

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032792.D
 Acq On : 17 Jul 2024 23:16
 Operator : MA/JU
 Sample : P3100-13DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 00:10:53 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	5862	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	17265	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	8901	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15725	0.400	ng/ul	-0.01
17) Chrysene-d12	21.165	240	14624	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	18522	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	8066	1.146	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	1965	0.075	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	3715	0.078	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	3841	0.083	ng/ul#	95
7) 2-Methylnaphthalene	11.993	142	1319	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	1136	0.038	ng/ul	99
10) Acenaphthylene	13.911	152	9307	0.259	ng/ul	98
11) Acenaphthene	14.253	153	4843	0.163	ng/ul	100
12) Fluorene	15.252	166	5598	0.165	ng/ul	98
15) Phenanthrene	16.991	178	131181	3.063	ng/ul	99
16) Anthracene	17.088	178	23817	0.681	ng/ul	99
19) Fluoranthene	19.022	202	344035	5.786	ng/ul	99
20) Pyrene	19.389	202	233403	3.792	ng/ul	97
21) Benzo(a)anthracene	21.147	228	157789	3.390	ng/ul	99
22) Chrysene	21.200	228	184655	2.742	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	269496m	4.124	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	106235m	1.334	ng/ul	
26) Benzo(a)pyrene	23.266	252	89373	1.580	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.572	276	92904	1.213	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.569	278	33728	0.568	ng/ul#	89
29) Benzo(g,h,i)perylene	26.256	276	12848	0.201	ng/ul#	78

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

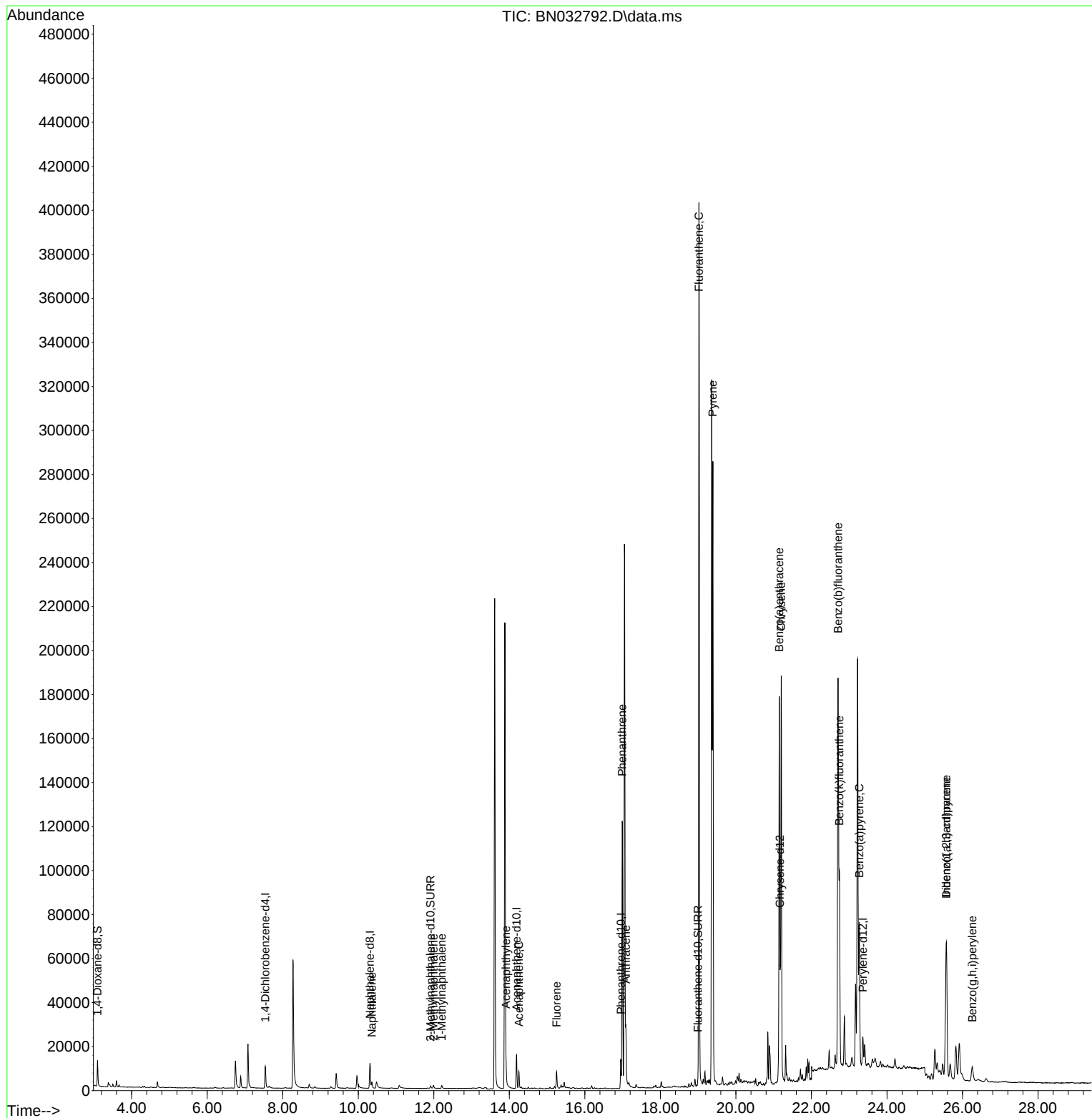
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032792.D
Acq On : 17 Jul 2024 23:16
Operator : MA/JU
Sample : P3100-13DL 5X
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ALS Vial : 64 Sample Multiplier: 1

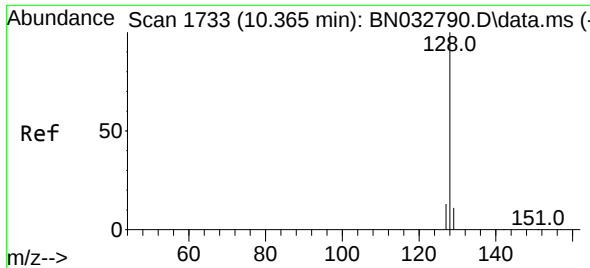
Instrument :
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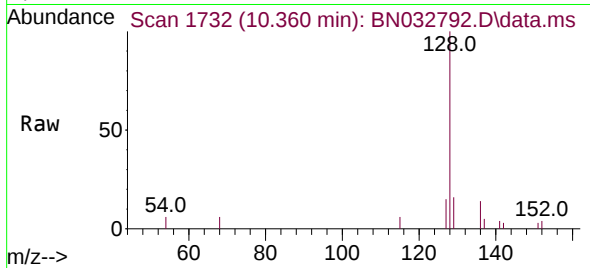
Quant Time: Jul 18 00:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.083 ng/u1
RT: 10.360 min Scan# 1733
Delta R.T. -0.011 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

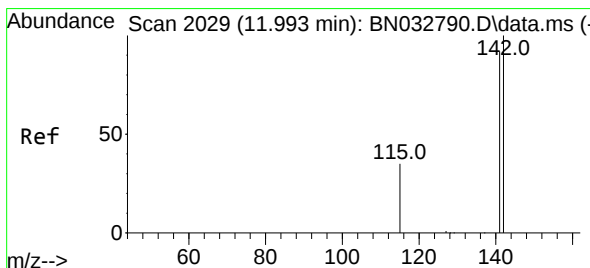
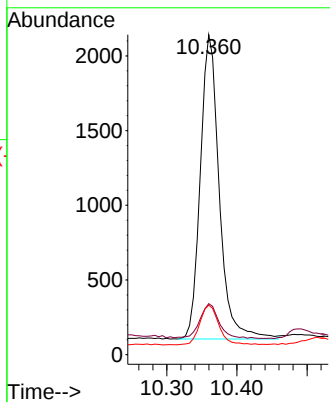
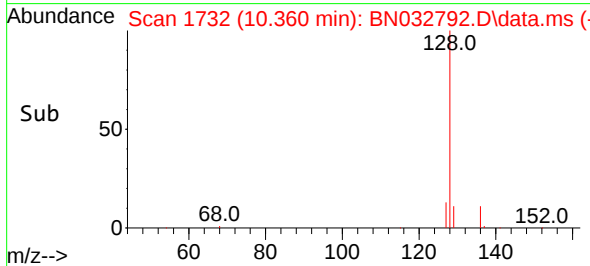
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:128 Resp: 384
Ion Ratio Lower Upper
128 100
129 16.0 10.0 15.0
127 15.5 11.6 17.4

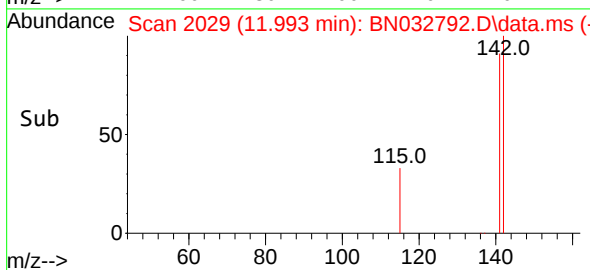
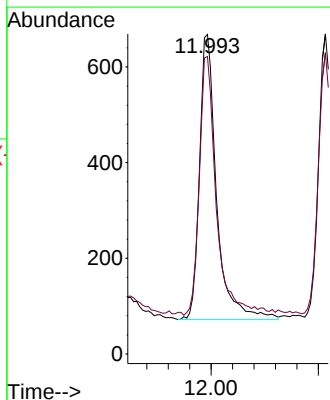
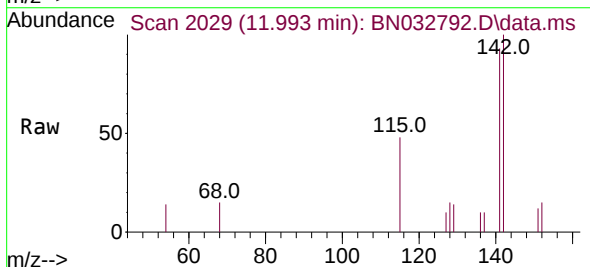
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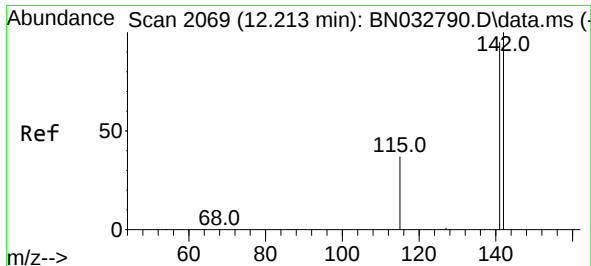
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/u1
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

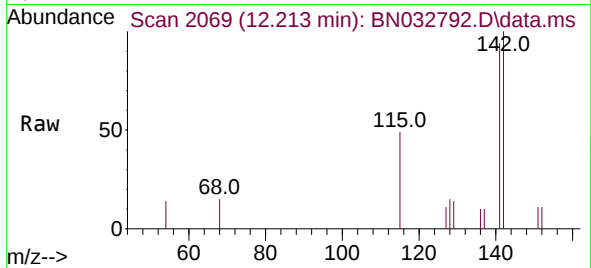
Tgt Ion:142 Resp: 1319
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

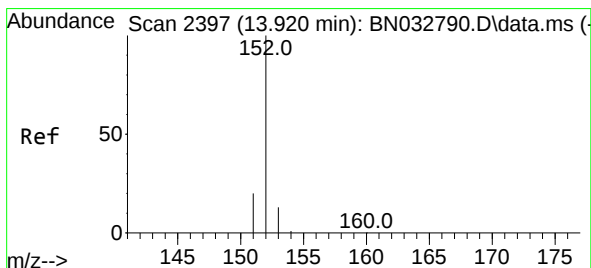
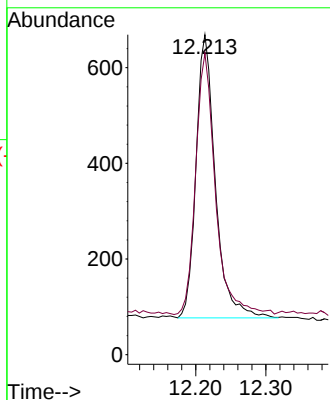
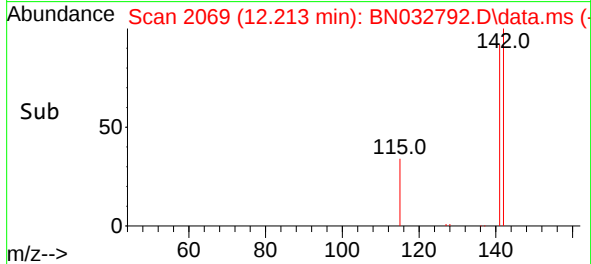
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A4BX1DL



Tgt Ion:142 Resp: 1130
Ion Ratio Lower Upper
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141 94.4 75.0 112.4

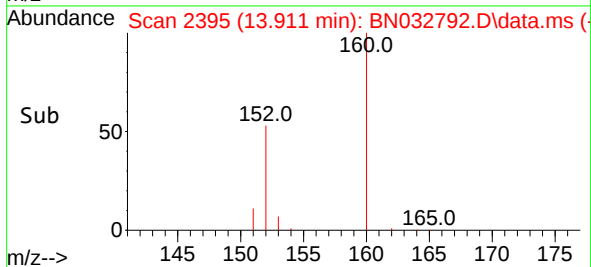
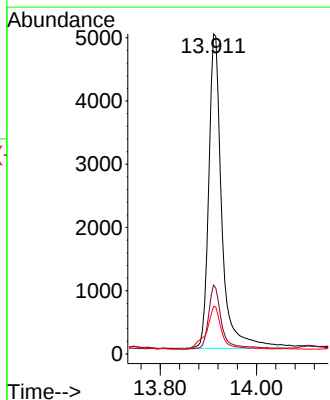
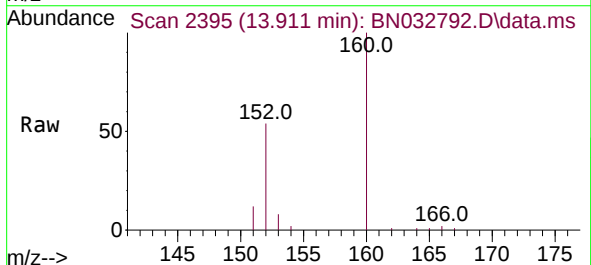
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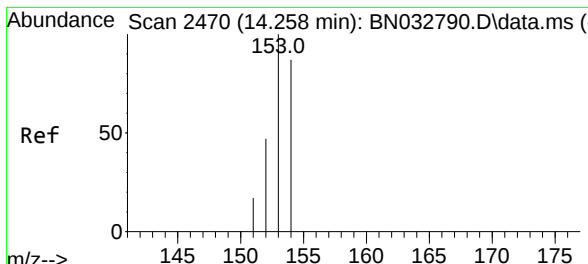
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

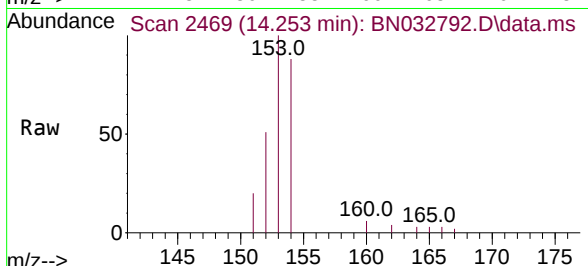
Tgt Ion:152 Resp: 9307
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

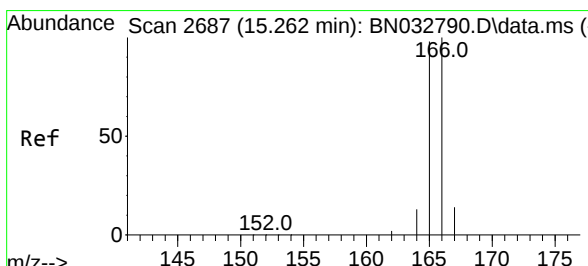
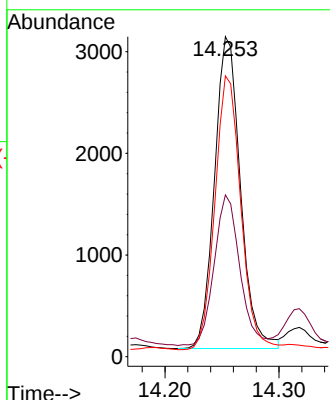
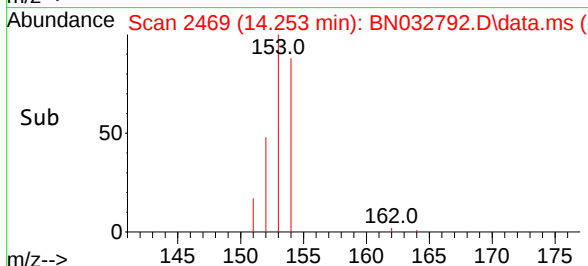
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:153 Resp: 484
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 87.8 70.2 105.4

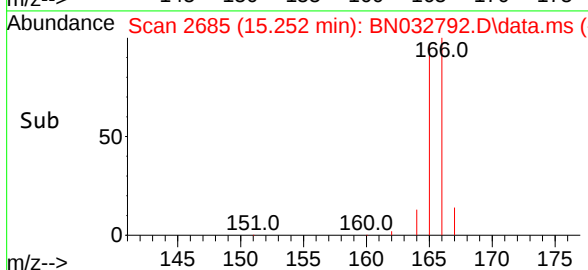
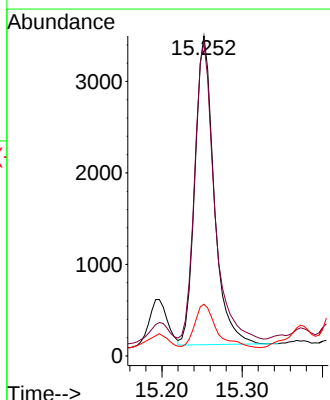
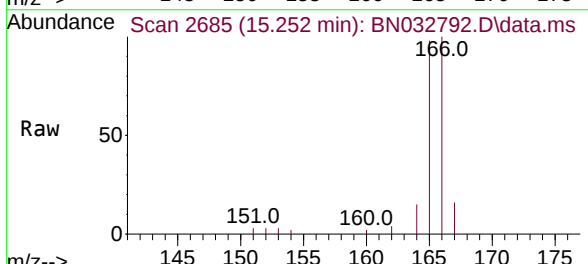
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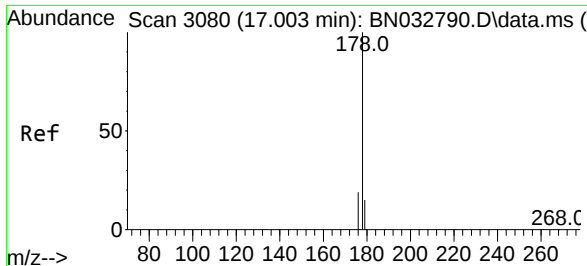
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

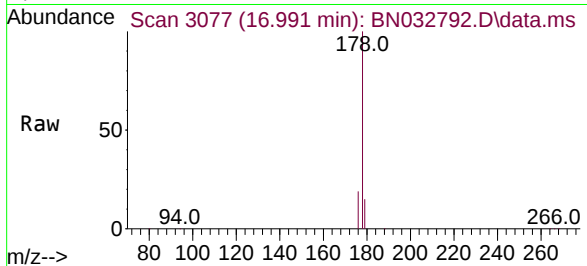
Tgt Ion:166 Resp: 5598
Ion Ratio Lower Upper
166 100
165 97.9 79.7 119.5
167 16.2 11.4 17.2





#15
Phenanthrene
Concen: 3.063 ng/ul
RT: 16.991 min Scan# 3080
Delta R.T. -0.017 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

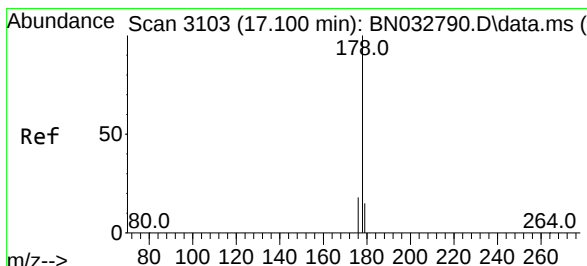
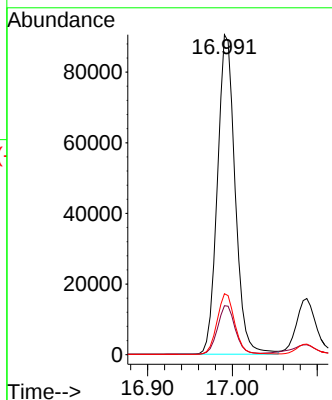
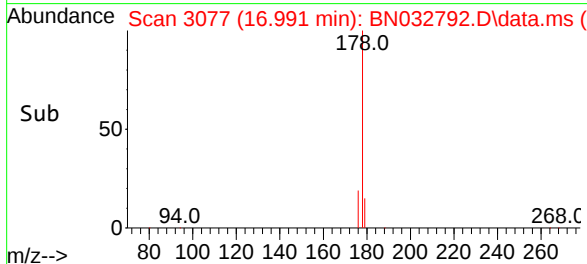
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



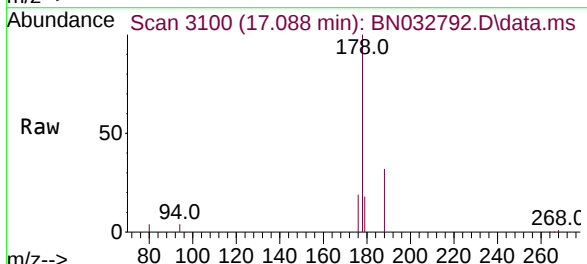
Tgt Ion:178 Resp: 13118
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4

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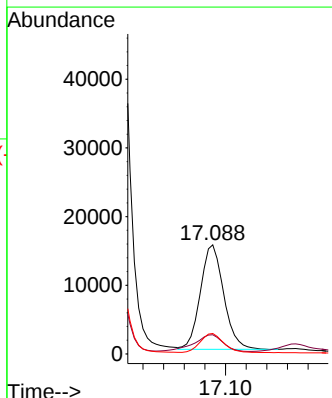
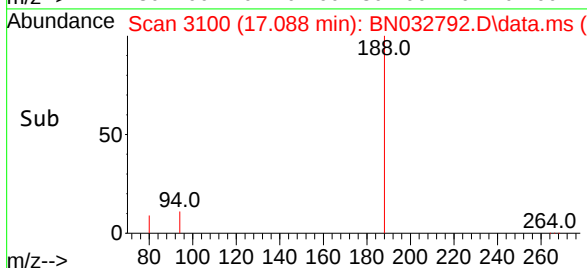
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

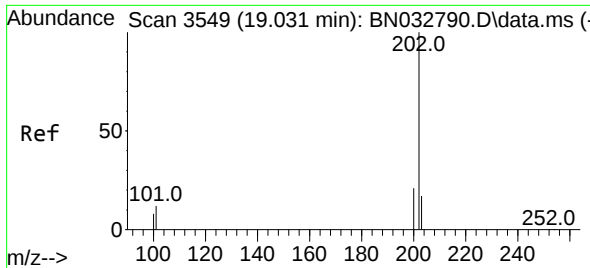


#16
Anthracene
Concen: 0.681 ng/ul
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16



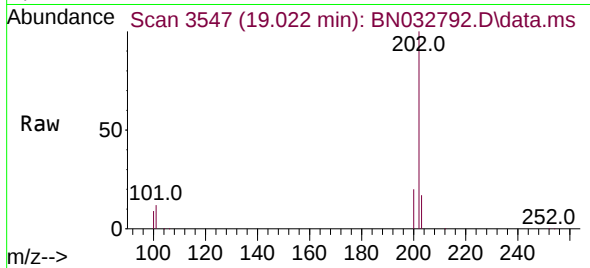
Tgt Ion:178 Resp: 23817
Ion Ratio Lower Upper
178 100
179 17.6 13.4 20.2
176 18.7 15.4 23.0





#19
Fluoranthene
Concen: 5.786 ng/u1
RT: 19.022 min Scan# 3549
Delta R.T. -0.010 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

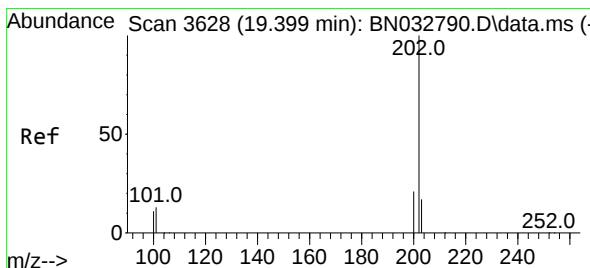
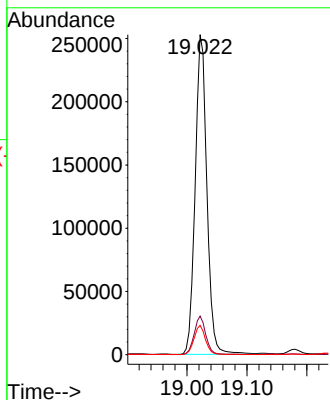
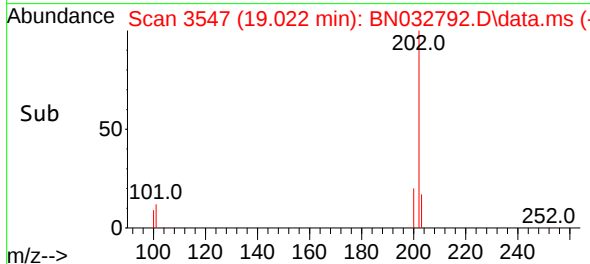
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A4BX1DL



Tgt Ion:202 Resp: 344035
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

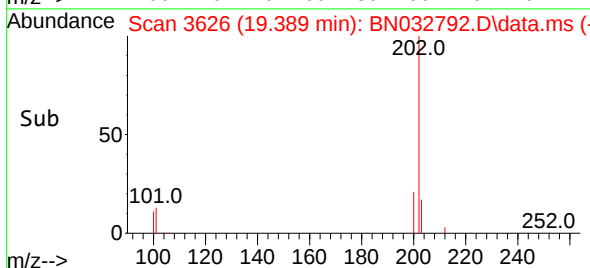
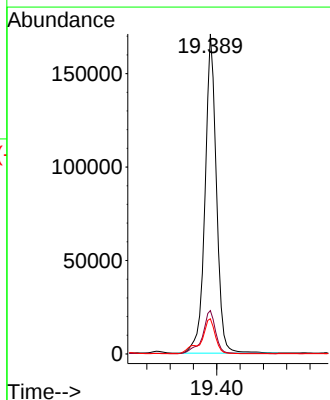
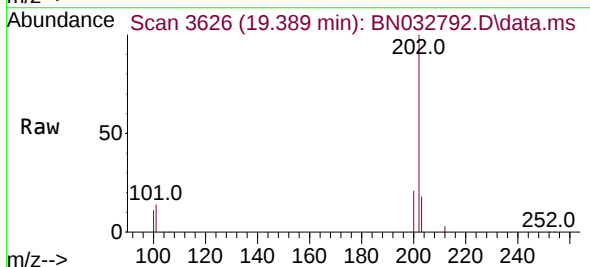
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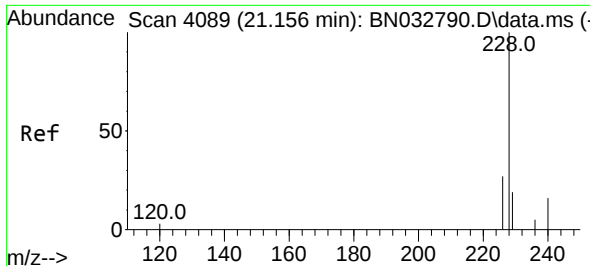
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 3.792 ng/u1
RT: 19.389 min Scan# 3626
Delta R.T. -0.010 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

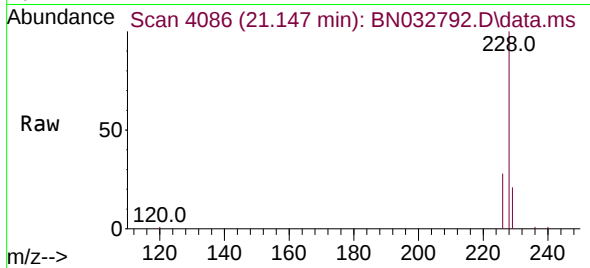
Tgt Ion:202 Resp: 233403
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.390 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

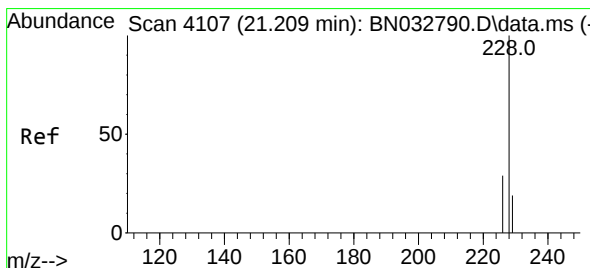
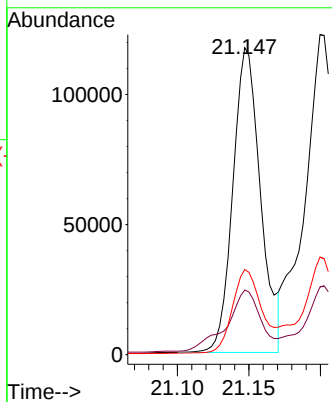
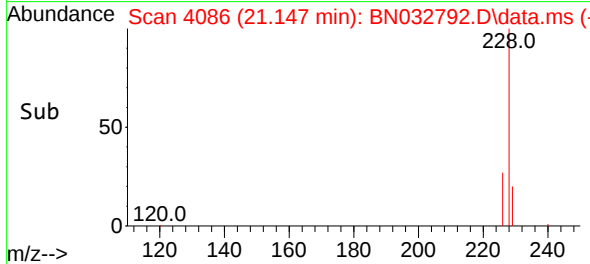
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Tgt Ion:228 Resp: 157789
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 27.7 21.9 32.9

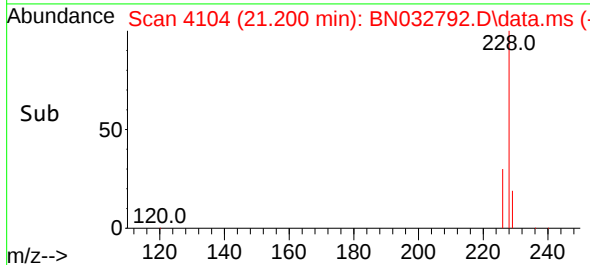
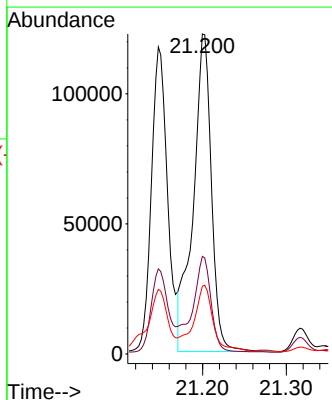
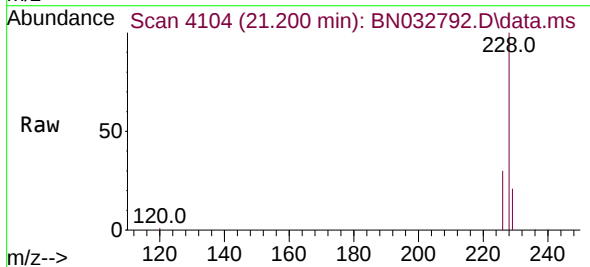
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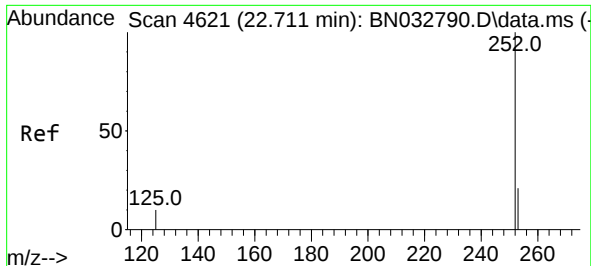
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 2.742 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

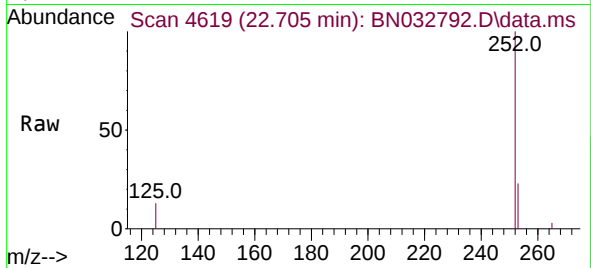
Tgt Ion:228 Resp: 184655
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.124 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

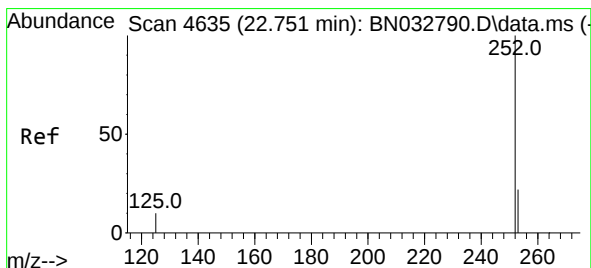
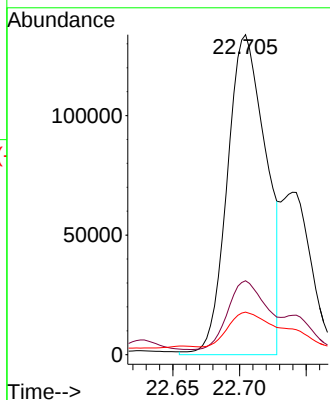
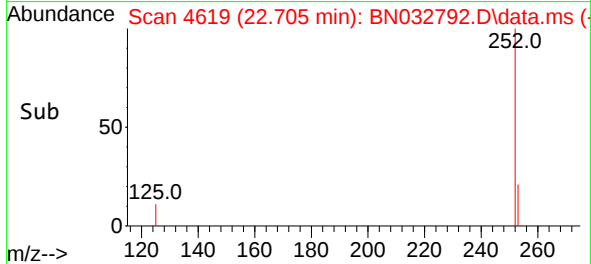
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:252 Resp: 269490
Ion Ratio Lower Upper
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253 23.1 0.0 54.0
125 13.3 0.0 36.0

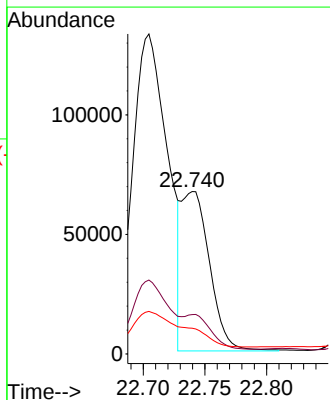
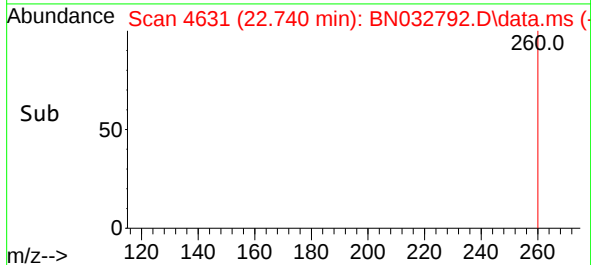
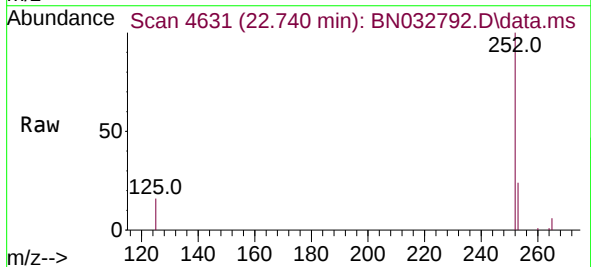
Manual Integrations
APPROVED

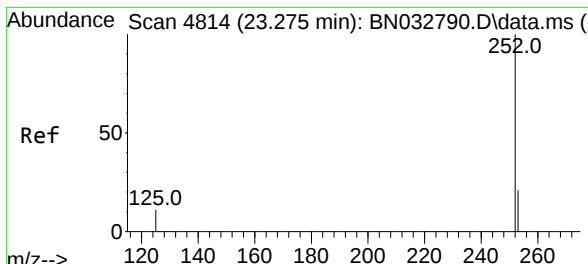
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 1.334 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

Tgt Ion:252 Resp: 106235
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 15.9 14.8 22.2





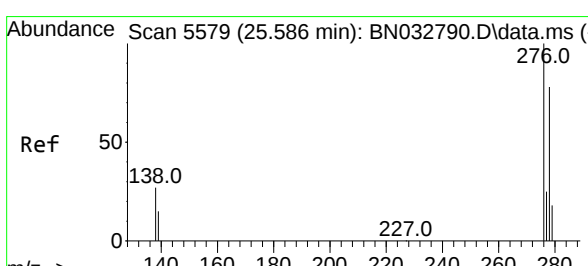
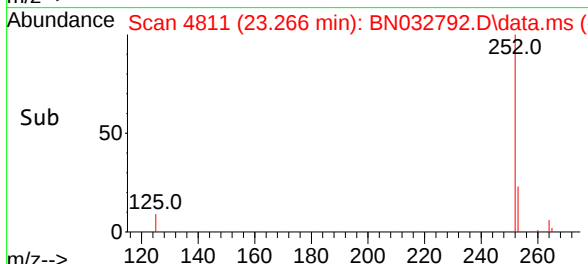
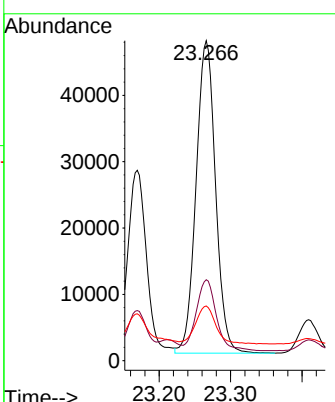
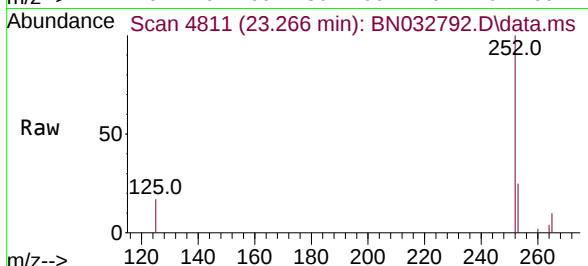
#26
 Benzo(a)pyrene
 Concen: 1.580 ng/ul
 RT: 23.266 min Scan# 4814
 Delta R.T. -0.012 min
 Lab File: BN032792.D
 Acq: 17 Jul 2024 23:16

Instrument : BNA_N
 ClientSampleId : A4BX1DL

Tgt Ion:252 Resp: 8937

Ion	Ratio	Lower	Upper
252	100		
253	25.3	25.4	38.0
125	17.1	20.6	30.8

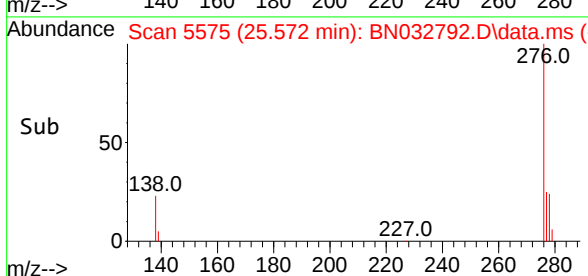
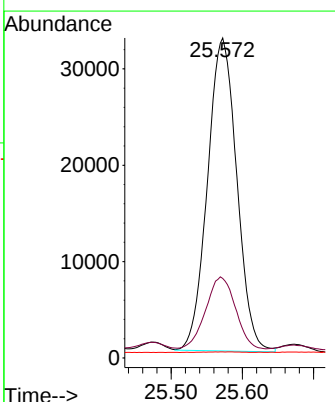
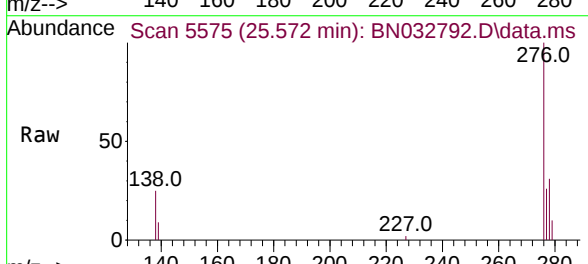
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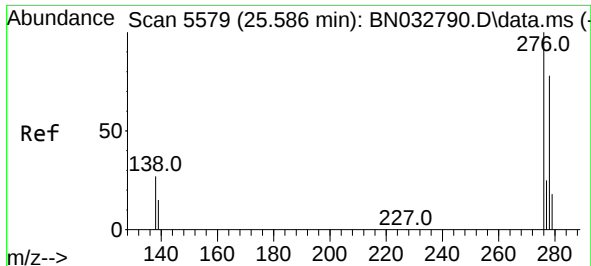


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.213 ng/ul
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.010 min
 Lab File: BN032792.D
 Acq: 17 Jul 2024 23:16

Tgt Ion:276 Resp: 92904

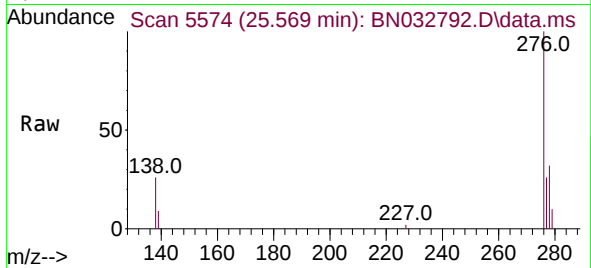
Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.568 ng/ul
RT: 25.569 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

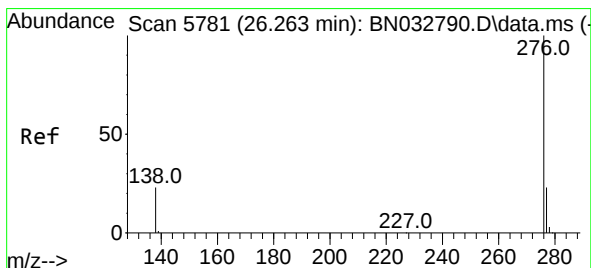
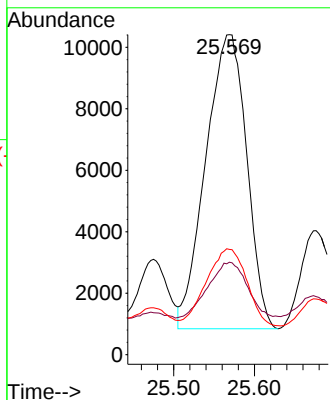
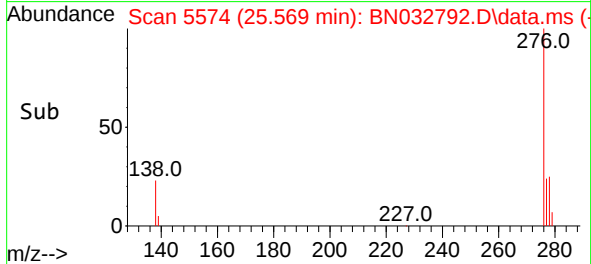
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:278 Resp: 33728
Ion Ratio Lower Upper
278 100
139 28.9 16.6 24.8#
279 32.9 23.7 35.5

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Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BN032792.D
Acq: 17 Jul 2024 23:16

Tgt Ion:276 Resp: 12848
Ion Ratio Lower Upper
276 100
138 37.5 21.0 31.4#
277 36.4 20.6 31.0#

