

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032415.D
 Acq On : 02 Jul 2024 23:48
 Operator : MA/JU
 Sample : P2871-01DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 00:38:20 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	9375	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.380	136	29167	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	16073	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	27964	0.400	ng/ul	-0.02
17) Chrysene-d12	21.204	240	21774	0.400	ng/ul	-0.02
23) Perylene-d12	23.420	264	26090	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	10344	0.993	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	3291	0.075	ng/ul	-0.02
18) Fluoranthene-d10	19.039	212	5405	0.082	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.430	128	6198	0.080	ng/ul#	95
7) 2-Methylnaphthalene	12.052	142	2457	0.048	ng/ul	97
8) 1-Methylnaphthalene	12.278	142	1820	0.034	ng/ul	100
10) Acenaphthylene	13.969	152	5909	0.088	ng/ul#	93
11) Acenaphthene	14.312	153	5099	0.098	ng/ul	98
12) Fluorene	15.306	166	5844	0.095	ng/ul#	99
15) Phenanthrene	17.048	178	121267	1.582	ng/ul	99
16) Anthracene	17.137	178	25002	0.366	ng/ul	98
19) Fluoranthene	19.072	202	262722	3.169	ng/ul	99
20) Pyrene	19.434	202	194876	2.249	ng/ul	99
21) Benzo(a)anthracene	21.190	228	109288	1.391	ng/ul	98
22) Chrysene	21.242	228	112194	1.301	ng/ul	97
24) Benzo(b)fluoranthene	22.756	252	151985m	1.341	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	62070m	0.564	ng/ul	
26) Benzo(a)pyrene	23.323	252	66175	0.839	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.651	276	55247	0.447	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.651	278	18348	0.200	ng/ul#	81
29) Benzo(g,h,i)perylene	26.342	276	9010	0.092	ng/ul#	72

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

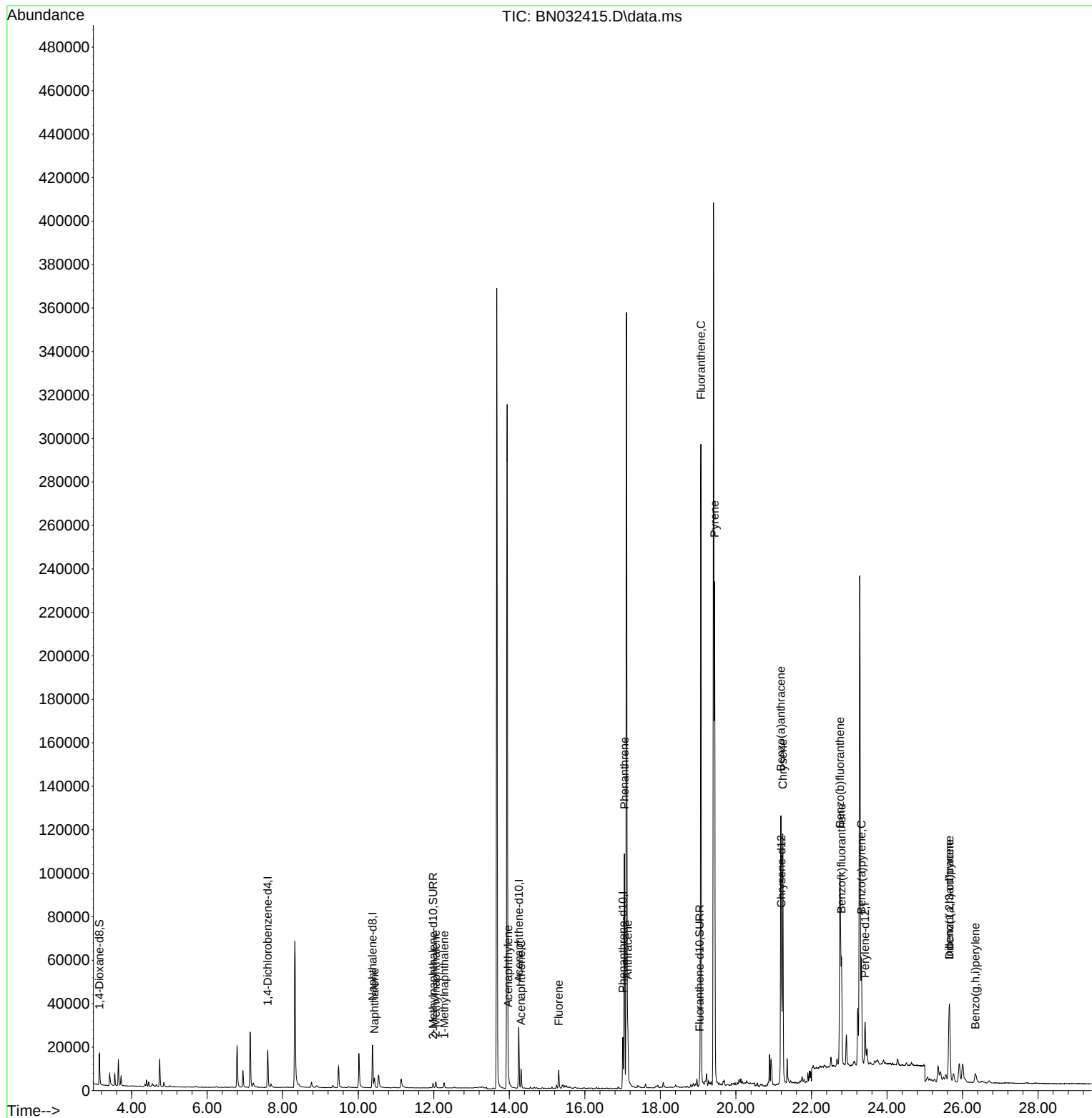
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032415.D
Acq On : 02 Jul 2024 23:48
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ALS Vial : 62 Sample Multiplier: 1

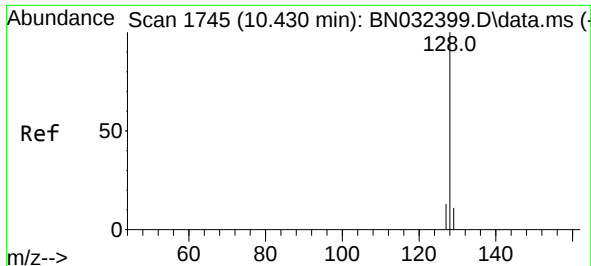
Instrument :
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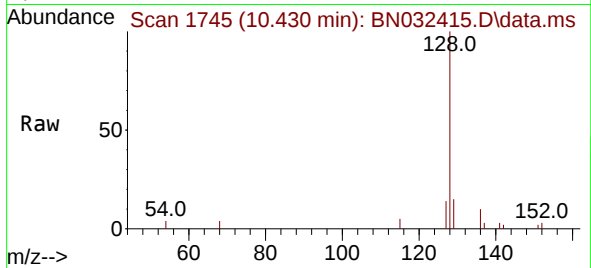
Quant Time: Jul 03 00:38:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.430 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

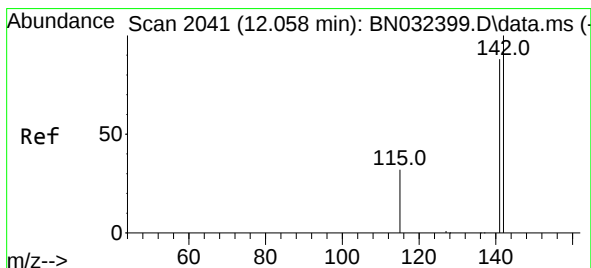
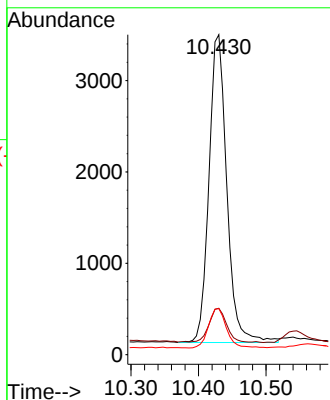
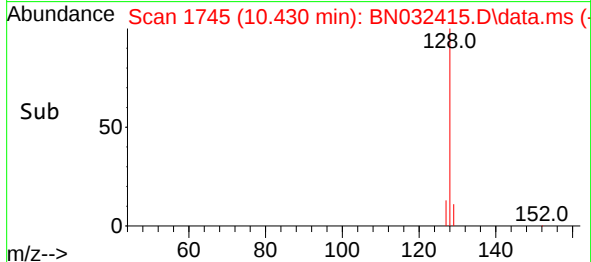
Instrument :
BNA_N
ClientSampleId :
A4C66DL



Tgt Ion:128 Resp: 6198
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 14.4 10.8 16.2

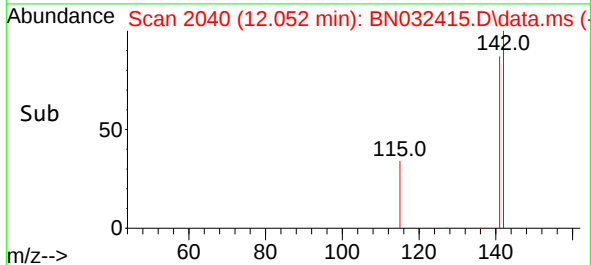
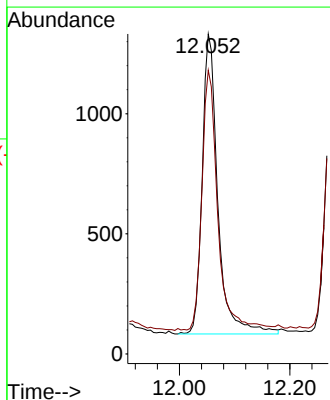
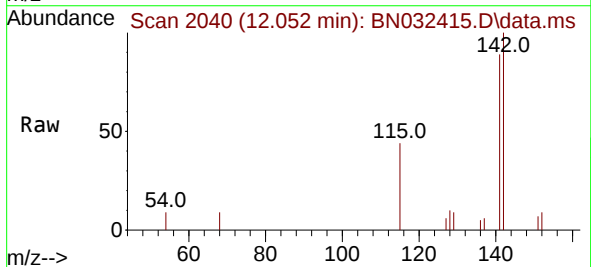
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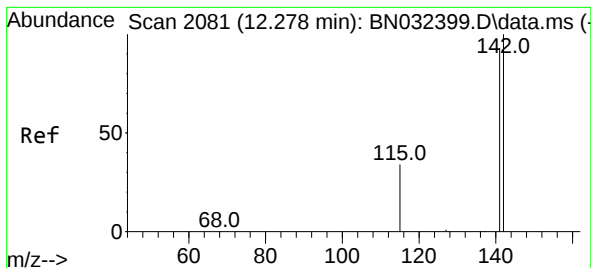
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

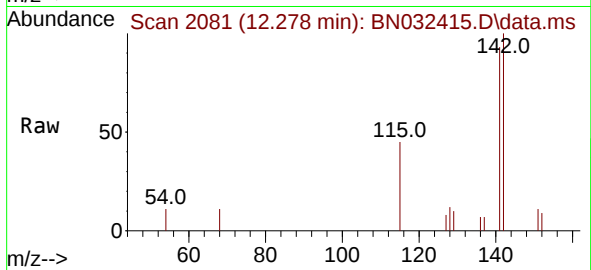
Tgt Ion:142 Resp: 2457
Ion Ratio Lower Upper
142 100
141 87.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

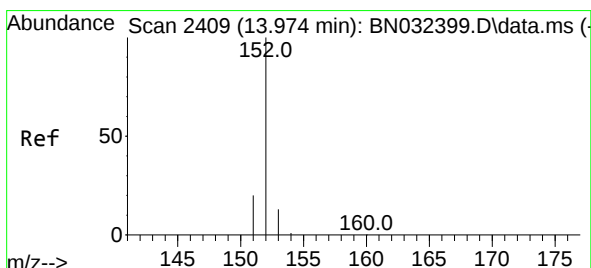
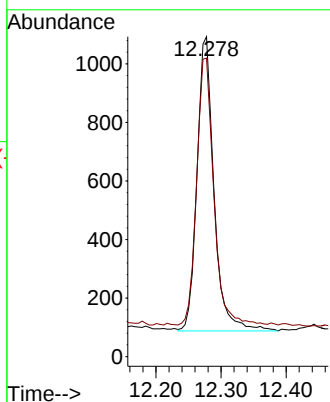
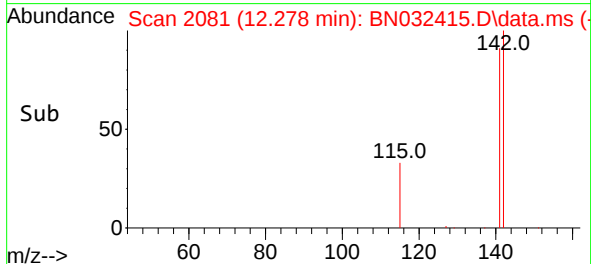
Instrument :
BNA_N
ClientSampleId :
A4C66DL



Tgt Ion:142 Resp: 1820
Ion Ratio Lower Upper
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141 91.3 73.4 110.0

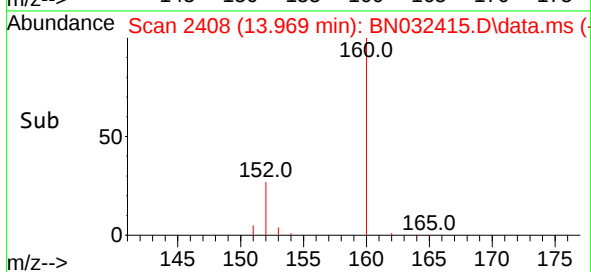
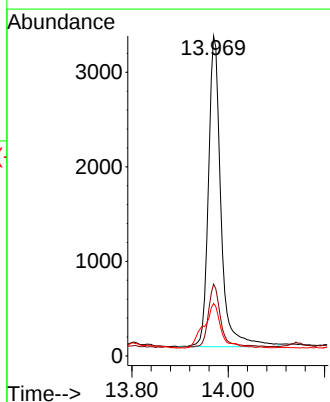
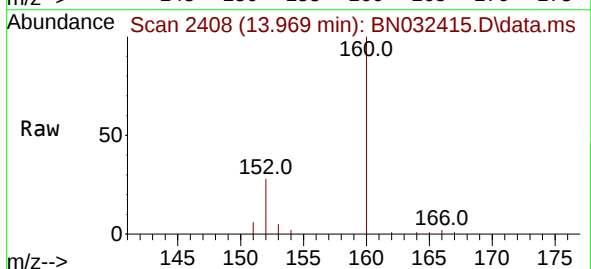
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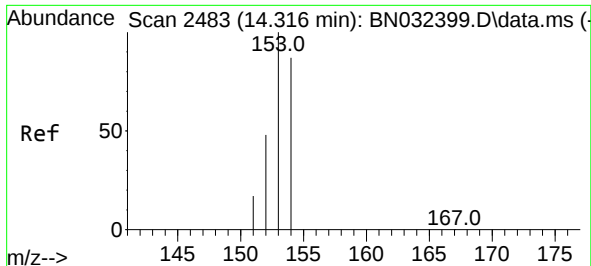
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.969 min Scan# 2408
Delta R.T. -0.020 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

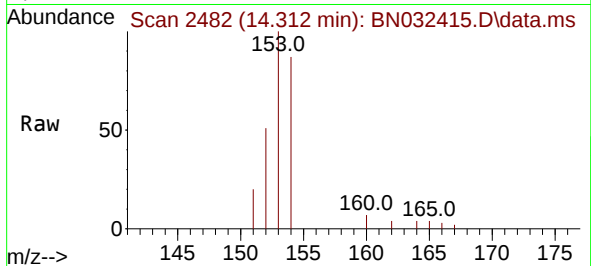
Tgt Ion:152 Resp: 5909
Ion Ratio Lower Upper
152 100
151 22.5 15.7 23.5
153 16.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.312 min Scan# 2482
Delta R.T. -0.020 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

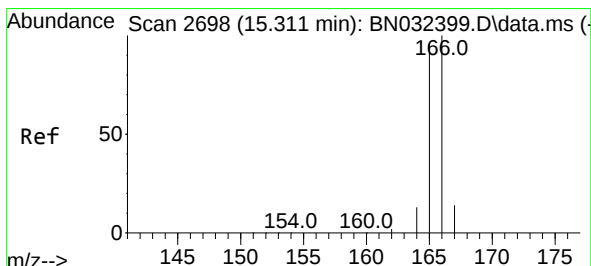
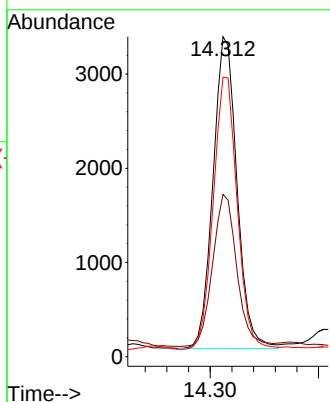
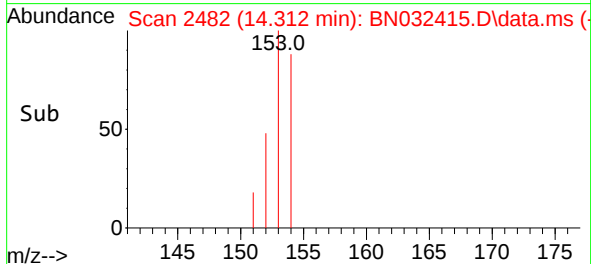
Instrument :
BNA_N
ClientSampleId :
A4C66DL



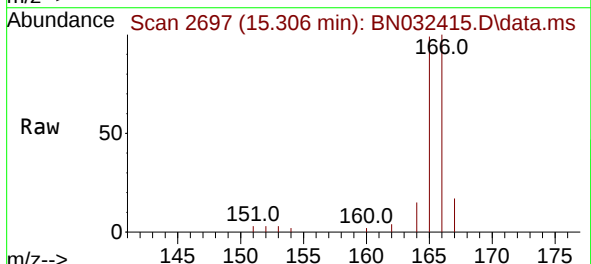
Tgt Ion:153 Resp: 5099
Ion Ratio Lower Upper
153 100
152 50.8 39.5 59.3
154 87.4 71.7 107.5

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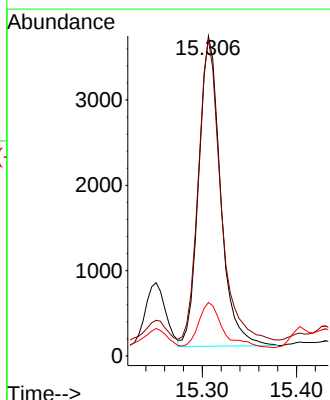
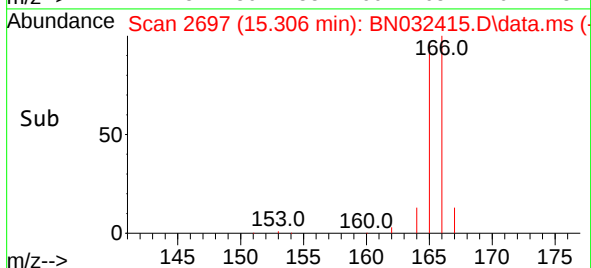
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

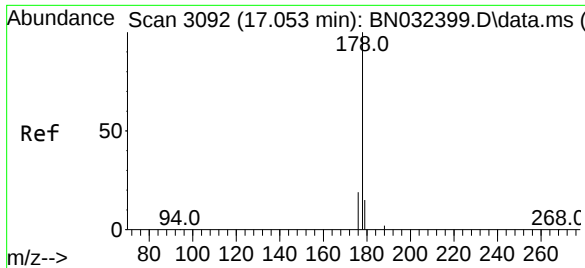


#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.306 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48



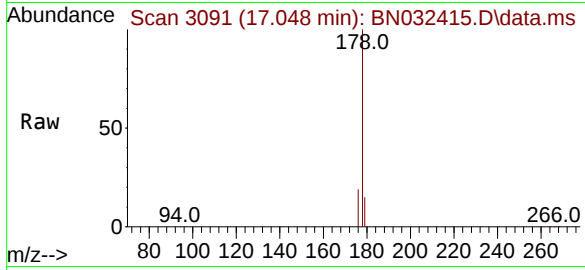
Tgt Ion:166 Resp: 5844
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 16.7 11.0 16.6#





#15
Phenanthrene
Concen: 1.582 ng/ul
RT: 17.048 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

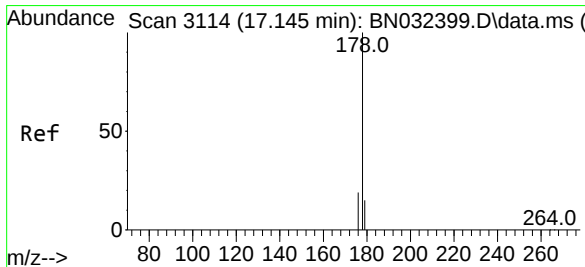
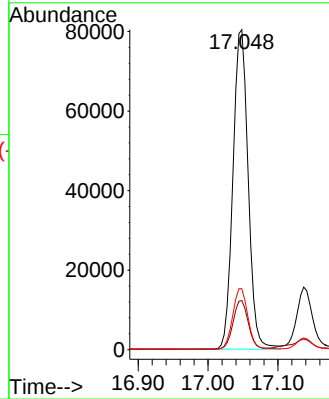
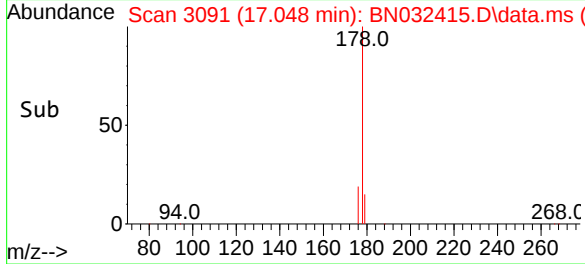
Instrument :
BNA_N
ClientSampleId :
A4C66DL



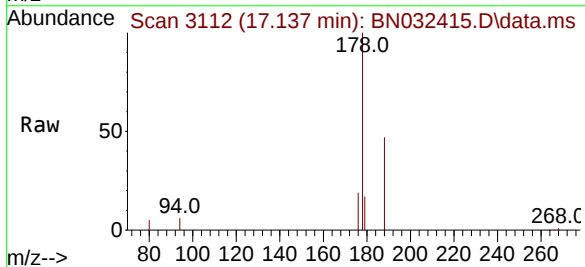
Tgt Ion:178 Resp: 12126
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

Manual Integrations
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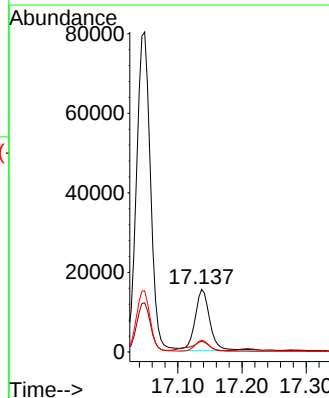
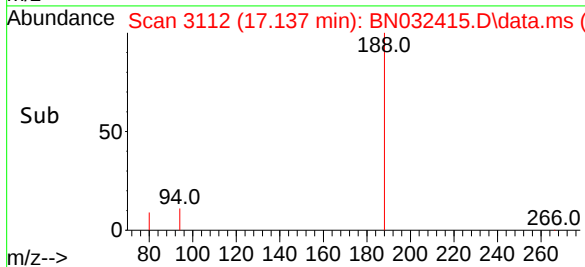
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

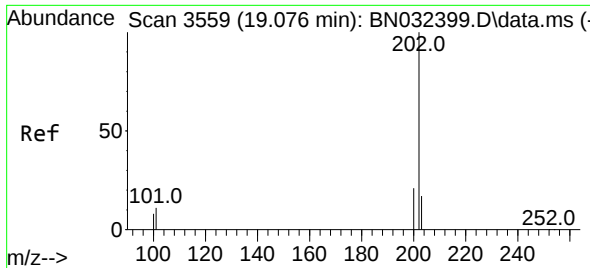


#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.137 min Scan# 3112
Delta R.T. -0.023 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48



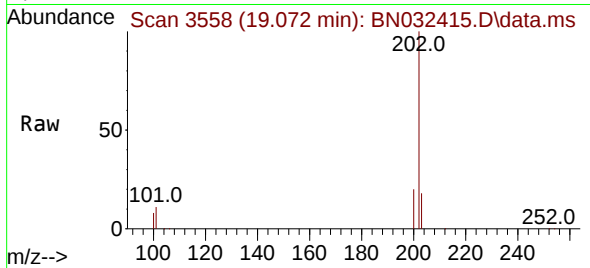
Tgt Ion:178 Resp: 25002
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 3.169 ng/ul
RT: 19.072 min Scan# 3559
Delta R.T. -0.020 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

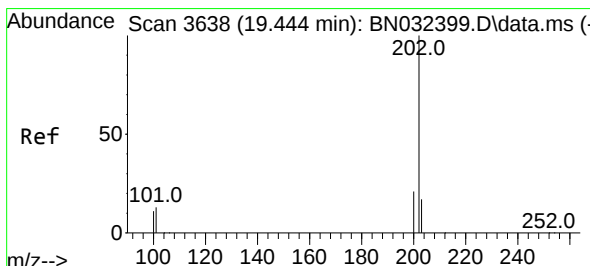
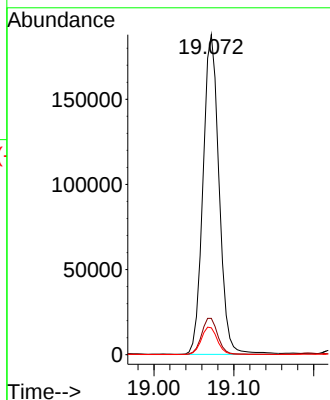
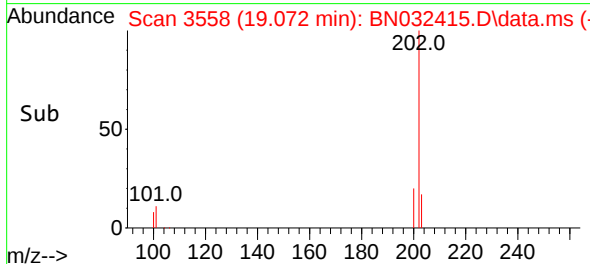
Instrument :
BNA_N
ClientSampleId :
A4C66DL



Tgt Ion:202 Resp: 26272
Ion Ratio Lower Upper
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101 11.4 8.8 13.2
100 8.4 6.4 9.6

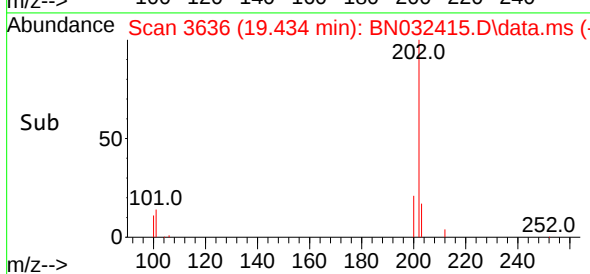
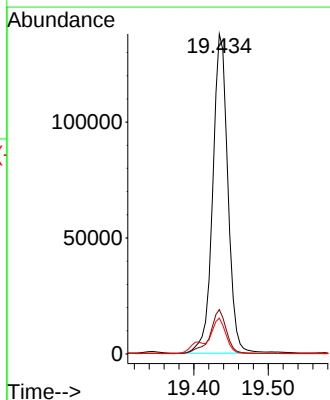
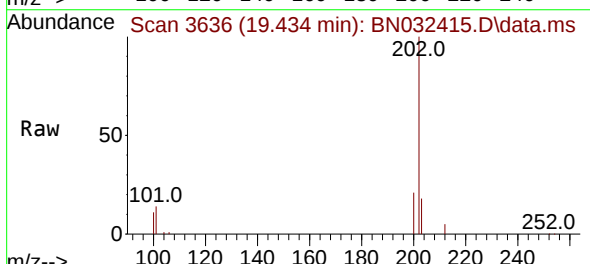
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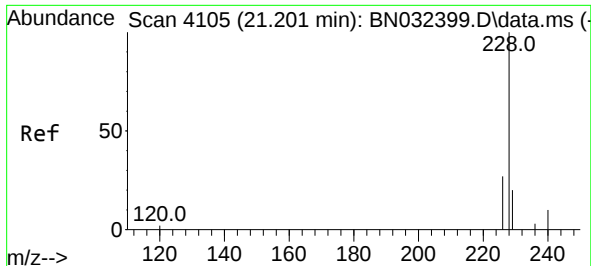
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 2.249 ng/ul
RT: 19.434 min Scan# 3636
Delta R.T. -0.020 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

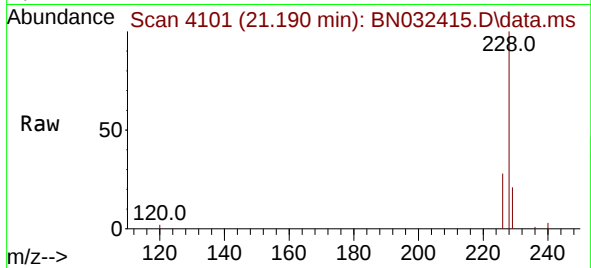
Tgt Ion:202 Resp: 194876
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.391 ng/ul
RT: 21.190 min Scan# 4110
Delta R.T. -0.025 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

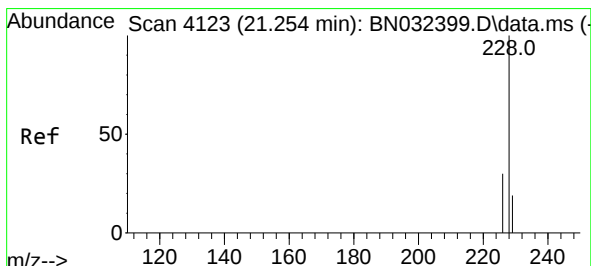
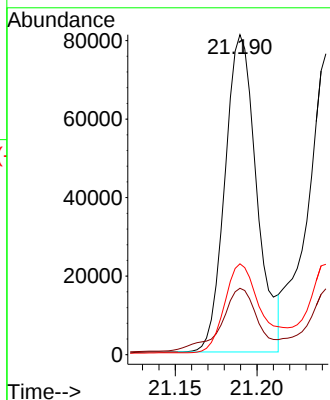
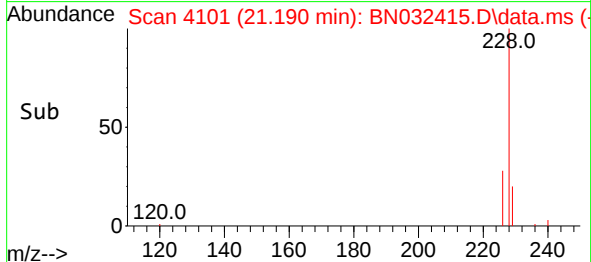
Instrument :
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A4C66DL



Tgt Ion:228 Resp: 109288
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.4 21.8 32.8

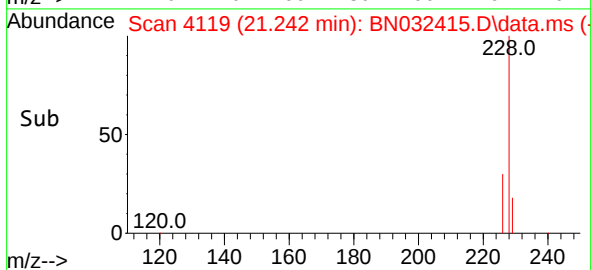
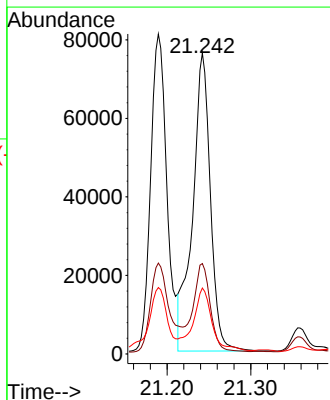
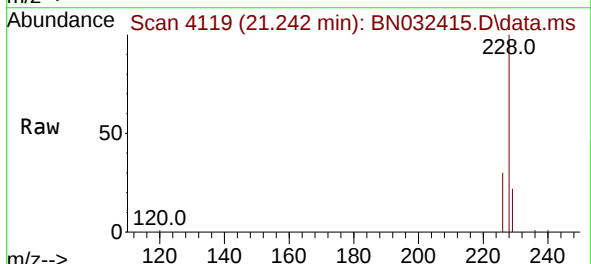
Manual Integrations
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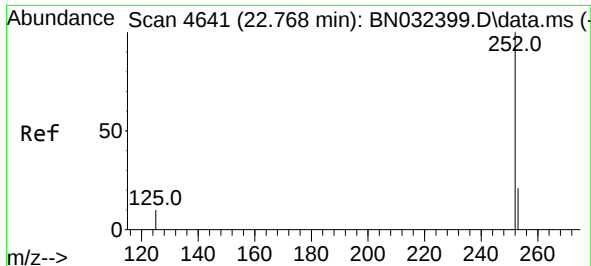
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.301 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.025 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

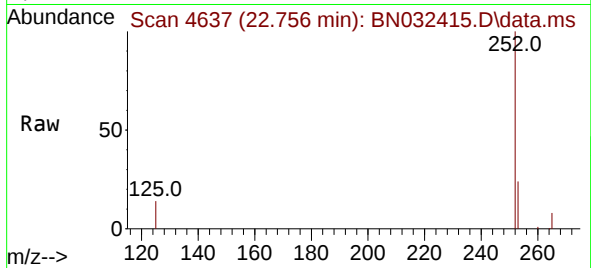
Tgt Ion:228 Resp: 112194
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.341 ng/ul m
RT: 22.756 min Scan# 4637
Delta R.T. -0.028 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

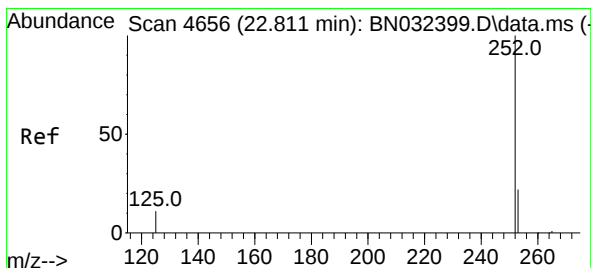
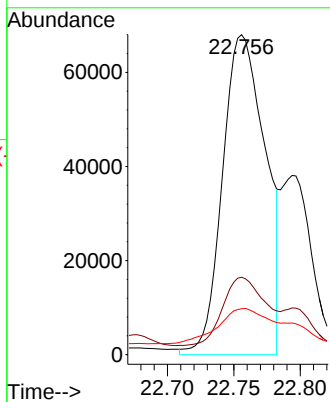
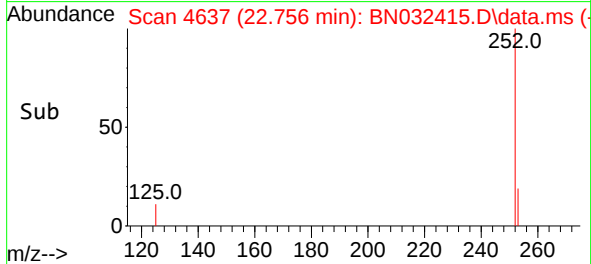
Instrument :
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Tgt Ion:252 Resp: 15198
Ion Ratio Lower Upper
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253 24.2 0.0 50.2
125 14.4 0.0 32.0

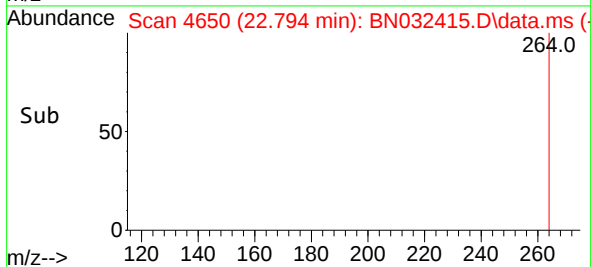
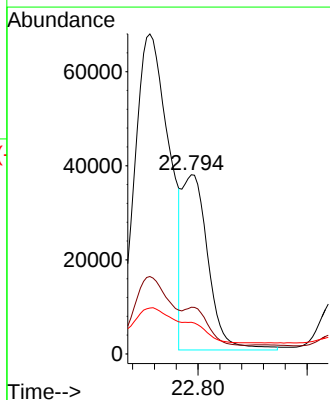
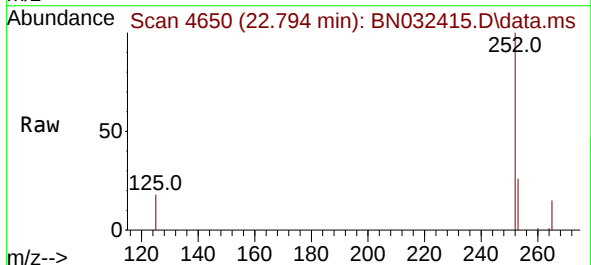
Manual Integrations
APPROVED

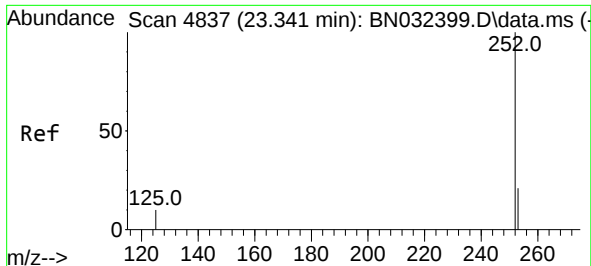
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.564 ng/ul m
RT: 22.794 min Scan# 4650
Delta R.T. -0.034 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

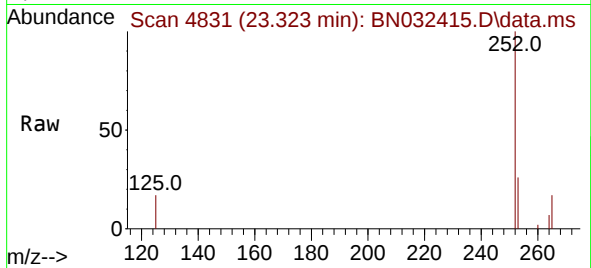
Tgt Ion:252 Resp: 62070
Ion Ratio Lower Upper
252 100
253 26.0 20.3 30.5
125 17.6 12.8 19.2





#26
Benzo(a)pyrene
Concen: 0.839 ng/ul
RT: 23.323 min Scan# 4831
Delta R.T. -0.037 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

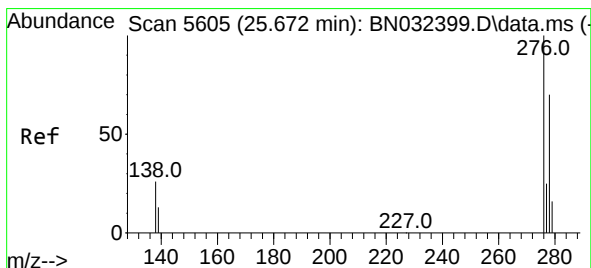
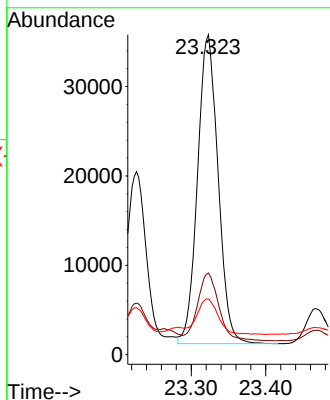
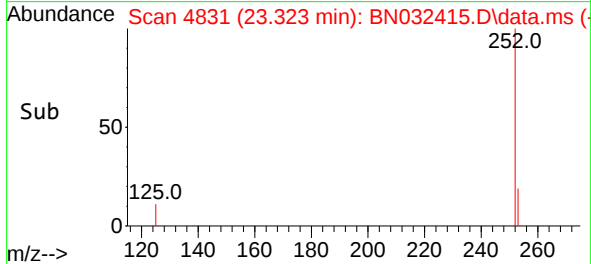
Instrument :
BNA_N
ClientSampleId :
A4C66DL



Tgt Ion:252 Resp: 6617
Ion Ratio Lower Upper
252 100
253 25.5 22.2 33.2
125 17.4 16.4 24.6

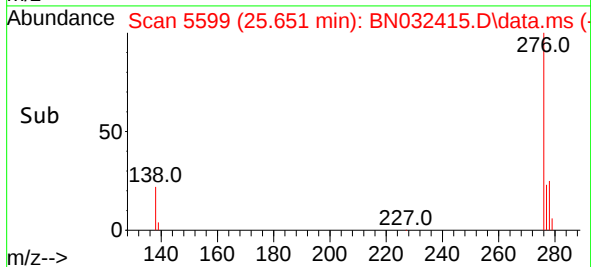
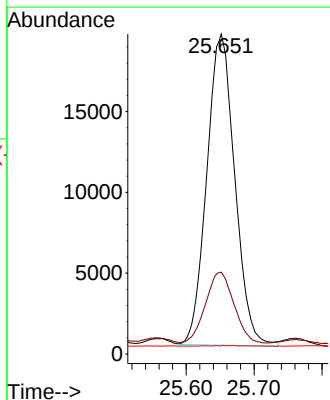
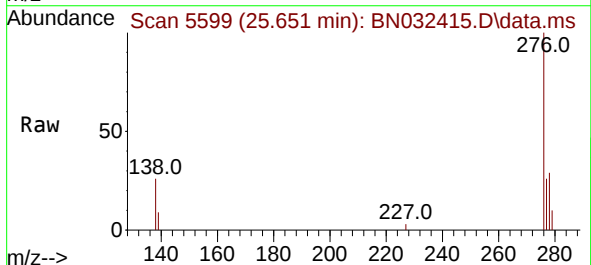
Manual Integrations
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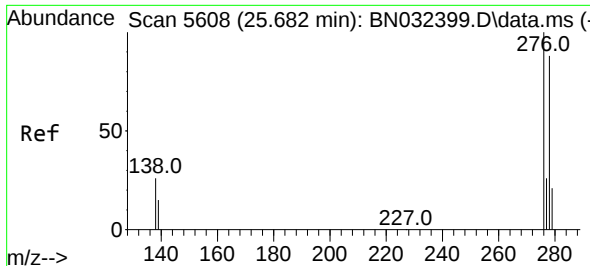
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.651 min Scan# 5599
Delta R.T. -0.048 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

Tgt Ion:276 Resp: 55247
Ion Ratio Lower Upper
276 100
138 23.1 21.3 31.9
227 0.2 0.1 0.1#





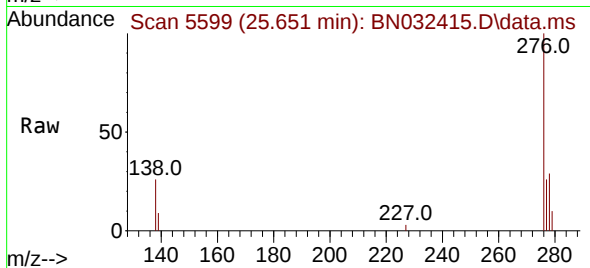
#28
Dibenzo(a,h)anthracene
Concen: 0.200 ng/ul
RT: 25.651 min Scan# 51
Delta R.T. -0.059 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48

Instrument :

BNA_N

ClientSampleId :

A4C66DL



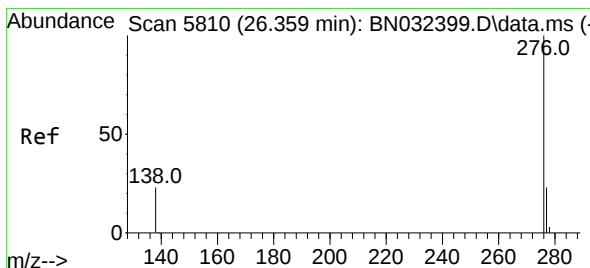
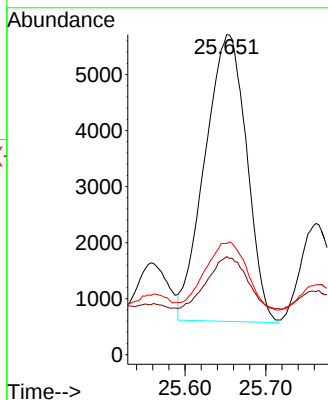
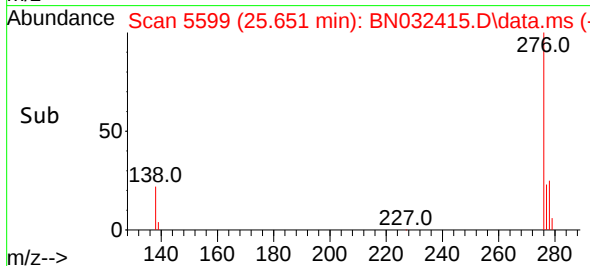
Tgt Ion:278 Resp: 1834
Ion Ratio Lower Upper
278 100
139 30.6 15.9 23.9#
279 34.8 21.1 31.7#

Manual Integrations

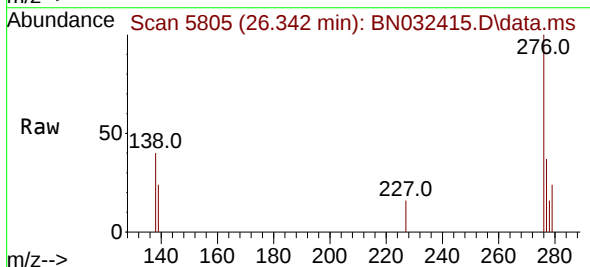
APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.342 min Scan# 5805
Delta R.T. -0.038 min
Lab File: BN032415.D
Acq: 02 Jul 2024 23:48



Tgt Ion:276 Resp: 9010
Ion Ratio Lower Upper
276 100
138 39.7 19.8 29.6#
277 37.5 19.8 29.6#

