

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032844.D
 Acq On : 19 Jul 2024 17:00
 Operator : MA/JU
 Sample : P3178-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS8

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 18:36:25 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	7.527	152	3963	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	12659	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	6791	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	11893m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.162	240	9605m	0.400	ng/ul	-0.01
23) Perylene-d12	23.354	264	10726m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	15304	3.216	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152	4375	0.229	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6952	0.222	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.349	128	8215	0.242	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	3314	0.156	ng/ul	95
8) 1-Methylnaphthalene	12.202	142	2488	0.113	ng/ul	100
10) Acenaphthylene	13.902	152	6121	0.223	ng/ul#	93
11) Acenaphthene	14.244	153	9458	0.417	ng/ul	99
12) Fluorene	15.243	166	9495	0.366	ng/ul	98
15) Phenanthrene	16.982	178	177279m	5.473	ng/ul	
16) Anthracene	17.075	178	26006m	0.983	ng/ul	
19) Fluoranthene	19.017	202	253709	6.497	ng/ul	98
20) Pyrene	19.385	202	166611	4.122	ng/ul	96
21) Benzo(a)anthracene	21.144	228	121798	3.984	ng/ul	98
22) Chrysene	21.197	228	127826	2.890	ng/ul	97
24) Benzo(b)fluoranthene	22.699	252	169266m	4.473	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	62666m	1.359	ng/ul	
26) Benzo(a)pyrene	23.257	252	51235	1.564	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.559	276	50423	1.137	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.556	278	20903	0.608	ng/ul#	73
29) Benzo(g,h,i)perylene	26.247	276	7411	0.200	ng/ul#	49

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

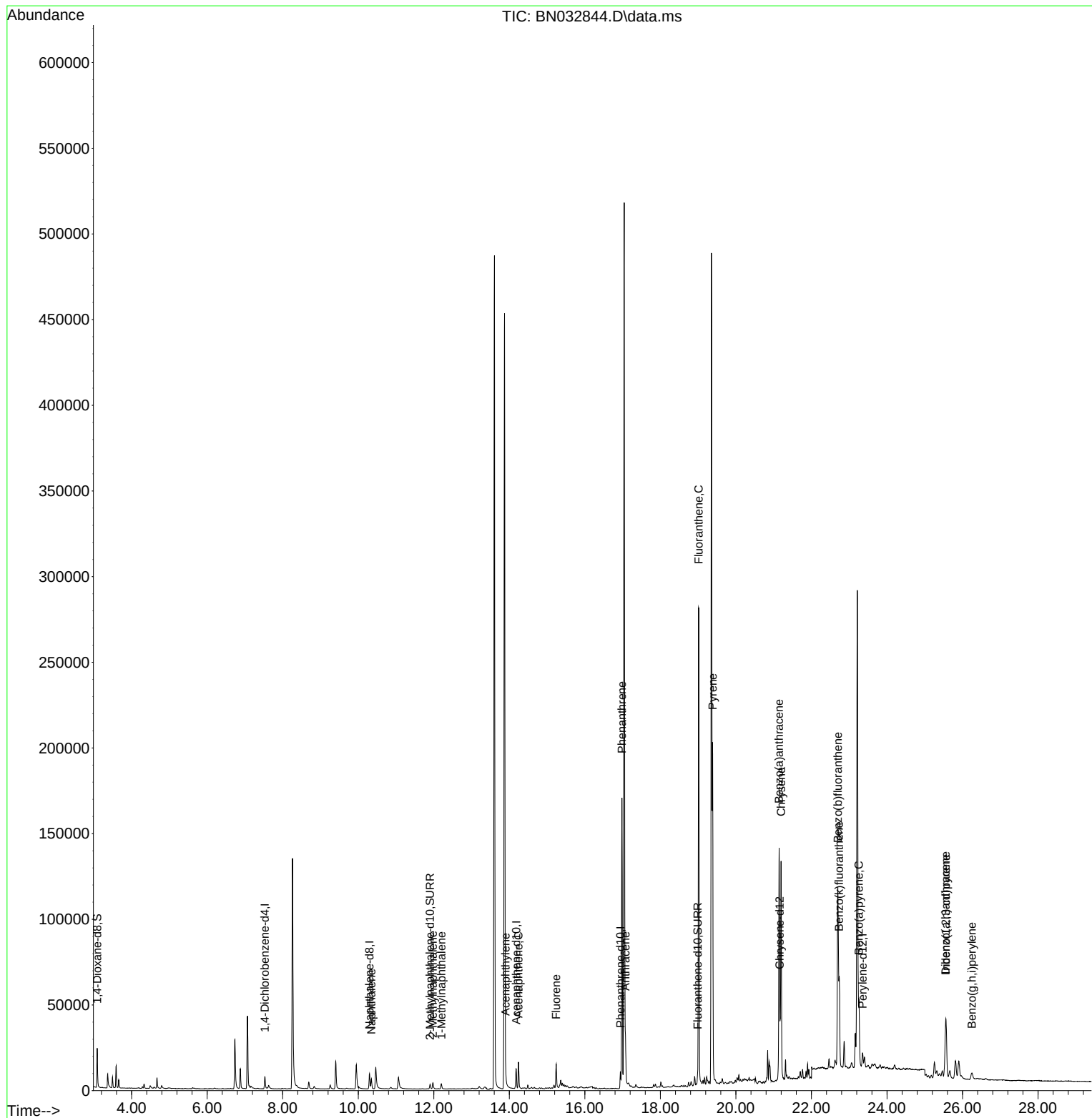
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
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ALS Vial : 7 Sample Multiplier: 1

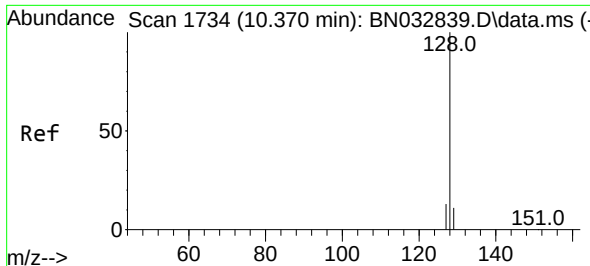
Instrument :
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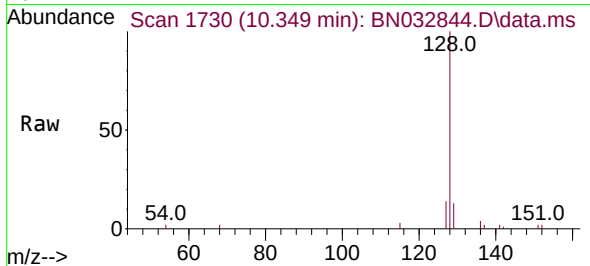
Quant Time: Jul 19 18:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.242 ng/ul
RT: 10.349 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

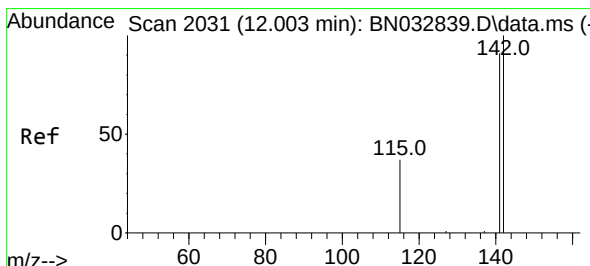
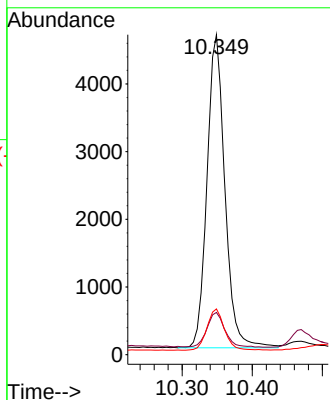
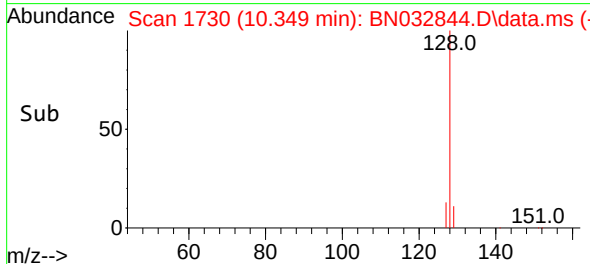
Instrument :
BNA_N
ClientSampleId :
A4BS8



Tgt Ion:128 Resp: 821
Ion Ratio Lower Upper
128 100
129 13.2 10.0 15.0
127 14.3 11.6 17.4

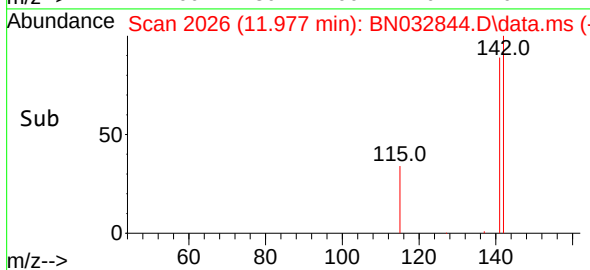
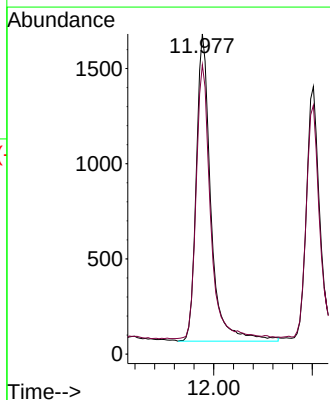
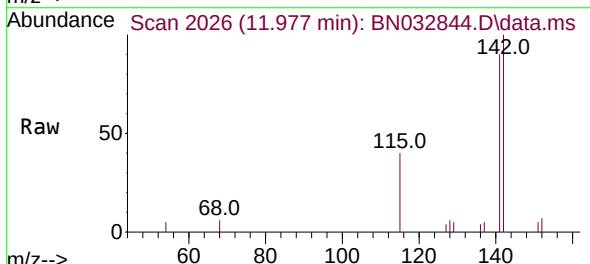
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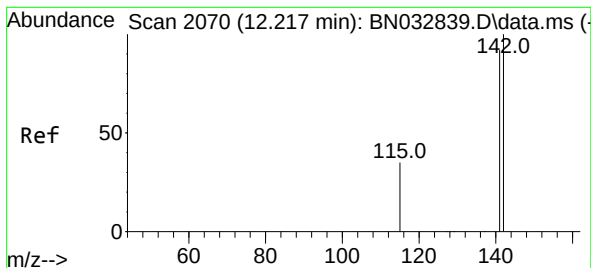
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.028 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

Tgt Ion:142 Resp: 3314
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.113 ng/ul

RT: 12.202 min Scan# 2067

Delta R.T. -0.017 min

Lab File: BN032844.D

Acq: 19 Jul 2024 17:00

Instrument :

BNA_N

ClientSampleId :

A4BS8

Tgt Ion:142 Resp: 248

Ion Ratio Lower Upper

142 100

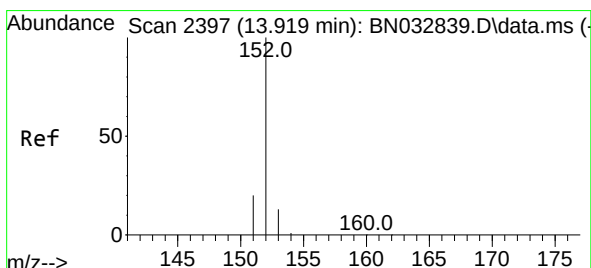
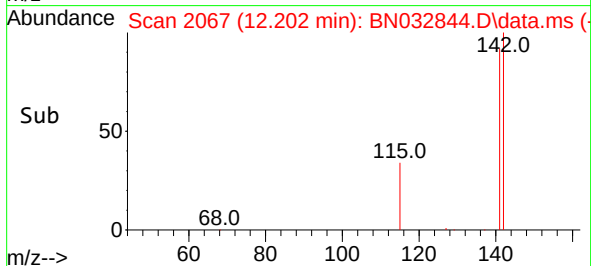
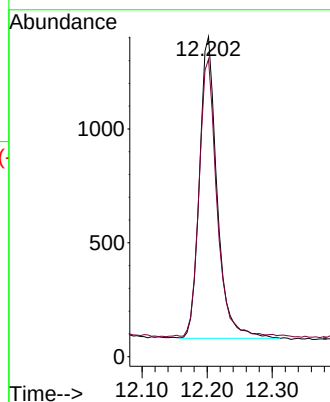
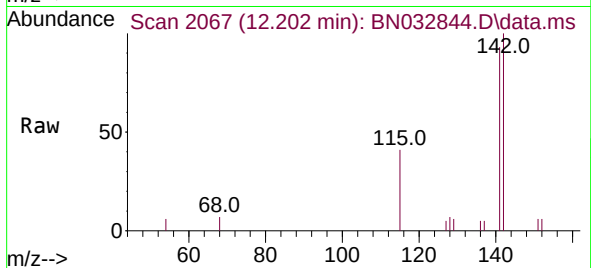
141 93.2 75.0 112.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.223 ng/ul

RT: 13.902 min Scan# 2393

Delta R.T. -0.019 min

Lab File: BN032844.D

Acq: 19 Jul 2024 17:00

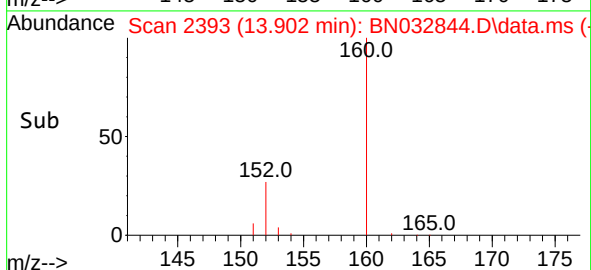
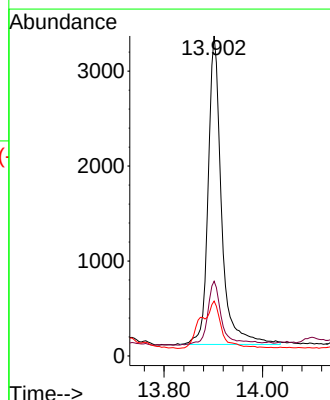
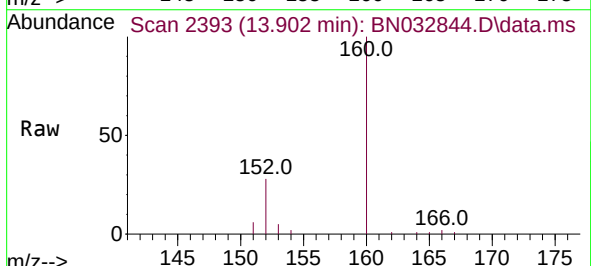
Tgt Ion:152 Resp: 6121

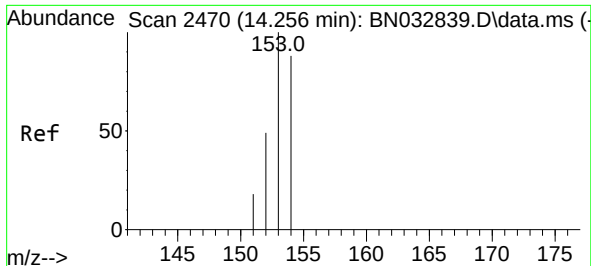
Ion Ratio Lower Upper

152 100

151 23.3 16.3 24.5

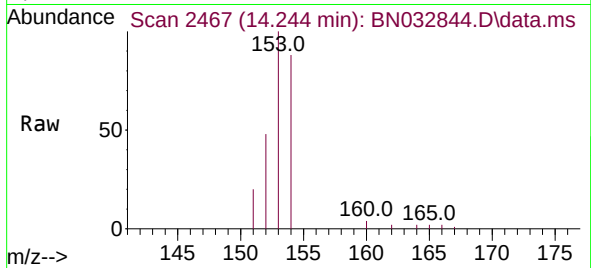
153 17.2 11.3 16.9#





#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

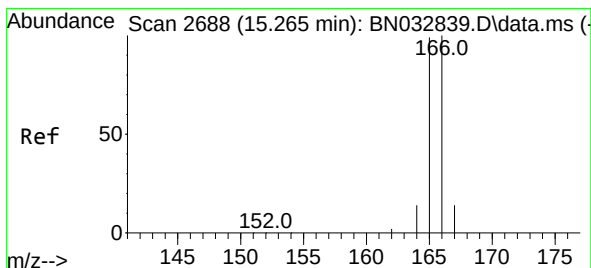
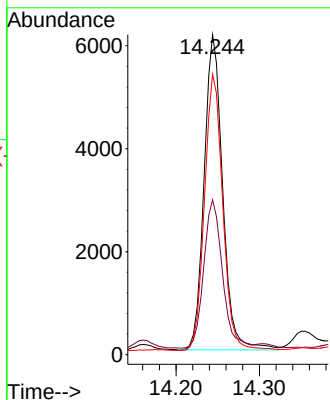
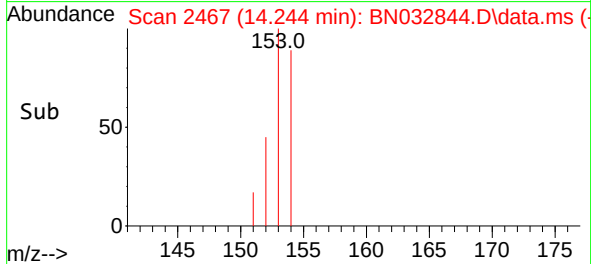
Instrument :
BNA_N
ClientSampleId :
A4BS8



Tgt Ion:153 Resp: 9458
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 87.7 70.2 105.4

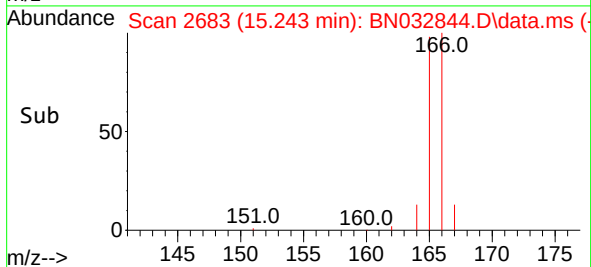
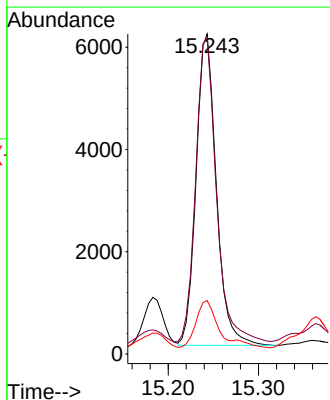
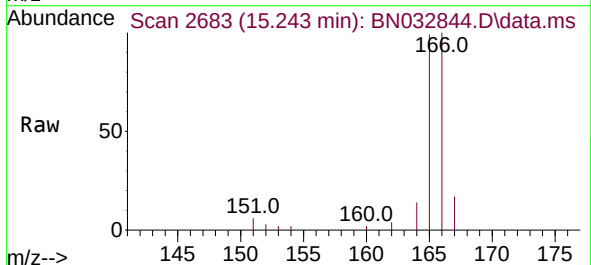
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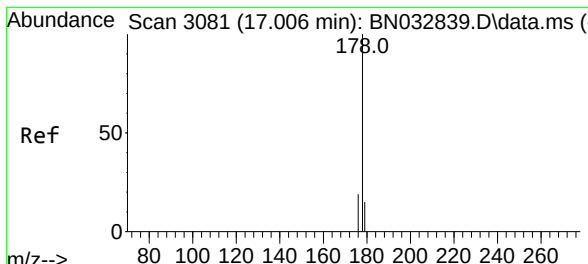
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. -0.023 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

Tgt Ion:166 Resp: 9495
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 16.7 11.4 17.2





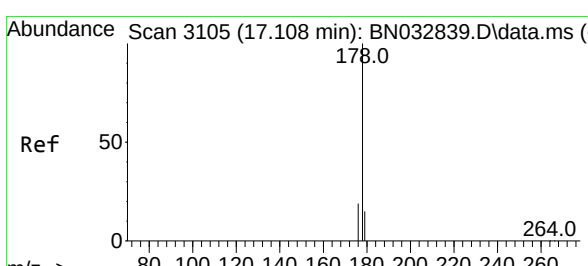
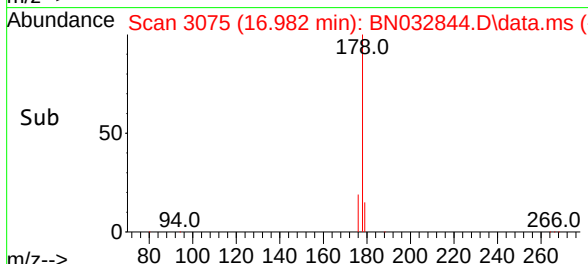
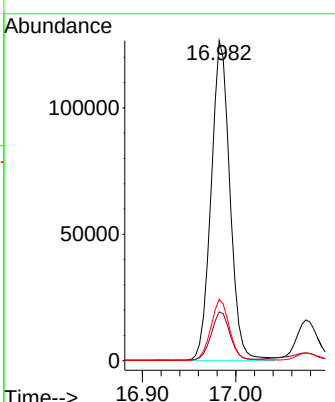
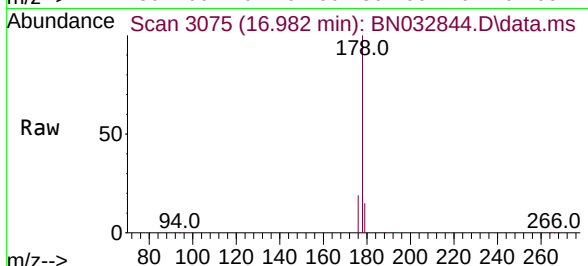
#15
 Phenanthrene
 Concen: 5.473 ng/ul m
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.025 min
 Lab File: BN032844.D
 Acq: 19 Jul 2024 17:00

Instrument :
 BNA_N
 ClientSampleId :
 A4BS8

Tgt Ion:	178	Resp:	177279
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.0	19.4
176	19.2	15.6	23.4

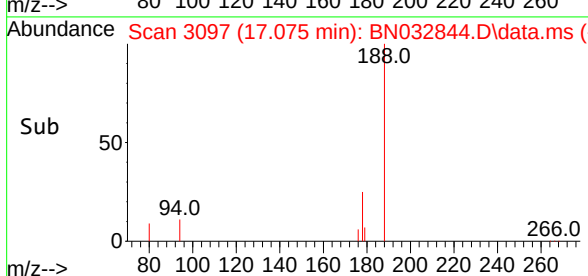
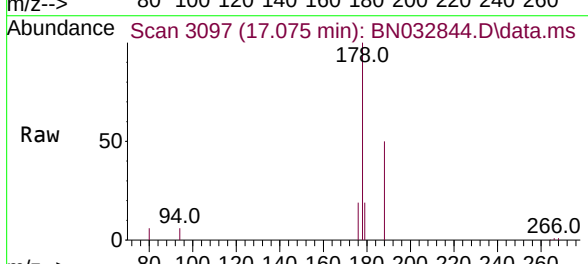
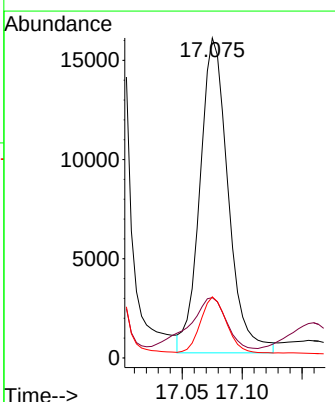
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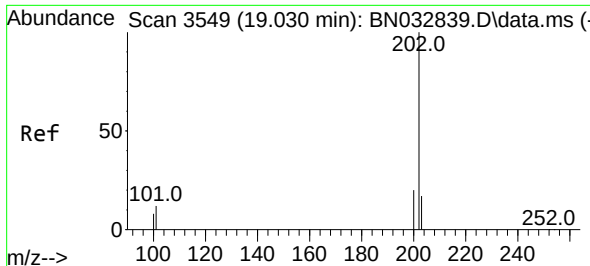
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#16
 Anthracene
 Concen: 0.983 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032844.D
 Acq: 19 Jul 2024 17:00

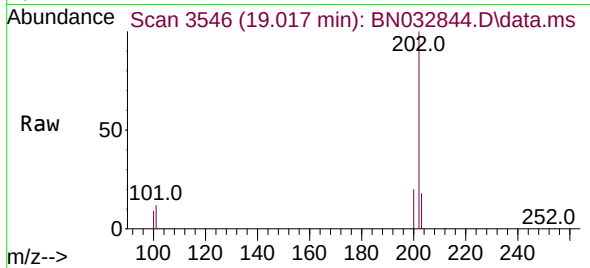
Tgt Ion:	178	Resp:	26006
Ion Ratio	Lower	Upper	
178	100		
179	18.9	13.4	20.2
176	19.1	15.4	23.0





#19
Fluoranthene
Concen: 6.497 ng/ul
RT: 19.017 min Scan# 3549
Delta R.T. -0.014 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

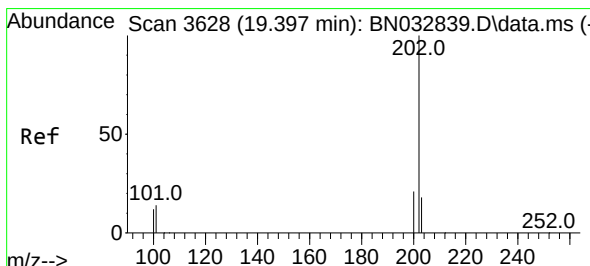
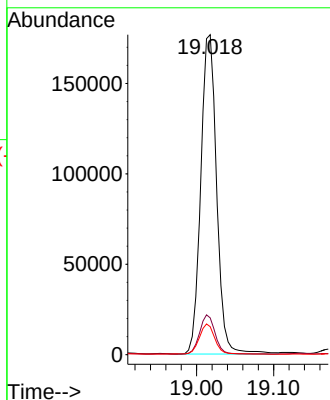
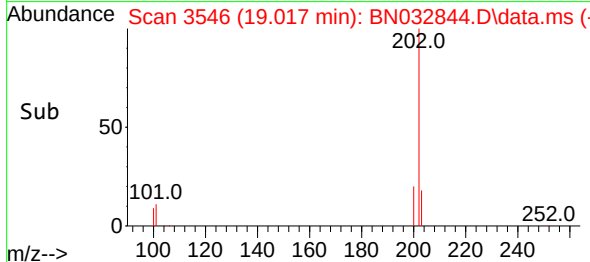
Instrument :
BNA_N
ClientSampleId :
A4BS8



Tgt Ion:202 Resp: 253709
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.7 7.9 11.9

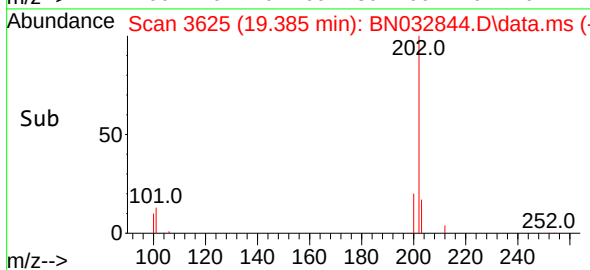
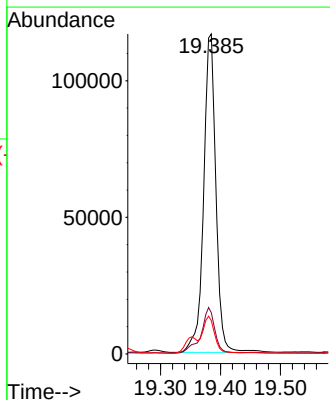
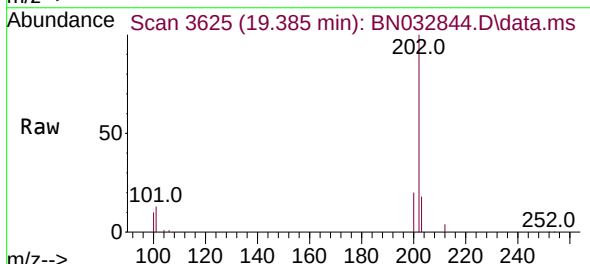
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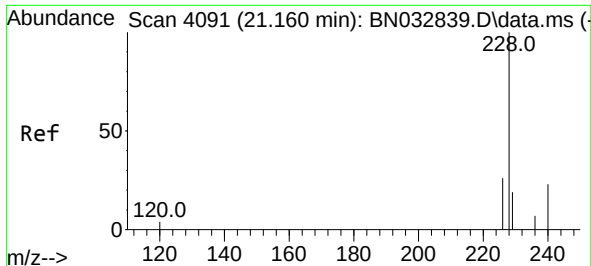
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 4.122 ng/ul
RT: 19.385 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

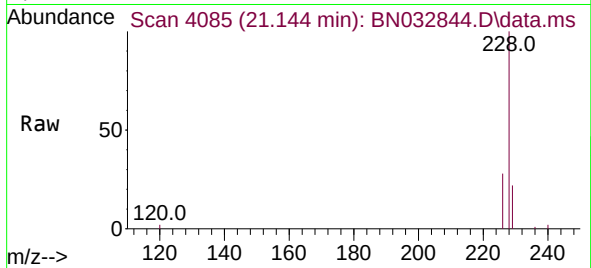
Tgt Ion:202 Resp: 166611
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 10.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.984 ng/ul
RT: 21.144 min Scan# 4091
Delta R.T. -0.015 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

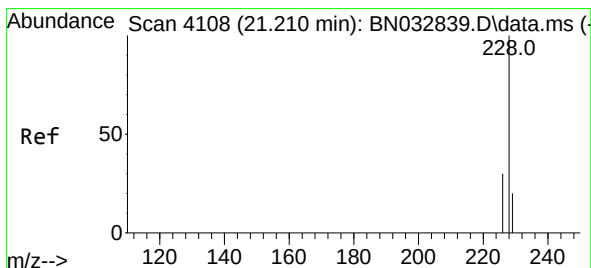
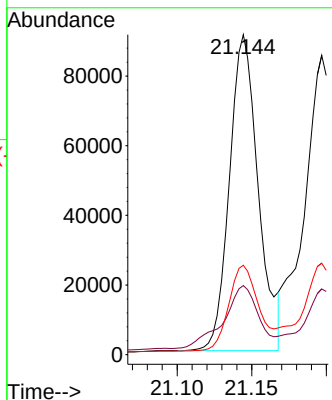
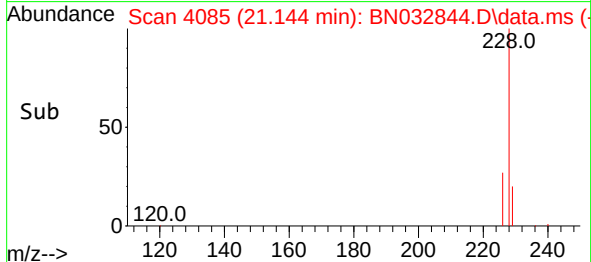
Instrument :
BNA_N
ClientSampleId :
A4BS8



Tgt Ion:228 Resp: 121798
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 27.9 21.9 32.9

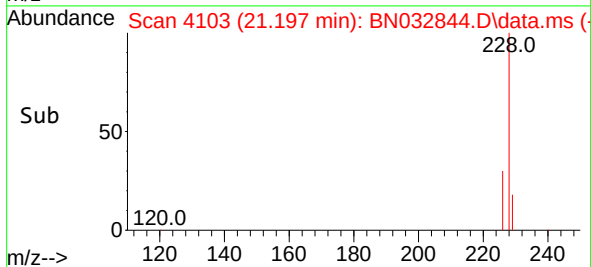
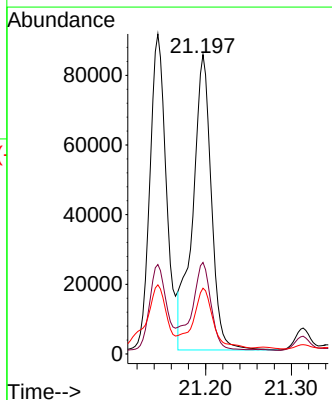
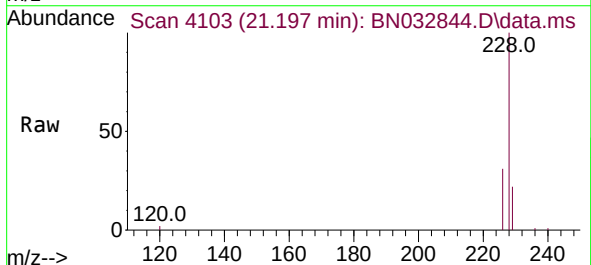
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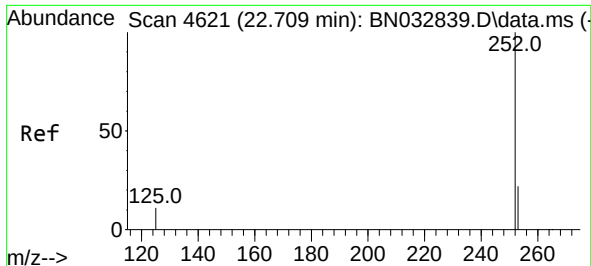
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 2.890 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

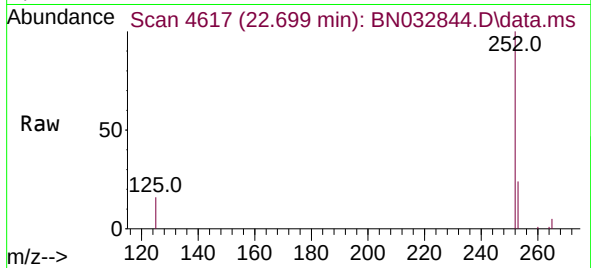
Tgt Ion:228 Resp: 127826
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.473 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

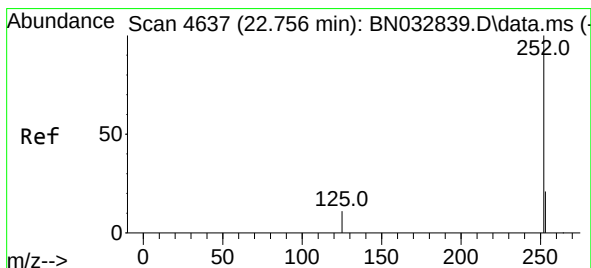
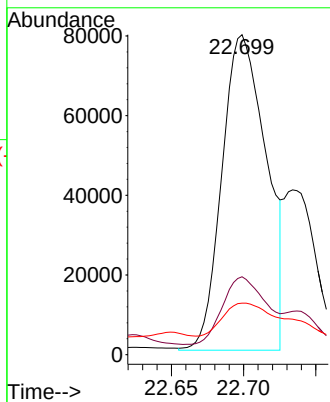
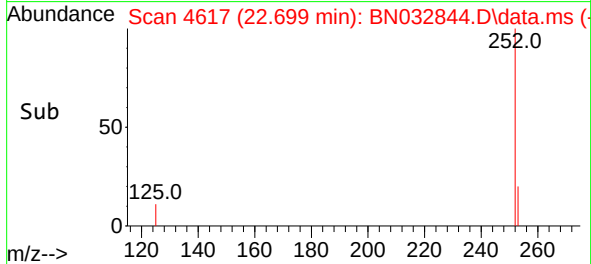
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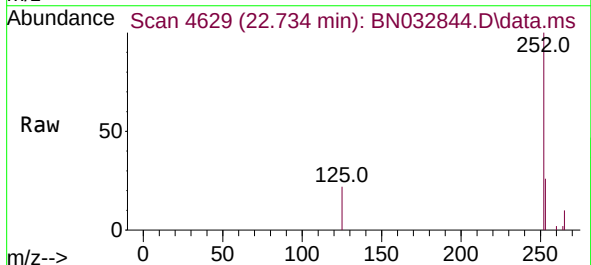
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Ion Ratio Lower Upper
252 100
253 24.4 0.0 54.0
125 16.1 0.0 36.0

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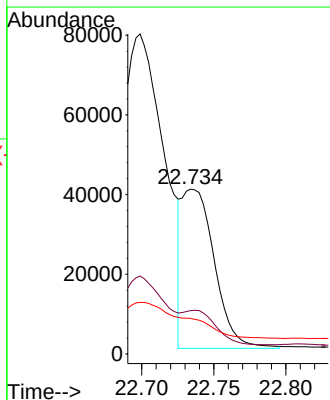
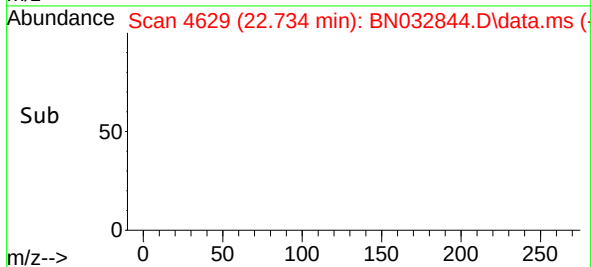
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

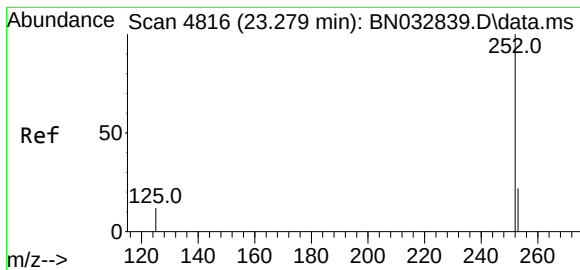


#25
Benzo(k)fluoranthene
Concen: 1.359 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.021 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00



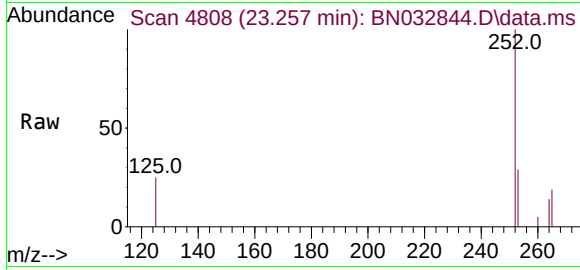
Tgt Ion:252 Resp: 62666
Ion Ratio Lower Upper
252 100
253 26.3 21.2 31.8
125 21.5 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.564 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

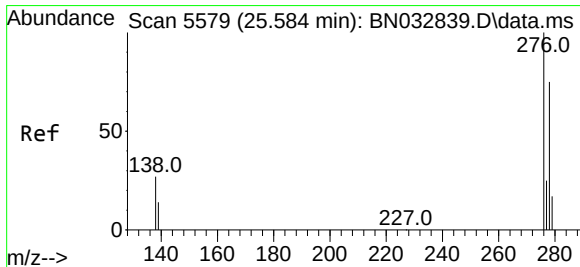
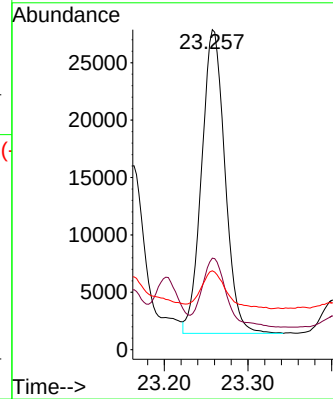
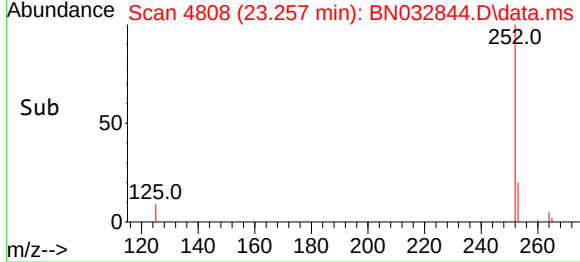
Instrument :
BNA_N
ClientSampleId :
A4BS8



Tgt Ion:	252	Resp:	5123
Ion Ratio	Lower	Upper	
252	100		
253	28.6	25.4	38.0
125	24.6	20.6	30.8

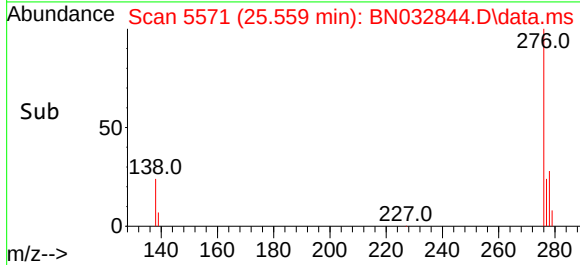
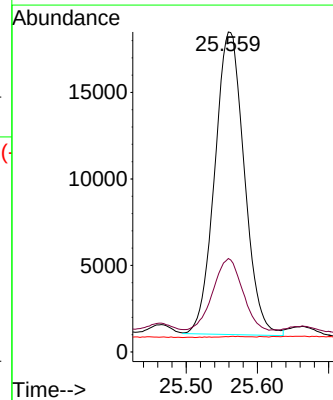
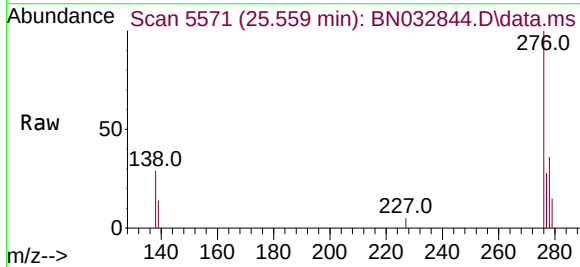
Manual Integrations
APPROVED

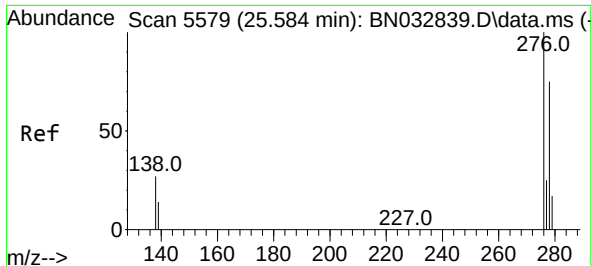
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.137 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.024 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

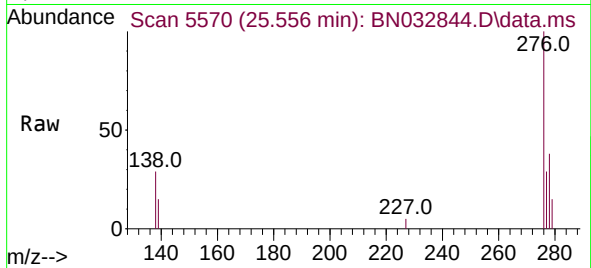
Tgt Ion:	276	Resp:	50423
Ion Ratio	Lower	Upper	
276	100		
138	24.6	21.6	32.4
227	0.3	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.608 ng/ul
RT: 25.556 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00

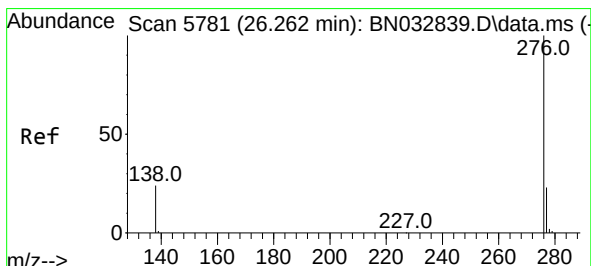
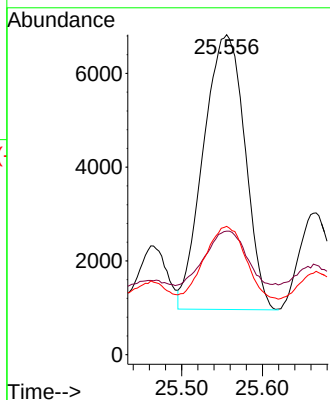
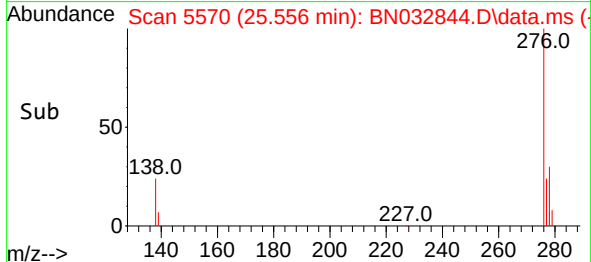
Instrument :
BNA_N
ClientSampleId :
A4BS8



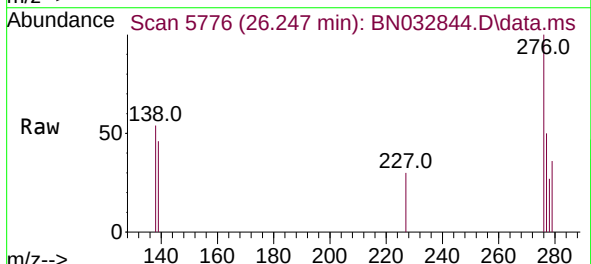
Tgt Ion:278 Resp: 2090
Ion Ratio Lower Upper
278 100
139 38.6 16.6 24.8#
279 40.1 23.7 35.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.200 ng/ul
RT: 26.247 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BN032844.D
Acq: 19 Jul 2024 17:00



Tgt Ion:276 Resp: 7411
Ion Ratio Lower Upper
276 100
138 54.2 21.0 31.4#
277 50.2 20.6 31.0#

