

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032461.D
 Acq On : 04 Jul 2024 06:46
 Operator : MA/JU
 Sample : P2963-16DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 07:16:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	7060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21681	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.244	164	12431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	23093	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	16774	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	20176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6337	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1693	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2860	0.057	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	6361	0.111	ng/ul#	95
7) 2-Methylnaphthalene	12.054	142	2152	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	1587	0.040	ng/ul	99
10) Acenaphthylene	13.966	152	8602	0.166	ng/ul	96
11) Acenaphthene	14.309	153	4599	0.115	ng/ul	98
12) Fluorene	15.303	166	5635	0.118	ng/ul#	99
15) Phenanthrene	17.041	178	117131	1.850	ng/ul	99
16) Anthracene	17.134	178	22365	0.396	ng/ul	97
19) Fluoranthene	19.069	202	243509	3.812	ng/ul	99
20) Pyrene	19.436	202	168572	2.525	ng/ul	97
21) Benzo(a)anthracene	21.188	228	99229	1.639	ng/ul	98
22) Chrysene	21.241	228	120681	1.816	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	176816m	2.017	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	63188m	0.742	ng/ul	
26) Benzo(a)pyrene	23.322	252	60564	0.993	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.653	276	63473	0.665	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.650	278	21975	0.310	ng/ul#	84
29) Benzo(g,h,i)perylene	26.340	276	9113	0.120	ng/ul#	74

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

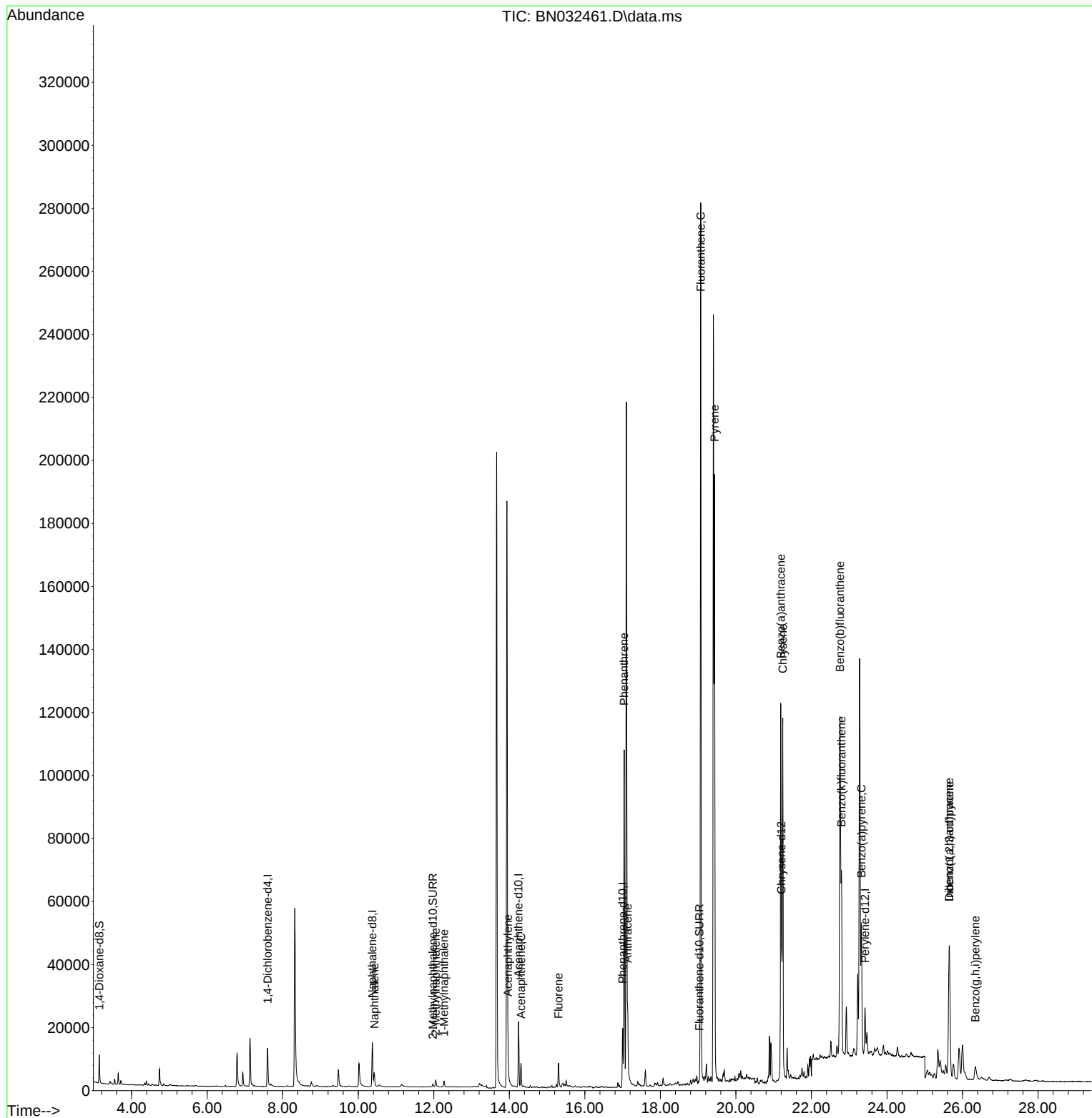
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032461.D
Acq On : 04 Jul 2024 06:46
Operator : MA/JU
Sample : P2963-16DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

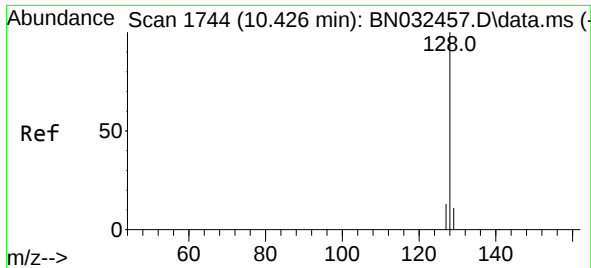
Instrument :
BNA_N
ClientSampleId :
A4CS7DL

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Supervised By :mohammad ahmed 07/05/2024

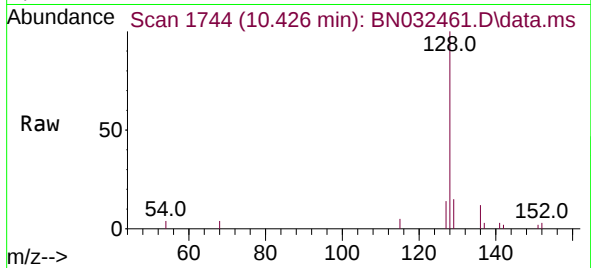
Quant Time: Jul 04 07:16:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

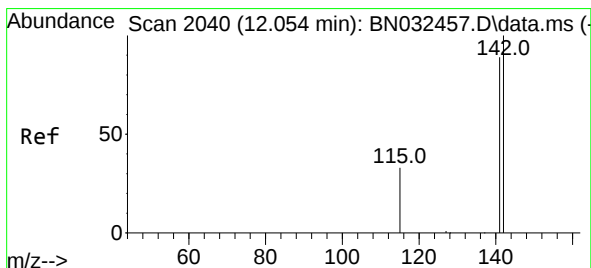
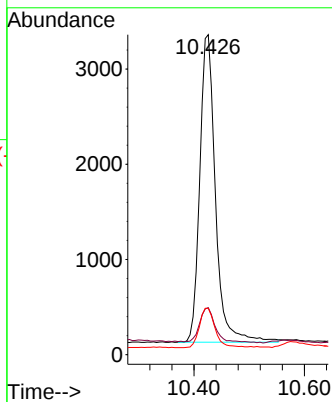
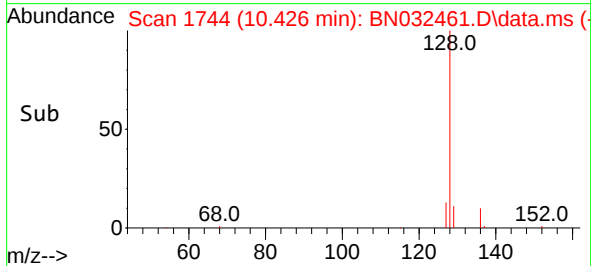
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:128 Resp: 636
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.5 10.8 16.2

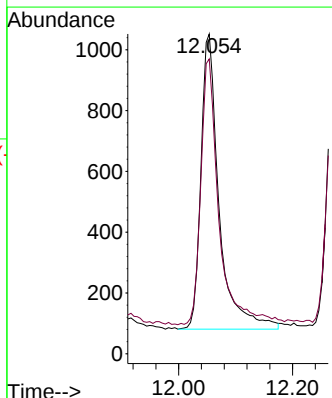
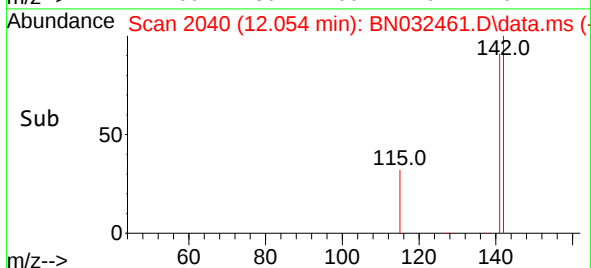
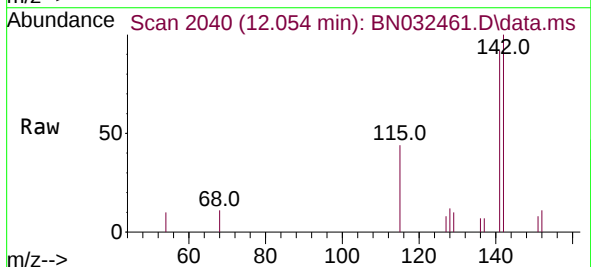
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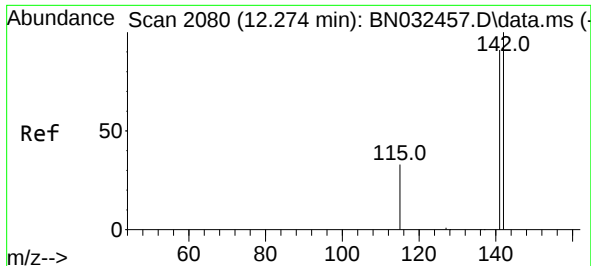
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

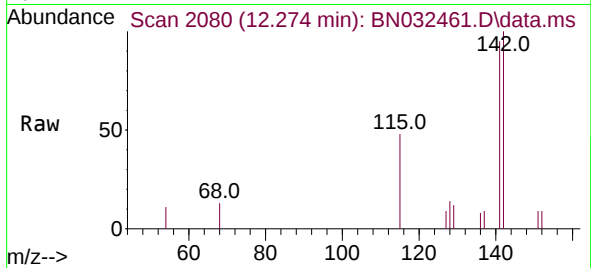
Tgt Ion:142 Resp: 2152
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

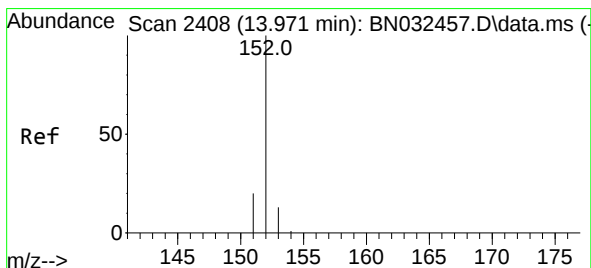
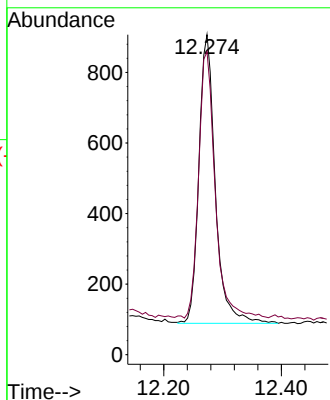
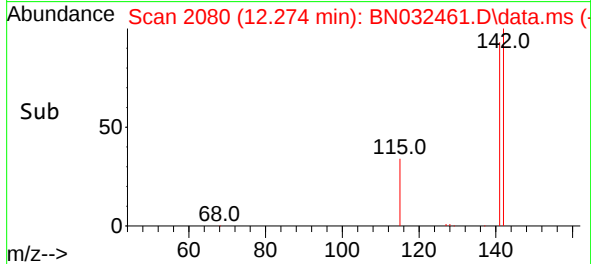
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
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141 92.4 73.4 110.0

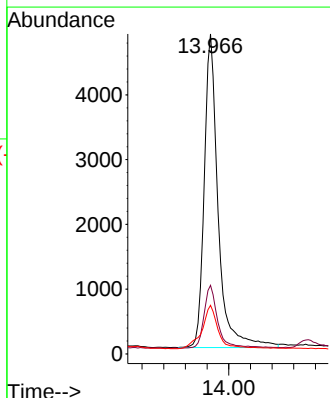
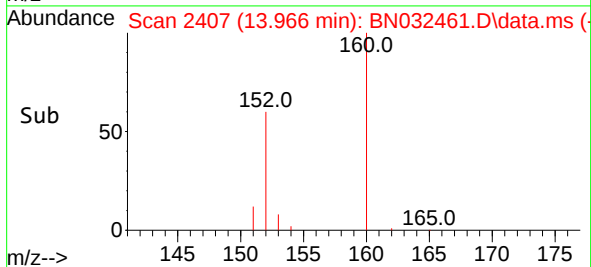
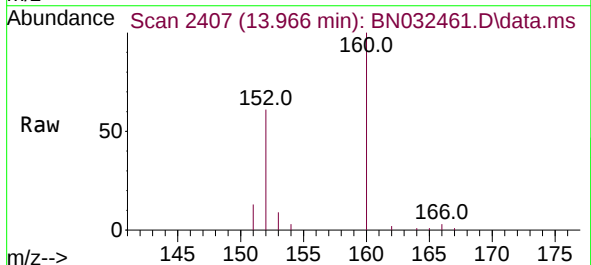
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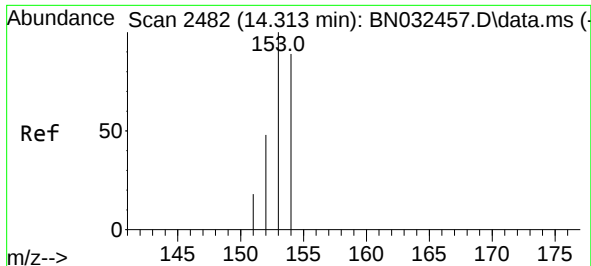
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.166 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

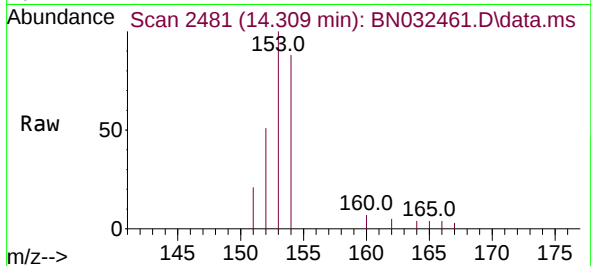
Tgt Ion:152 Resp: 8602
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 15.2 10.9 16.3





#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

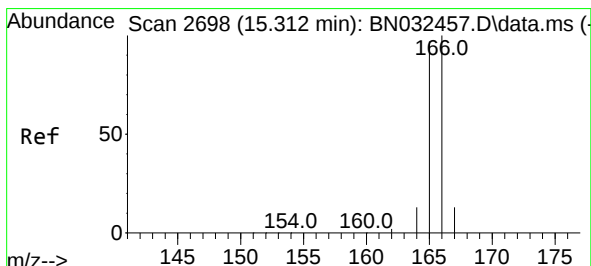
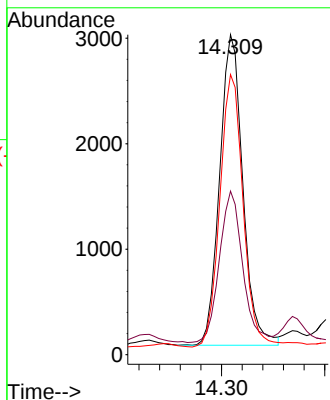
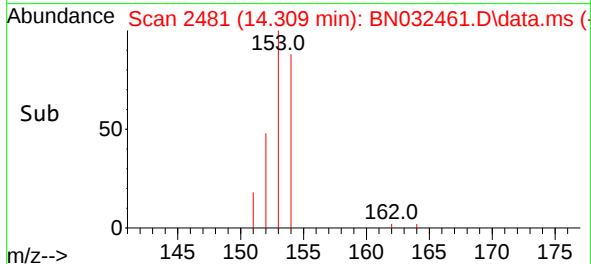
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:153 Resp: 4599
Ion Ratio Lower Upper
153 100
152 51.1 39.5 59.3
154 87.5 71.7 107.5

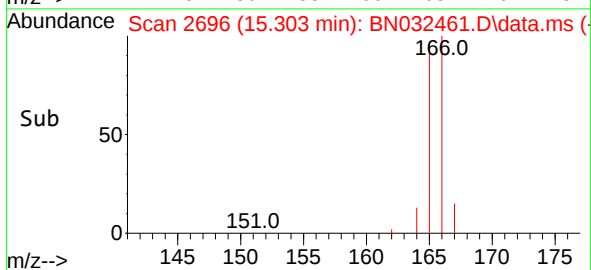
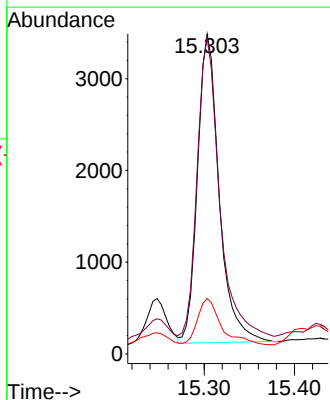
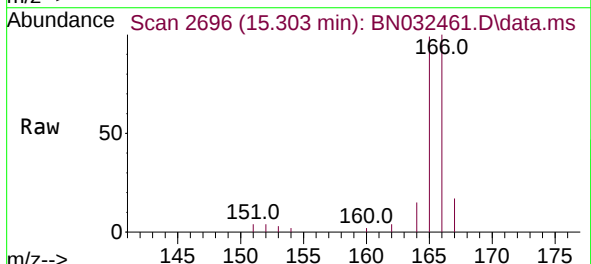
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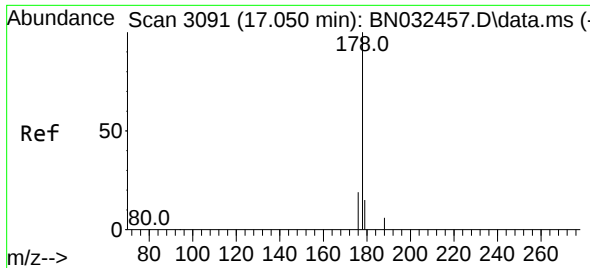
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.118 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

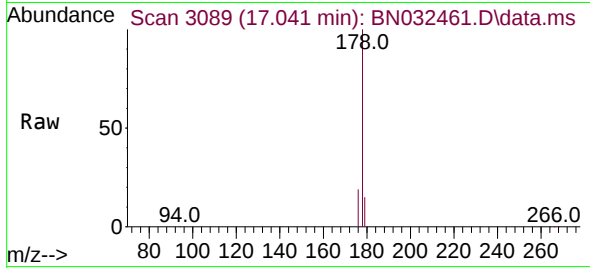
Tgt Ion:166 Resp: 5635
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 17.3 11.0 16.6#





#15
Phenanthrene
Concen: 1.850 ng/ul
RT: 17.041 min Scan# 3091
Delta R.T. -0.008 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

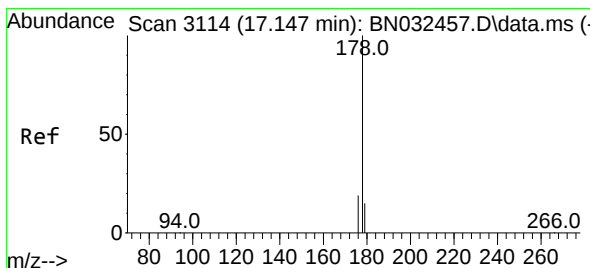
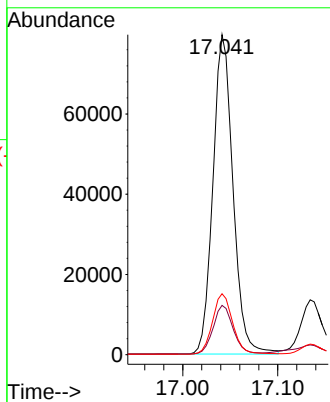
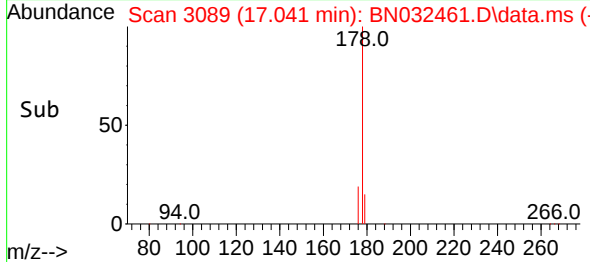
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



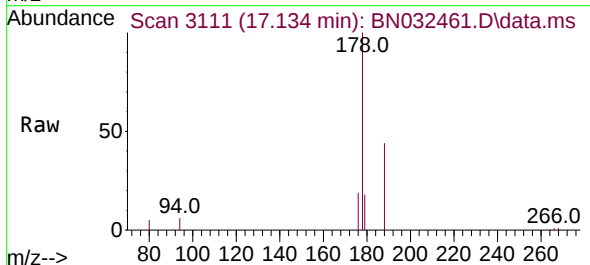
Tgt Ion:178 Resp: 11713
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

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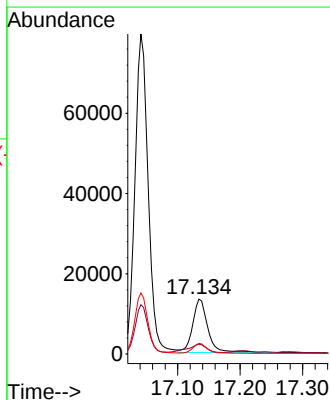
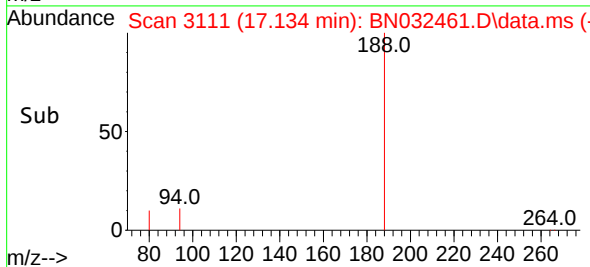
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

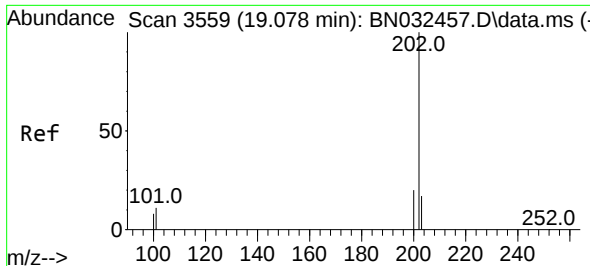


#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46



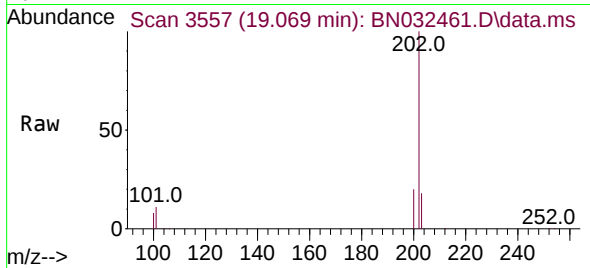
Tgt Ion:178 Resp: 22365
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 19.2 15.0 22.6





#19
Fluoranthene
Concen: 3.812 ng/ul
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

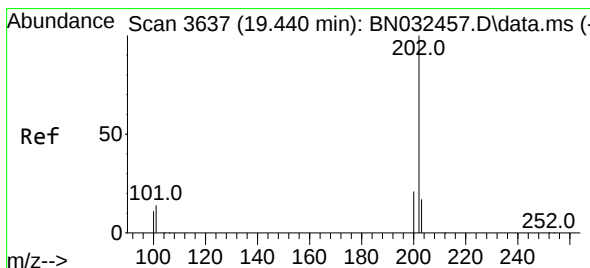
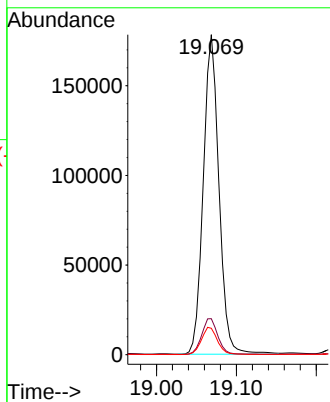
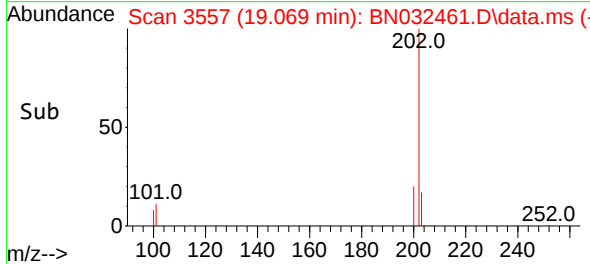
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:202 Resp: 243509
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.2 6.4 9.6

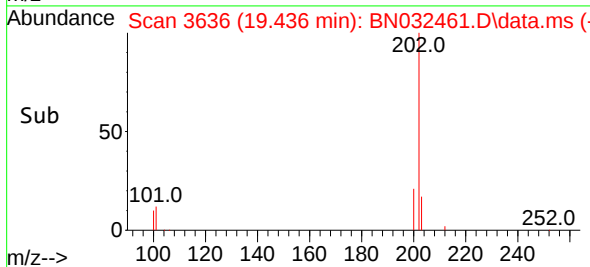
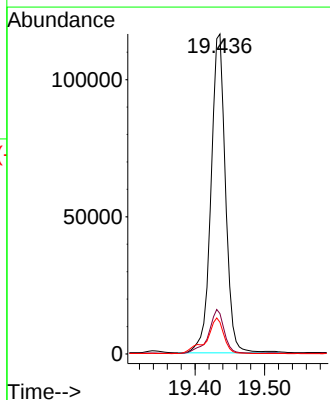
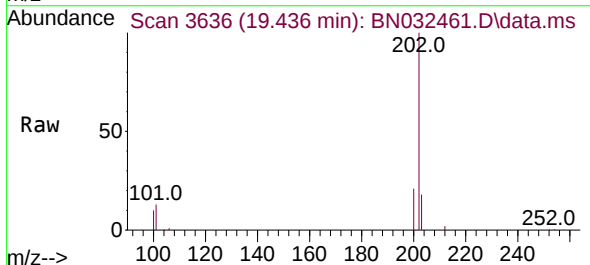
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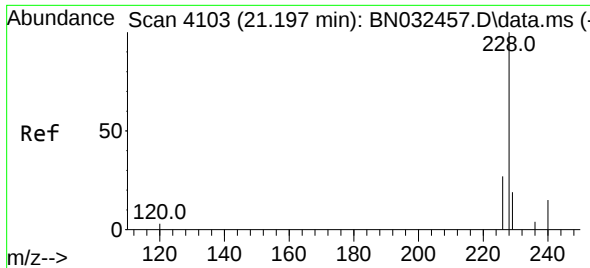
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.525 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

Tgt Ion:202 Resp: 168572
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 9.9 8.7 13.1





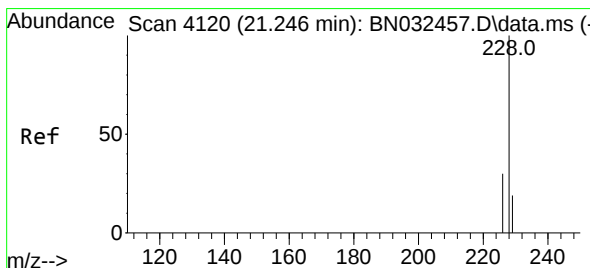
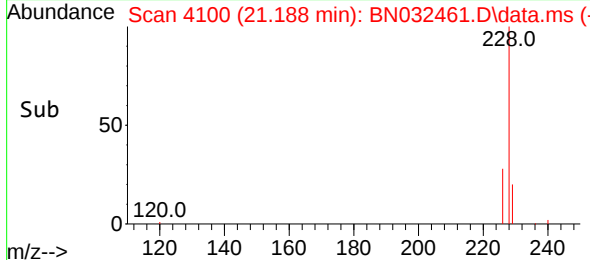
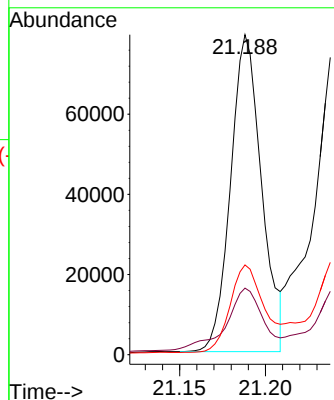
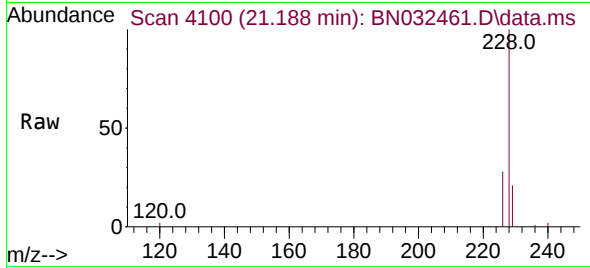
#21
Benzo(a)anthracene
Concen: 1.639 ng/ul
RT: 21.188 min Scan# 4110
Delta R.T. -0.003 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

Instrument :
BNA_N
ClientSampleId :
A4CS7DL

Tgt Ion:228 Resp: 99229
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.1 21.8 32.8

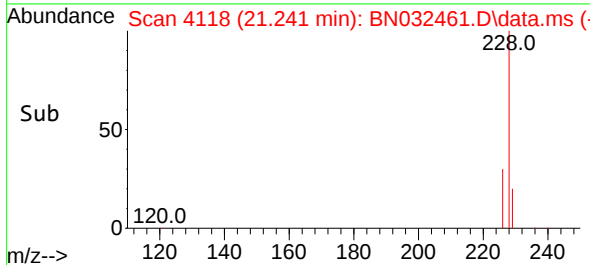
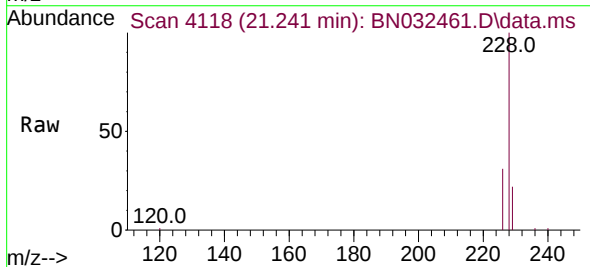
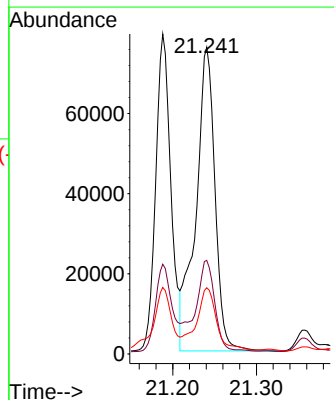
Manual Integrations
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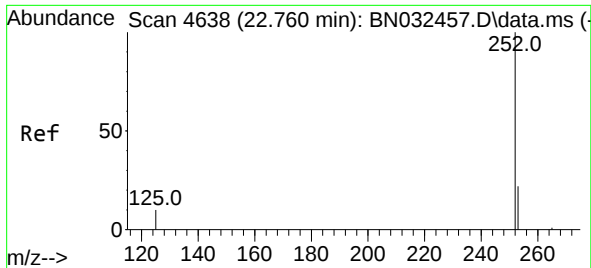
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 1.816 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

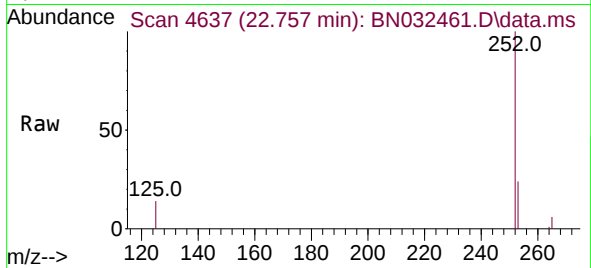
Tgt Ion:228 Resp: 120681
Ion Ratio Lower Upper
228 100
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229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.017 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

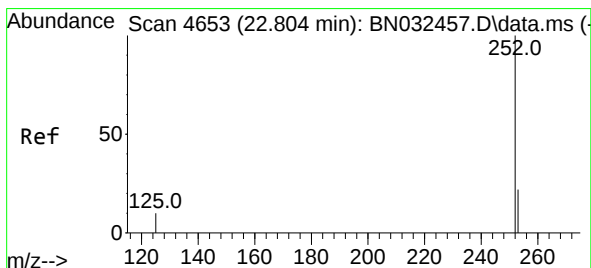
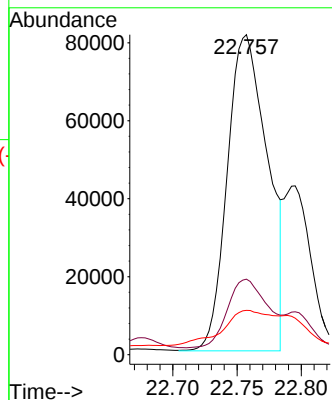
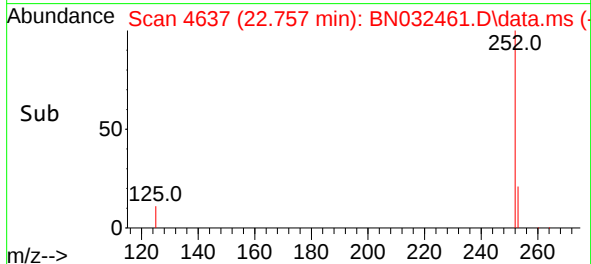
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



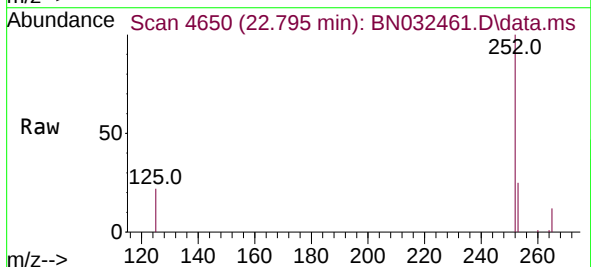
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Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 13.9 0.0 32.0

Manual Integrations
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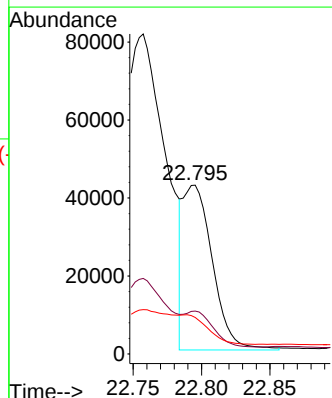
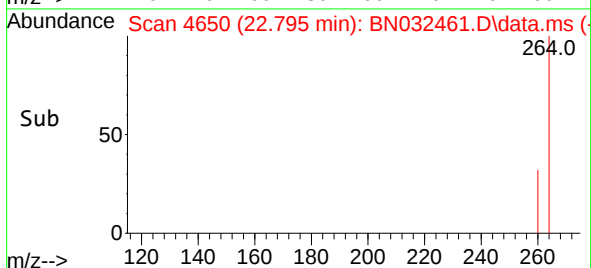
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

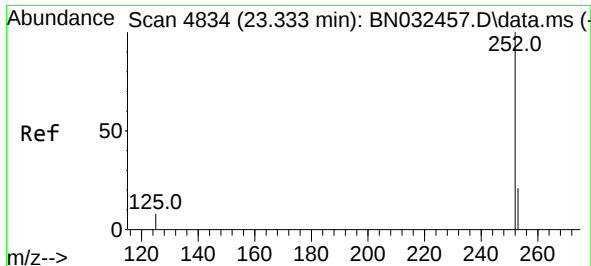


#25
Benzo(k)fluoranthene
Concen: 0.742 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46



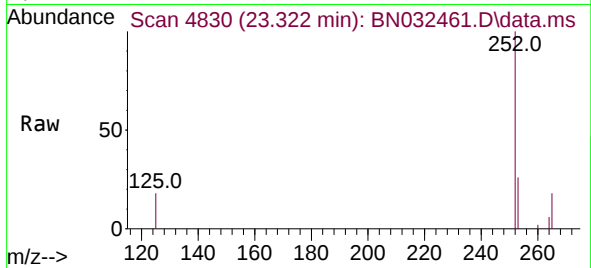
Tgt Ion:252 Resp: 63188
Ion Ratio Lower Upper
252 100
253 25.4 20.3 30.5
125 21.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.993 ng/ul
RT: 23.322 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

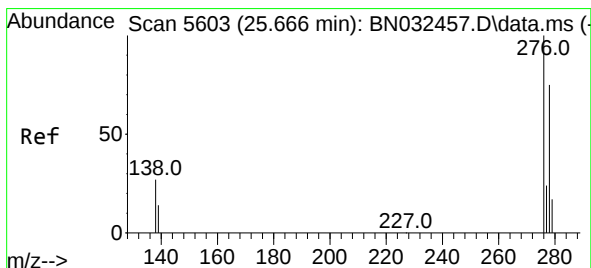
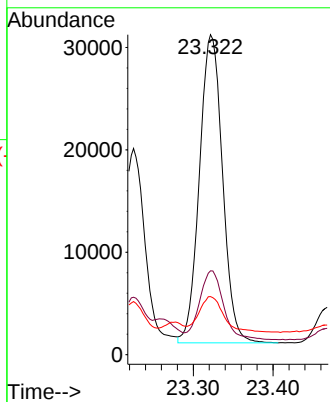
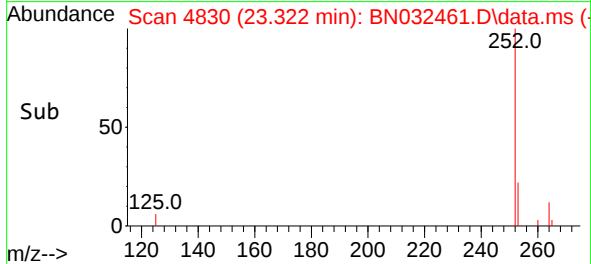
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:252 Resp: 60564
Ion Ratio Lower Upper
252 100
253 26.2 22.2 33.2
125 18.1 16.4 24.6

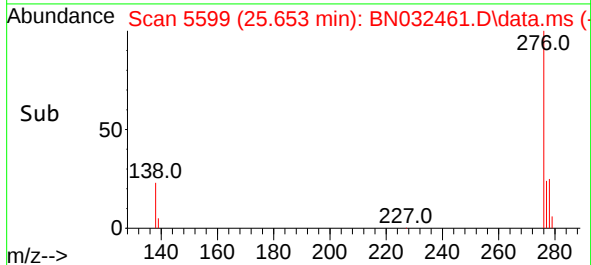
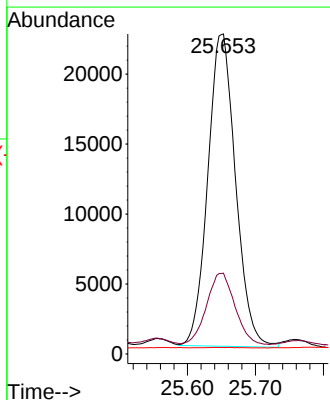
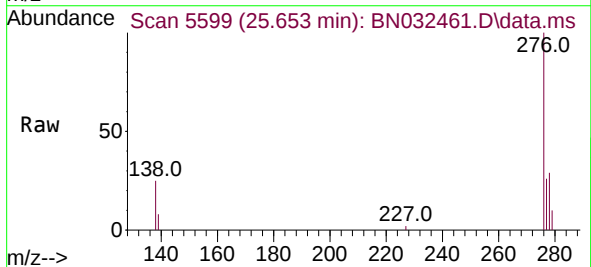
Manual Integrations
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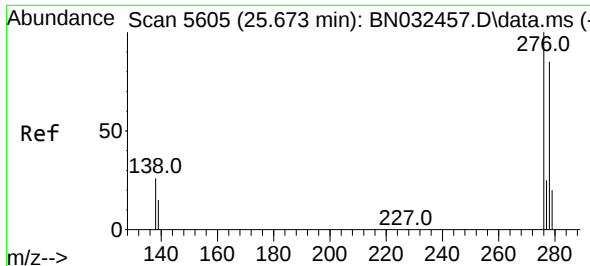
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.665 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

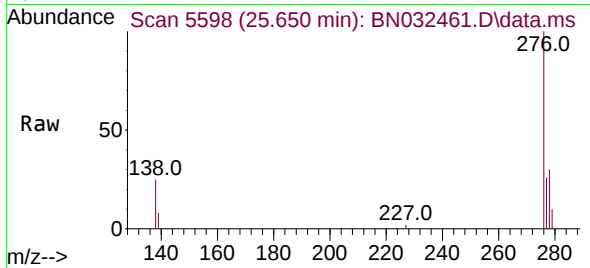
Tgt Ion:276 Resp: 63473
Ion Ratio Lower Upper
276 100
138 23.6 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 25.650 min Scan# 5598
Delta R.T. -0.017 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

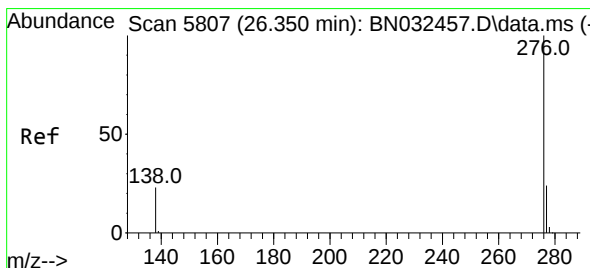
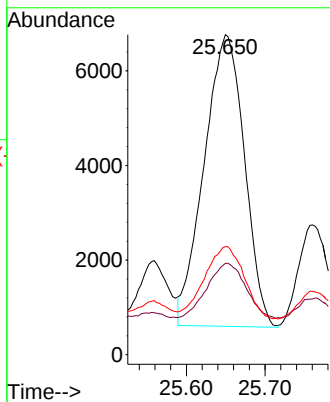
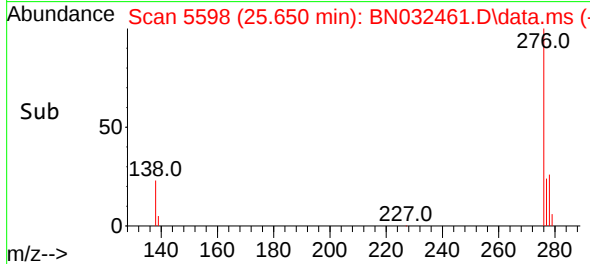
Instrument :
BNA_N
ClientSampleId :
A4CS7DL



Tgt Ion:278 Resp: 2197
Ion Ratio Lower Upper
278 100
139 28.5 15.9 23.9
279 33.7 21.1 31.7

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 26.340 min Scan# 5804
Delta R.T. -0.003 min
Lab File: BN032461.D
Acq: 04 Jul 2024 06:46

Tgt Ion:276 Resp: 9113
Ion Ratio Lower Upper
276 100
138 38.6 19.8 29.6#
277 37.2 19.8 29.6#

