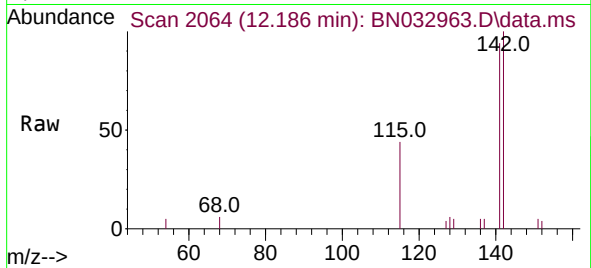
Tgt Ion:142 Resp: 6197
Ion Ratio Lower Upper
142 100
141 88.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.186 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

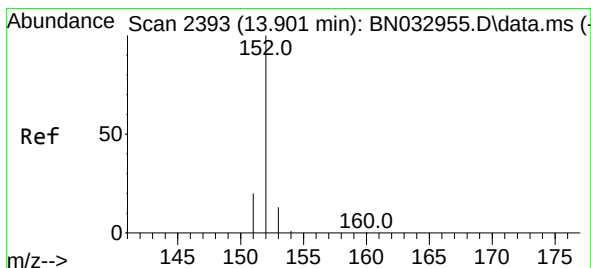
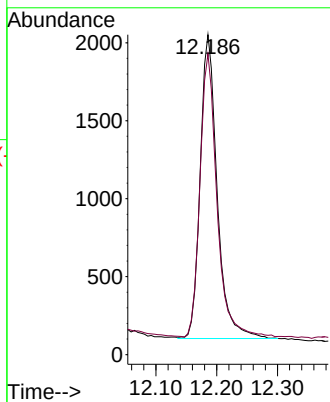
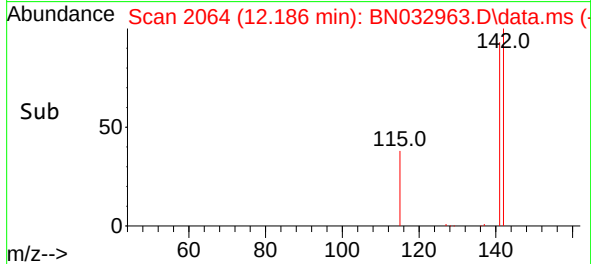
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
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141 92.5 75.0 112.4

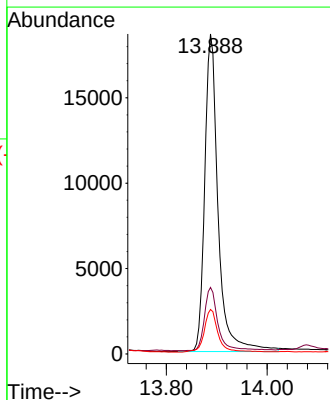
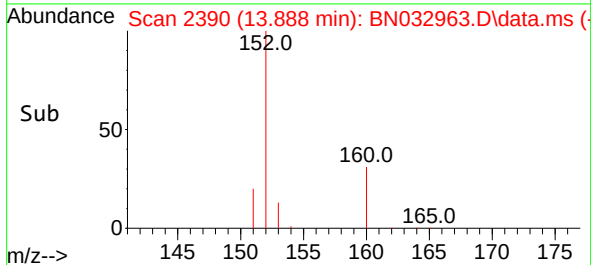
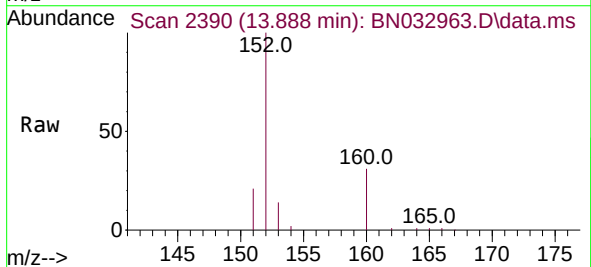
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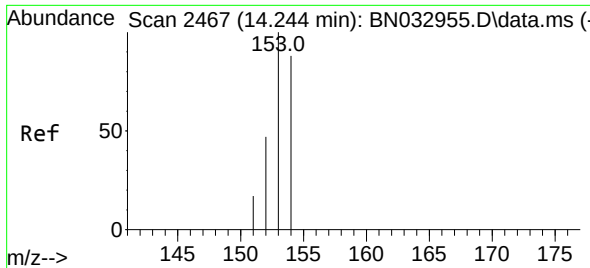
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 1.010 ng/ul
RT: 13.888 min Scan# 2390
Delta R.T. -0.026 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

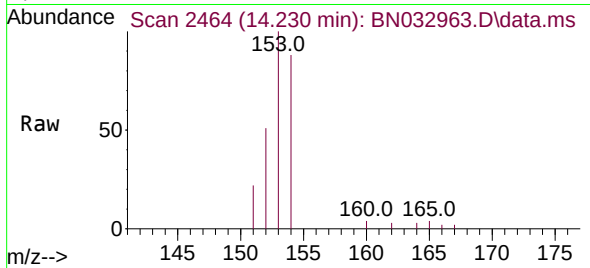
Tgt Ion:152 Resp: 34387
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.9 11.3 16.9





#11
Acenaphthene
Concen: 0.309 ng/u1
RT: 14.230 min Scan# 2467
Delta R.T. -0.022 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

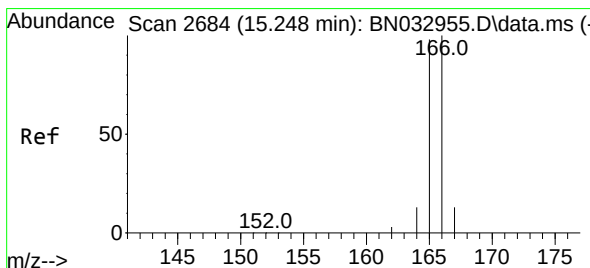
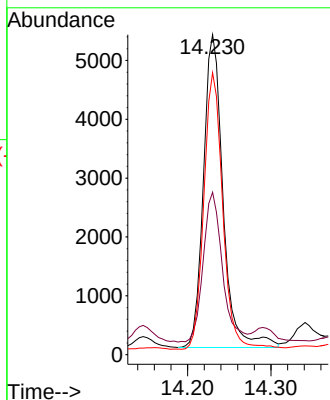
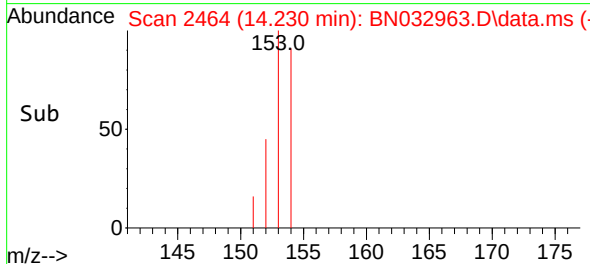
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:153 Resp: 8700
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 88.1 70.2 105.4

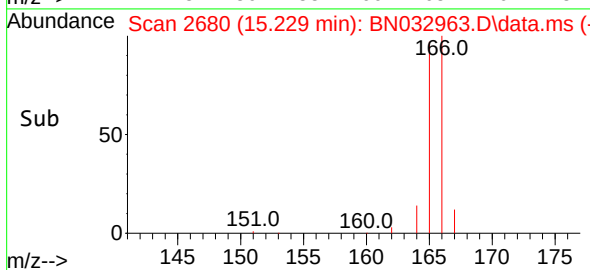
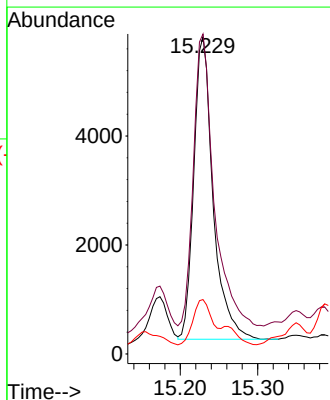
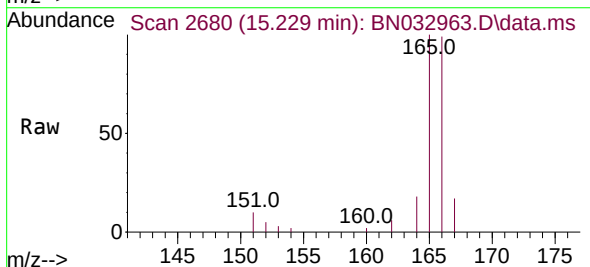
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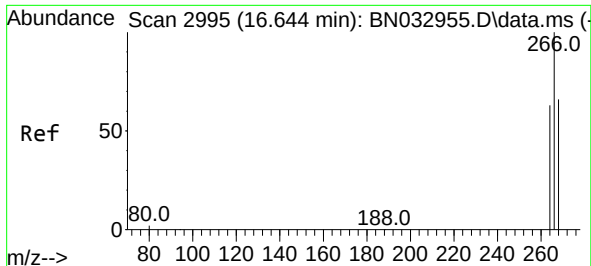
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.298 ng/u1
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

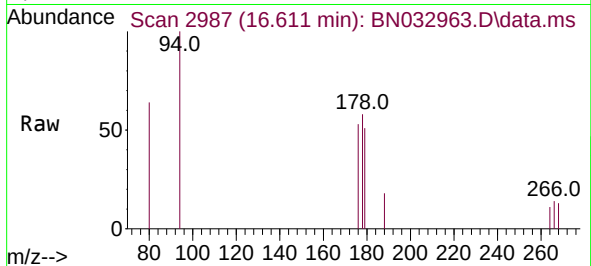
Tgt Ion:166 Resp: 9600
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 17.2 11.4 17.2#





#14
Pentachlorophenol
Concen: 0.129 ng/u1
RT: 16.611 min Scan# 2995
Delta R.T. -0.032 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

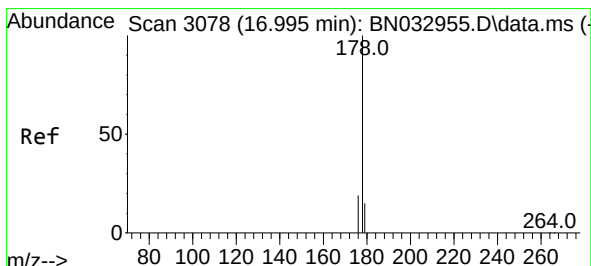
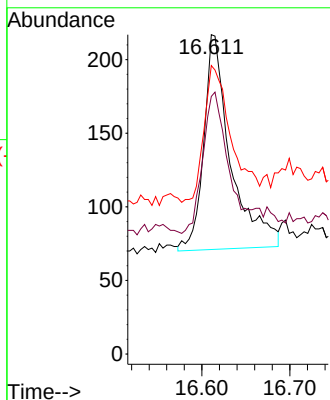
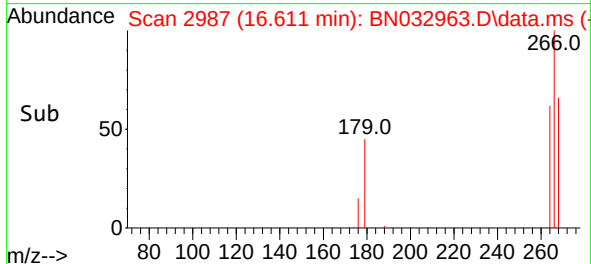
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:266 Resp: 312
Ion Ratio Lower Upper
266 100
264 71.5 49.4 74.2
268 64.7 51.6 77.4

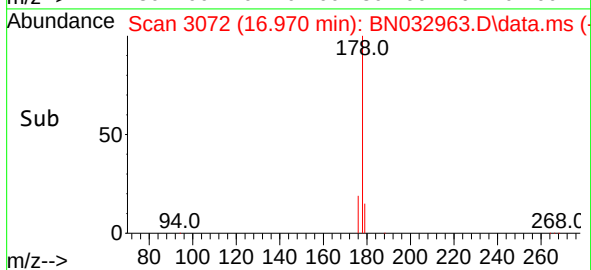
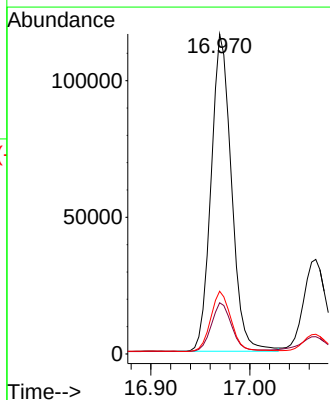
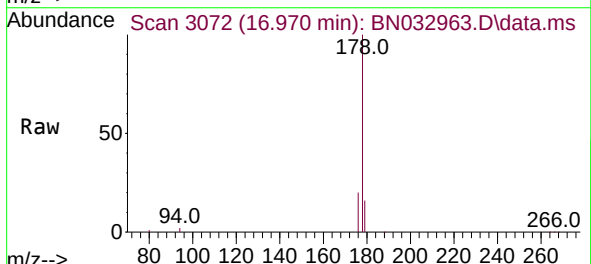
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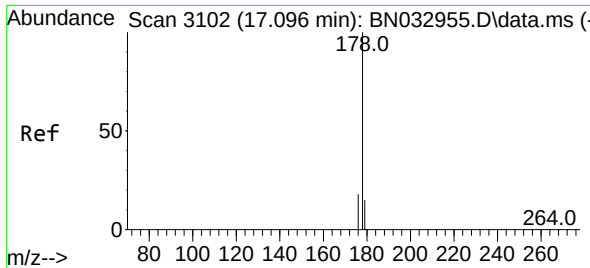
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 4.420 ng/u1
RT: 16.970 min Scan# 3072
Delta R.T. -0.032 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

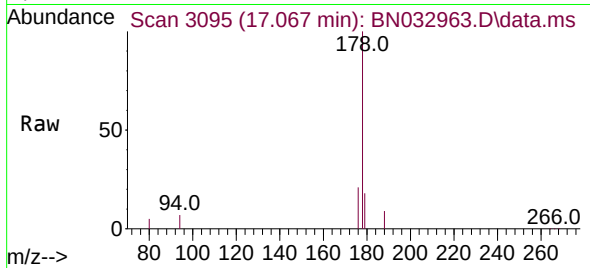
Tgt Ion:178 Resp: 165937
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.6 15.6 23.4





#16
Anthracene
Concen: 1.777 ng/ul
RT: 17.067 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

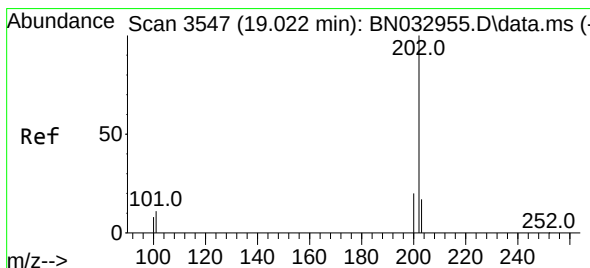
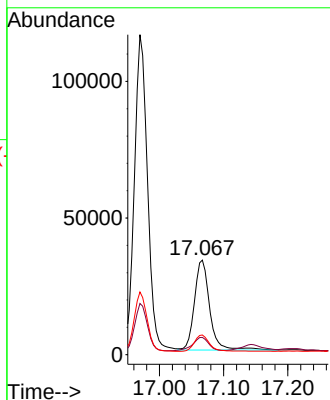
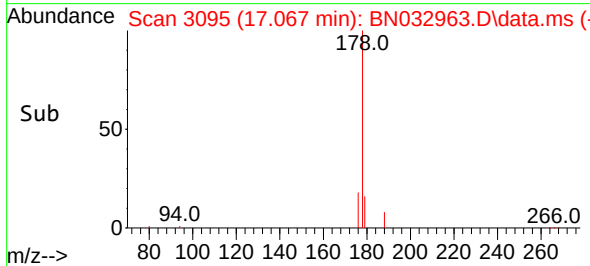
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:178 Resp: 54504
Ion Ratio Lower Upper
178 100
179 18.4 13.4 20.2
176 20.8 15.4 23.0

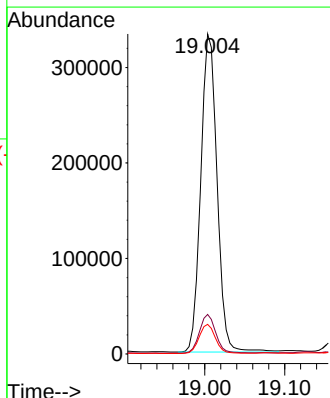
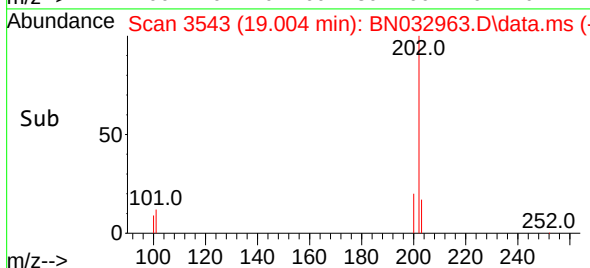
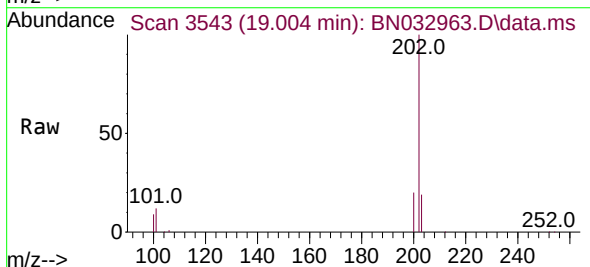
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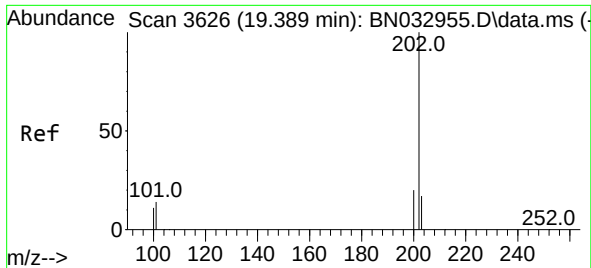
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#19
Fluoranthene
Concen: 9.423 ng/ul
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

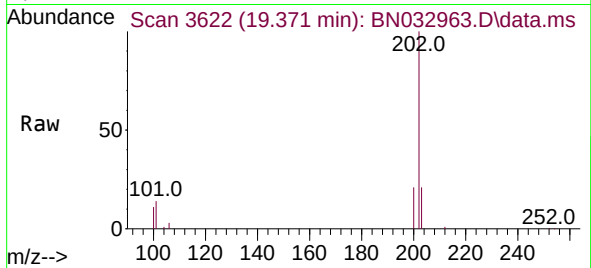
Tgt Ion:202 Resp: 471595
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.3 7.9 11.9





#20
Pyrene
Concen: 5.018 ng/u1
RT: 19.371 min Scan# 30
Delta R.T. -0.022 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

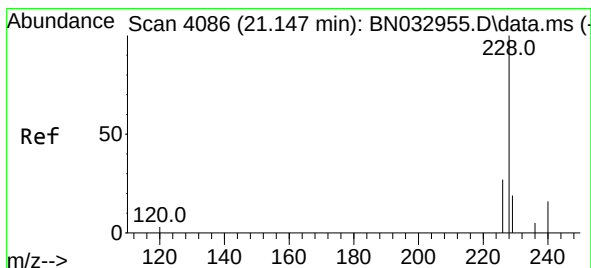
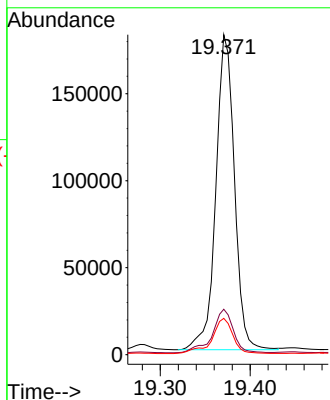
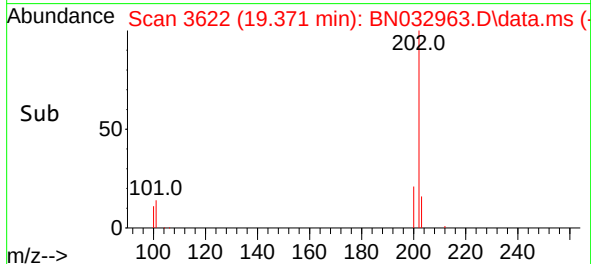
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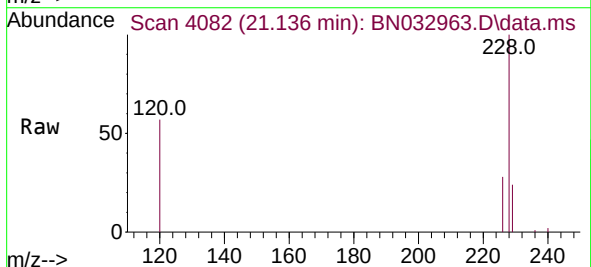
Tgt Ion:202 Resp: 259964
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.3 9.6 14.4

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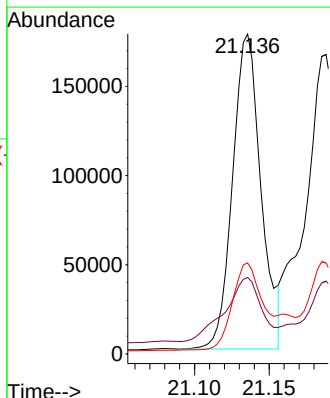
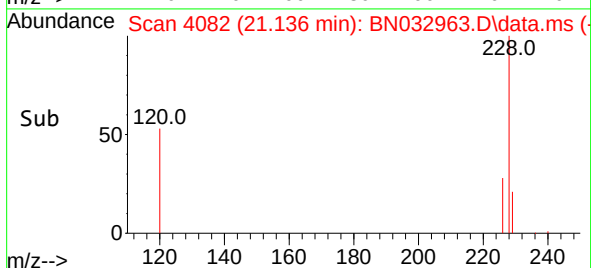
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

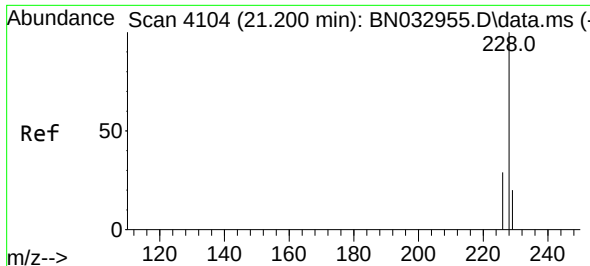


#21
Benzo(a)anthracene
Concen: 5.963 ng/u1
RT: 21.136 min Scan# 4082
Delta R.T. -0.015 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25



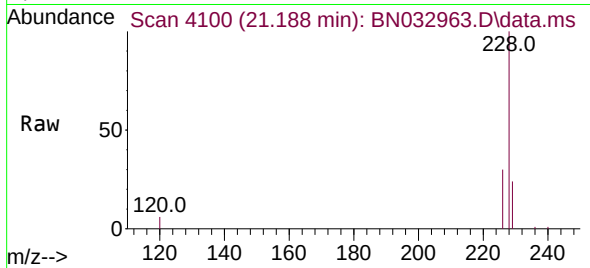
Tgt Ion:228 Resp: 233632
Ion Ratio Lower Upper
228 100
229 23.9 16.1 24.1
226 28.4 21.9 32.9





#22
Chrysene
Concen: 4.631 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

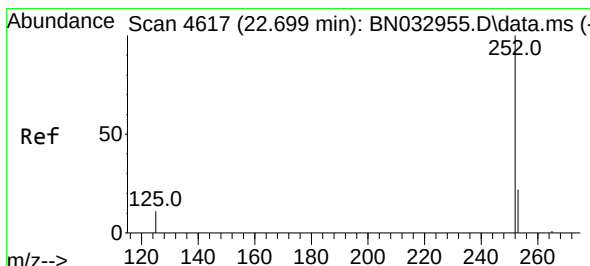
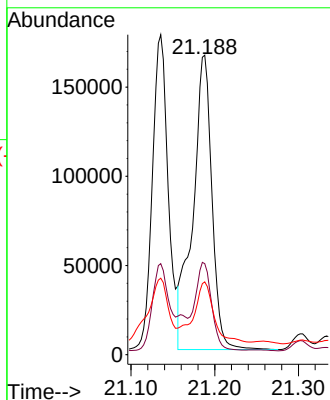
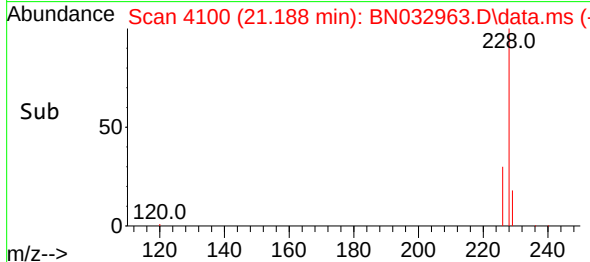
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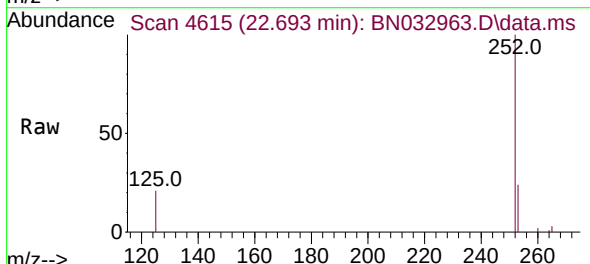
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Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 24.3 15.8 23.6

Manual Integrations
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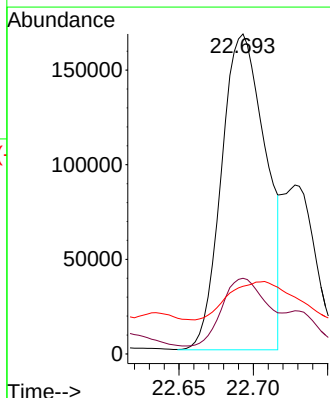
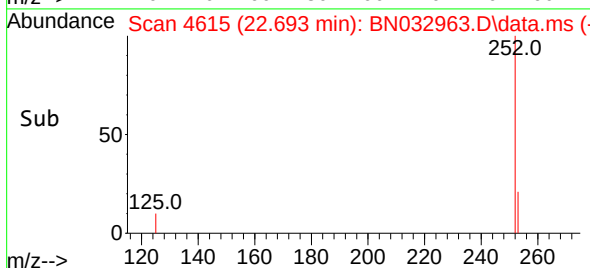
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

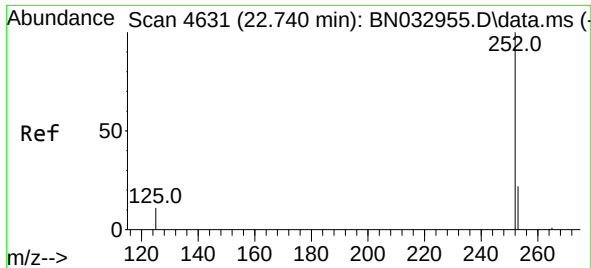


#24
Benzo(b)fluoranthene
Concen: 6.673 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25



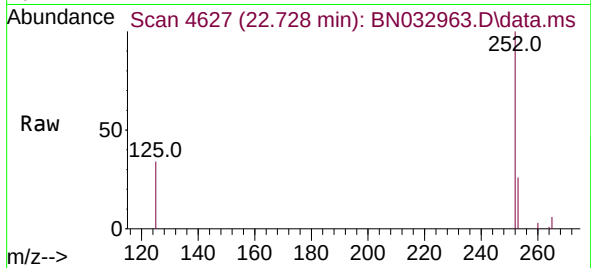
Tgt Ion:252 Resp: 344264
Ion Ratio Lower Upper
252 100
253 23.6 0.0 54.0
125 21.2 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 2.285 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

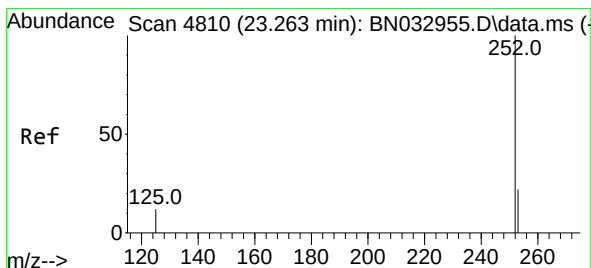
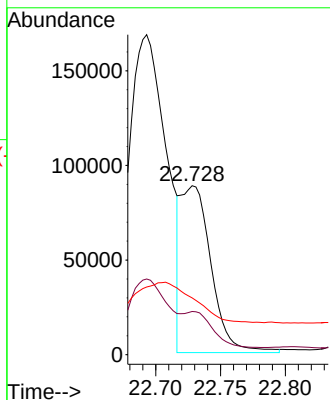
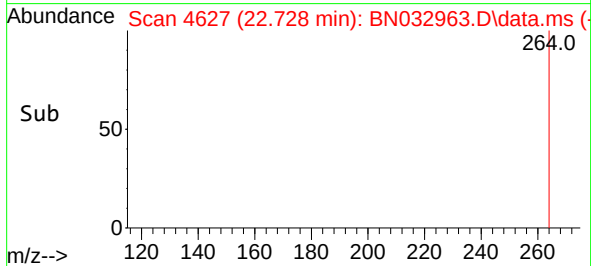
Instrument :
BNA_N
ClientSampleId :
A4D44DL



Tgt Ion:252 Resp: 14365
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 33.6 14.8 22.2

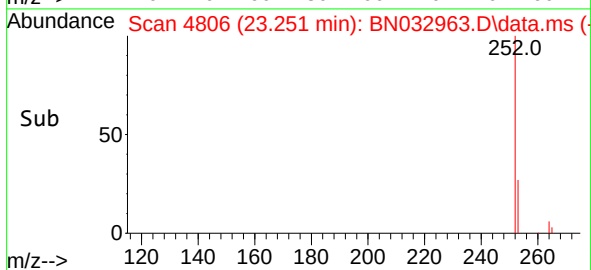
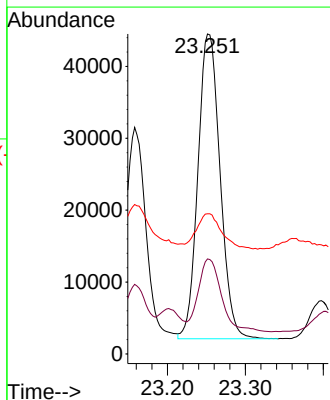
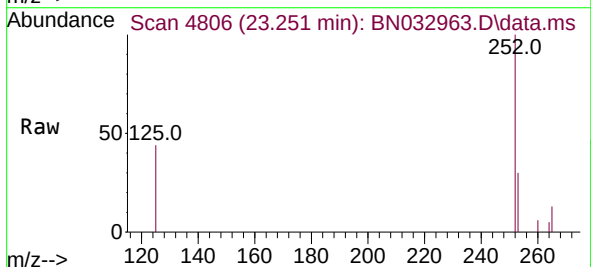
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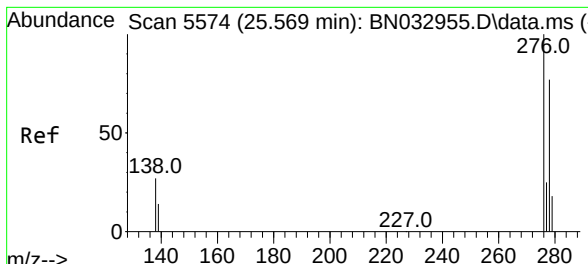
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 1.877 ng/ul
RT: 23.251 min Scan# 4806
Delta R.T. -0.012 min
Lab File: BN032963.D
Acq: 25 Jul 2024 00:25

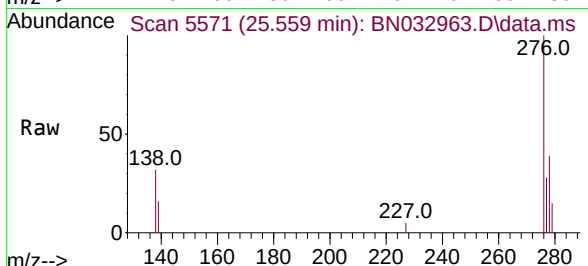
Tgt Ion:252 Resp: 83787
Ion Ratio Lower Upper
252 100
253 29.7 25.4 38.0
125 43.8 20.6 30.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.977 ng/ul
 RT: 25.559 min Scan# 5571
 Delta R.T. -0.010 min
 Lab File: BN032963.D
 Acq: 25 Jul 2024 00:25

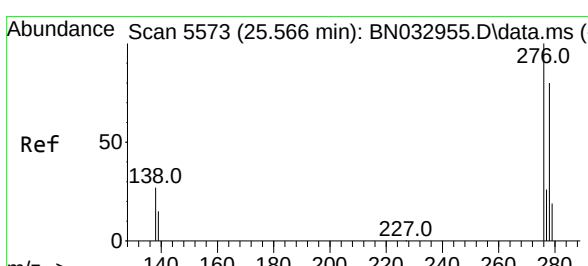
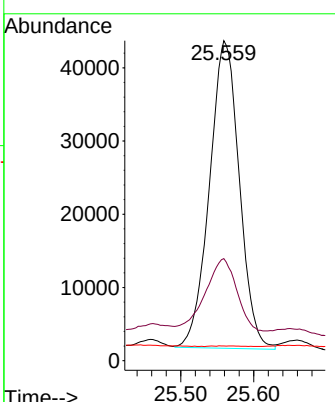
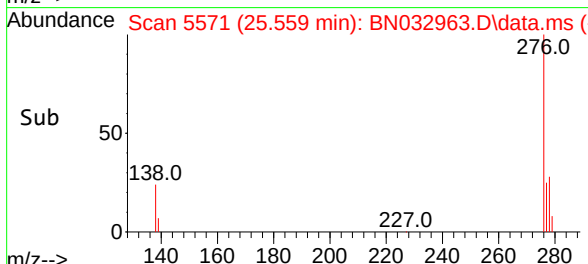
Instrument : BNA_N
 ClientSampleId : A4D44DL



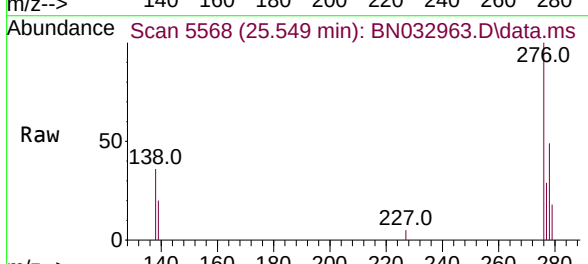
Tgt Ion: 276 Resp: 11949

Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.6	32.4
227	0.2	0.0	0.0

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 Supervised By : mohammad ahmed 07/26/2024

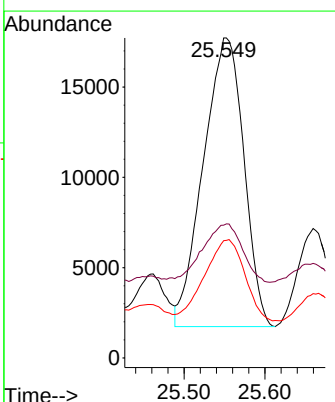
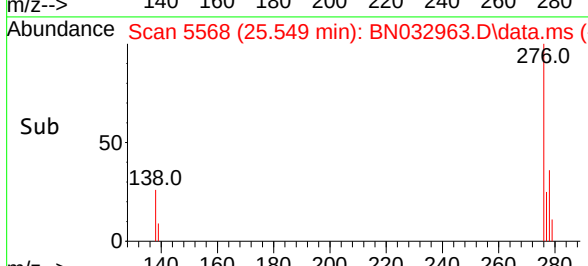


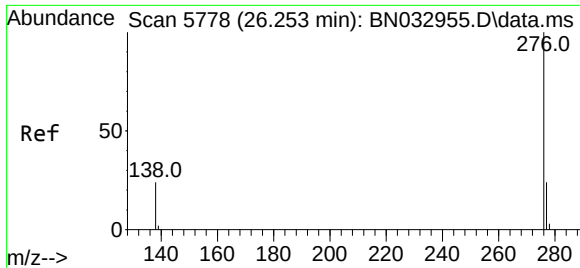
#28
 Dibenzo(a,h)anthracene
 Concen: 1.187 ng/ul
 RT: 25.549 min Scan# 5568
 Delta R.T. -0.020 min
 Lab File: BN032963.D
 Acq: 25 Jul 2024 00:25



Tgt Ion: 278 Resp: 55615

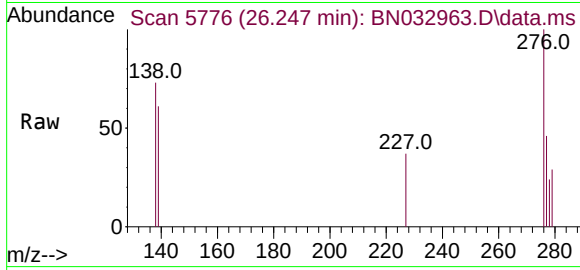
Ion	Ratio	Lower	Upper
278	100		
139	41.5	16.6	24.8#
279	36.6	23.7	35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.321 ng/ul
 RT: 26.247 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN032963.D
 Acq: 25 Jul 2024 00:25

Instrument :
 BNA_N
 ClientSampleId :
 A4D44DL



Tgt Ion: 276 Resp: 16204

Ion	Ratio	Lower	Upper
276	100		
138	73.4	21.0	31.4
277	46.2	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 07/25/2024
 Supervised By : mohammad ahmed 07/26/2024

