

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032960.D
 Acq On : 24 Jul 2024 22:37
 Operator : MA/JU
 Sample : P3215-07DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:49:45 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	3961	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	13753	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.165	164	7610	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	14081	0.400	ng/ul	-0.03
17) Chrysene-d12	21.147	240	10388	0.400	ng/ul	-0.02
23) Perylene-d12	23.339	264	13477	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	2822	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	855	0.041	ng/ul	-0.03
18) Fluoranthene-d10	18.971	212	1341	0.040	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.338	128	15591	0.422	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	7230	0.314	ng/ul	97
8) 1-Methylnaphthalene	12.186	142	6406	0.269	ng/ul	99
10) Acenaphthylene	13.888	152	15777	0.513	ng/ul	98
11) Acenaphthene	14.230	153	24496	0.963	ng/ul	99
12) Fluorene	15.229	166	24654	0.848	ng/ul	100
15) Phenanthrene	16.970	178	357454	9.321	ng/ul	98
16) Anthracene	17.067	178	77819	2.484	ng/ul	99
19) Fluoranthene	19.004	202	436865	10.344	ng/ul	97
20) Pyrene	19.371	202	259243	5.930	ng/ul	98
21) Benzo(a)anthracene	21.130	228	205113	6.203	ng/ul	99
22) Chrysene	21.185	228	191285	3.999	ng/ul	98
24) Benzo(b)fluoranthene	22.681	252	243376m	5.118	ng/ul	
25) Benzo(k)fluoranthene	22.719	252	98720m	1.704	ng/ul	
26) Benzo(a)pyrene	23.246	252	69983	1.701	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.542	276	68138	1.223	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.536	278	32361	0.749	ng/ul	93
29) Benzo(g,h,i)perylene	26.223	276	8603	0.185	ng/ul#	73

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

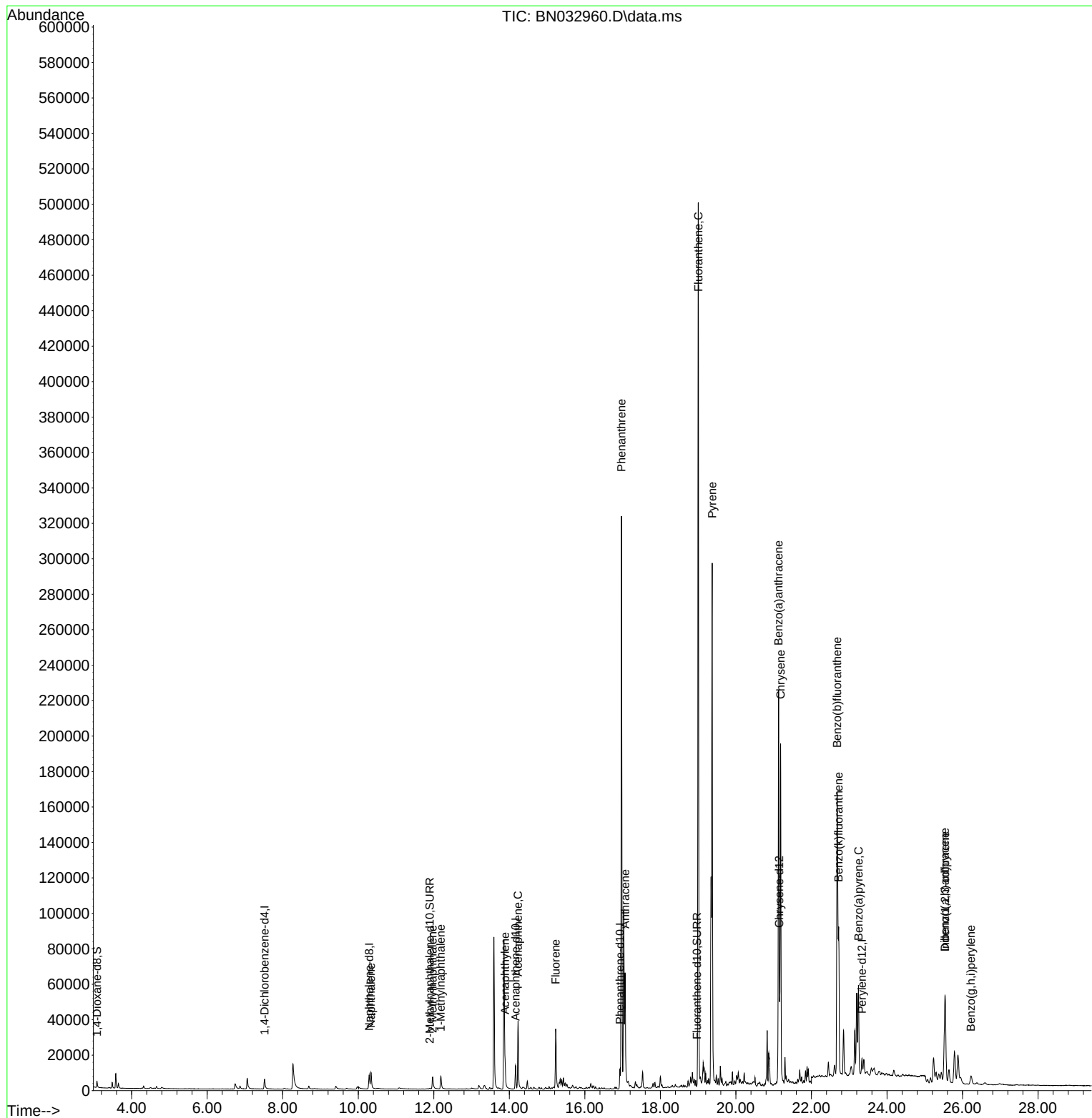
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032960.D
Acq On : 24 Jul 2024 22:37
Operator : MA/JU
Sample : P3215-07DL 5X
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ALS Vial : 72 Sample Multiplier: 1

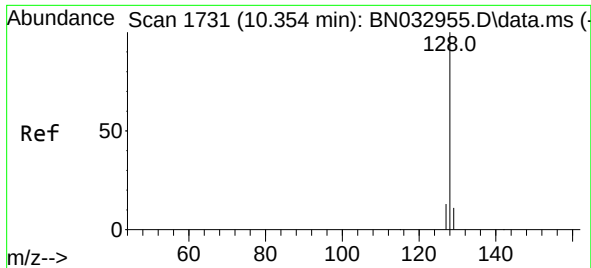
Instrument :
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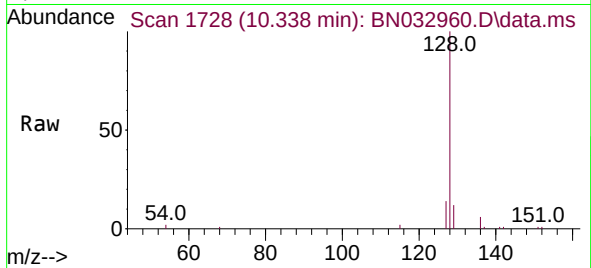
Quant Time: Jul 25 00:49:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

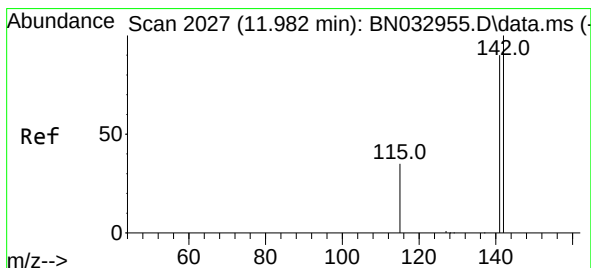
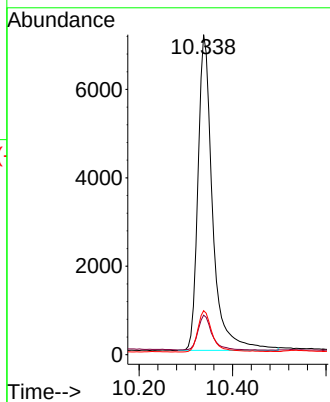
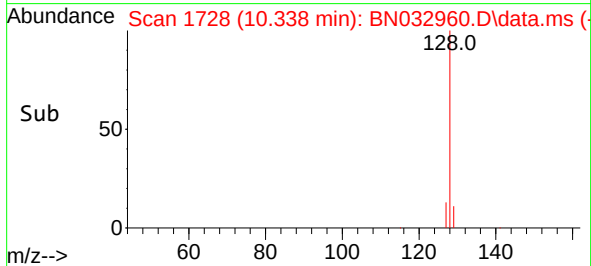
Instrument :
BNA_N
ClientSampleId :
A4C12DL



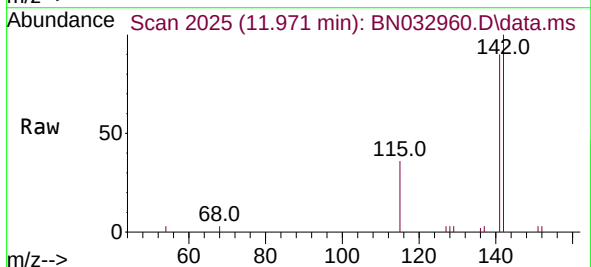
Tgt Ion:128 Resp: 1559
Ion Ratio Lower Upper
128 100
129 12.4 10.0 15.0
127 13.8 11.6 17.4

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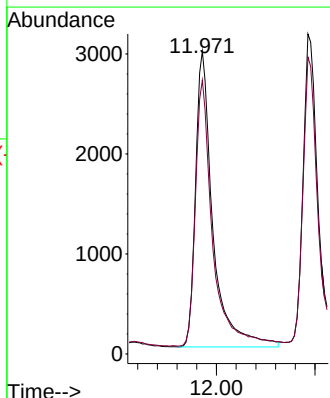
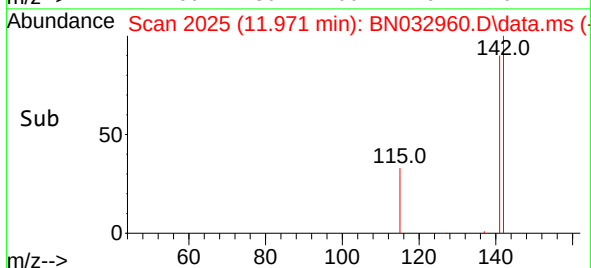
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

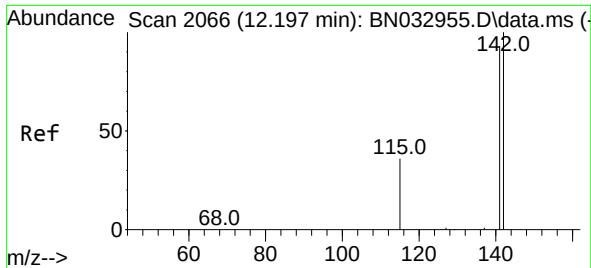


#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37



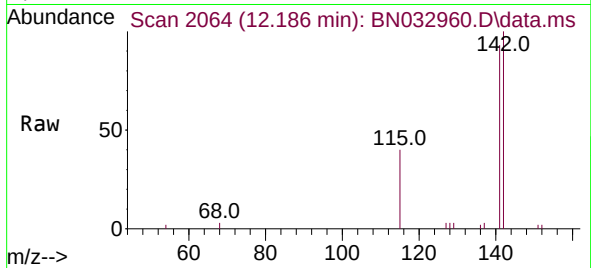
Tgt Ion:142 Resp: 7230
Ion Ratio Lower Upper
142 100
141 89.2 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.186 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

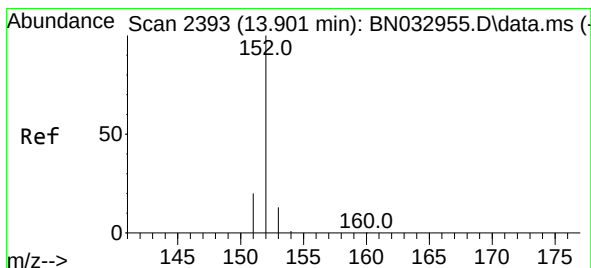
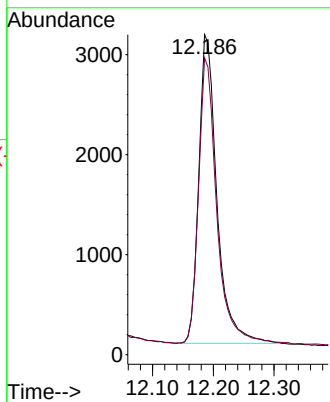
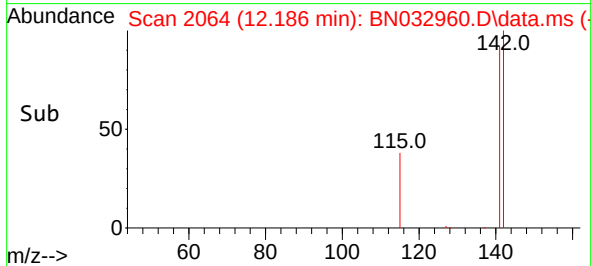
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:142 Resp: 6400
Ion Ratio Lower Upper
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141 92.4 75.0 112.4

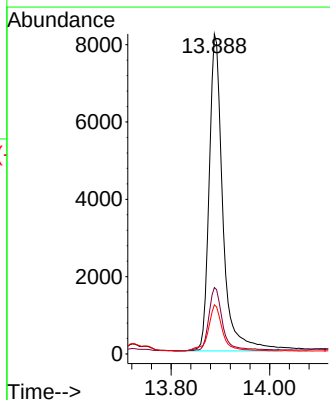
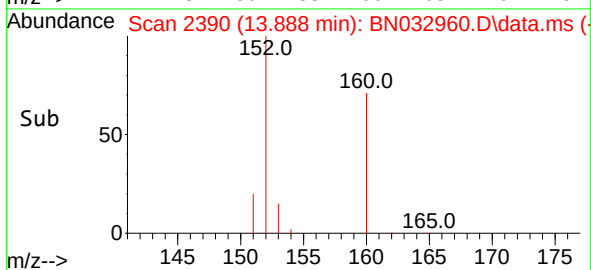
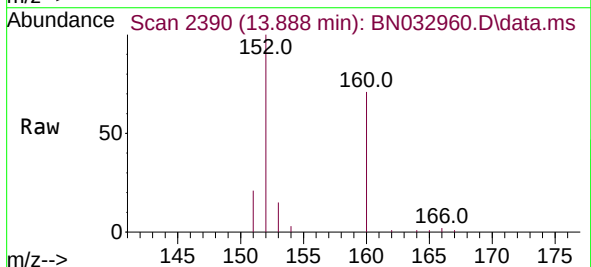
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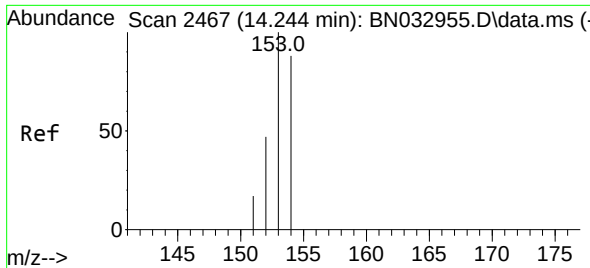
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.513 ng/ul
RT: 13.888 min Scan# 2390
Delta R.T. -0.026 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

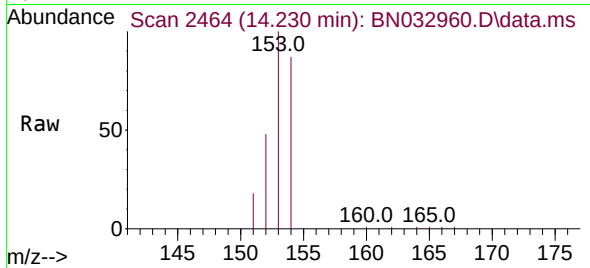
Tgt Ion:152 Resp: 15777
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 15.3 11.3 16.9





#11
Acenaphthene
Concen: 0.963 ng/ul
RT: 14.230 min Scan# 2467
Delta R.T. -0.021 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

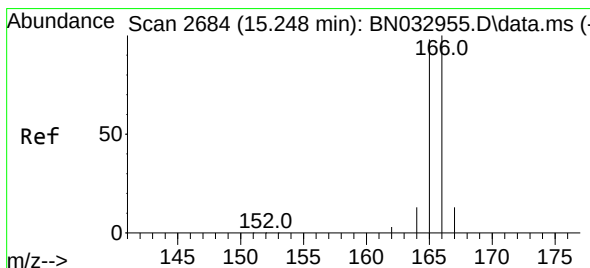
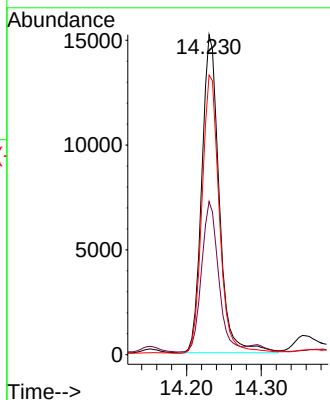
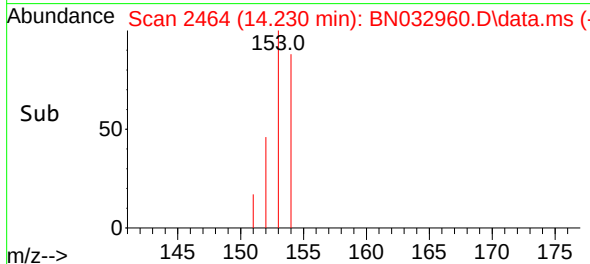
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:153 Resp: 24490
Ion Ratio Lower Upper
153 100
152 47.8 40.0 60.0
154 87.3 70.2 105.4

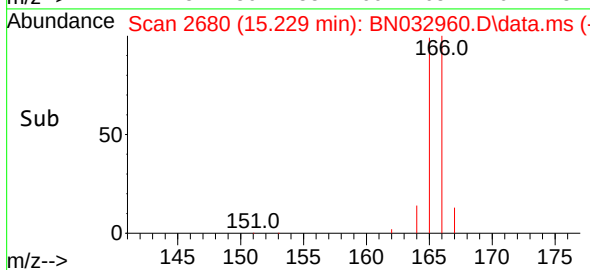
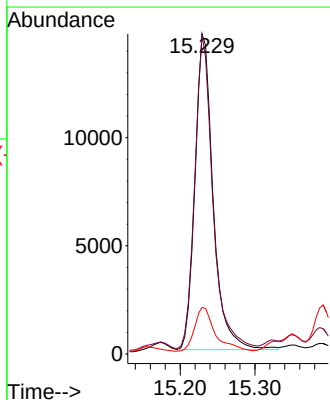
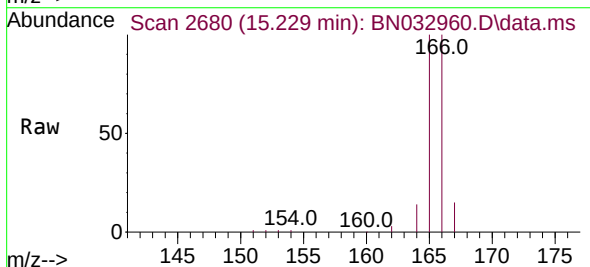
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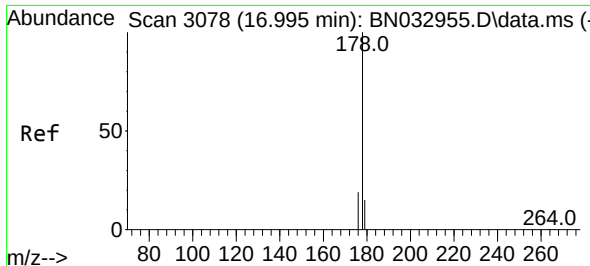
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.848 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

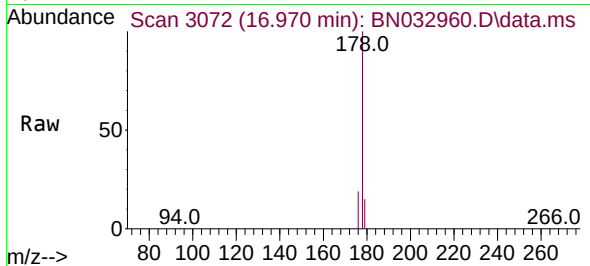
Tgt Ion:166 Resp: 24654
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 9.321 ng/u1
RT: 16.970 min Scan# 3072
Delta R.T. -0.032 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

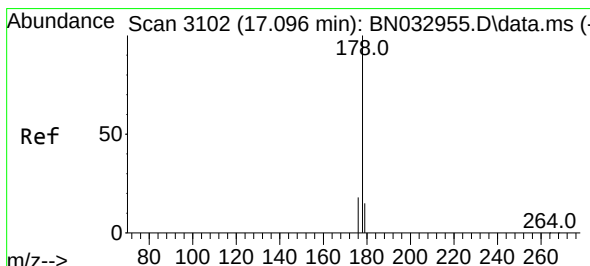
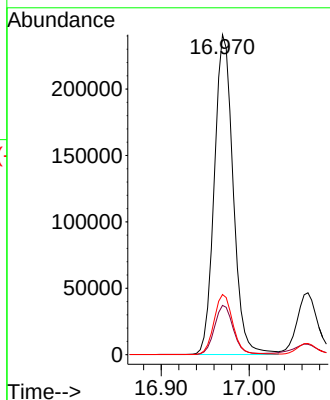
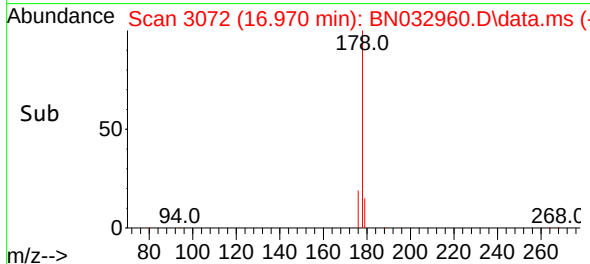
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:178 Resp: 357454
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.6 23.4

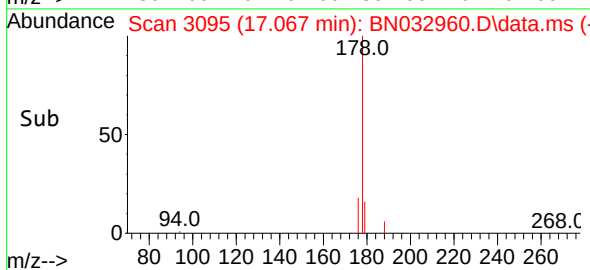
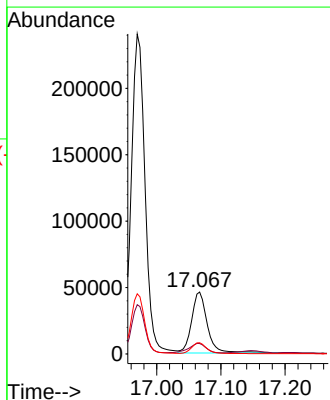
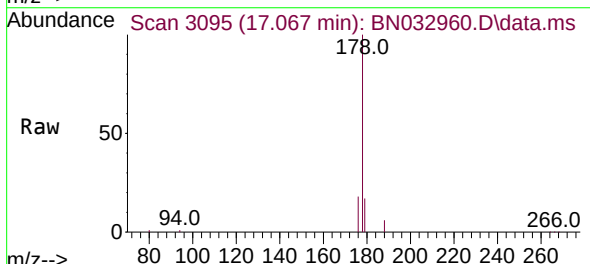
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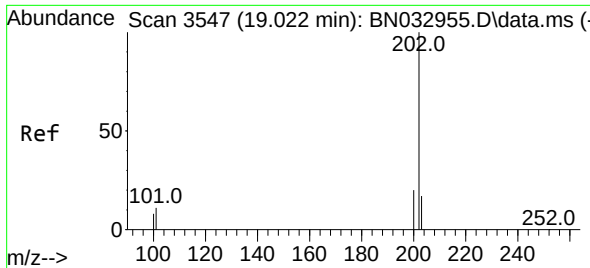
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 2.484 ng/u1
RT: 17.067 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

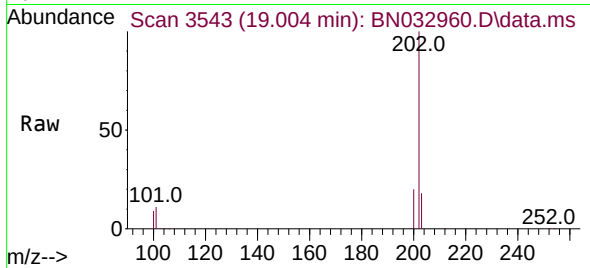
Tgt Ion:178 Resp: 77819
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 18.2 15.4 23.0





#19
Fluoranthene
Concen: 10.344 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

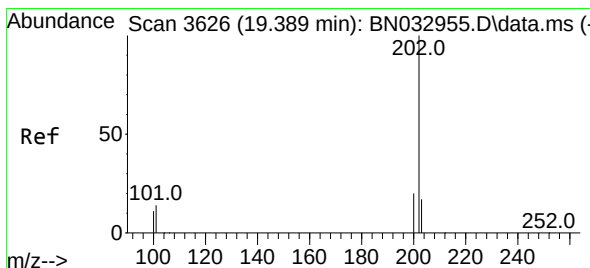
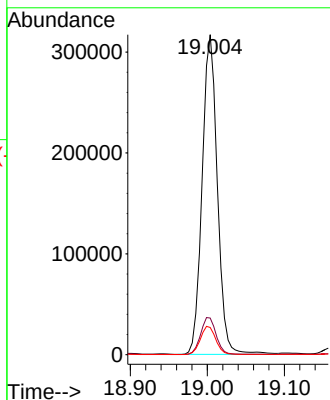
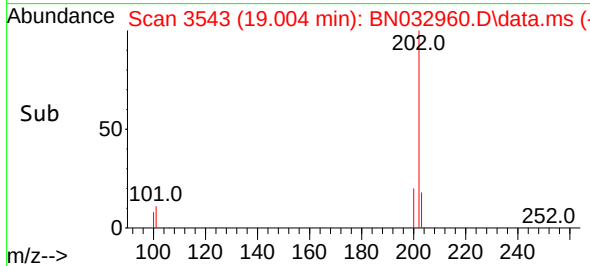
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:202 Resp: 43686
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

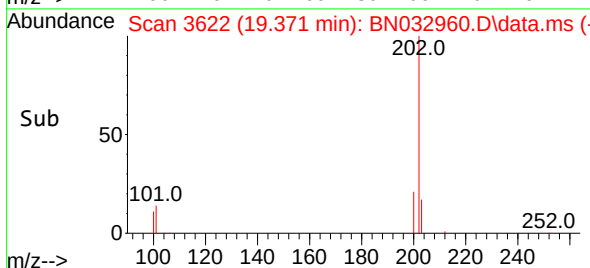
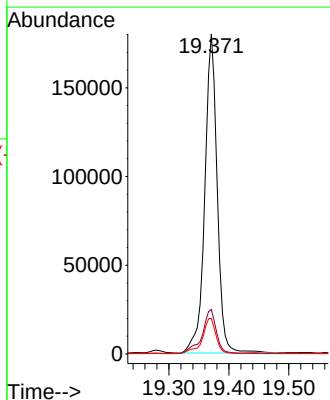
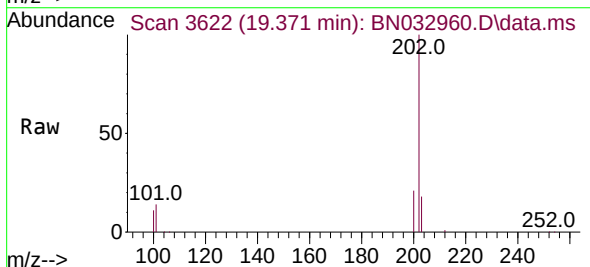
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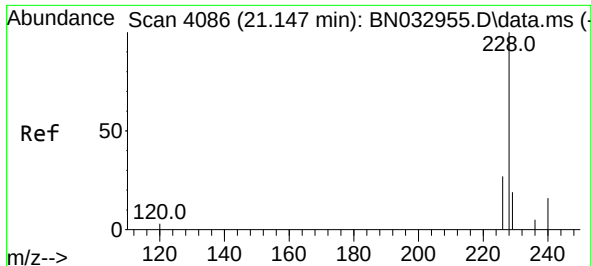
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 5.930 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

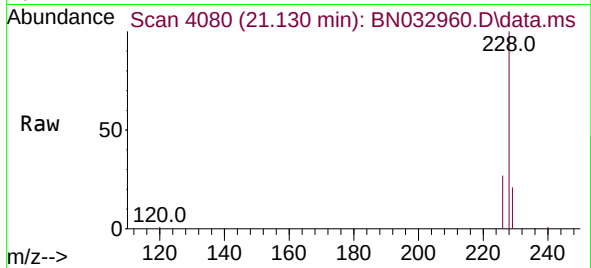
Tgt Ion:202 Resp: 259243
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 6.203 ng/u1
RT: 21.130 min Scan# 4086
Delta R.T. -0.021 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

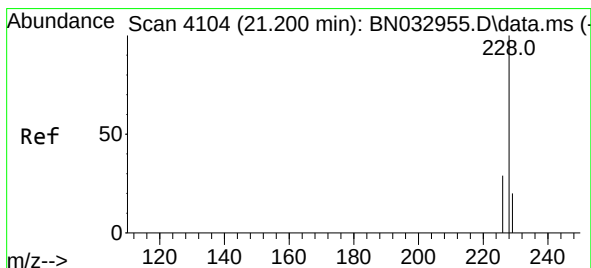
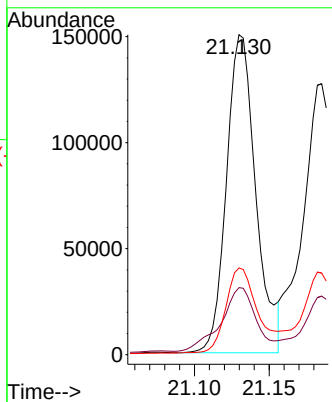
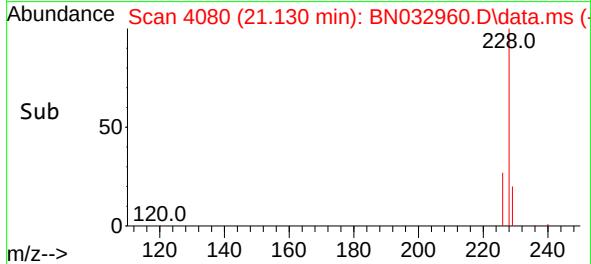
Instrument :
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Tgt Ion:228 Resp: 205111
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.1 21.9 32.9

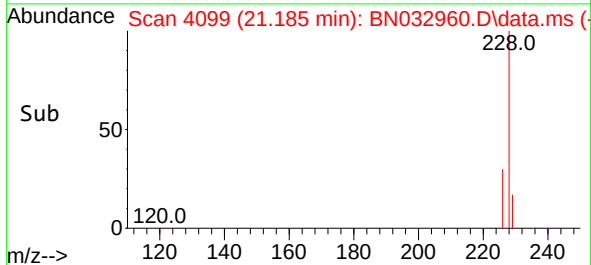
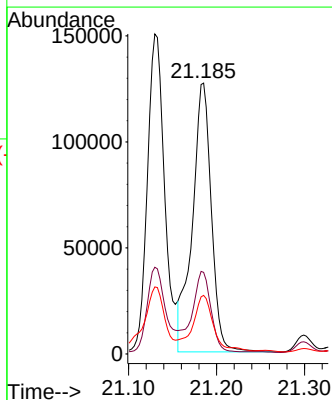
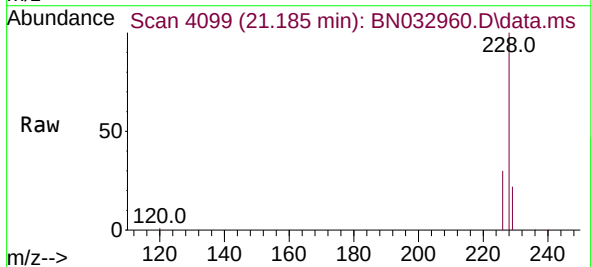
Manual Integrations
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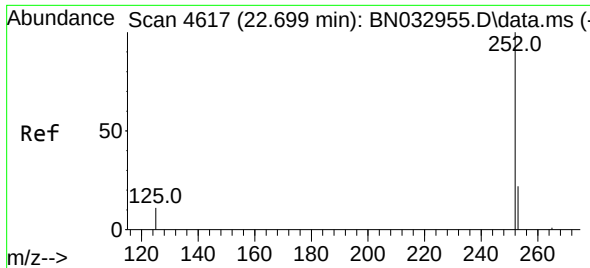
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 3.999 ng/u1
RT: 21.185 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

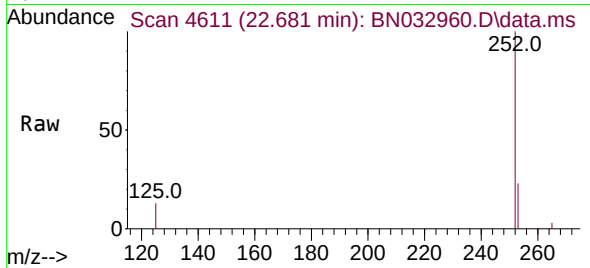
Tgt Ion:228 Resp: 191285
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.118 ng/ul m
RT: 22.681 min Scan# 4611
Delta R.T. -0.018 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

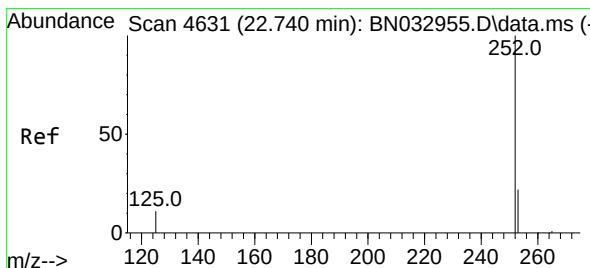
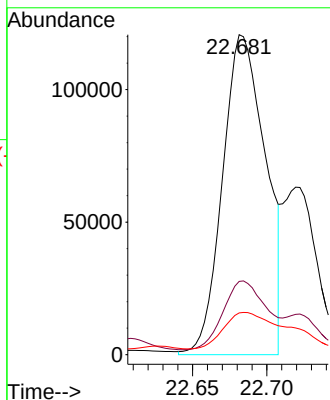
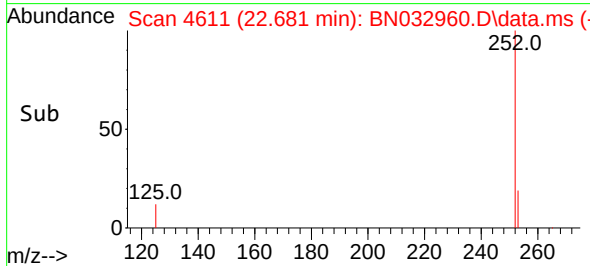
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:252 Resp: 243370
Ion Ratio Lower Upper
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253 22.9 0.0 54.0
125 13.1 0.0 36.0

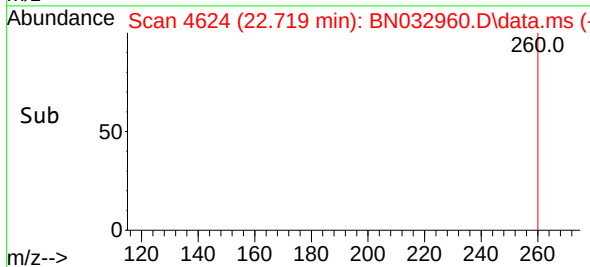
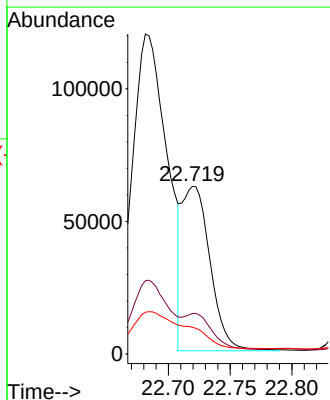
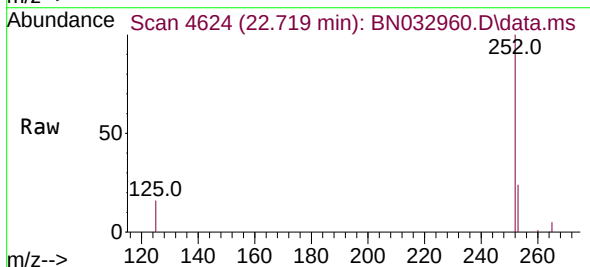
Manual Integrations
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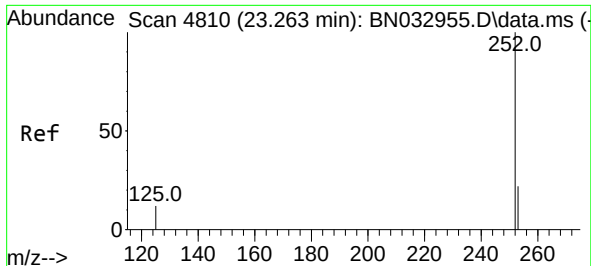
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 1.704 ng/ul m
RT: 22.719 min Scan# 4624
Delta R.T. -0.021 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

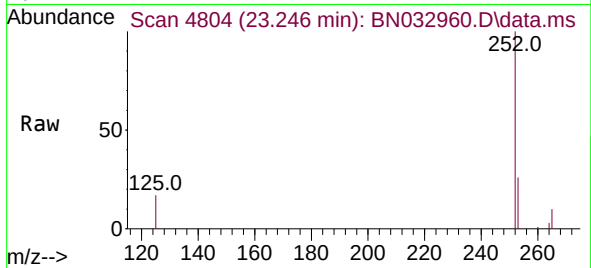
Tgt Ion:252 Resp: 98720
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 15.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.701 ng/ul
RT: 23.246 min Scan# 4810
Delta R.T. -0.018 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

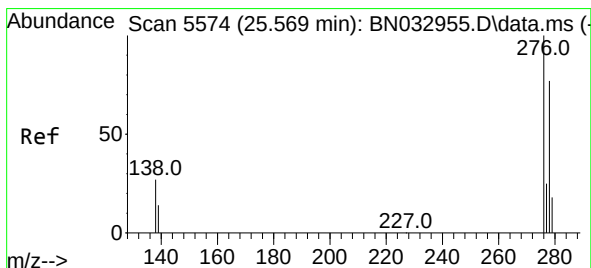
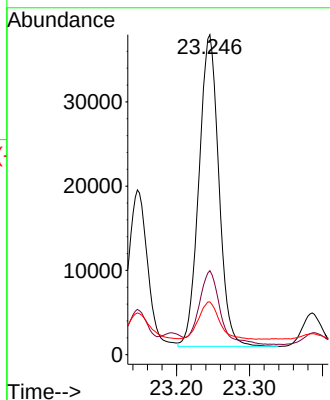
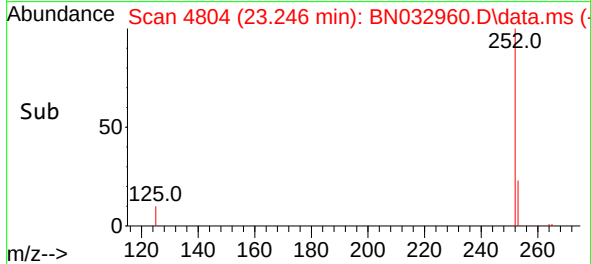
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:252 Resp: 6998
Ion Ratio Lower Upper
252 100
253 26.2 25.4 38.0
125 16.5 20.6 30.8

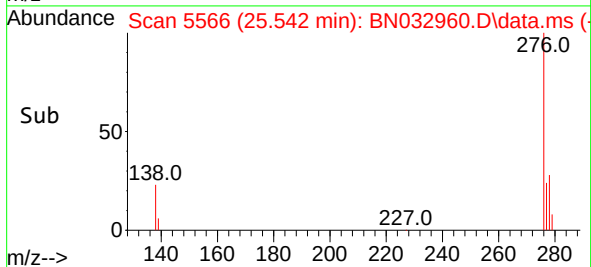
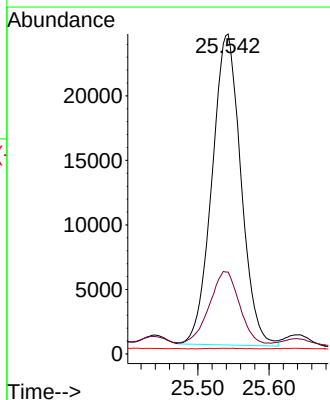
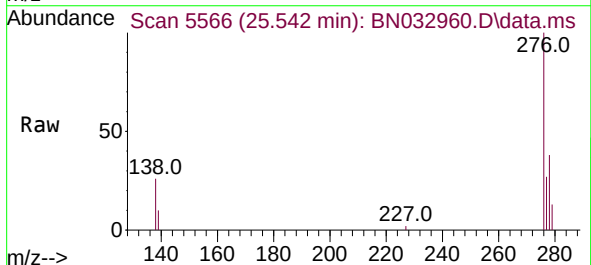
Manual Integrations
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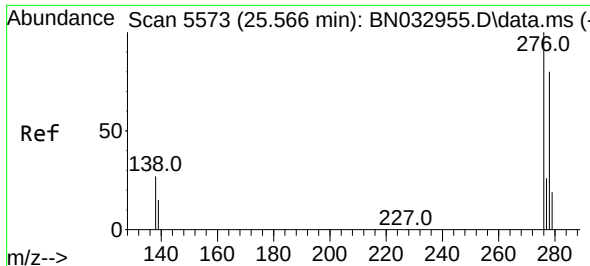
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.223 ng/ul
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

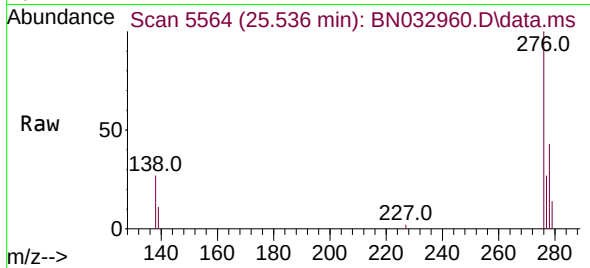
Tgt Ion:276 Resp: 68138
Ion Ratio Lower Upper
276 100
138 24.2 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.749 ng/ul
RT: 25.536 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

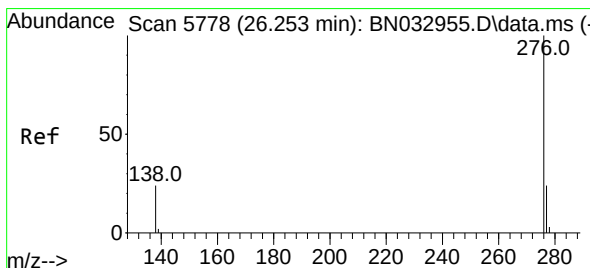
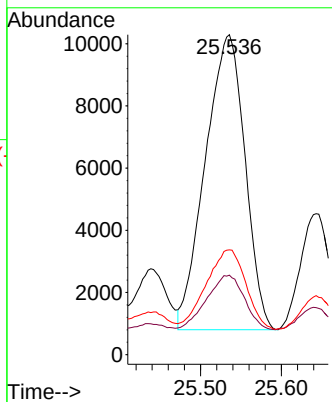
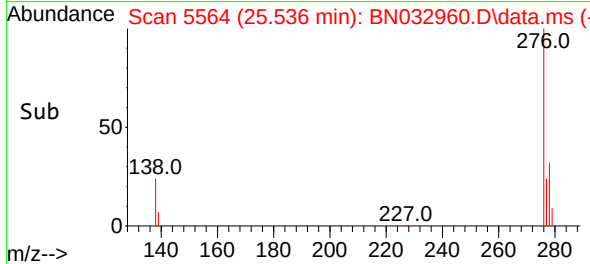
Instrument :
BNA_N
ClientSampleId :
A4C12DL



Tgt Ion:278 Resp: 3236
Ion Ratio Lower Upper
278 100
139 24.8 16.6 24.8
279 32.8 23.7 35.5

Manual Integrations
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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul
RT: 26.223 min Scan# 5769
Delta R.T. -0.027 min
Lab File: BN032960.D
Acq: 24 Jul 2024 22:37

Tgt Ion:276 Resp: 8603
Ion Ratio Lower Upper
276 100
138 41.2 21.0 31.4#
277 38.4 20.6 31.0#

