

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032943.D
 Acq On : 24 Jul 2024 11:47
 Operator : MA/JU
 Sample : P3238-12DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 12:35:04 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	5455	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18324	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10067	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	15556	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	12606	0.400	ng/ul	# 0.00
23) Perylene-d12	23.357	264	15822	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2772	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	796	0.029	ng/ul	-0.02
18) Fluoranthene-d10	18.985	212	1270	0.031	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.897	152	1278	0.031	ng/ul#	78
15) Phenanthrene	16.982	178	13634	0.322	ng/ul	99
16) Anthracene	17.079	178	2295	0.066	ng/ul#	83
19) Fluoranthene	19.013	202	39866	0.778	ng/ul	99
20) Pyrene	19.380	202	28142	0.530	ng/ul	100
21) Benzo(a)anthracene	21.144	228	18326m	0.457	ng/ul	
22) Chrysene	21.197	228	19915	0.343	ng/ul#	94
24) Benzo(b)fluoranthene	22.699	252	31038m	0.556	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	12213m	0.180	ng/ul	
26) Benzo(a)pyrene	23.260	252	11242	0.233	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.569	276	12981	0.198	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.566	278	3760	0.074	ng/ul#	1
29) Benzo(g,h,i)perylene	26.257	276	2105	0.039	ng/ul#	1

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

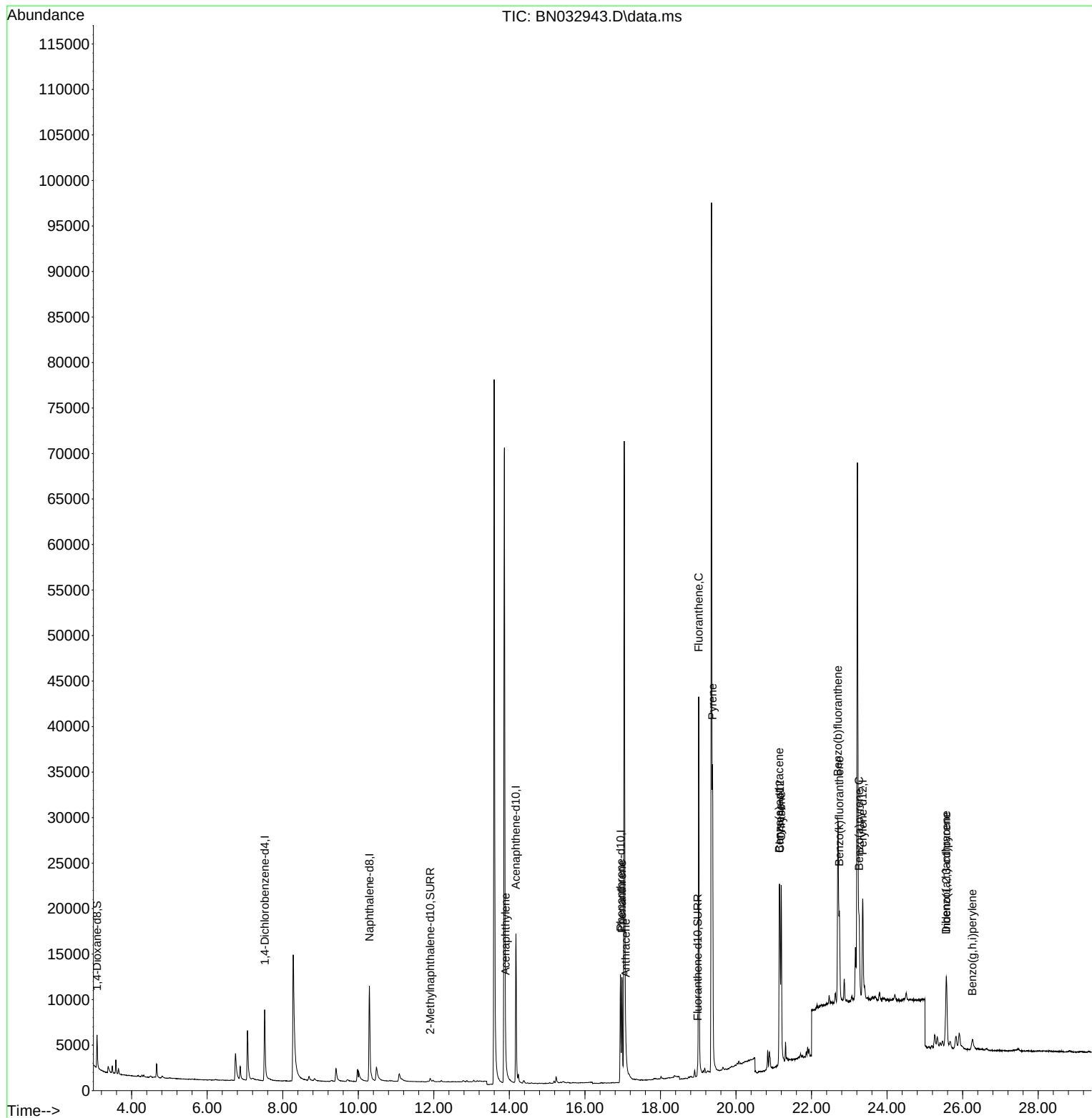
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032943.D
Acq On : 24 Jul 2024 11:47
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ALS Vial : 54 Sample Multiplier: 1

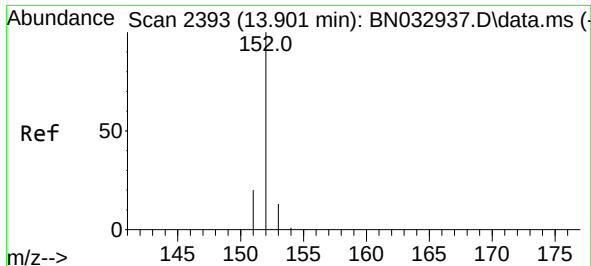
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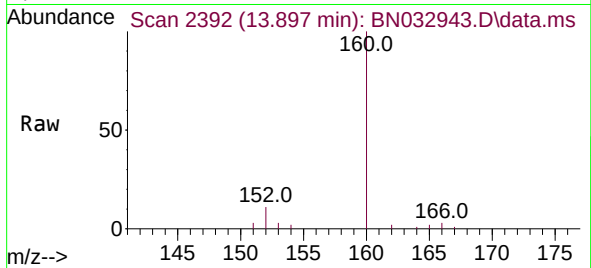
Quant Time: Jul 24 12:35:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.897 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

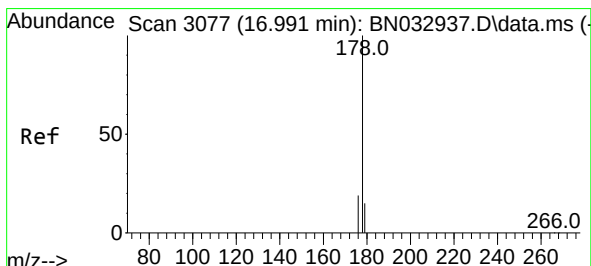
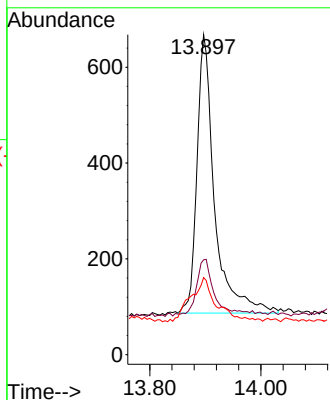
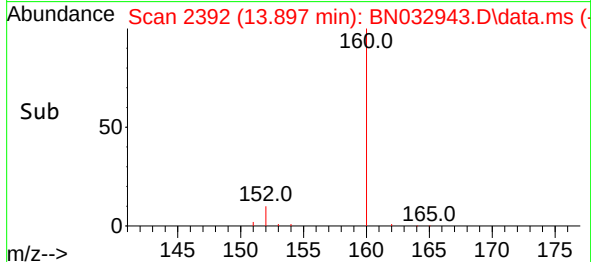
Instrument :
BNA_N
ClientSampleId :
A4BF8DL



Tgt Ion:152 Resp: 1278
Ion Ratio Lower Upper
152 100
151 29.6 16.3 24.5
153 24.1 11.3 16.9

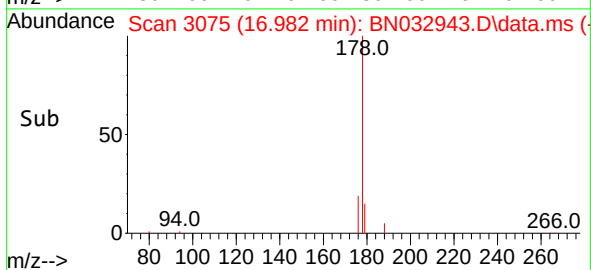
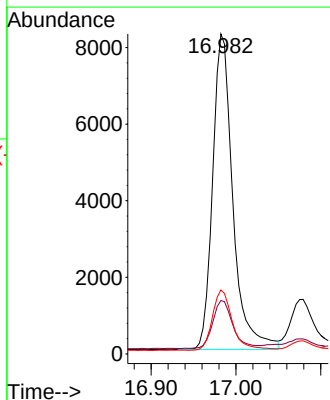
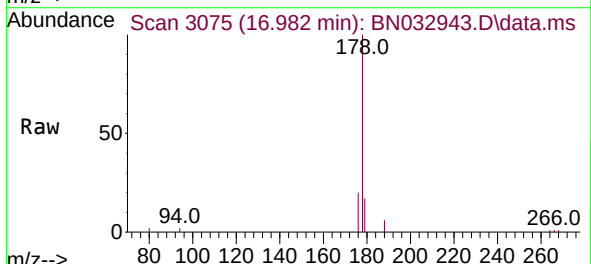
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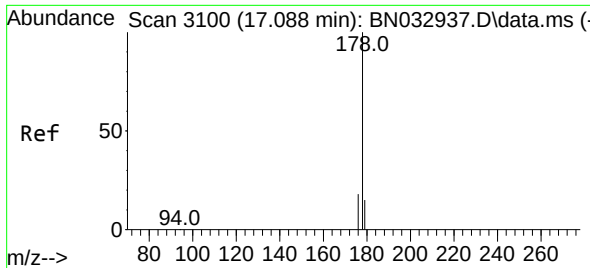
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

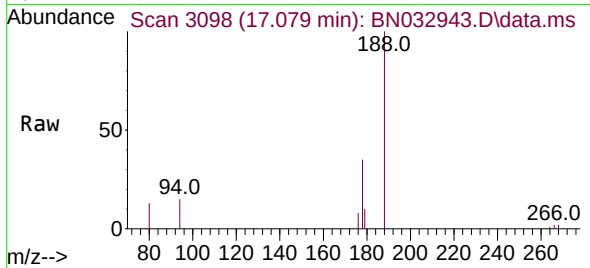
Tgt Ion:178 Resp: 13634
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.0 15.6 23.4





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.079 min Scan# 3098
 Delta R.T. -0.020 min
 Lab File: BN032943.D
 Acq: 24 Jul 2024 11:47

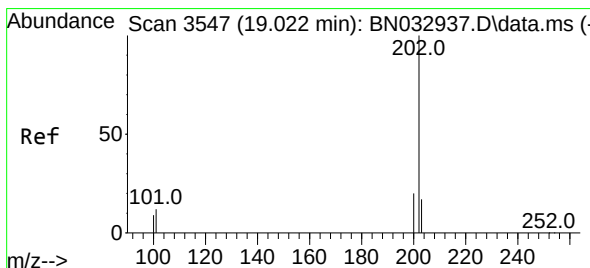
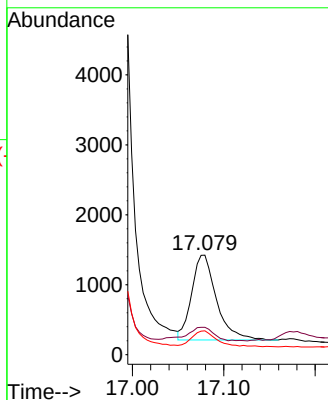
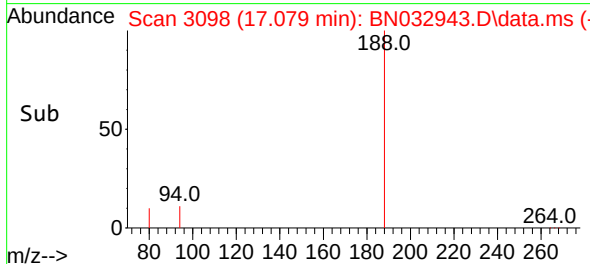
Instrument :
 BNA_N
 ClientSampleId :
 A4BF8DL



Tgt Ion:178 Resp: 2295
 Ion Ratio Lower Upper
 178 100
 179 27.5 13.4 20.2
 176 24.0 15.4 23.0

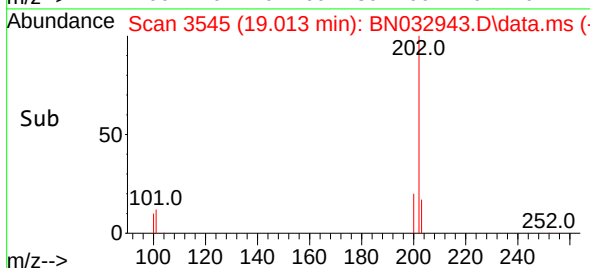
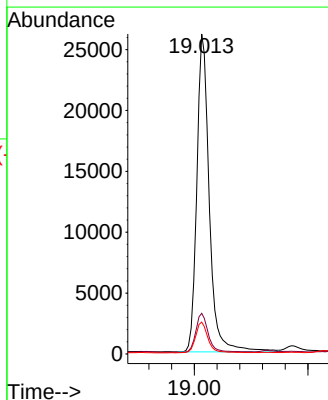
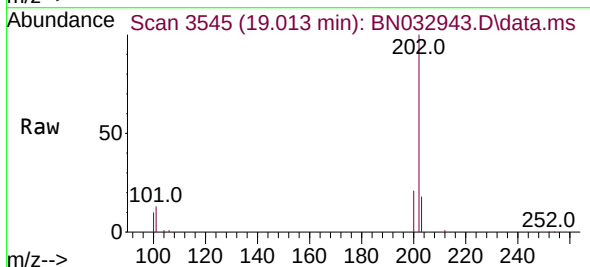
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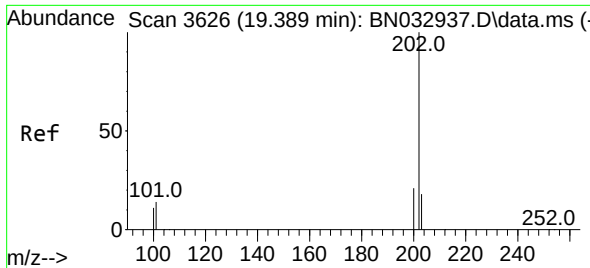
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#19
 Fluoranthene
 Concen: 0.778 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: BN032943.D
 Acq: 24 Jul 2024 11:47

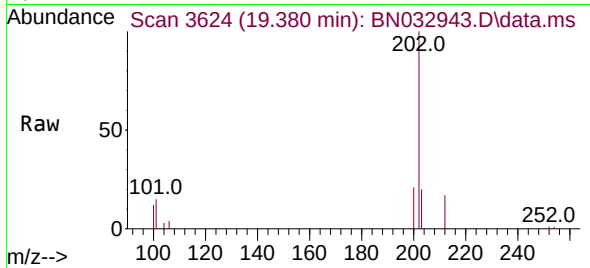
Tgt Ion:202 Resp: 39866
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.8 14.8
 100 9.9 7.9 11.9





#20
Pyrene
Concen: 0.530 ng/ul
RT: 19.380 min Scan# 30
Delta R.T. -0.012 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

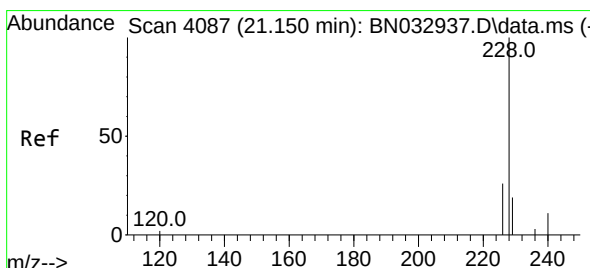
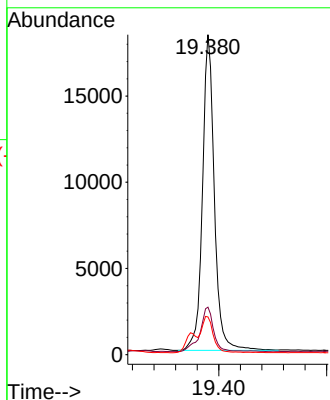
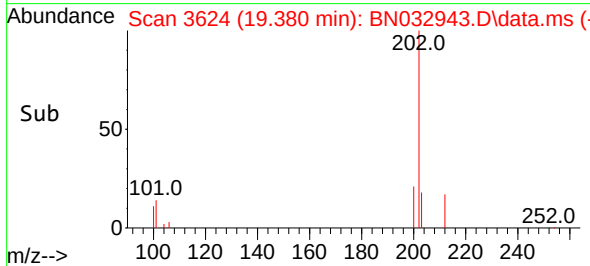
Instrument :
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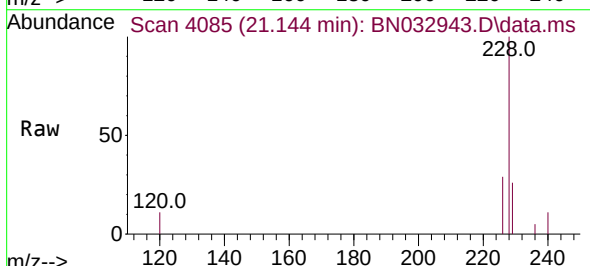
Tgt Ion:202 Resp: 2814
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.8 9.6 14.4

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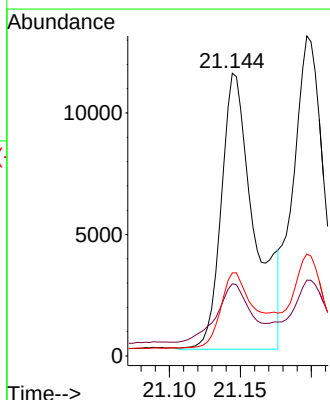
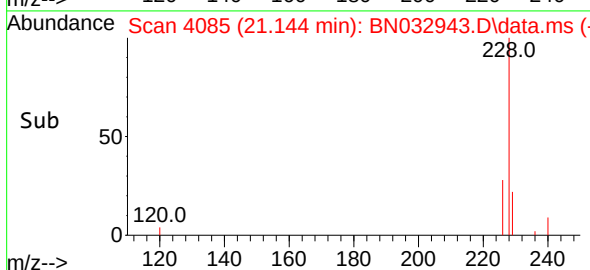
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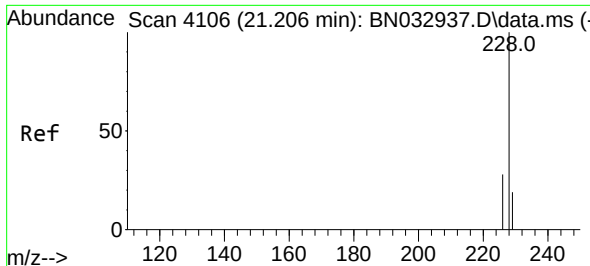


#21
Benzo(a)anthracene
Concen: 0.457 ng/ul m
RT: 21.144 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47



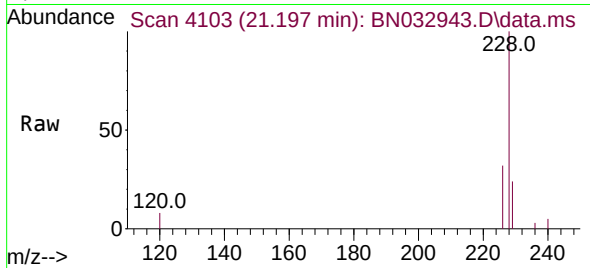
Tgt Ion:228 Resp: 18326
Ion Ratio Lower Upper
228 100
229 25.5 16.1 24.1#
226 29.4 21.9 32.9





#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

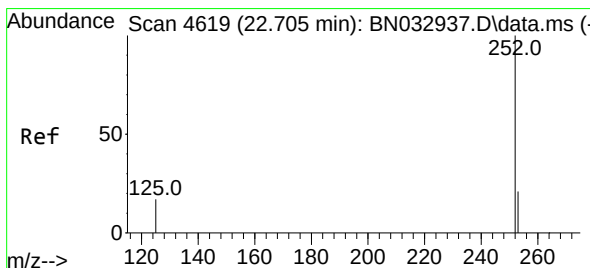
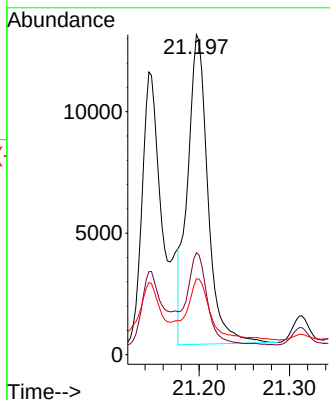
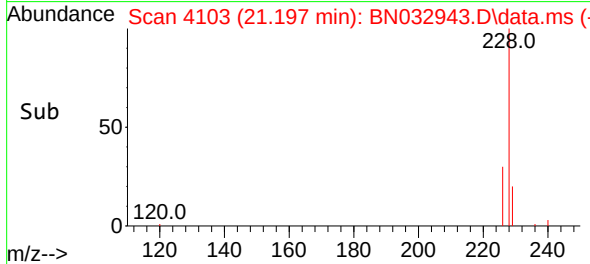
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ClientSampleId :
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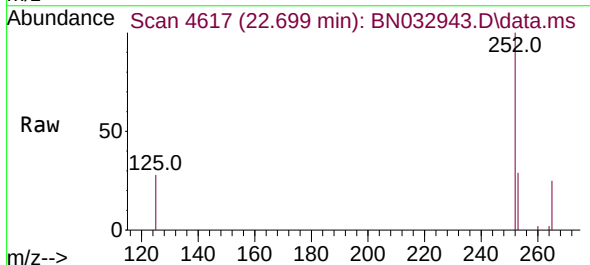
Tgt Ion:228 Resp: 19915
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 23.7 15.8 23.6

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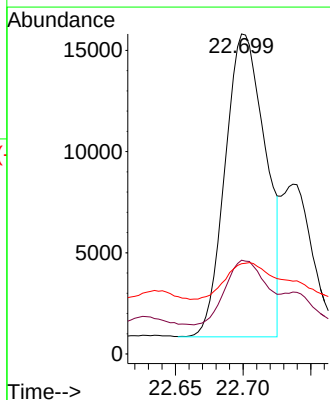
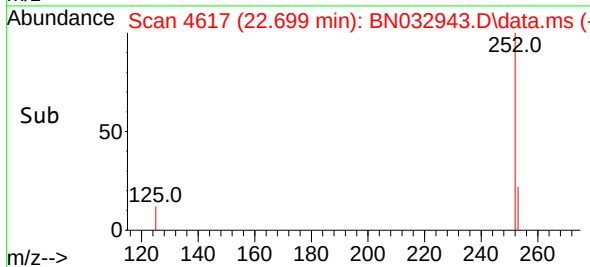
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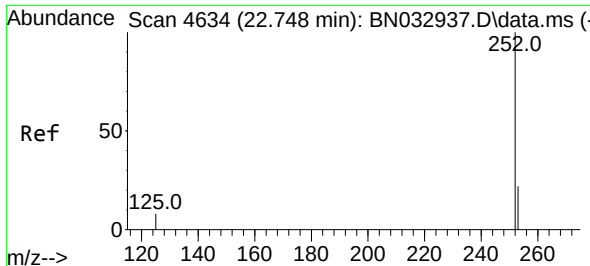


#24
Benzo(b)fluoranthene
Concen: 0.556 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.000 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47



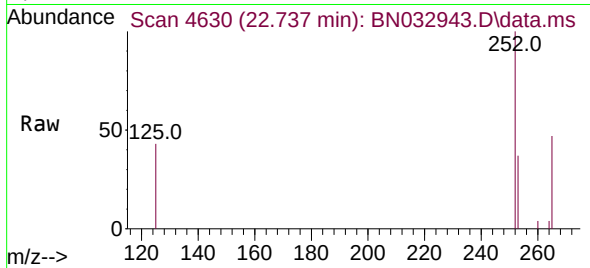
Tgt Ion:252 Resp: 31038
Ion Ratio Lower Upper
252 100
253 29.3 0.0 54.0
125 28.2 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.003 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

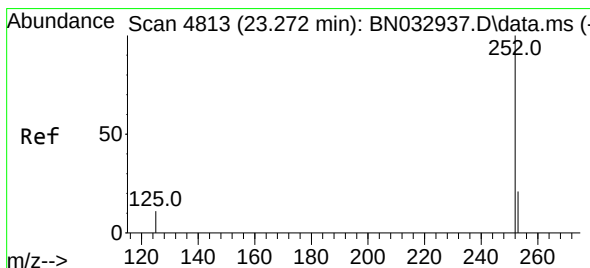
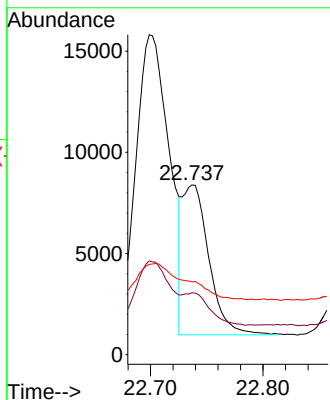
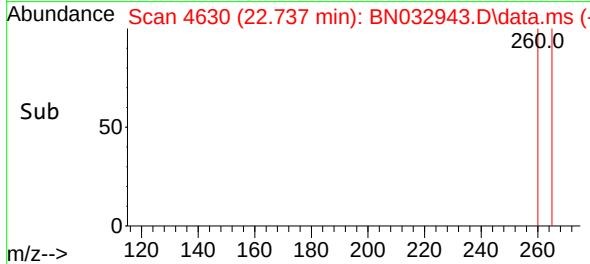
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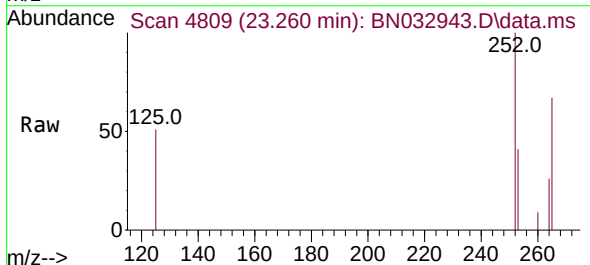
Tgt Ion:252 Resp: 1221
Ion Ratio Lower Upper
252 100
253 36.5 21.2 31.8
125 42.9 14.8 22.2

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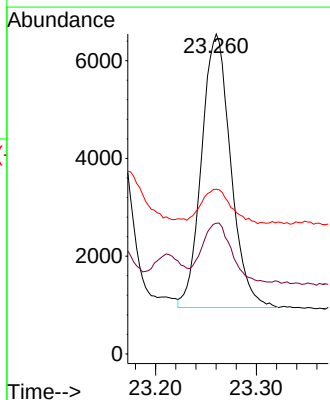
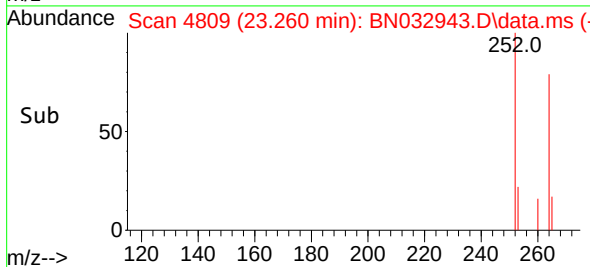
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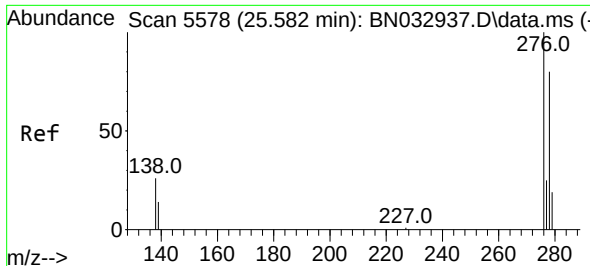


#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.260 min Scan# 4809
Delta R.T. -0.003 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47



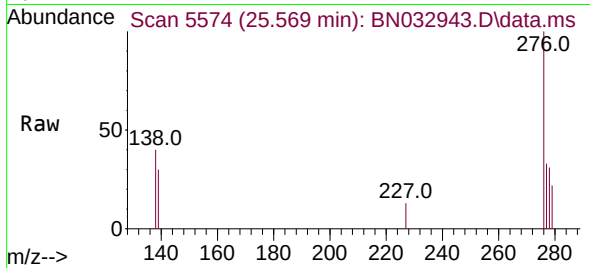
Tgt Ion:252 Resp: 11242
Ion Ratio Lower Upper
252 100
253 40.8 25.4 38.0#
125 51.5 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.569 min Scan# 5578
Delta R.T. -0.000 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47

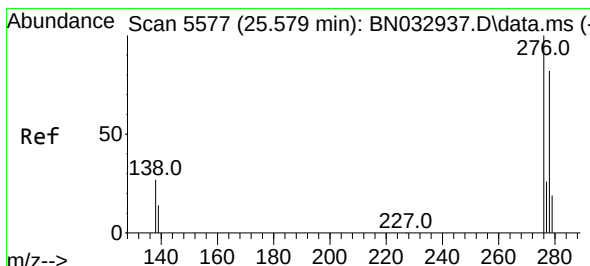
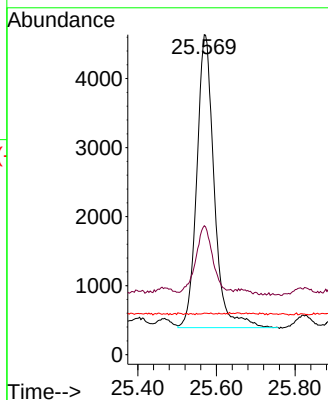
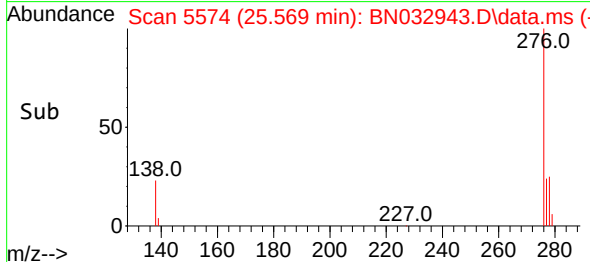
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ClientSampleId :
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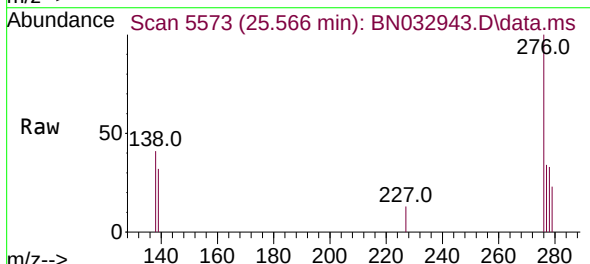
Tgt Ion:276 Resp: 1298
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.2 0.0 0.0

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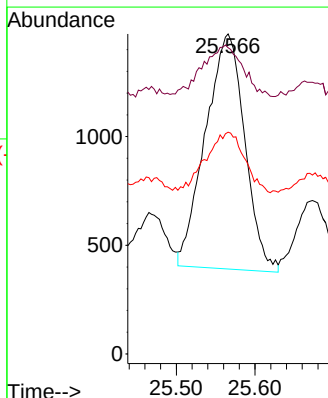
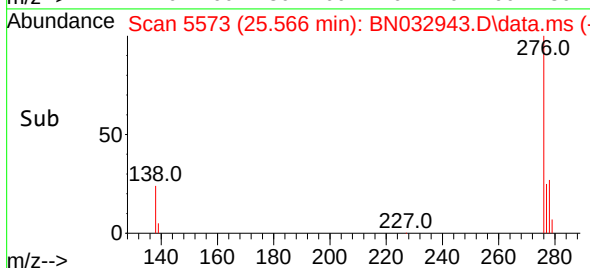
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Supervised By :mohammad ahmed 07/26/2024

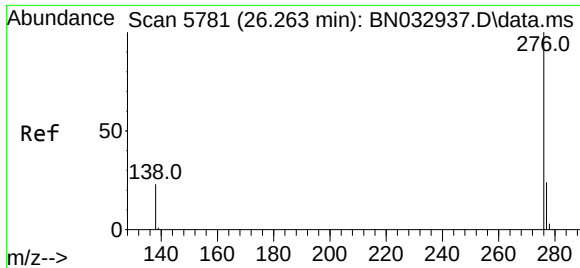


#28
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.004 min
Lab File: BN032943.D
Acq: 24 Jul 2024 11:47



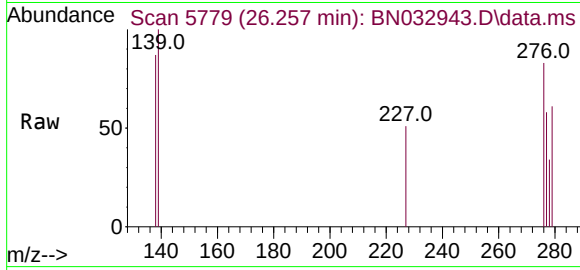
Tgt Ion:278 Resp: 3760
Ion Ratio Lower Upper
278 100
139 95.7 16.6 24.8#
279 69.3 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.039 ng/ul
 RT: 26.257 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BN032943.D
 Acq: 24 Jul 2024 11:47

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	276	Resp:	210
Ion	Ratio	Lower	Upper
276	100		
138	104.9	21.0	31.4
277	70.2	20.6	31.0

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