

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032838.D
 Acq On : 19 Jul 2024 13:23
 Operator : MA/JU
 Sample : P3178-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT2

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 13:56:17 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	7.532	152	3052	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	9285	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	4957	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	9178m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.171	240	7890m	0.400	ng/ul	0.00
23) Perylene-d12	23.357	264	7781m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12510	3.414	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.911	152	2944	0.210	ng/ul	-0.02
18) Fluoranthene-d10	18.985	212	5474	0.213	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	879	0.035	ng/ul#	76
11) Acenaphthene	14.244	153	718	0.043	ng/ul	95
12) Fluorene	15.243	166	839	0.044	ng/ul#	97
15) Phenanthrene	16.982	178	8691m	0.348	ng/ul	
16) Anthracene	17.075	178	1727m	0.085	ng/ul	
19) Fluoranthene	19.018	202	9942	0.310	ng/ul	98
20) Pyrene	19.380	202	9107m	0.274	ng/ul	
21) Benzo(a)anthracene	21.156	228	4240	0.169	ng/ul#	88
22) Chrysene	21.206	228	4018	0.111	ng/ul#	91
24) Benzo(b)fluoranthene	22.702	252	5616m	0.205	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	2063m	0.062	ng/ul	
26) Benzo(a)pyrene	23.257	252	3819	0.161	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	25.586	276	2696	0.084	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.579	278	653	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.263	276	2661	0.099	ng/ul#	65

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

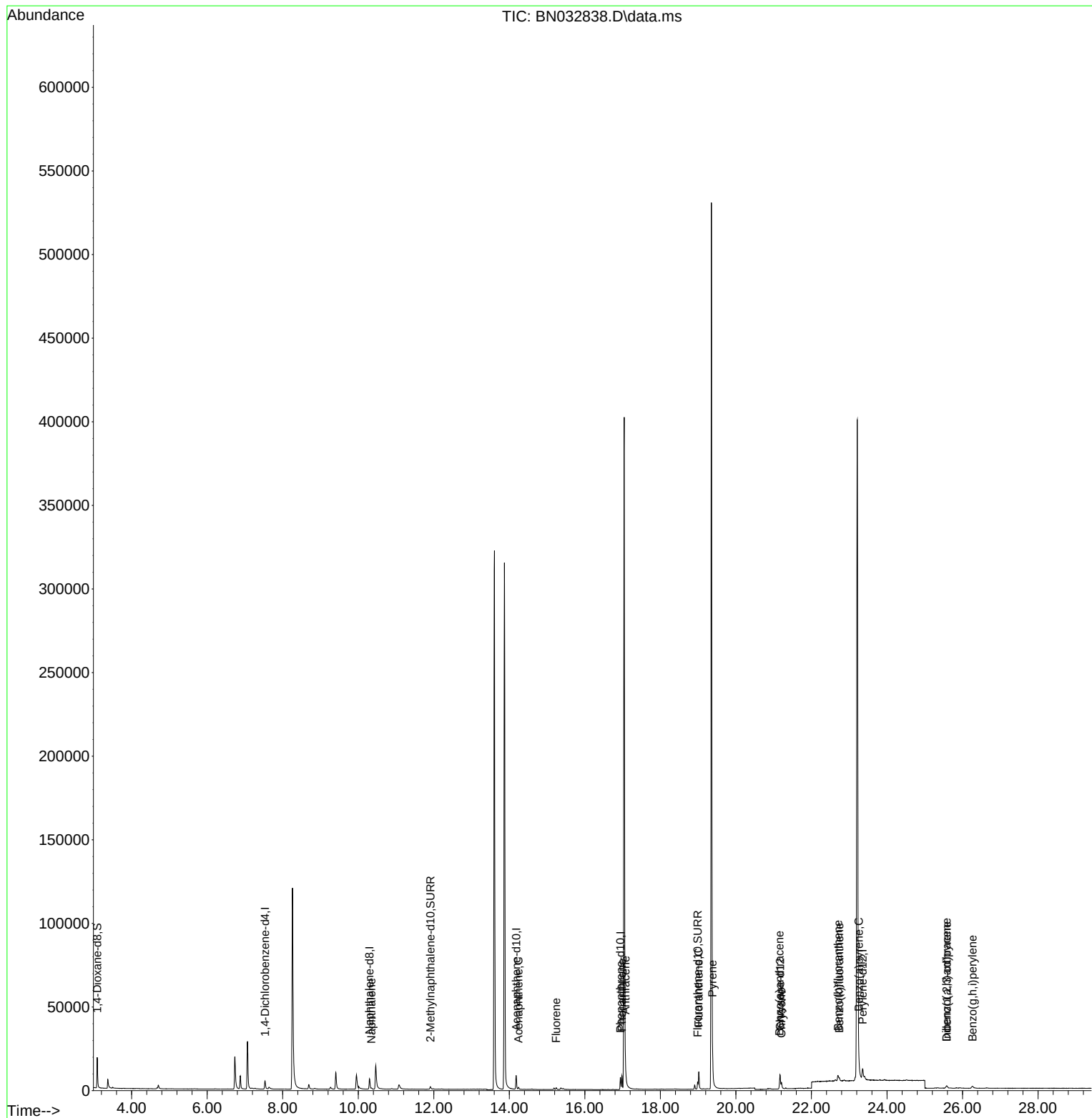
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032838.D
Acq On : 19 Jul 2024 13:23
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Sample : P3178-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

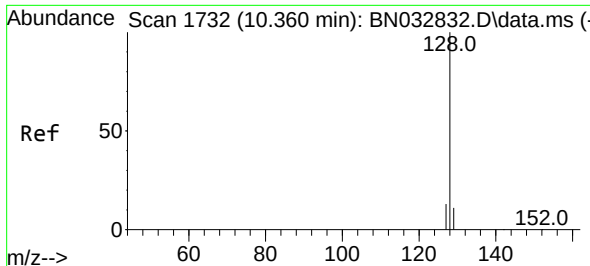
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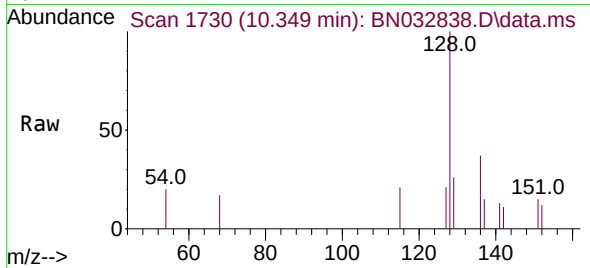
Quant Time: Jul 19 13:56:17 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/u1
RT: 10.349 min Scan# 1730
Delta R.T. -0.022 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

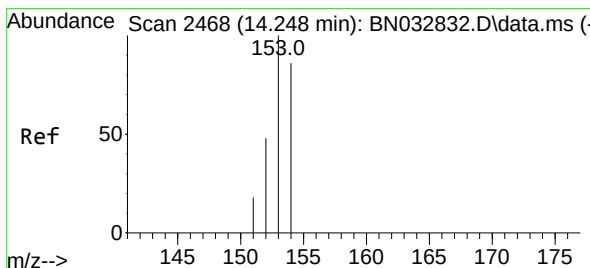
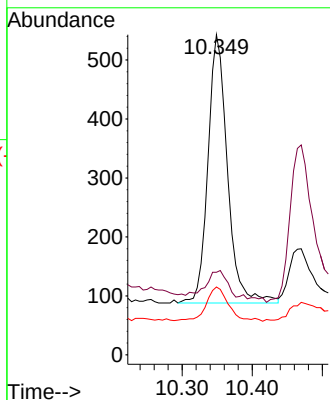
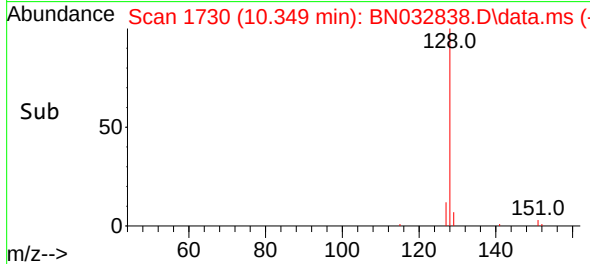
Instrument :
BNA_N
ClientSampleId :
A4BT2



Tgt Ion:128 Resp: 879
Ion Ratio Lower Upper
128 100
129 25.8 10.0 15.0
127 21.2 11.6 17.4

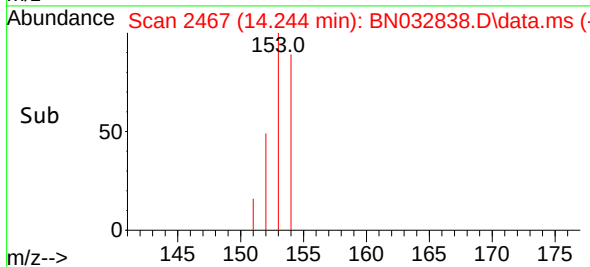
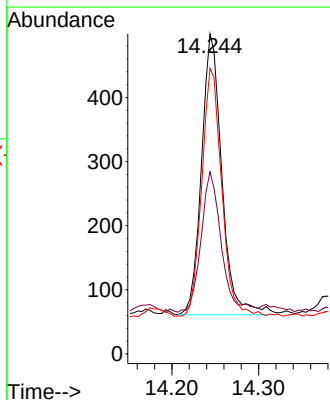
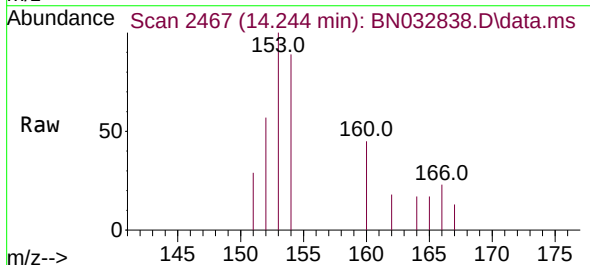
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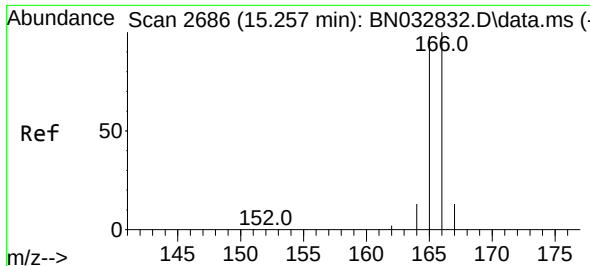
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

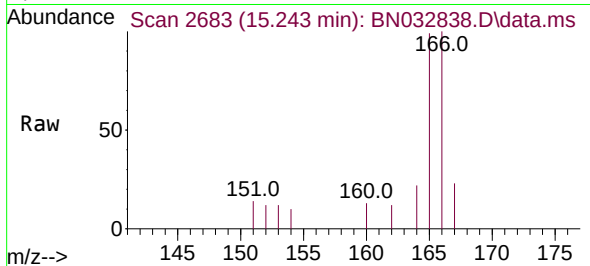
Tgt Ion:153 Resp: 718
Ion Ratio Lower Upper
153 100
152 56.9 40.0 60.0
154 89.2 70.2 105.4





#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.243 min Scan# 20
Delta R.T. -0.023 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

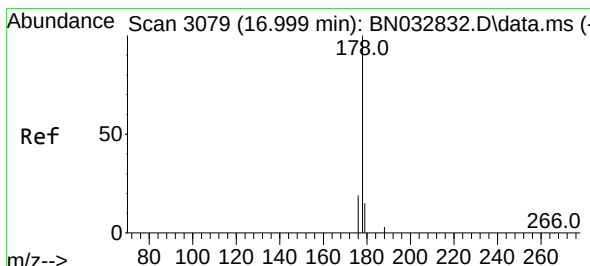
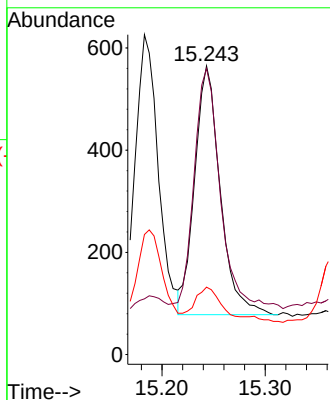
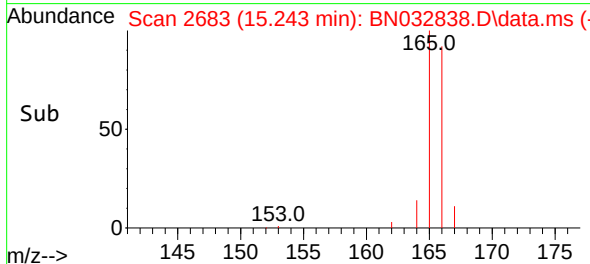
Instrument :
BNA_N
ClientSampleId :
A4BT2



Tgt Ion:166 Resp: 839
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 23.4 11.4 17.2

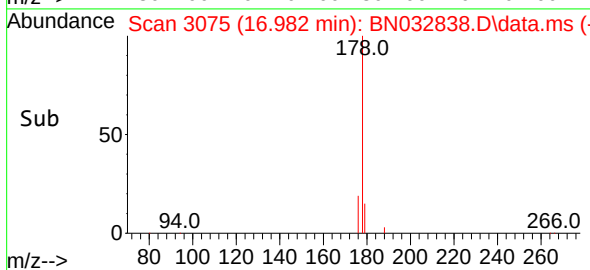
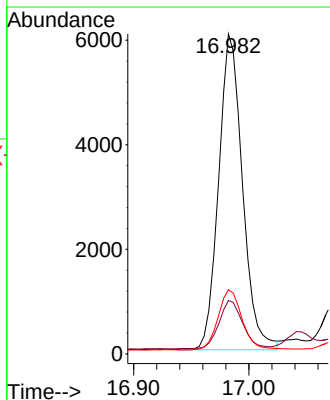
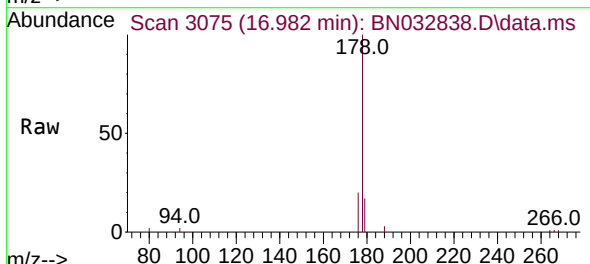
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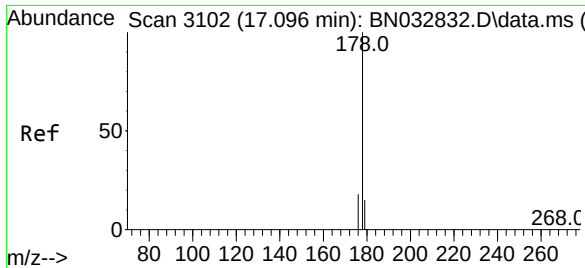
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#15
Phenanthrene
Concen: 0.348 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.025 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

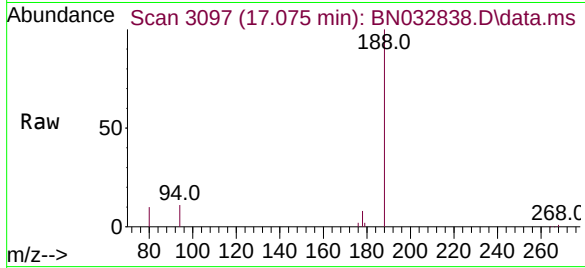
Tgt Ion:178 Resp: 8691
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.1 15.6 23.4





#16
 Anthracene
 Concen: 0.085 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032838.D
 Acq: 19 Jul 2024 13:23

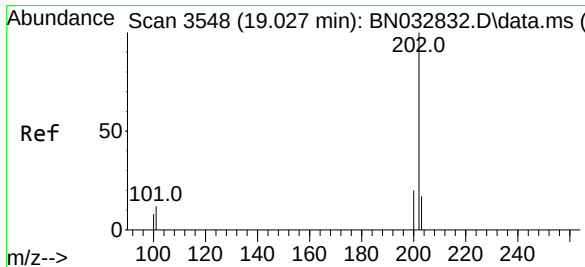
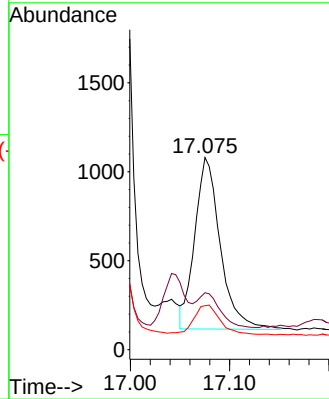
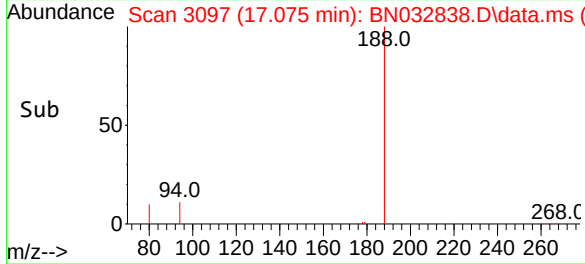
Instrument :
 BNA_N
 ClientSampleId :
 A4BT2



Tgt Ion:178 Resp: 172
 Ion Ratio Lower Upper
 178 100
 179 29.6 13.4 20.2
 176 22.9 15.4 23.0

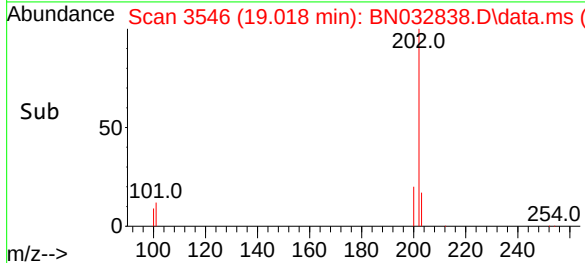
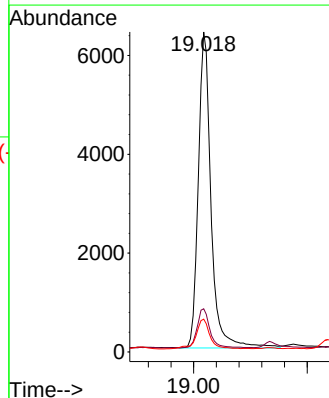
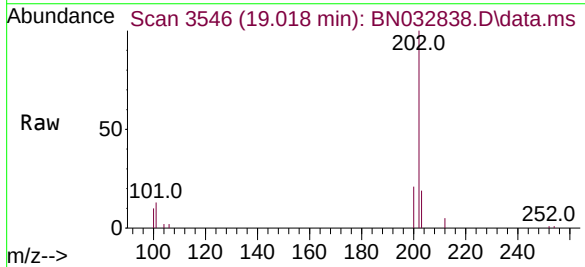
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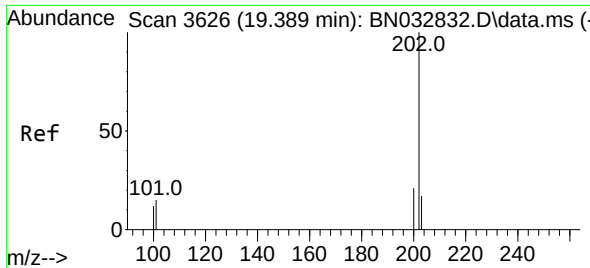
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#19
 Fluoranthene
 Concen: 0.310 ng/ul
 RT: 19.018 min Scan# 3546
 Delta R.T. -0.014 min
 Lab File: BN032838.D
 Acq: 19 Jul 2024 13:23

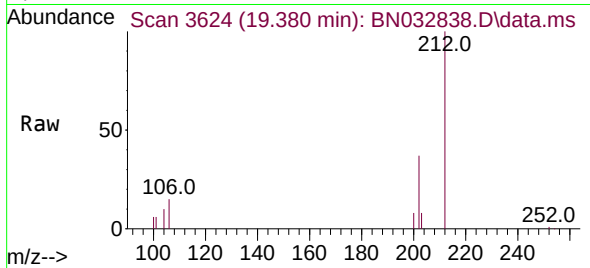
Tgt Ion:202 Resp: 9942
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.8 14.8
 100 10.2 7.9 11.9





#20
Pyrene
Concen: 0.274 ng/ul m
RT: 19.380 min Scan# 3626
Delta R.T. -0.019 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

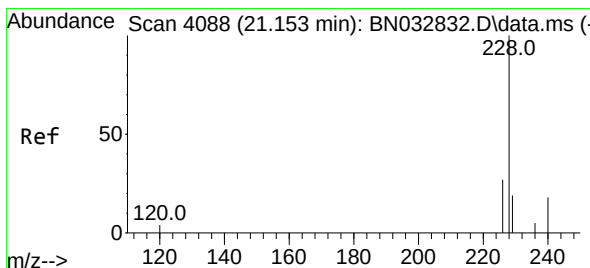
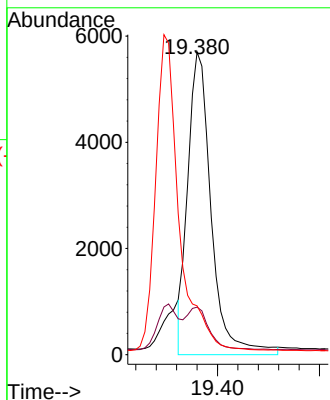
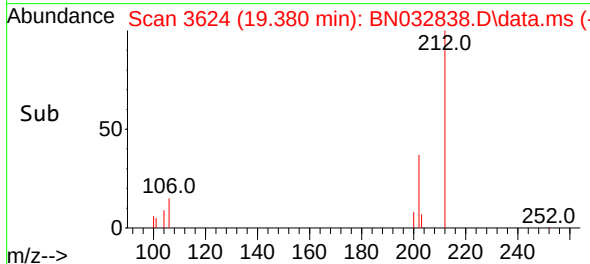
Instrument :
BNA_N
ClientSampleId :
A4BT2



Tgt Ion:202 Resp: 910
Ion Ratio Lower Upper
202 100
101 15.7 11.8 17.6
100 16.1 9.6 14.4

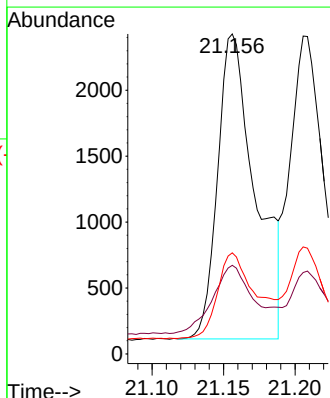
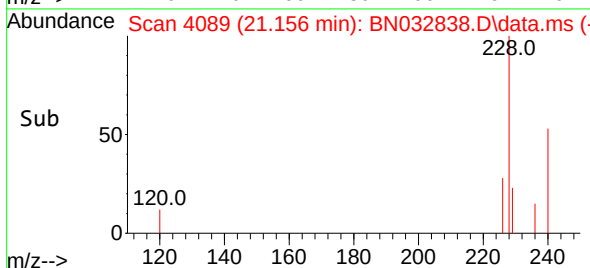
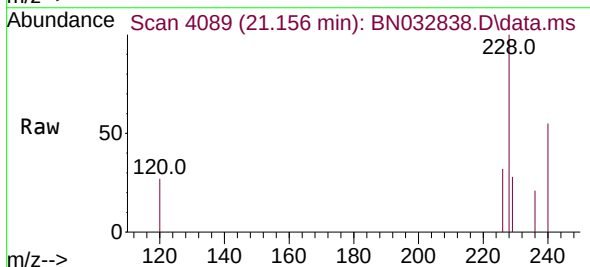
Manual Integrations
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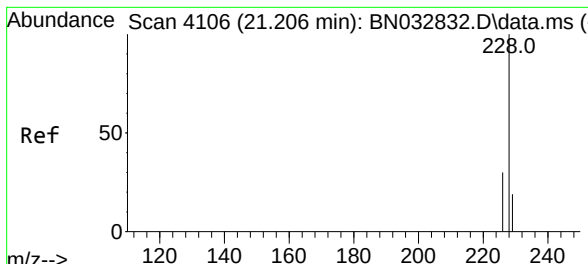
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.003 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

Tgt Ion:228 Resp: 4240
Ion Ratio Lower Upper
228 100
229 27.7 16.1 24.1#
226 31.6 21.9 32.9





#22

Chrysene

Concen: 0.111 ng/ul

RT: 21.206 min Scan# 4106

Delta R.T. -0.006 min

Lab File: BN032838.D

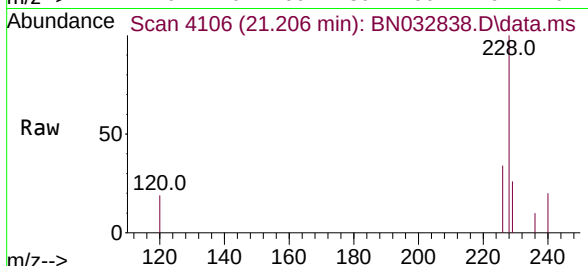
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Instrument :

BNA_N

ClientSampleId :

A4BT2



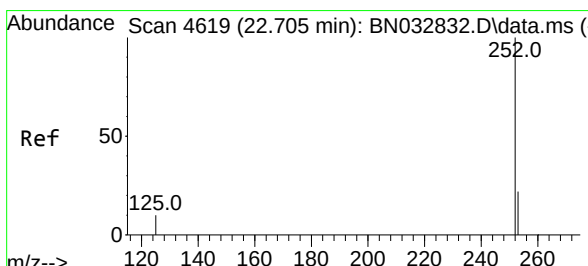
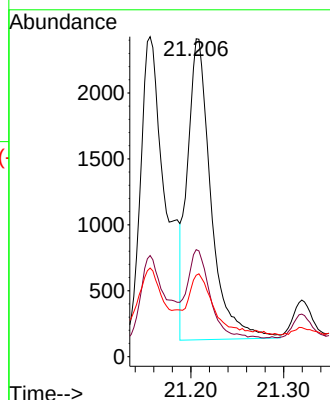
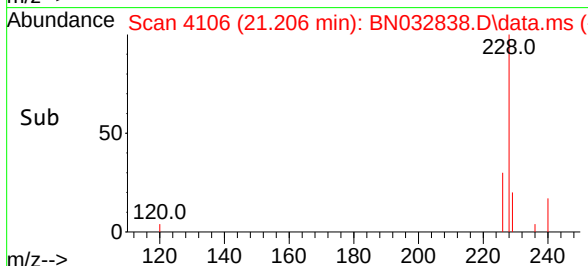
Tgt Ion:	228	Resp:	4018
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.0	36.0
229	25.6	15.8	23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#24

Benzo(b)fluoranthene

Concen: 0.205 ng/ul m

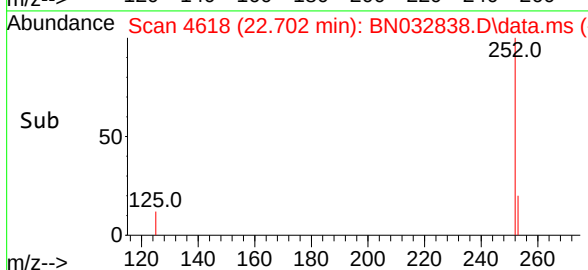
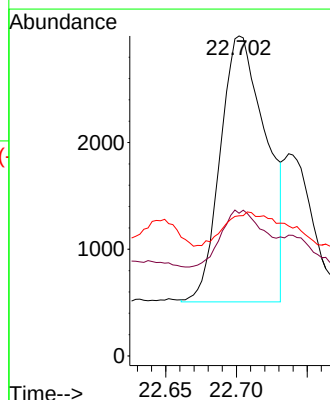
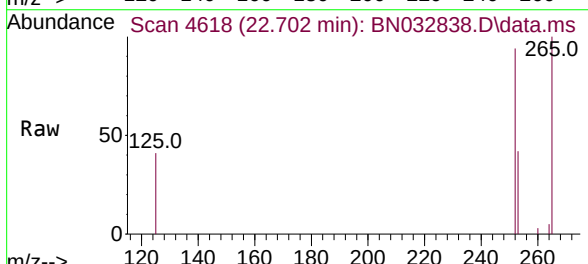
RT: 22.702 min Scan# 4618

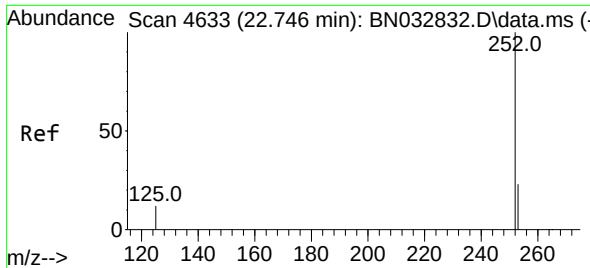
Delta R.T. -0.009 min

Lab File: BN032838.D

Acq: 19 Jul 2024 13:23

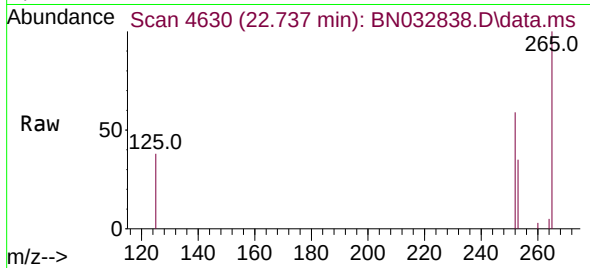
Tgt Ion:	252	Resp:	5616
Ion Ratio	Lower	Upper	
252	100		
253	44.6	0.0	54.0
125	43.8	0.0	36.0





#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.737 min Scan# 4633
Delta R.T. -0.018 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

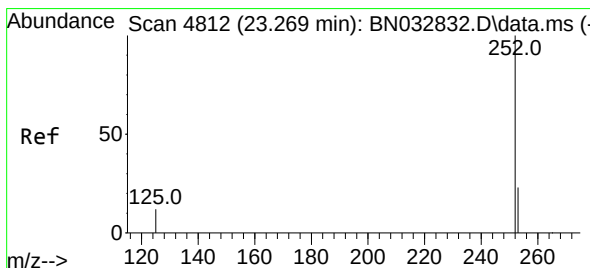
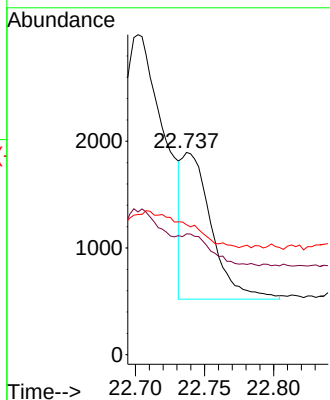
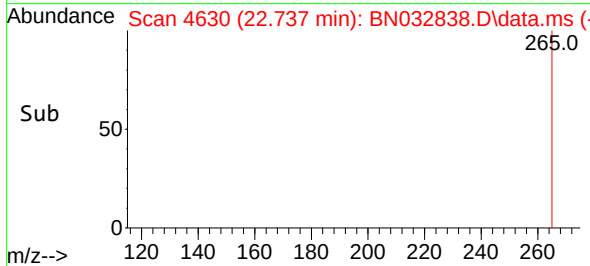
Instrument :
BNA_N
ClientSampleId :
A4BT2



Tgt Ion:252 Resp: 2063
Ion Ratio Lower Upper
252 100
253 59.7 21.2 31.8#
125 64.3 14.8 22.2#

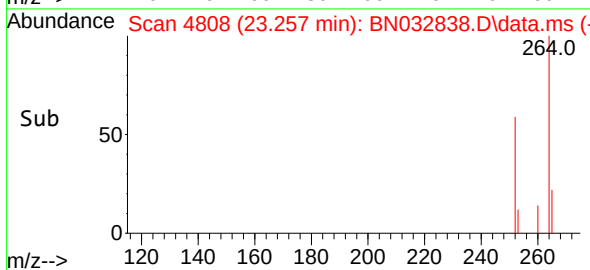
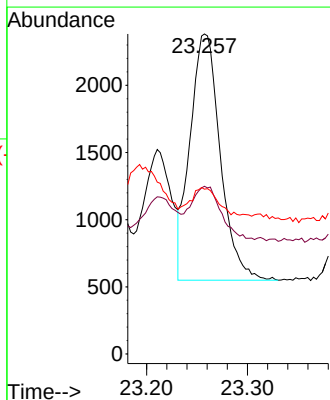
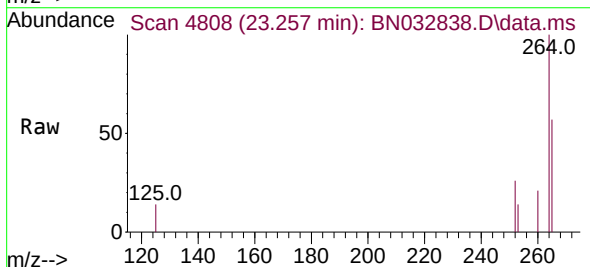
Manual Integrations
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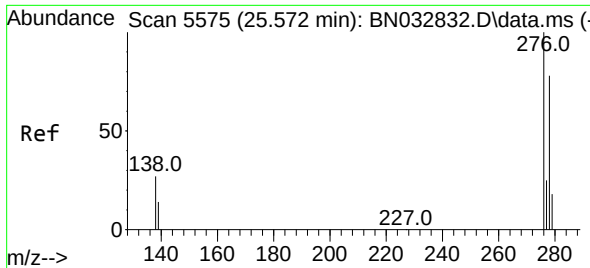
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
Benzo(a)pyrene
Concen: 0.161 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

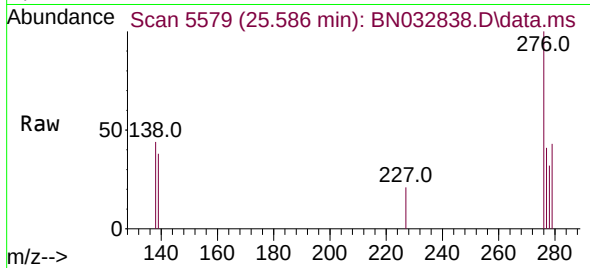
Tgt Ion:252 Resp: 3819
Ion Ratio Lower Upper
252 100
253 52.4 25.4 38.0#
125 51.5 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 25.586 min Scan# 5576
Delta R.T. 0.003 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23

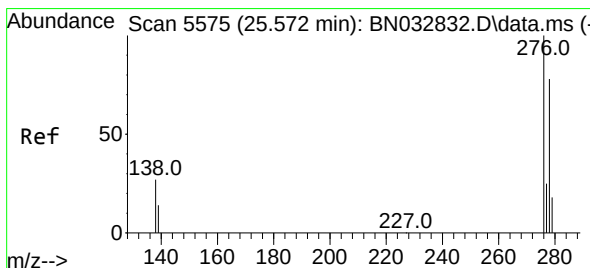
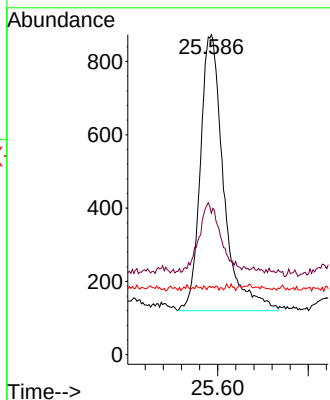
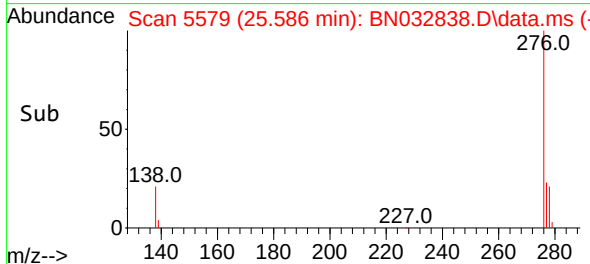
Instrument :
BNA_N
ClientSampleId :
A4BT2



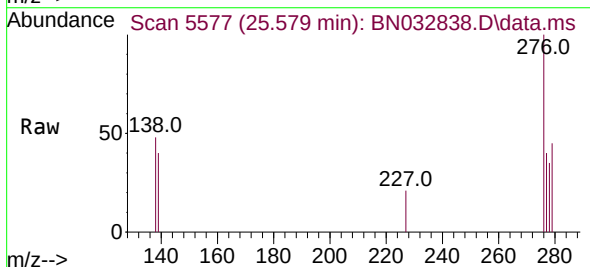
Tgt Ion:276 Resp: 2690
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.5 0.0 0.0

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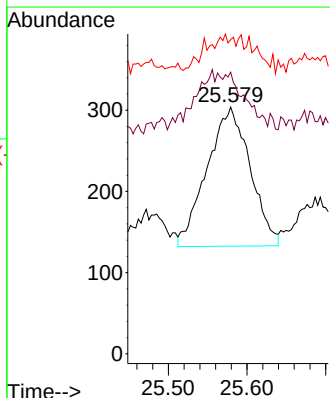
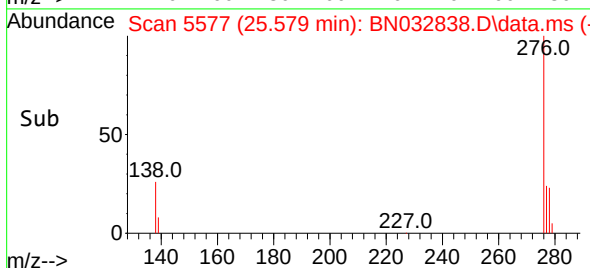
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

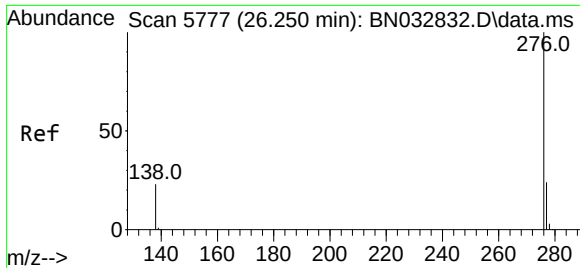


#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.010 min
Lab File: BN032838.D
Acq: 19 Jul 2024 13:23



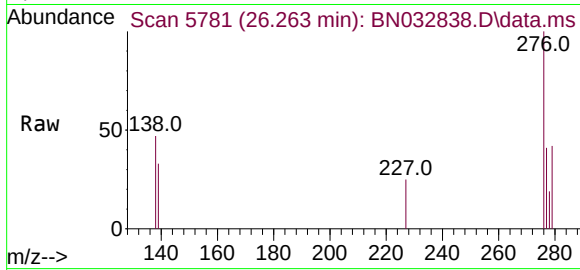
Tgt Ion:278 Resp: 653
Ion Ratio Lower Upper
278 100
139 114.1 16.6 24.8#
279 127.3 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.099 ng/ul
 RT: 26.263 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN032838.D
 Acq: 19 Jul 2024 13:23

Instrument :
 BNA_N
 ClientSampleId :
 A4BT2



Tgt Ion:	276	Resp:	266
Ion	Ratio	Lower	Upper
276	100		
138	47.2	21.0	31.4
277	40.5	20.6	31.0

Manual Integrations
 APPROVED

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

