

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:32:52 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	7.540	152	6336	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.309	136	17504	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	8951	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	16319m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	14516m	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	20632m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	6706	0.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	1714	0.065	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	3169m	0.067	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.364	128	10141	0.216	ng/ul	99
7) 2-Methylnaphthalene	11.986	142	4100	0.140	ng/ul	96
8) 1-Methylnaphthalene	12.212	142	3164	0.104	ng/ul	98
10) Acenaphthylene	13.914	152	34162	0.945	ng/ul	100
11) Acenaphthene	14.256	153	11000	0.368	ng/ul	98
12) Fluorene	15.251	166	13366	0.391	ng/ul	98
14) Pentachlorophenol	16.626	266	245m	0.086	ng/ul	
15) Phenanthrene	16.994	178	332427m	7.480	ng/ul	
16) Anthracene	17.086	178	66943m	1.844	ng/ul	
19) Fluoranthene	19.025	202	946849m	16.043	ng/ul	
20) Pyrene	19.393	202	683986m	11.196	ng/ul	
21) Benzo(a)anthracene	21.155	228	428934m	9.283	ng/ul	
22) Chrysene	21.204	228	566120m	8.469	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	842317m	11.571	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	313099m	3.529	ng/ul	
26) Benzo(a)pyrene	23.273	252	282177m	4.479	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.588	276	316384m	3.709	ng/ul	
28) Dibenzo(a,h)anthracene	25.588	278	110576m	1.672	ng/ul	
29) Benzo(g,h,i)perylene	26.272	276	46507m	0.652	ng/ul	

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

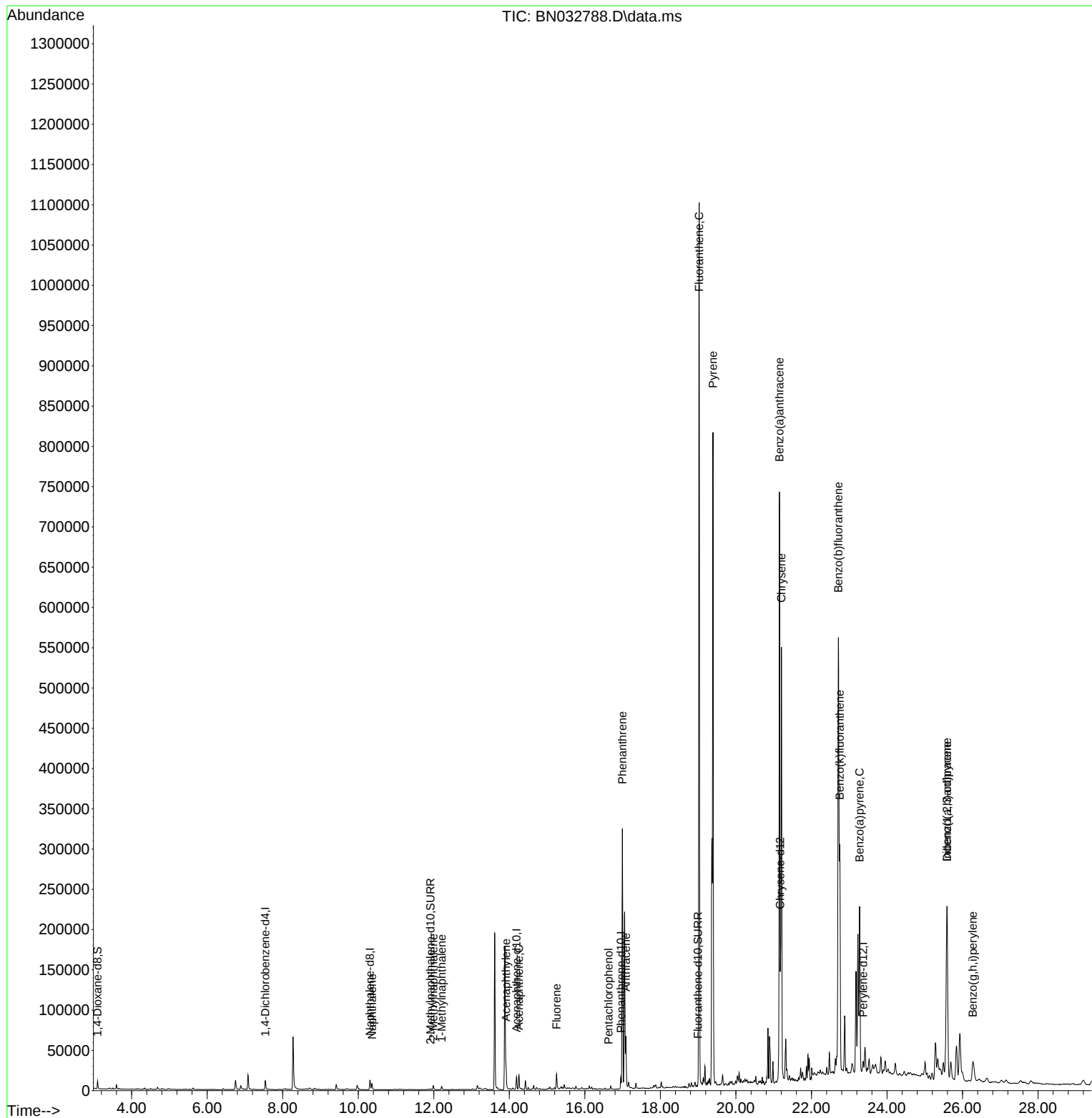
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
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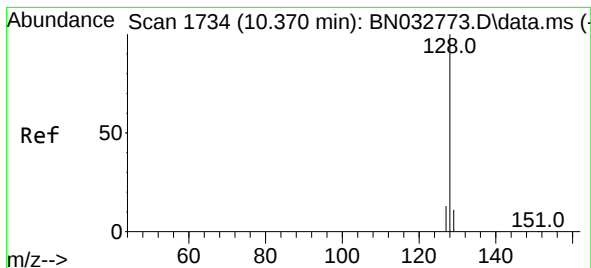
Instrument :
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A4D52DL

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Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 23:32:52 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





#5

Naphthalene

Concen: 0.216 ng/ul

RT: 10.364 min Scan# 11

Delta R.T. -0.007 min

Lab File: BN032788.D

Acq: 17 Jul 2024 20:15

Instrument :

BNA_N

ClientSampleId :

A4D52DL

Tgt Ion:128 Resp: 1014

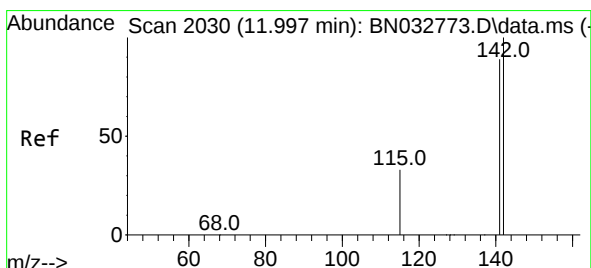
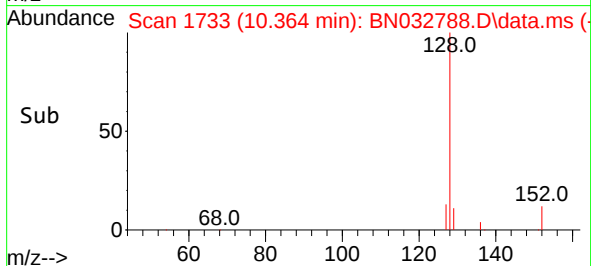
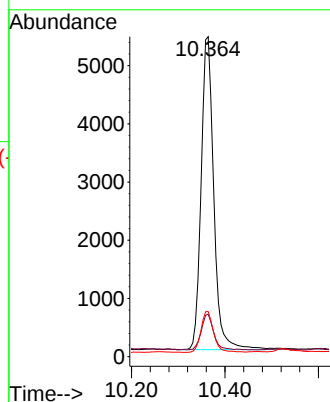
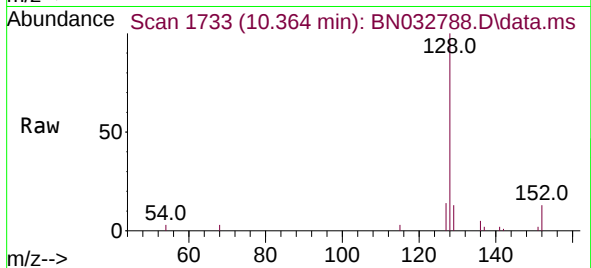
Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.0	15.0
127	14.1	11.6	17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#7

2-Methylnaphthalene

Concen: 0.140 ng/ul

RT: 11.986 min Scan# 2028

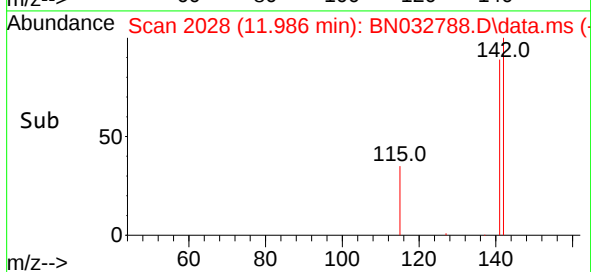
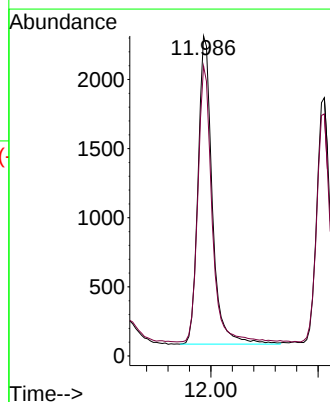
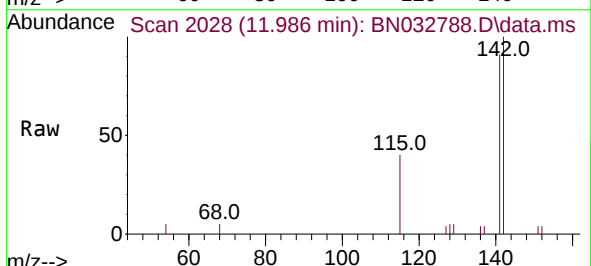
Delta R.T. -0.018 min

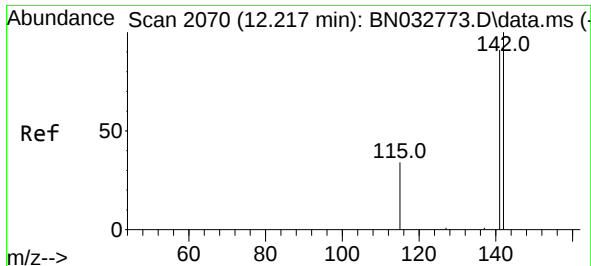
Lab File: BN032788.D

Acq: 17 Jul 2024 20:15

Tgt Ion:142 Resp: 4100

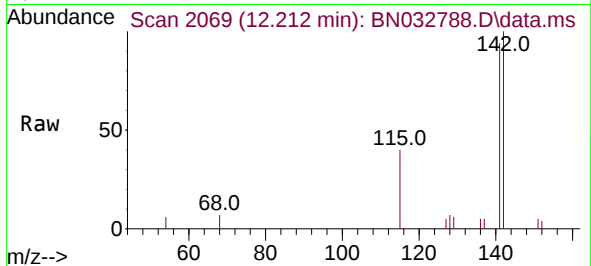
Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.212 min Scan# 2070
Delta R.T. -0.007 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

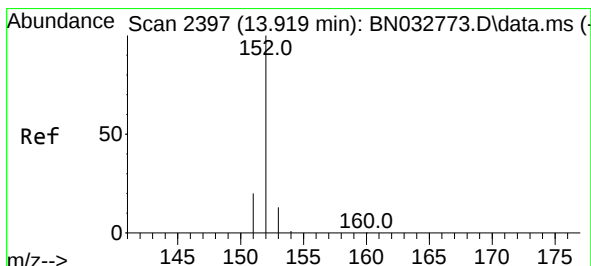
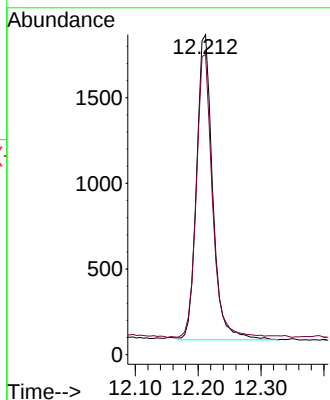
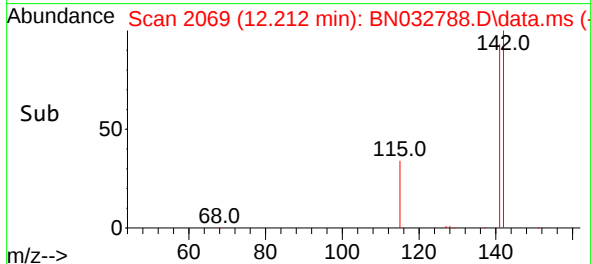
Instrument :
BNA_N
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A4D52DL



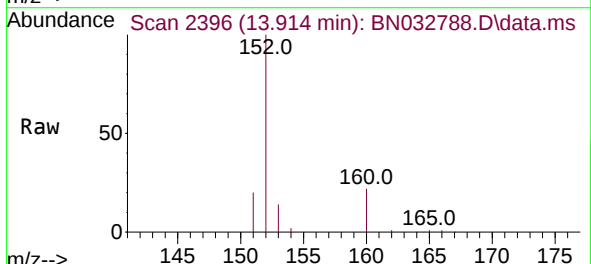
Tgt Ion:142 Resp: 3164
Ion Ratio Lower Upper
142 100
141 91.8 75.0 112.4

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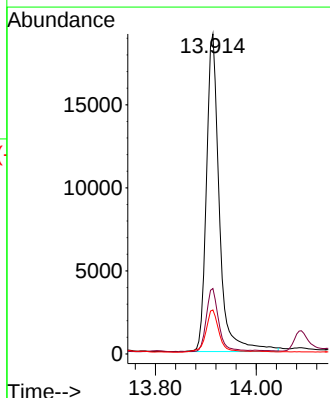
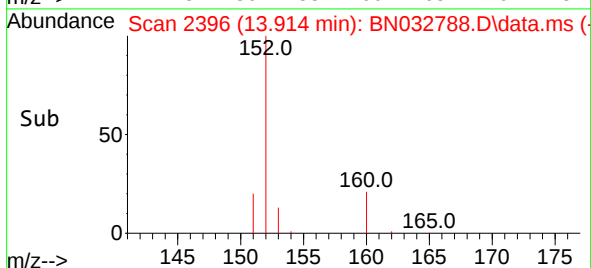
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

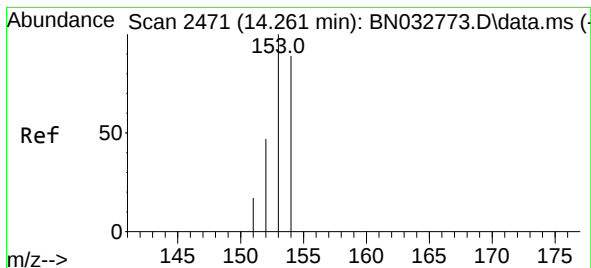


#10
Acenaphthylene
Concen: 0.945 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15



Tgt Ion:152 Resp: 34162
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.8 11.3 16.9





#11

Acenaphthene

Concen: 0.368 ng/ul

RT: 14.256 min Scan# 2471

Delta R.T. -0.001 min

Lab File: BN032788.D

Acq: 17 Jul 2024 20:15

Instrument :

BNA_N

ClientSampleId :

A4D52DL

Tgt Ion:153 Resp: 11000

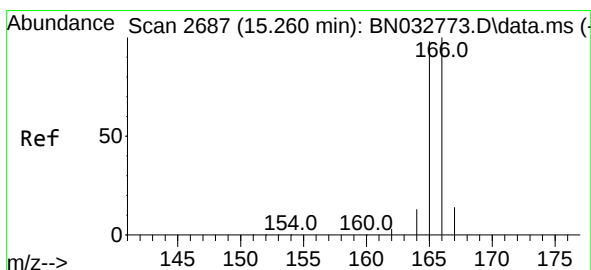
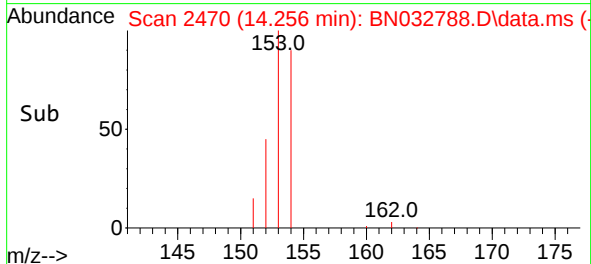
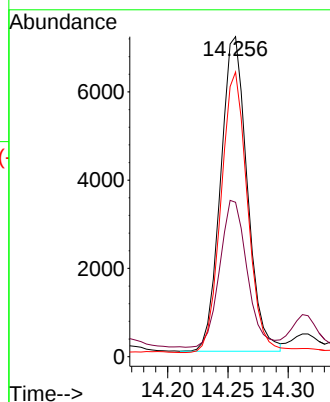
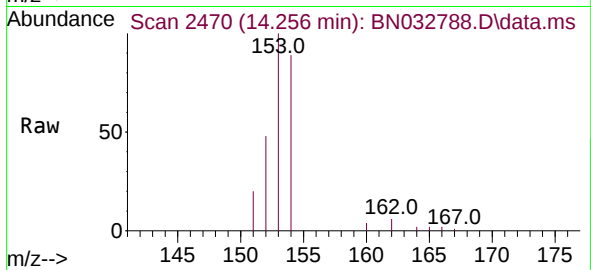
Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.0	60.0
154	89.0	70.2	105.4

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Supervised By :mohammad ahmed 07/19/2024



#12

Fluorene

Concen: 0.391 ng/ul

RT: 15.251 min Scan# 2685

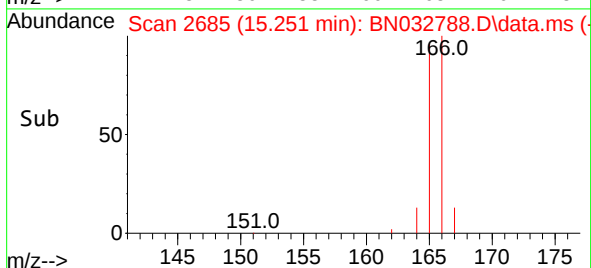
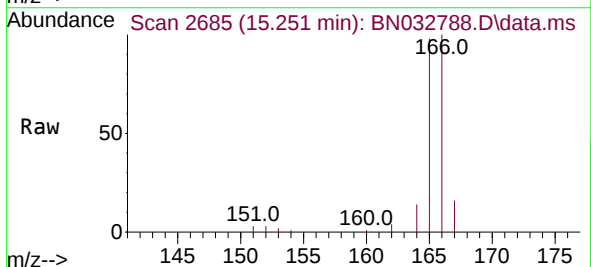
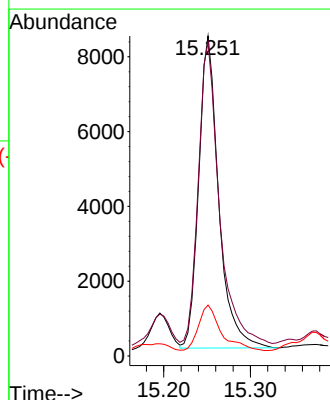
Delta R.T. -0.015 min

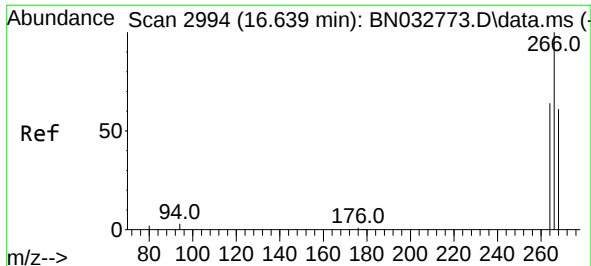
Lab File: BN032788.D

Acq: 17 Jul 2024 20:15

Tgt Ion:166 Resp: 13366

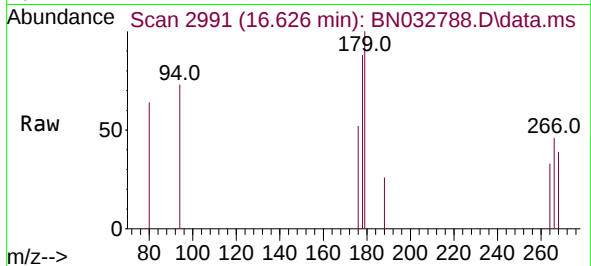
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.7	119.5
167	15.9	11.4	17.2





#14
Pentachlorophenol
Concen: 0.086 ng/ul m
RT: 16.626 min Scan# 2991
Delta R.T. -0.023 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

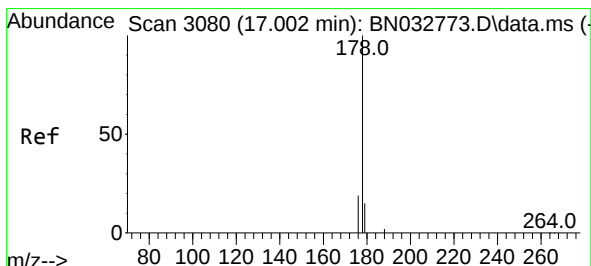
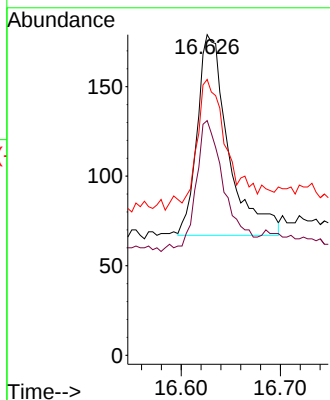
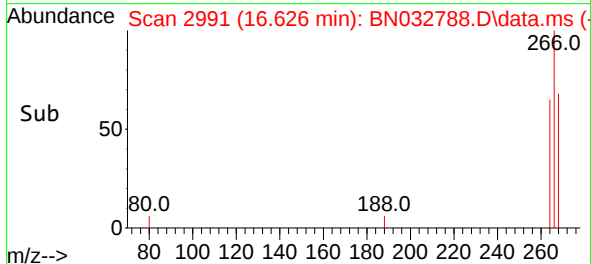
Instrument :
BNA_N
ClientSampleId :
A4D52DL



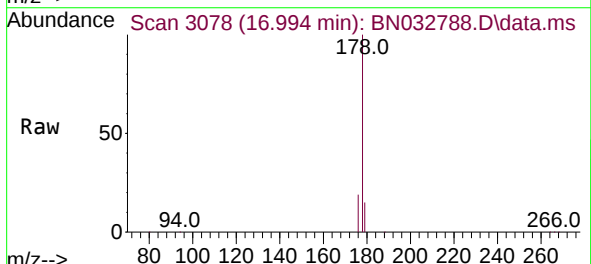
Tgt Ion:266 Resp: 249
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 3.3 51.6 77.4

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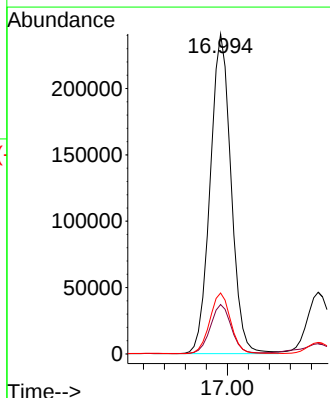
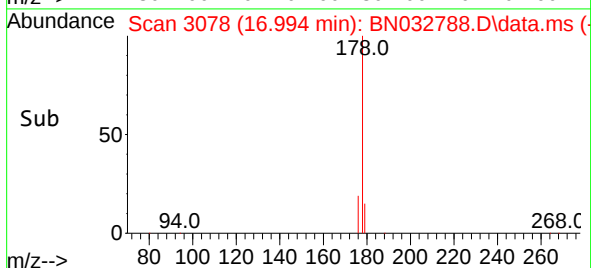
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

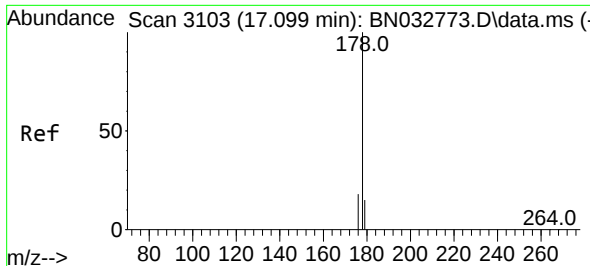


#15
Phenanthrene
Concen: 7.480 ng/ul m
RT: 16.994 min Scan# 3078
Delta R.T. -0.014 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15



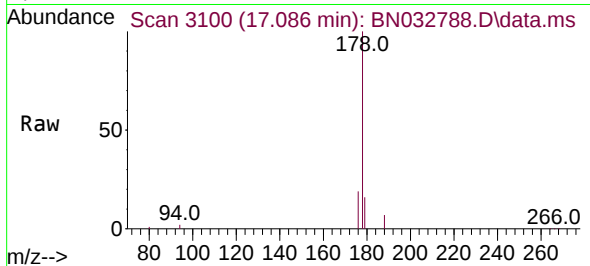
Tgt Ion:178 Resp: 332427
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 1.844 ng/ul m
 RT: 17.086 min Scan# 3103
 Delta R.T. -0.018 min
 Lab File: BN032788.D
 Acq: 17 Jul 2024 20:15

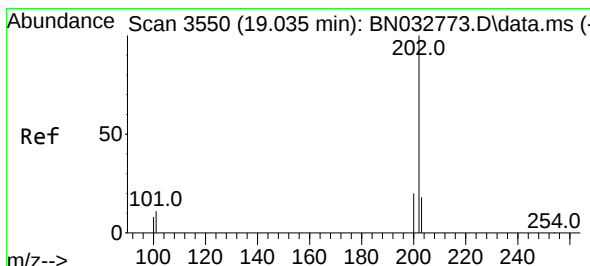
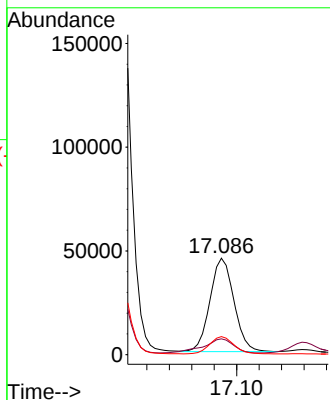
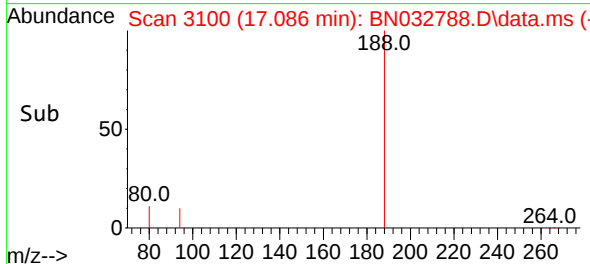
Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL



Tgt Ion:178 Resp: 6694
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.4 20.2
 176 18.7 15.4 23.0

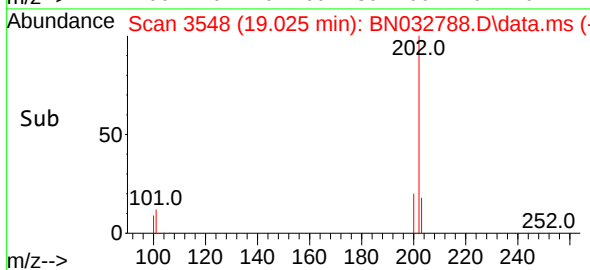
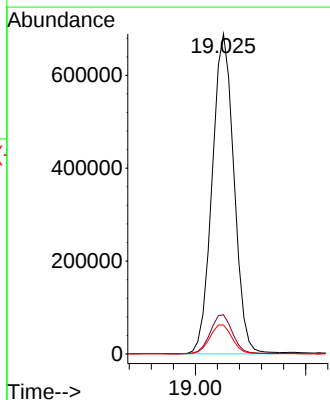
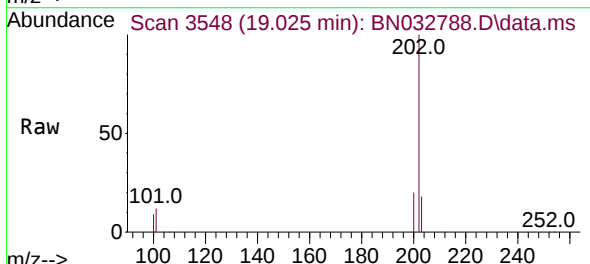
Manual Integrations
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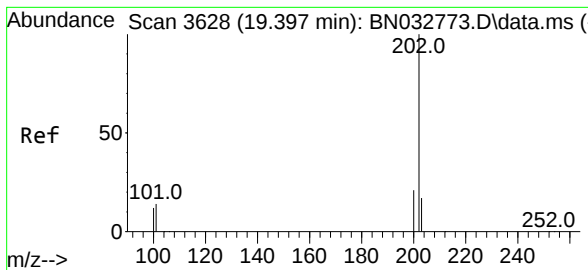
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 16.043 ng/ul m
 RT: 19.025 min Scan# 3548
 Delta R.T. -0.006 min
 Lab File: BN032788.D
 Acq: 17 Jul 2024 20:15

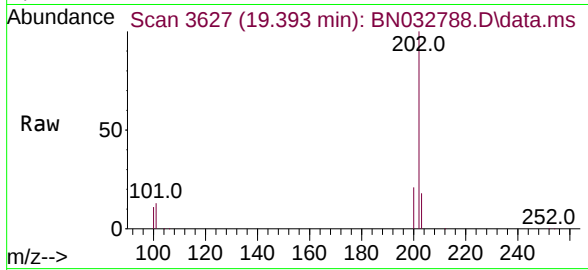
Tgt Ion:202 Resp: 946849
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.8
 100 9.1 7.9 11.9





#20
Pyrene
Concen: 11.196 ng/ul m
RT: 19.393 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

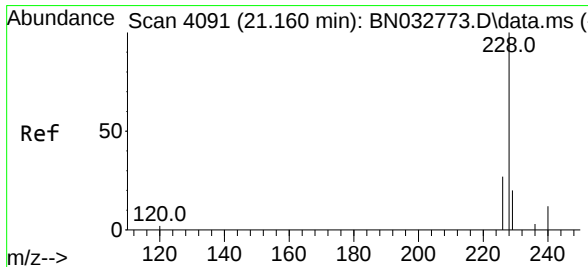
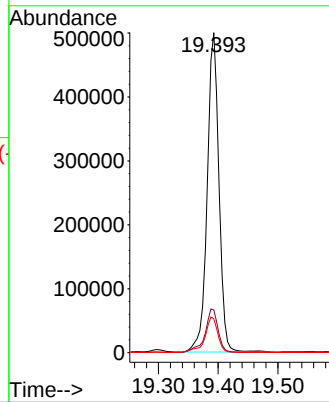
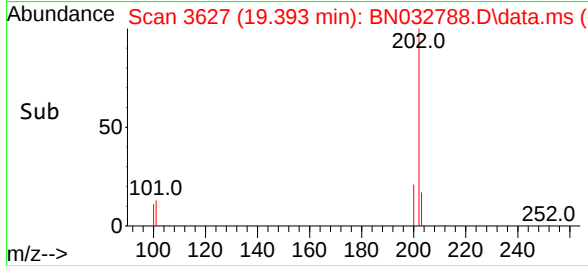
Instrument :
BNA_N
ClientSampleId :
A4D52DL



Tgt Ion:202 Resp: 683980
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.6 9.6 14.4

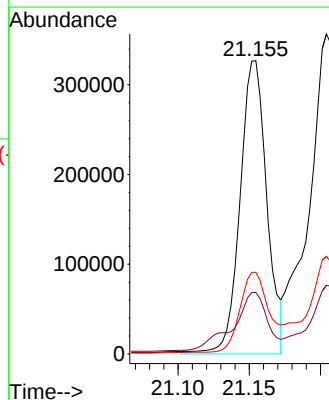
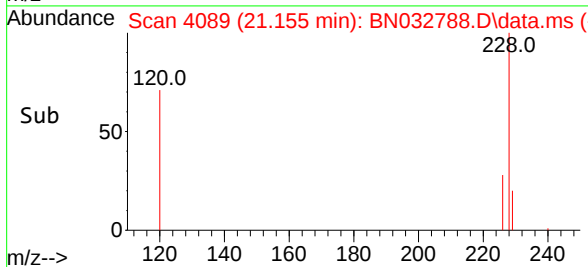
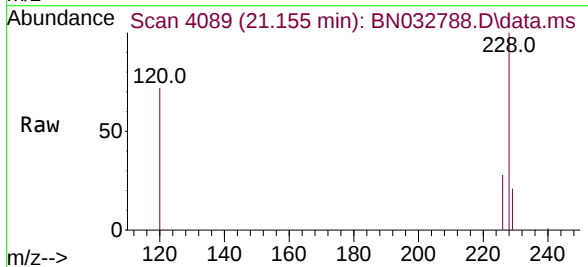
Manual Integrations
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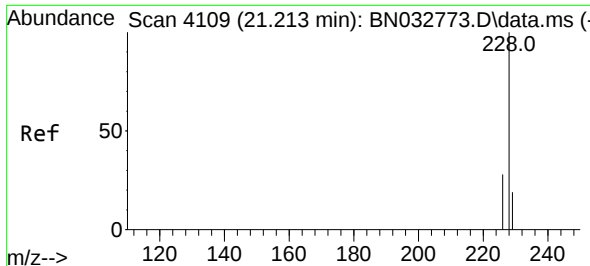
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 9.283 ng/ul m
RT: 21.155 min Scan# 4089
Delta R.T. -0.004 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

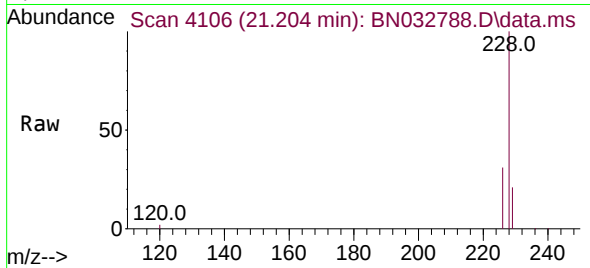
Tgt Ion:228 Resp: 428934
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.8 21.9 32.9





#22
Chrysene
Concen: 8.469 ng/ul m
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

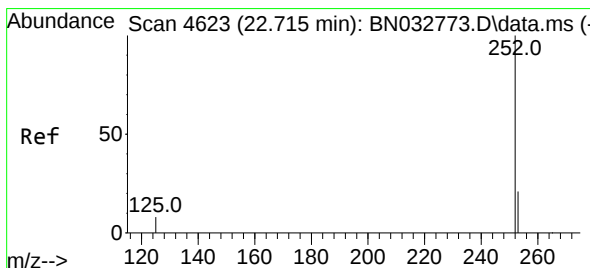
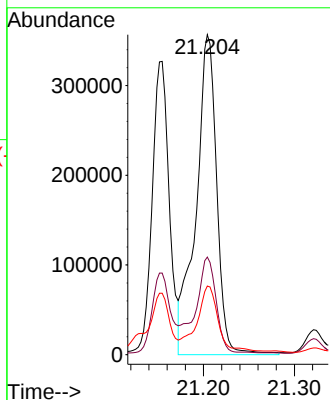
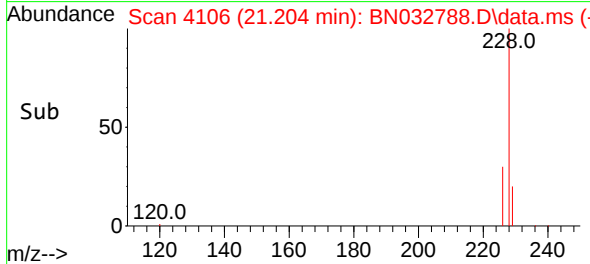
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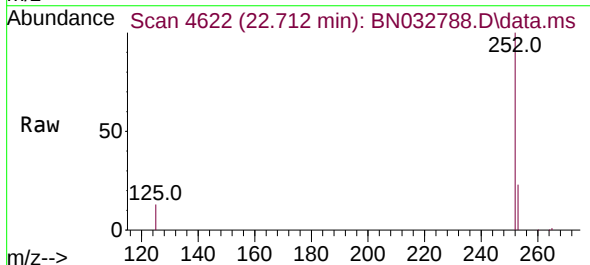
Tgt Ion:228 Resp: 566120
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.5 15.8 23.6

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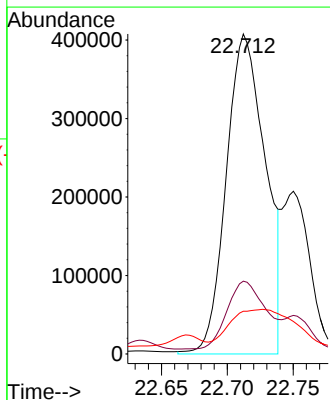
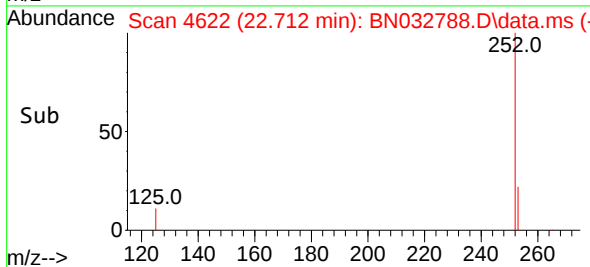
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

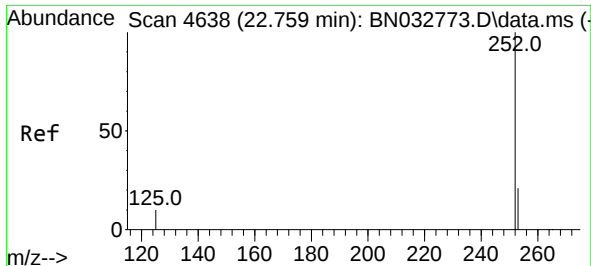


#24
Benzo(b)fluoranthene
Concen: 11.571 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. 0.001 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15



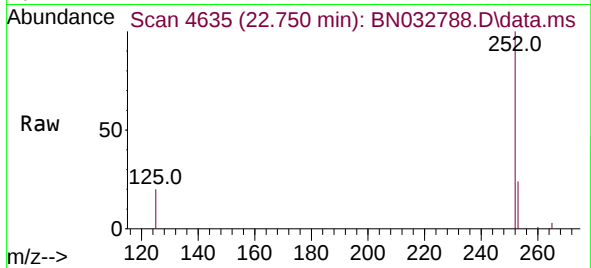
Tgt Ion:252 Resp: 842317
Ion Ratio Lower Upper
252 100
253 22.7 0.0 54.0
125 13.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 3.529 ng/ul m
RT: 22.750 min Scan# 4638
Delta R.T. -0.004 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

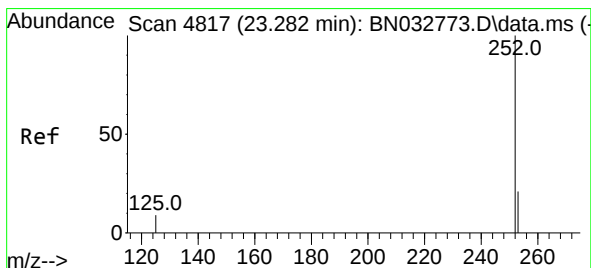
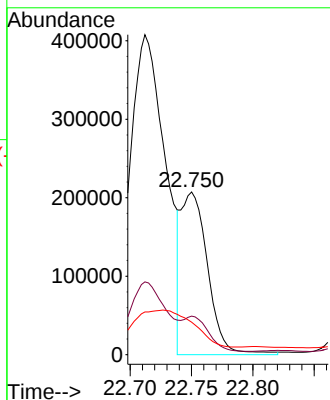
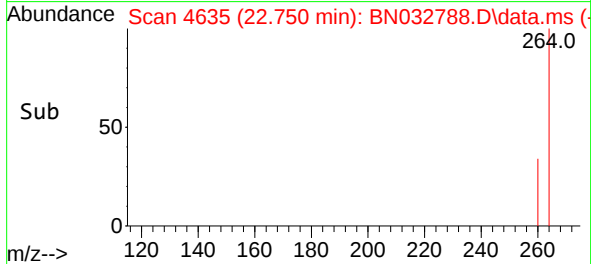
Instrument :
BNA_N
ClientSampleId :
A4D52DL



Tgt Ion:252 Resp: 313099
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 20.0 14.8 22.2

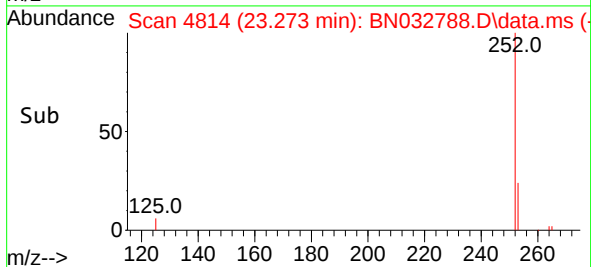
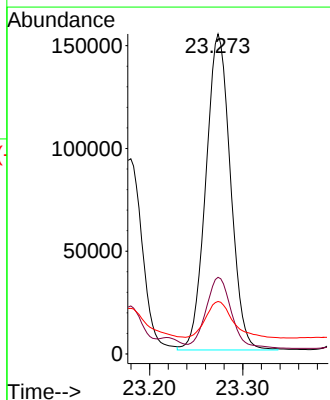
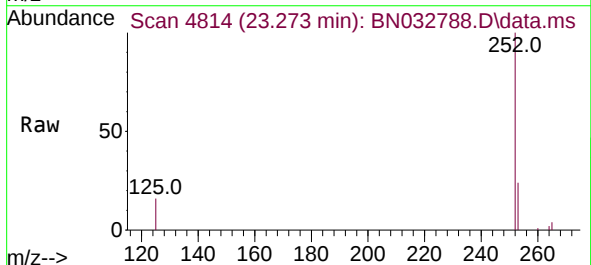
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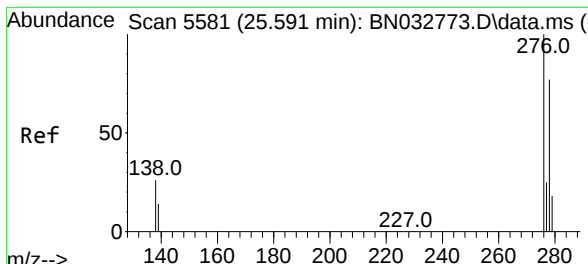
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 4.479 ng/ul m
RT: 23.273 min Scan# 4814
Delta R.T. -0.004 min
Lab File: BN032788.D
Acq: 17 Jul 2024 20:15

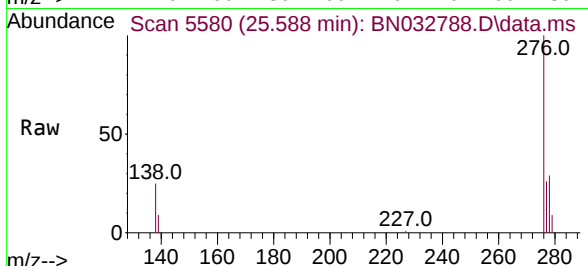
Tgt Ion:252 Resp: 282177
Ion Ratio Lower Upper
252 100
253 24.0 25.4 38.0#
125 16.4 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.709 ng/ul m
 RT: 25.588 min Scan# 5580
 Delta R.T. 0.005 min
 Lab File: BN032788.D
 Acq: 17 Jul 2024 20:15

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

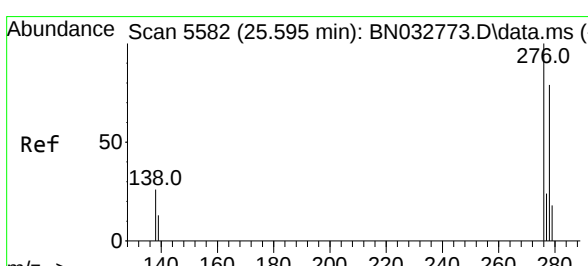
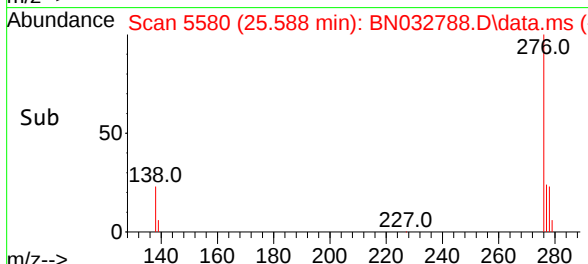
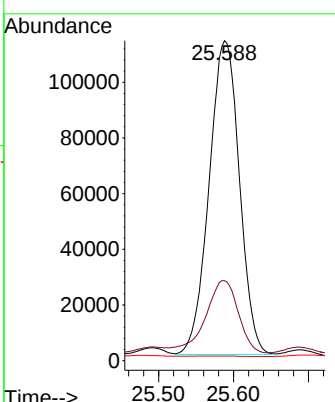


Tgt Ion: 276 Resp: 316384

Ion	Ratio	Lower	Upper
276	100		
138	3.2	21.6	32.4
227	0.0	0.0	0.0

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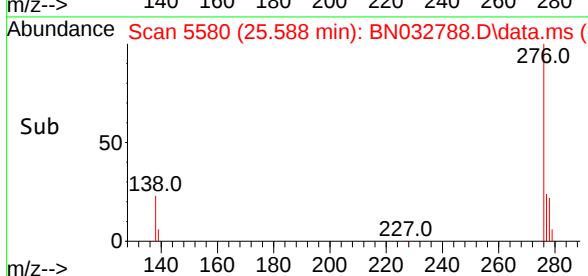
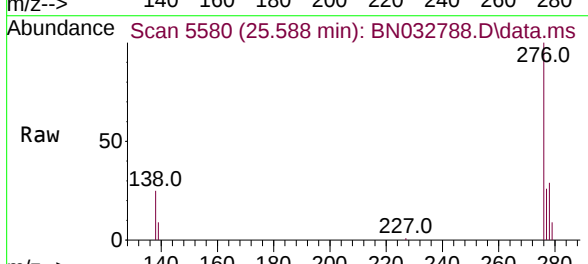
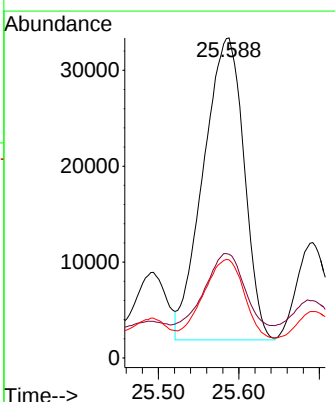
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

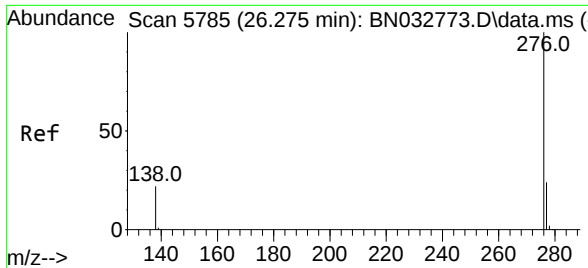


#28
 Dibenzo(a,h)anthracene
 Concen: 1.672 ng/ul m
 RT: 25.588 min Scan# 5580
 Delta R.T. -0.001 min
 Lab File: BN032788.D
 Acq: 17 Jul 2024 20:15

Tgt Ion: 278 Resp: 110576

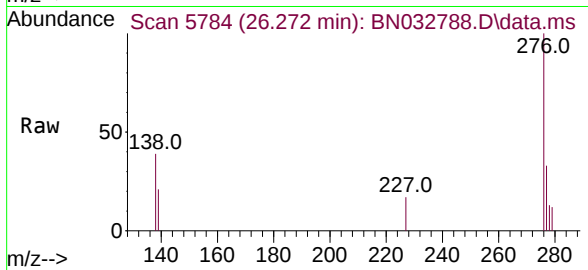
Ion	Ratio	Lower	Upper
278	100		
139	32.4	16.6	24.8
279	30.7	23.7	35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.652 ng/ul m
 RT: 26.272 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: BN032788.D
 Acq: 17 Jul 2024 20:15

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL



Tgt Ion: 276 Resp: 4650
 Ion Ratio Lower Upper
 276 100
 138 38.7 21.0 31.4
 277 33.3 20.6 31.0

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

