

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032767.D
 Acq On : 17 Jul 2024 07:34
 Operator : MA/JU
 Sample : P3100-21
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D38

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:59:15 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 : 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	7.544	152	6007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	17585	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	9275	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	19853m	0.400	ng/ul	0.00
17) Chrysene-d12	21.171	240	17188m	0.400	ng/ul	0.00
23) Perylene-d12	23.371	264	20404m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	27323	3.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5776	0.217	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	11928	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.915	152	6431	0.172	ng/ul	95
11) Acenaphthene	14.258	153	796	0.026	ng/ul#	90
12) Fluorene	15.257	166	1410	0.040	ng/ul#	91
15) Phenanthrene	16.995	178	16545m	0.306	ng/ul	
16) Anthracene	17.092	178	5811m	0.132	ng/ul	
19) Fluoranthene	19.027	202	45340	0.649	ng/ul#	92
20) Pyrene	19.394	202	38865m	0.537	ng/ul	
21) Benzo(a)anthracene	21.156	228	21045	0.385	ng/ul#	86
22) Chrysene	21.206	228	24341	0.308	ng/ul#	88
24) Benzo(b)fluoranthene	22.713	252	41550m	0.577	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	14645m	0.167	ng/ul	
26) Benzo(a)pyrene	23.269	252	25833	0.415	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.582	276	22088	0.262	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.582	278	5616	0.086	ng/ul#	1
29) Benzo(g,h,i)perylene	26.270	276	22882	0.325	ng/ul#	76

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

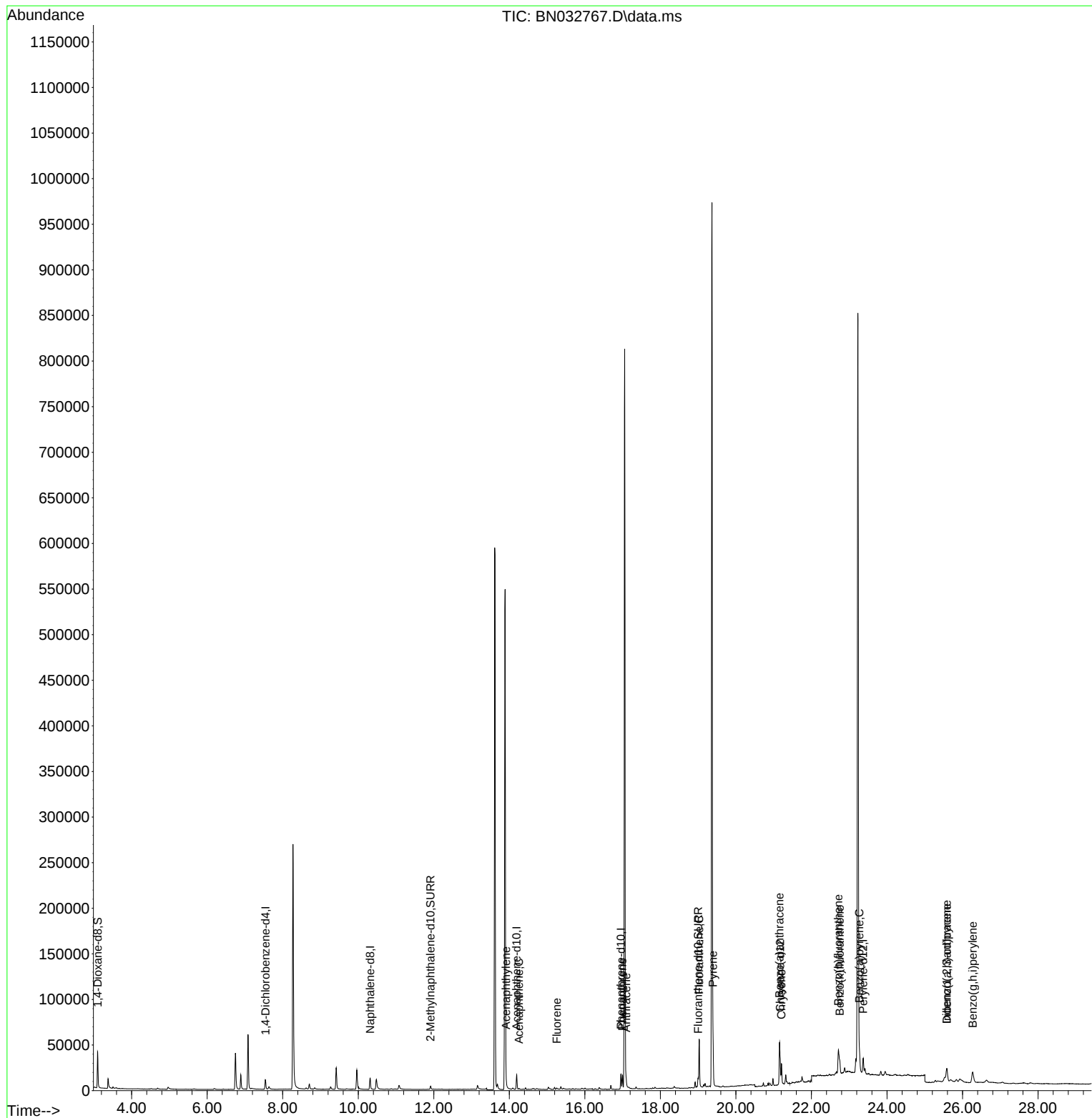
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032767.D
Acq On : 17 Jul 2024 07:34
Operator : MA/JU
Sample : P3100-21
Misc :
ALS Vial : 38 Sample Multiplier: 1

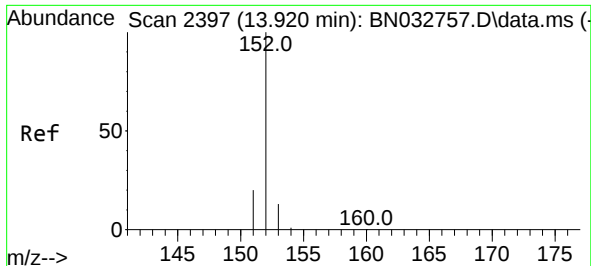
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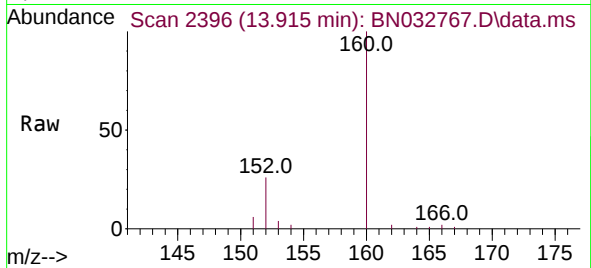
Quant Time: Jul 17 07:59:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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#10
Acenaphthylene
Concen: 0.172 ng/u1
RT: 13.915 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

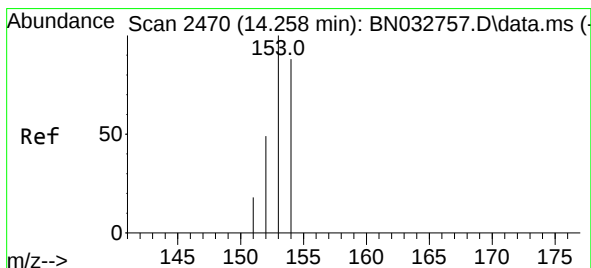
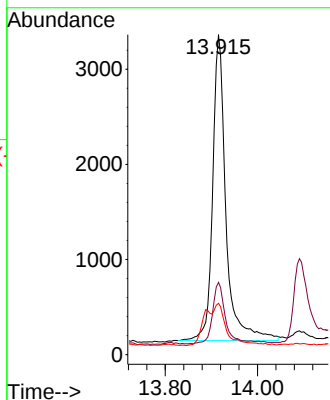
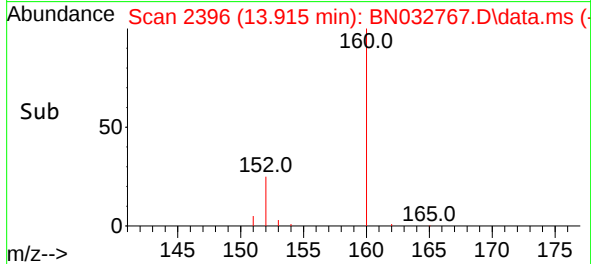
Instrument :
BNA_N
ClientSampleId :
A4D38



Tgt Ion:152 Resp: 643
Ion Ratio Lower Upper
152 100
151 22.6 16.3 24.5
153 16.1 11.3 16.9

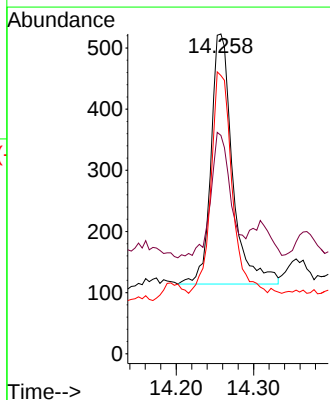
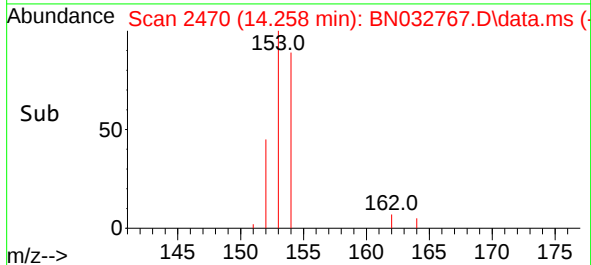
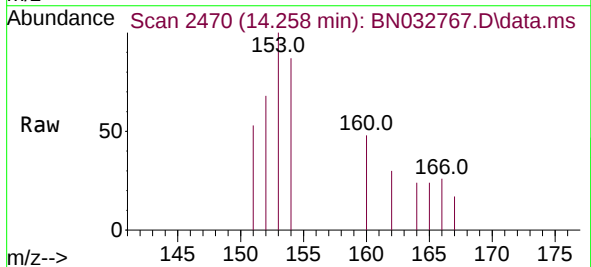
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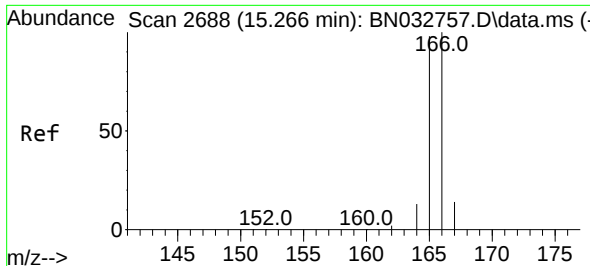
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

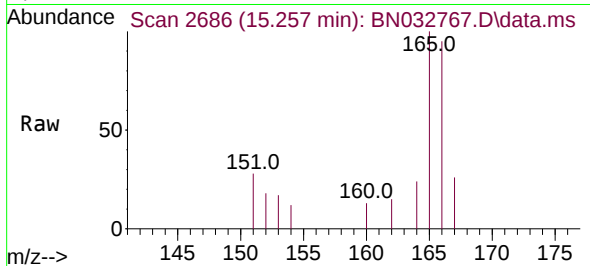
Tgt Ion:153 Resp: 796
Ion Ratio Lower Upper
153 100
152 68.3 40.0 60.0#
154 87.0 70.2 105.4





#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.009 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

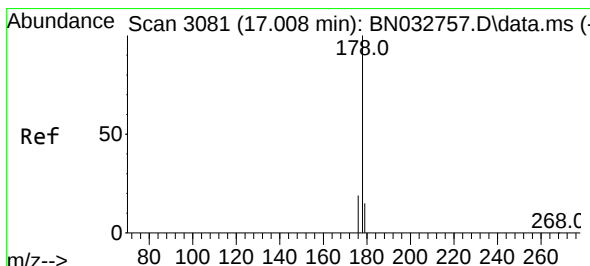
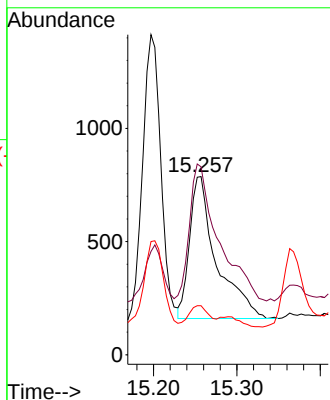
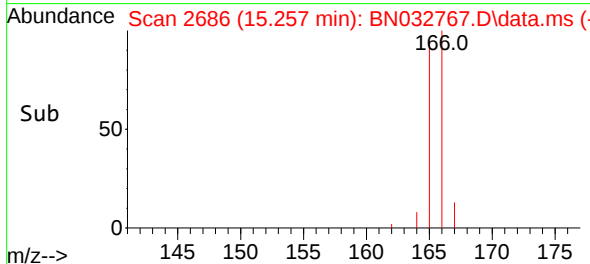
Instrument :
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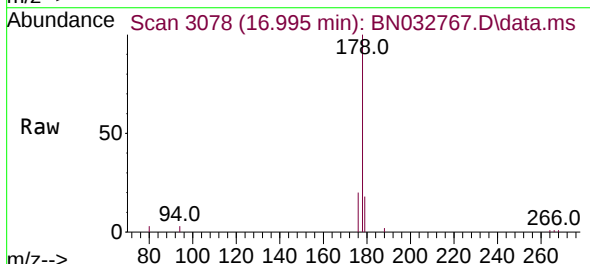
Tgt Ion:166 Resp: 1410
Ion Ratio Lower Upper
166 100
165 105.5 79.7 119.5
167 27.6 11.4 17.2

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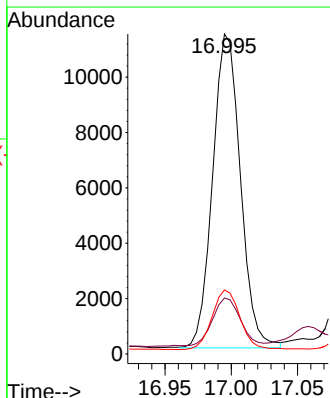
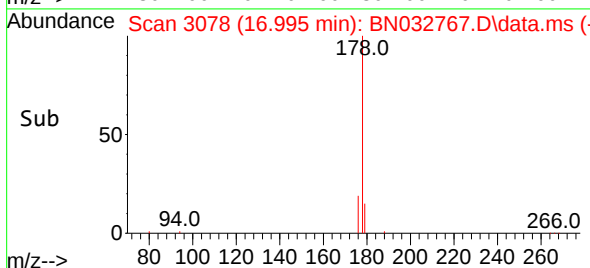
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

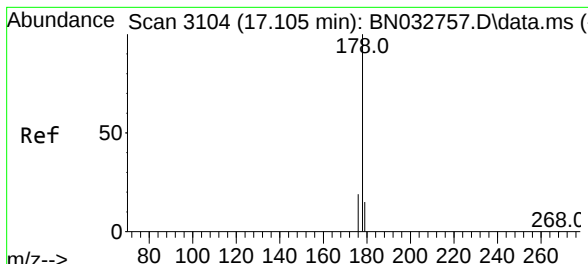


#15
Phenanthrene
Concen: 0.306 ng/ul m
RT: 16.995 min Scan# 3078
Delta R.T. -0.013 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34



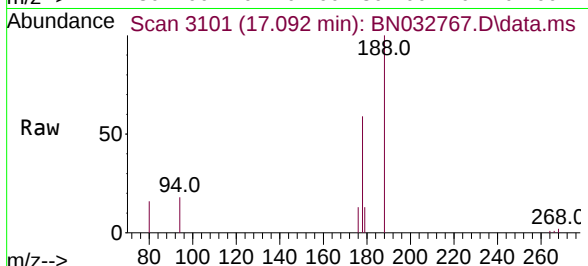
Tgt Ion:178 Resp: 16545
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 20.0 15.6 23.4





#16
 Anthracene
 Concen: 0.132 ng/ul m
 RT: 17.092 min Scan# 3101
 Delta R.T. -0.013 min
 Lab File: BN032767.D
 Acq: 17 Jul 2024 07:34

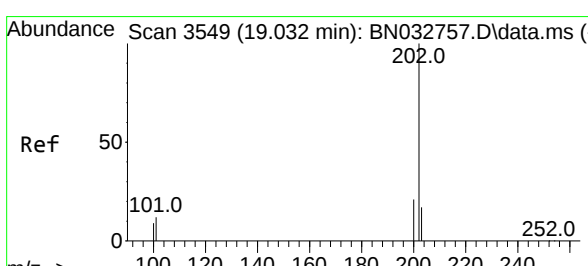
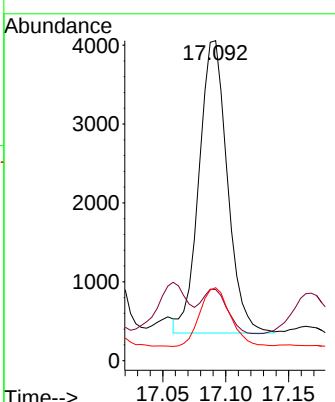
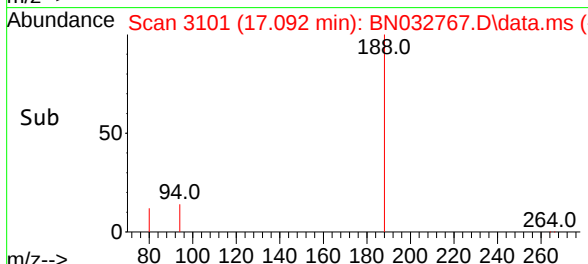
Instrument :
 BNA_N
 ClientSampleId :
 A4D38



Tgt Ion:	178	Resp:	581
Ion Ratio	Lower	Upper	
178	100		
179	22.3	13.4	20.2
176	22.8	15.4	23.0

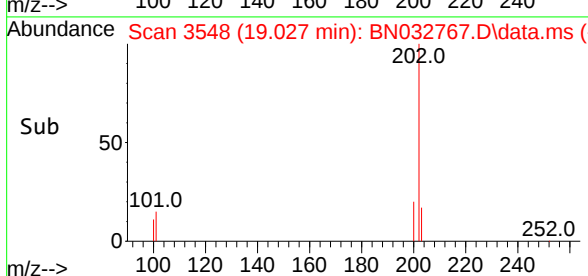
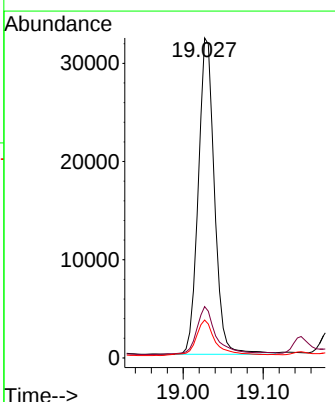
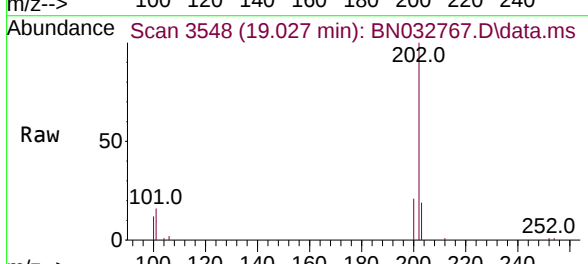
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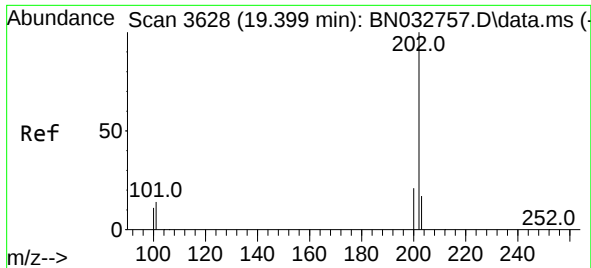
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 0.649 ng/ul
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.005 min
 Lab File: BN032767.D
 Acq: 17 Jul 2024 07:34

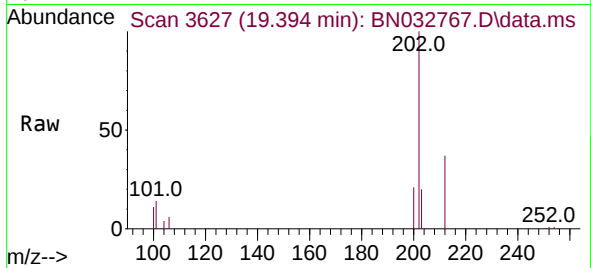
Tgt Ion:	202	Resp:	45340
Ion Ratio	Lower	Upper	
202	100		
101	16.0	9.8	14.8
100	11.9	7.9	11.9





#20
Pyrene
Concen: 0.537 ng/ul m
RT: 19.394 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

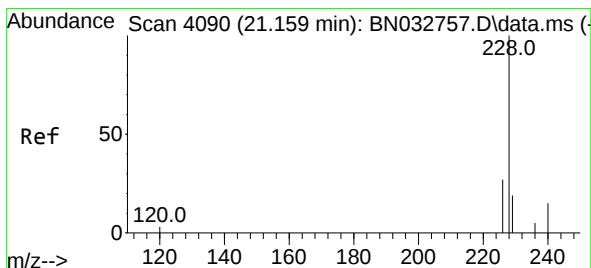
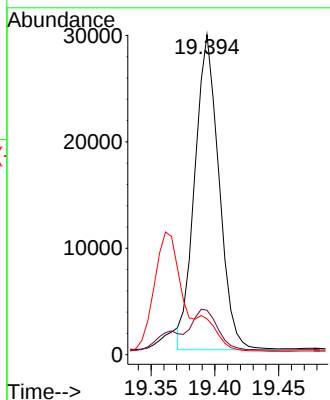
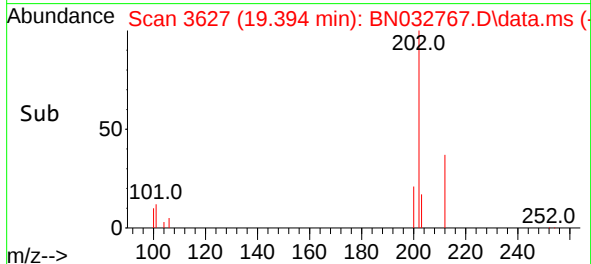
Instrument :
BNA_N
ClientSampleId :
A4D38



Tgt Ion:202 Resp: 3886
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.2 9.6 14.4

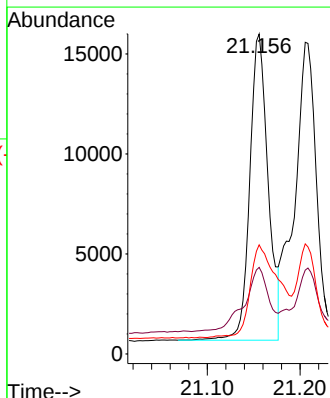
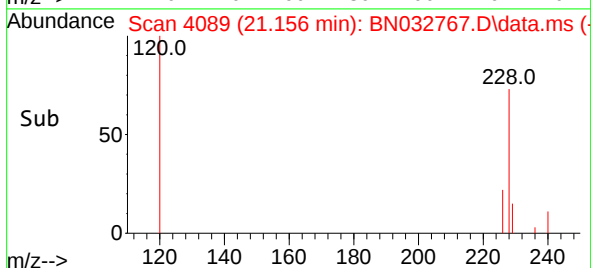
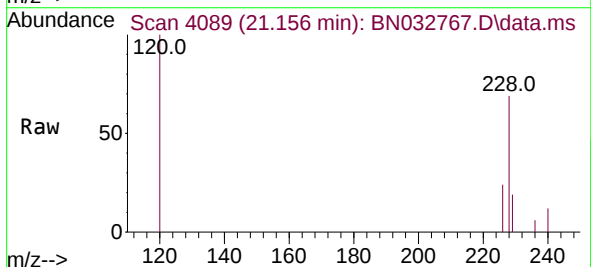
Manual Integrations
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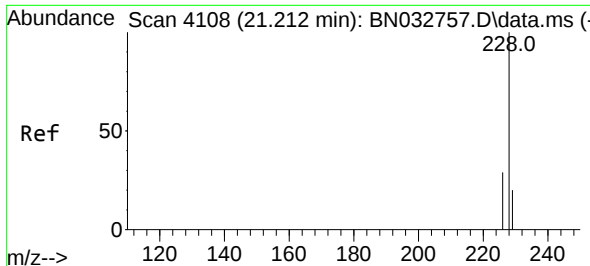
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.003 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

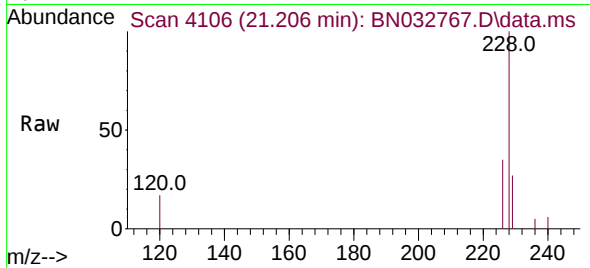
Tgt Ion:228 Resp: 21045
Ion Ratio Lower Upper
228 100
229 27.1 16.1 24.1#
226 34.1 21.9 32.9#





#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

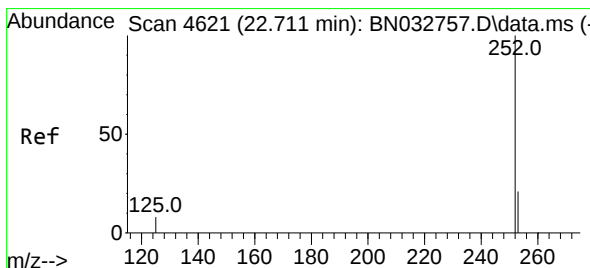
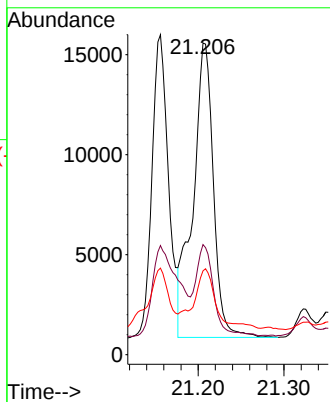
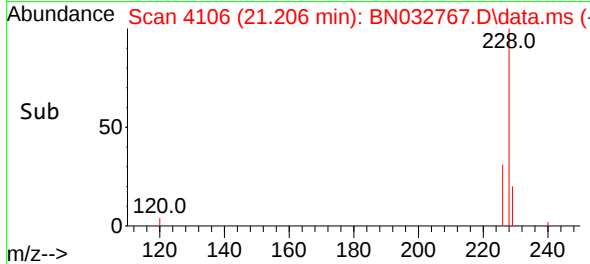
Instrument :
BNA_N
ClientSampleId :
A4D38



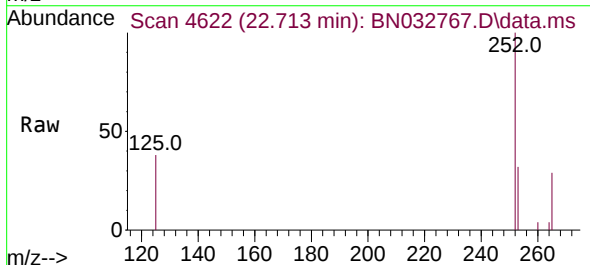
Tgt Ion:228 Resp: 2434
Ion Ratio Lower Upper
228 100
226 35.3 24.0 36.0
229 26.9 15.8 23.6

Manual Integrations
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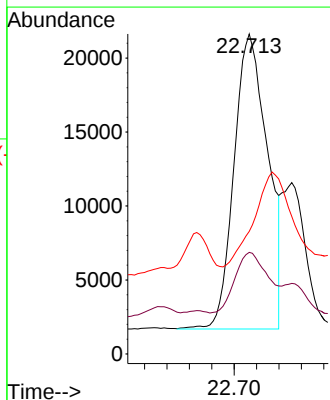
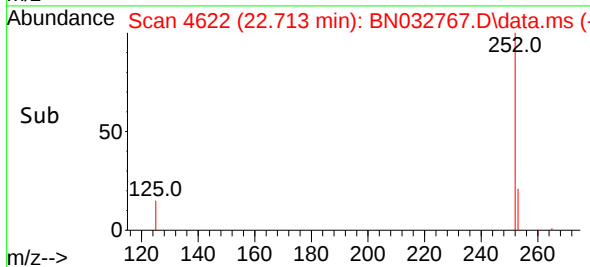
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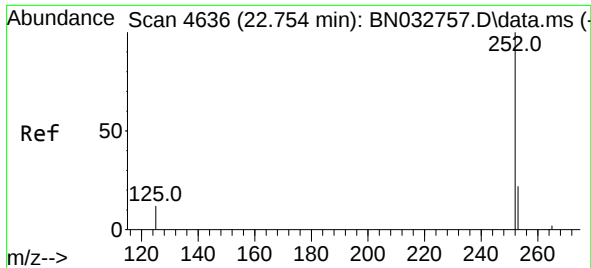


#24
Benzo(b)fluoranthene
Concen: 0.577 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34



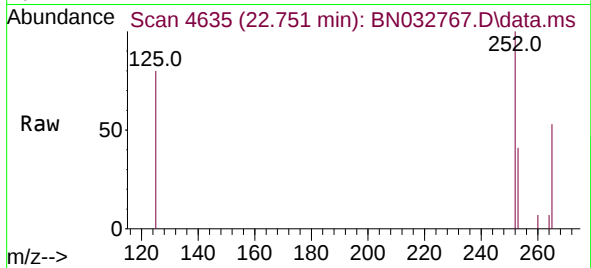
Tgt Ion:252 Resp: 41550
Ion Ratio Lower Upper
252 100
253 31.8 0.0 54.0
125 38.3 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

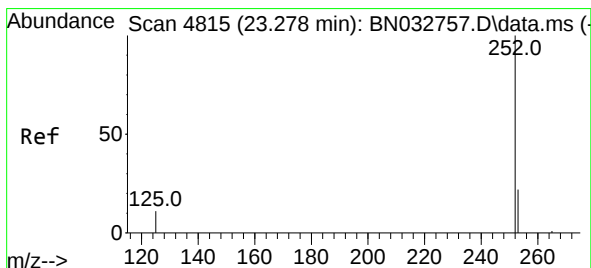
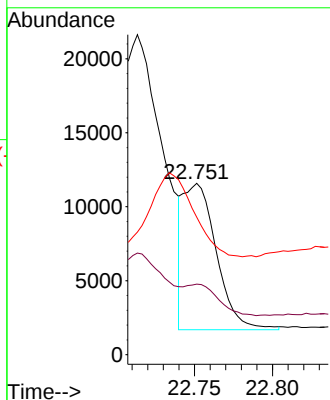
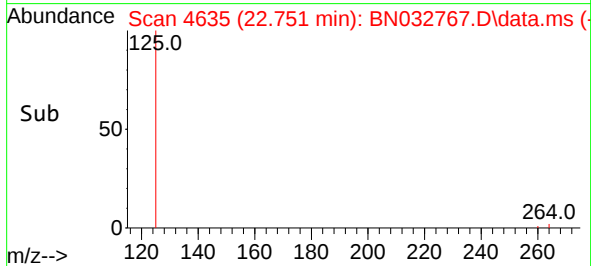
Instrument :
BNA_N
ClientSampleId :
A4D38



Tgt Ion:252 Resp: 14645
Ion Ratio Lower Upper
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253 41.2 21.2 31.8
125 80.3 14.8 22.2

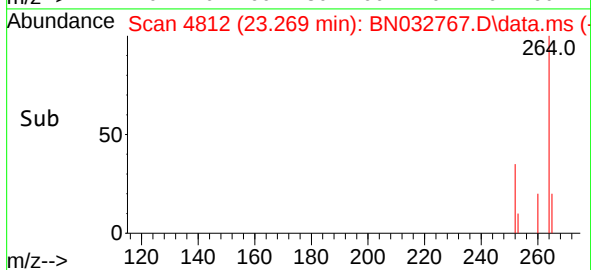
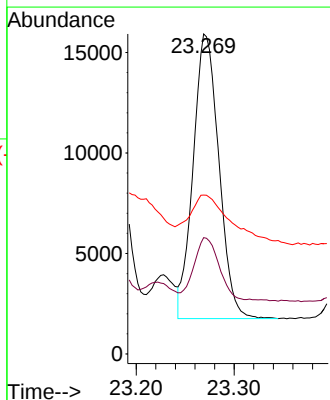
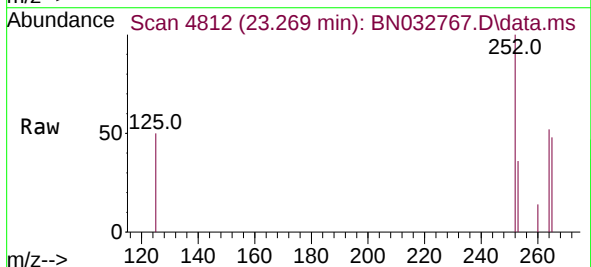
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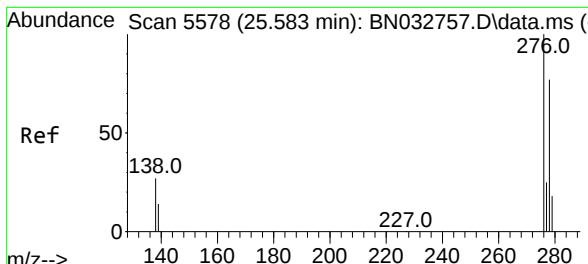
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.009 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

Tgt Ion:252 Resp: 25833
Ion Ratio Lower Upper
252 100
253 36.4 25.4 38.0
125 49.6 20.6 30.8





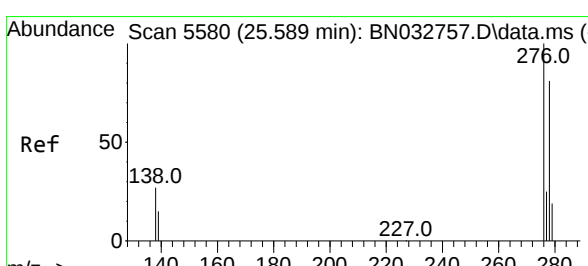
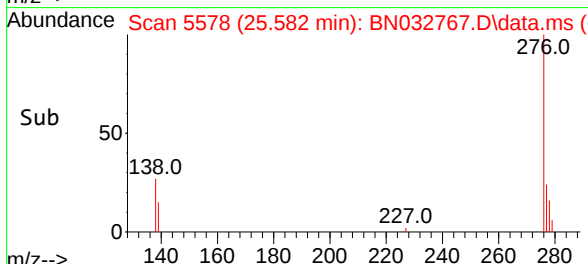
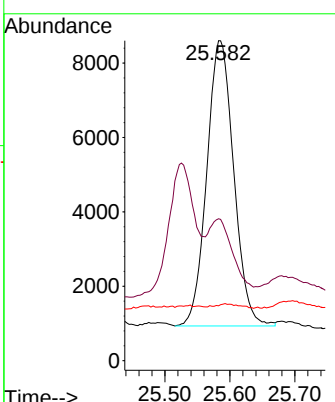
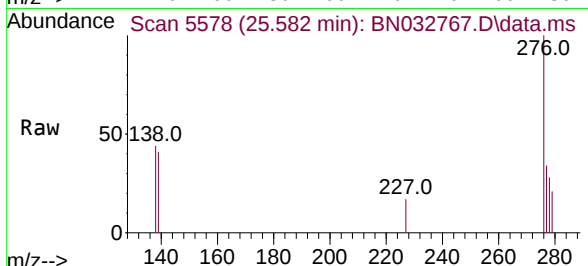
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.262 ng/ul
 RT: 25.582 min Scan# 5578
 Delta R.T. -0.000 min
 Lab File: BN032767.D
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Instrument : BNA_N
 ClientSampleId : A4D38

Tgt Ion: 276 Resp: 22088

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.6	32.4
227	2.0	0.0	0.0

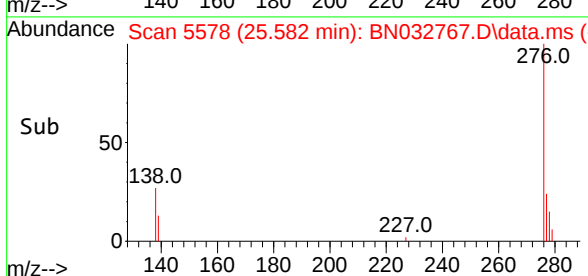
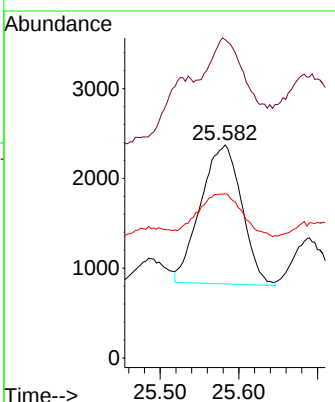
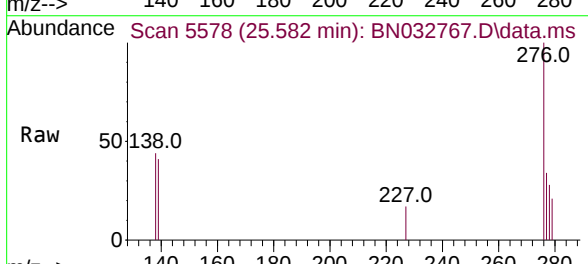
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

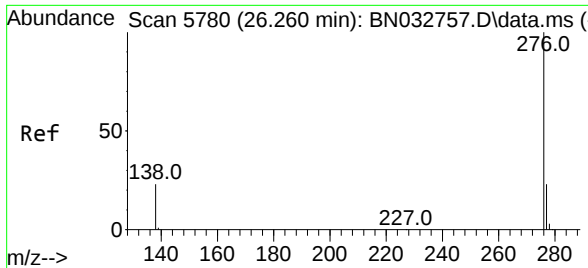


#28
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng/ul
 RT: 25.582 min Scan# 5578
 Delta R.T. -0.007 min
 Lab File: BN032767.D
 Acq: 17 Jul 2024 07:34

Tgt Ion: 278 Resp: 5616

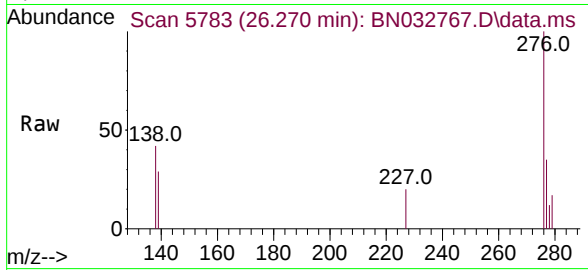
Ion	Ratio	Lower	Upper
278	100		
139	149.5	16.6	24.8
279	77.2	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.270 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN032767.D
Acq: 17 Jul 2024 07:34

Instrument :
BNA_N
ClientSampleId :
A4D38



Tgt Ion:276 Resp: 2288
Ion Ratio Lower Upper
276 100
138 42.0 21.0 31.4
277 34.7 20.6 31.0

Manual Integrations
APPROVED

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