

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032443.D
 Acq On : 03 Jul 2024 19:23
 Operator : MA/JU
 Sample : P2963-24MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:49:38 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	7.603	152	4097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	13378	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.249	164	8589	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	18587	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.212	240	12239	0.400	ng/ul	# 0.00
23) Perylene-d12	23.430	264	17392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2189	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6423	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	15261	0.414	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.177	88	6098	1.176	ng/ul#	82
5) Naphthalene	10.426	128	77180	2.180	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	33929	1.446	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	23031	0.946	ng/ul	99
10) Acenaphthylene	13.971	152	136854	3.831	ng/ul	100
11) Acenaphthene	14.309	153	35896	1.295	ng/ul	98
12) Fluorene	15.303	166	47645	1.442	ng/ul	99
14) Pentachlorophenol	16.666	266	5247	1.248	ng/ul	99
15) Phenanthrene	17.046	178	804181	15.781	ng/ul	99
16) Anthracene	17.138	178	206151	4.536	ng/ul	99
19) Fluoranthene	19.073	202	1486392	31.893	ng/ul	99
20) Pyrene	19.440	202	1106748	22.724	ng/ul	98
21) Benzo(a)anthracene	21.194	228	680342	15.401	ng/ul	96
22) Chrysene	21.247	228	777764	16.041	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	1034306m	13.688	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	376670m	5.131	ng/ul	
26) Benzo(a)pyrene	23.330	252	353302	6.720	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.670	276	383755	4.662	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.673	278	158821	2.597	ng/ul#	80
29) Benzo(g,h,i)perylene	26.357	276	55193	0.842	ng/ul#	81

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

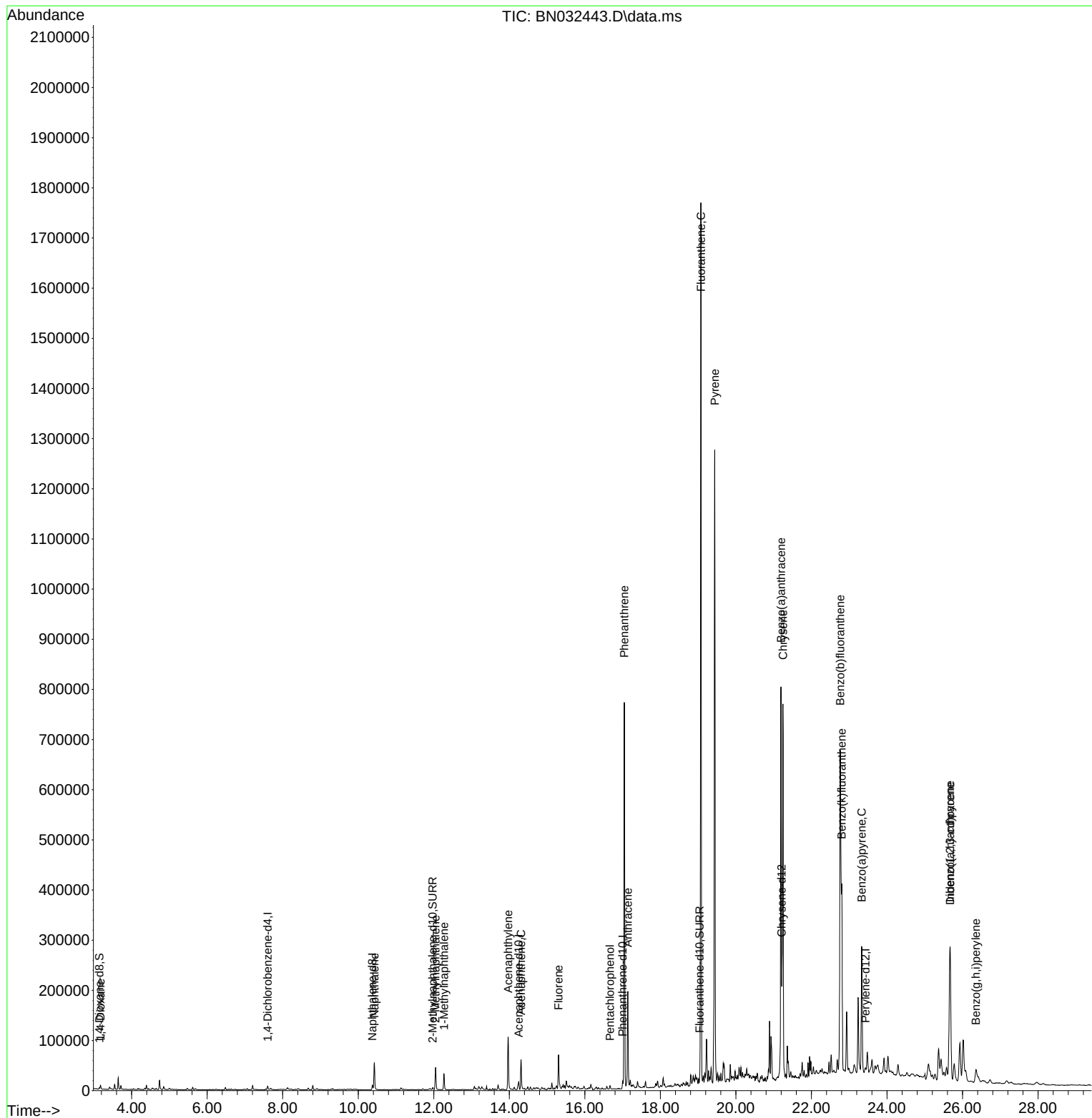
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032443.D
Acq On : 03 Jul 2024 19:23
Operator : MA/JU
Sample : P2963-24MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

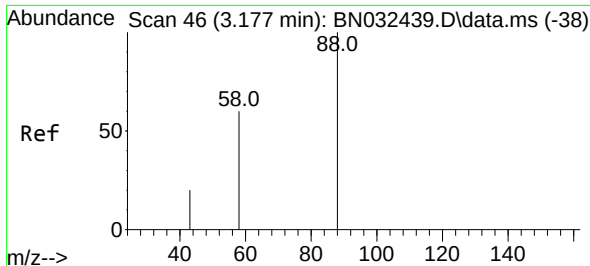
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD

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Supervised By :mohammad ahmed 07/05/2024

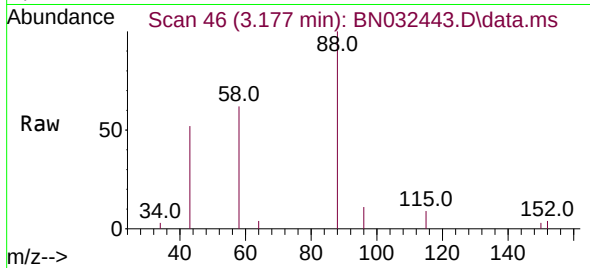
Quant Time: Jul 03 23:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.176 ng/ul
RT: 3.177 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

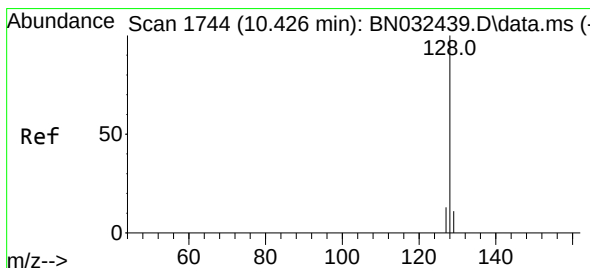
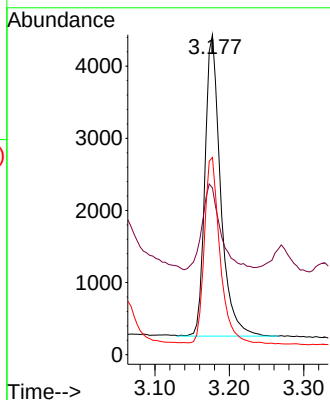
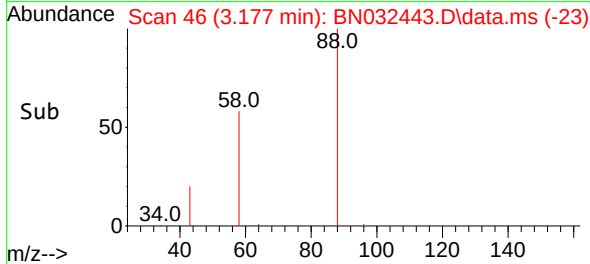
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion: 88 Resp: 6098
Ion Ratio Lower Upper
88 100
43 52.1 28.4 42.6
58 61.6 43.3 64.9

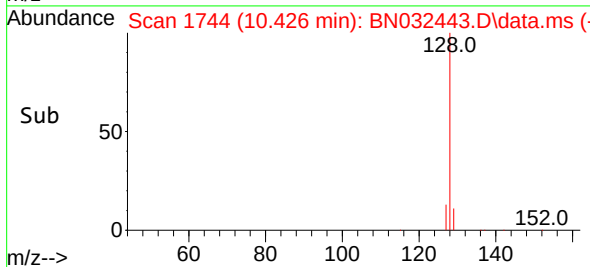
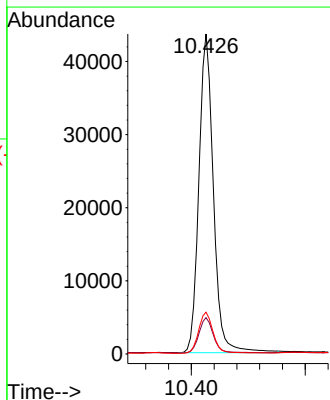
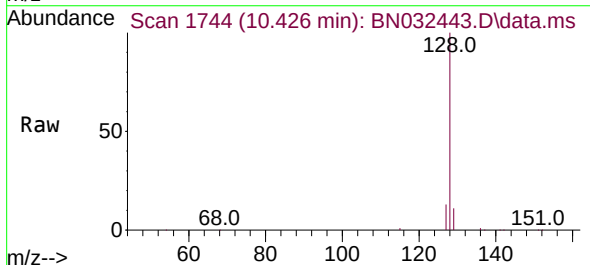
Manual Integrations
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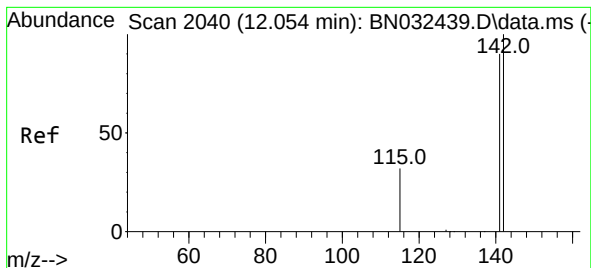
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#5
Naphthalene
Concen: 2.180 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

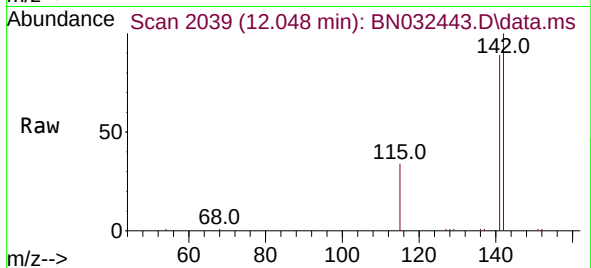
Tgt Ion:128 Resp: 77180
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.8 16.2





#7
2-Methylnaphthalene
Concen: 1.446 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

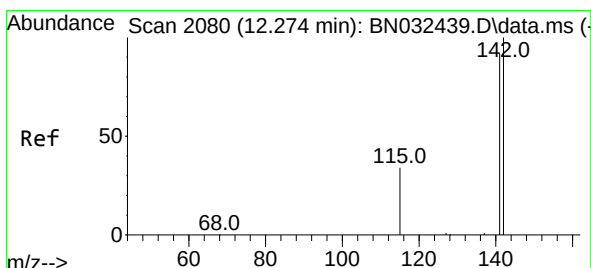
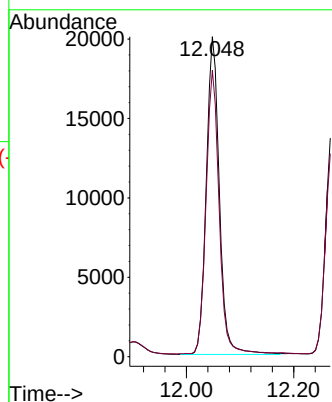
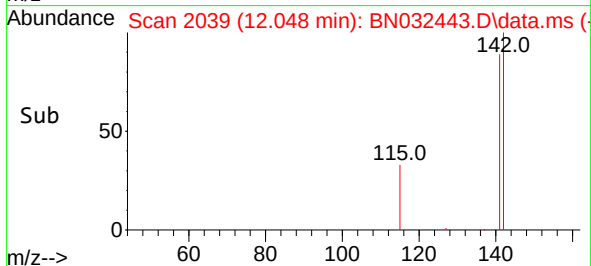
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



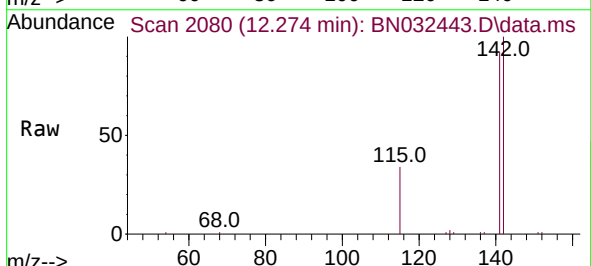
Tgt Ion:142 Resp: 33929
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2

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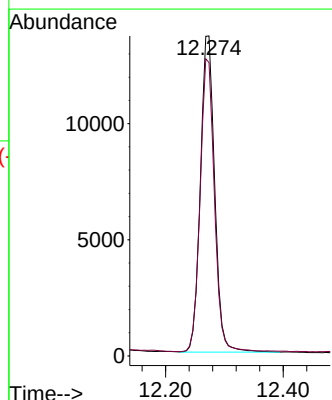
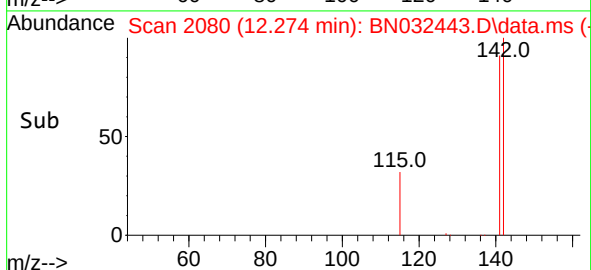
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

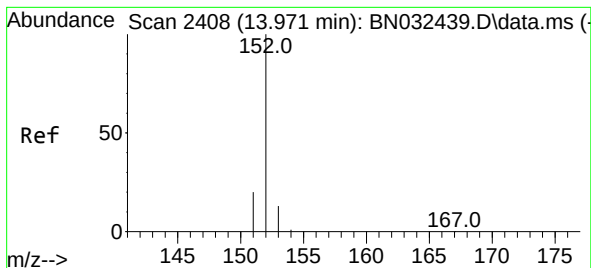


#8
1-Methylnaphthalene
Concen: 0.946 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23



Tgt Ion:142 Resp: 23031
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0





#10

Acenaphthylene

Concen: 3.831 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN032443.D

Acq: 03 Jul 2024 19:23

Instrument :

BNA_N

ClientSampleId :

A4CS3MSD

Tgt Ion:152 Resp: 136854

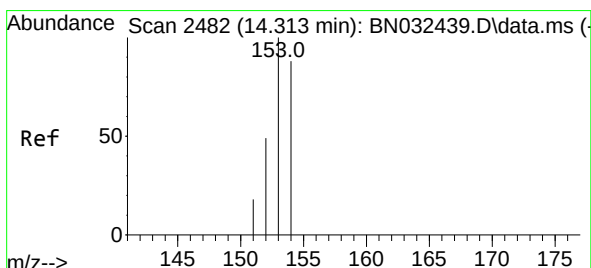
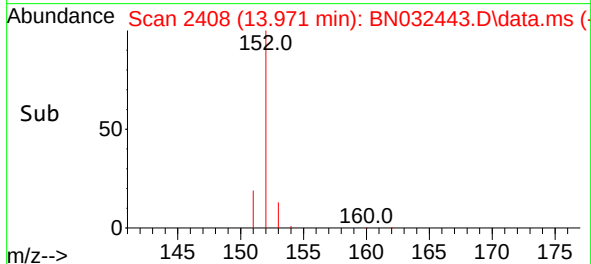
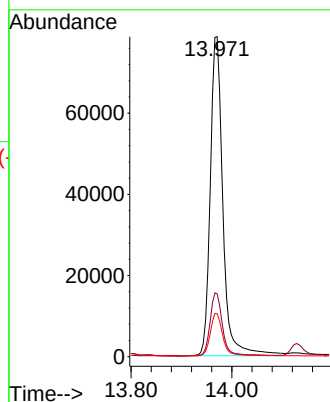
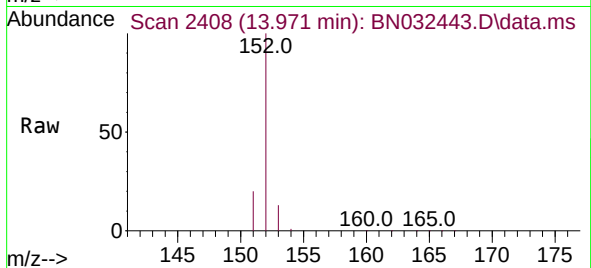
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.5	10.9	16.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#11

Acenaphthene

Concen: 1.295 ng/ul

RT: 14.309 min Scan# 2481

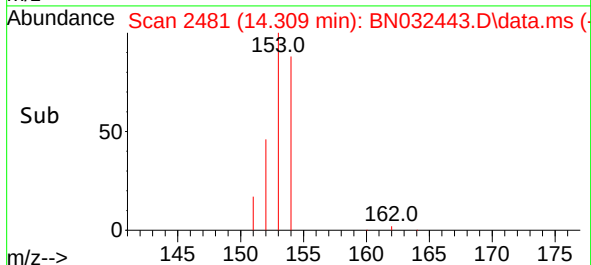
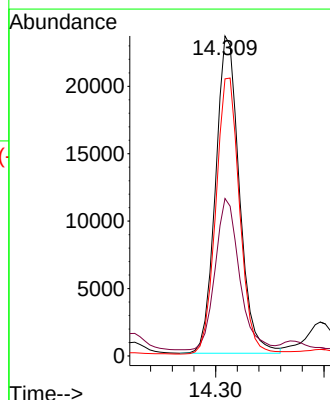
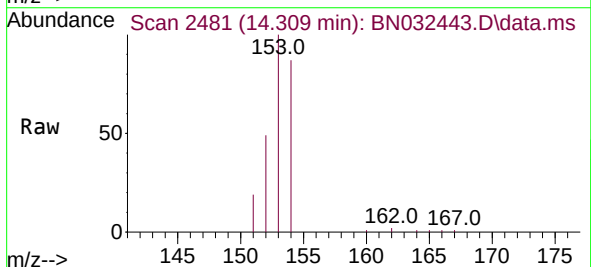
Delta R.T. -0.005 min

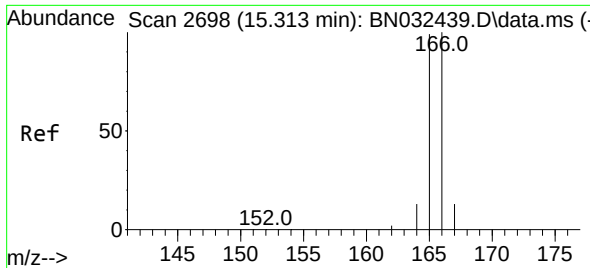
Lab File: BN032443.D

Acq: 03 Jul 2024 19:23

Tgt Ion:153 Resp: 35896

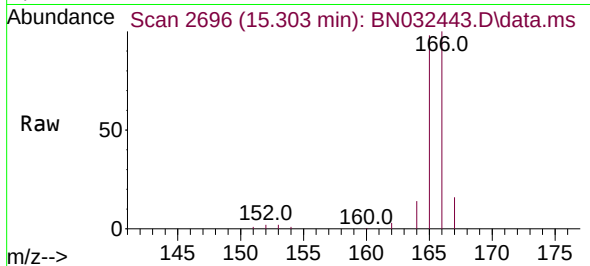
Ion	Ratio	Lower	Upper
153	100		
152	49.2	39.5	59.3
154	86.6	71.7	107.5





#12
Fluorene
Concen: 1.442 ng/ul
RT: 15.303 min Scan# 2000
Delta R.T. -0.009 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

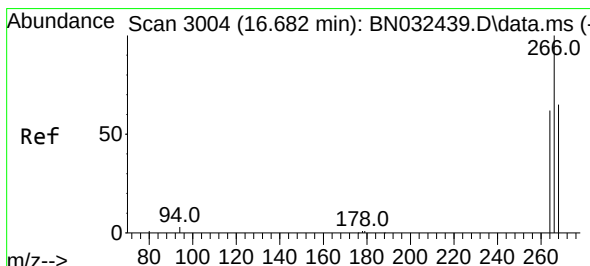
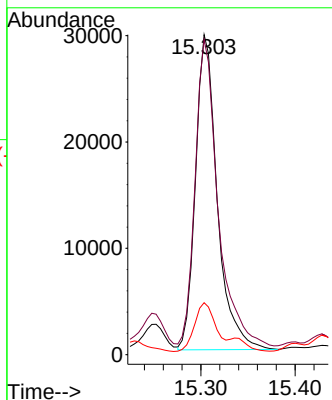
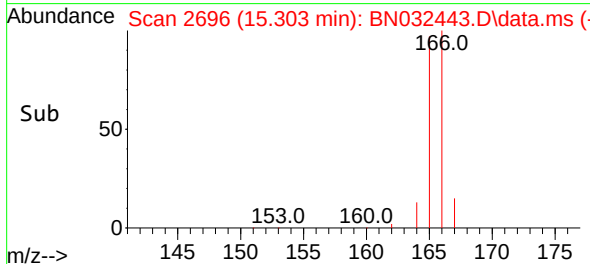
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion:166 Resp: 4764
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 16.3 11.0 16.6

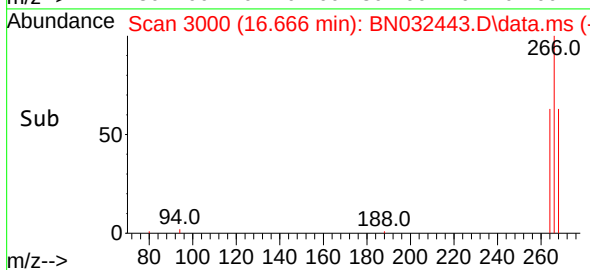
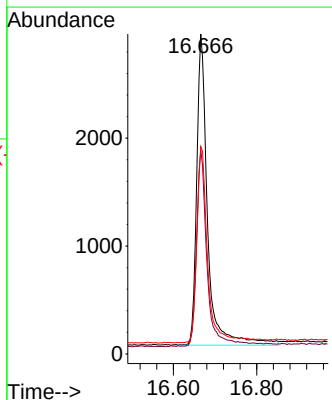
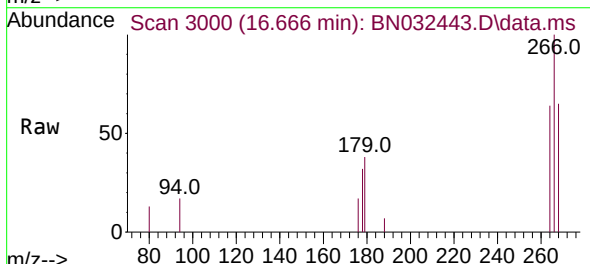
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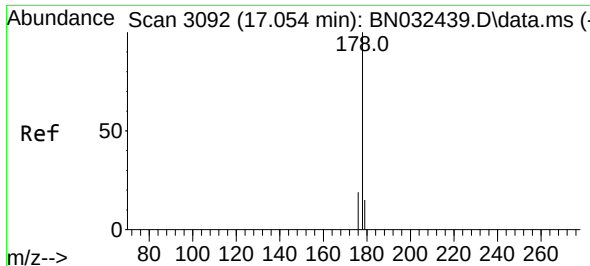
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#14
Pentachlorophenol
Concen: 1.248 ng/ul
RT: 16.666 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

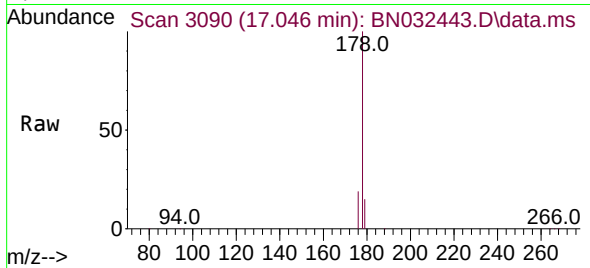
Tgt Ion:266 Resp: 5247
Ion Ratio Lower Upper
266 100
264 61.9 49.9 74.9
268 63.8 52.4 78.6





#15
Phenanthrene
Concen: 15.781 ng/ul
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

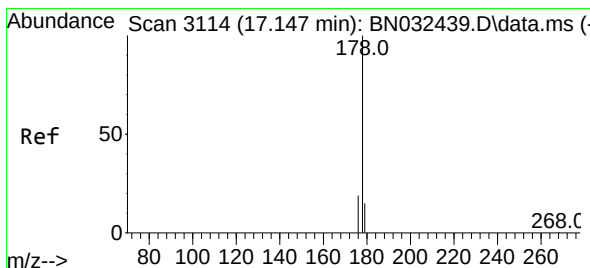
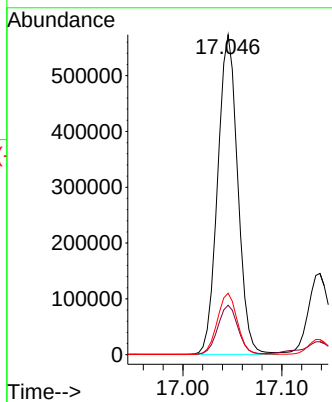
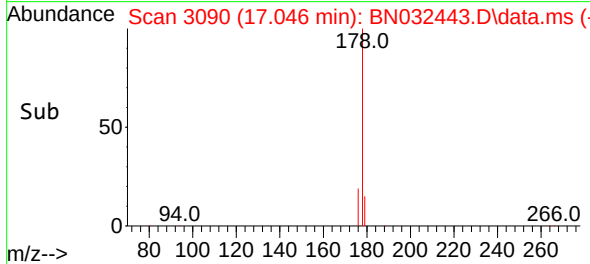
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion:178 Resp: 80418
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

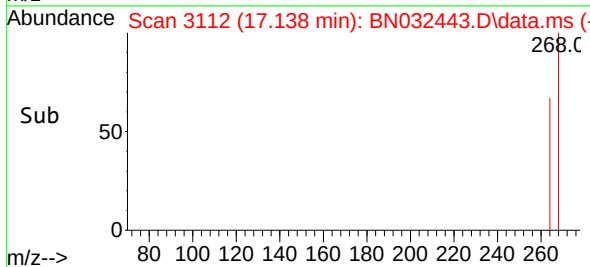
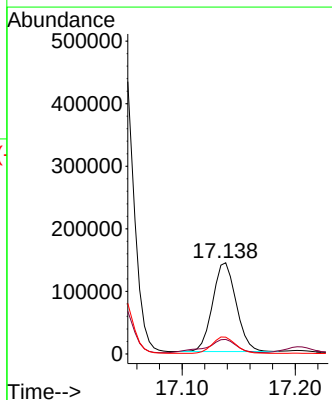
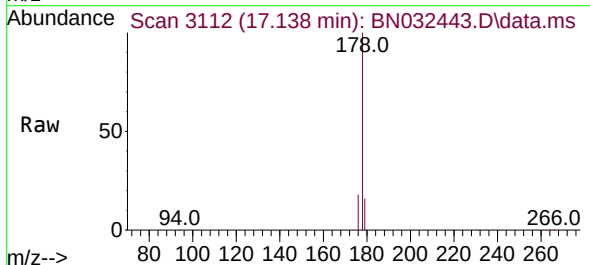
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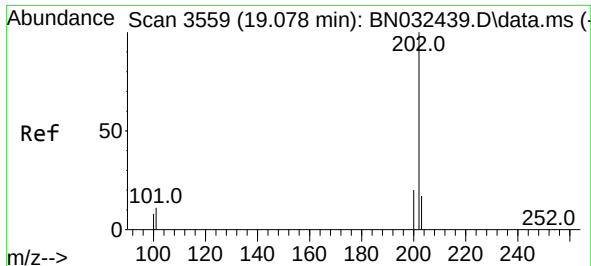
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 4.536 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

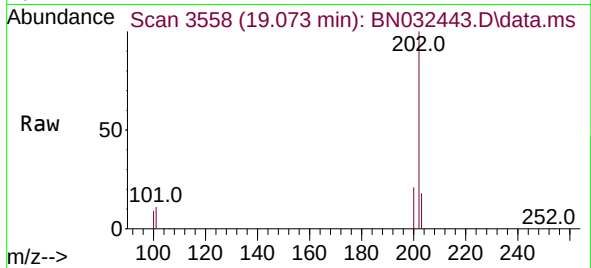
Tgt Ion:178 Resp: 206151
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 31.893 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

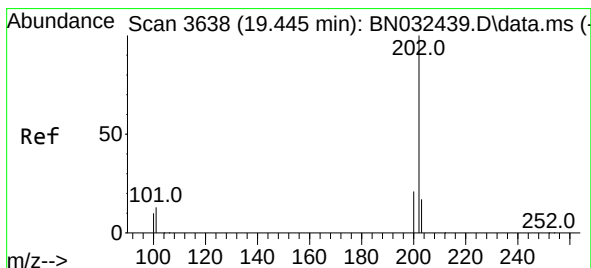
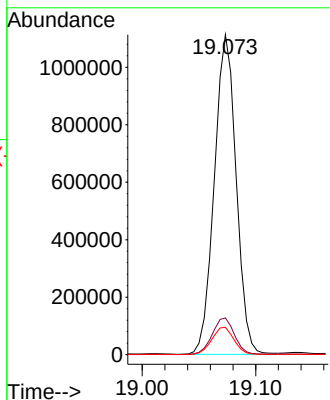
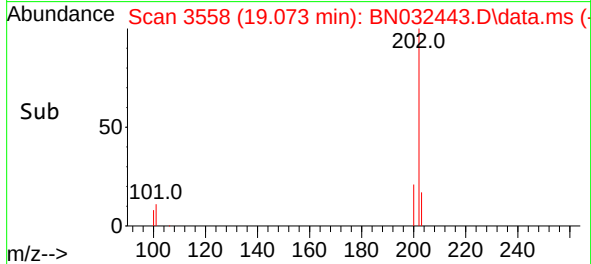
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion:202 Resp: 1486392
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.5 6.4 9.6

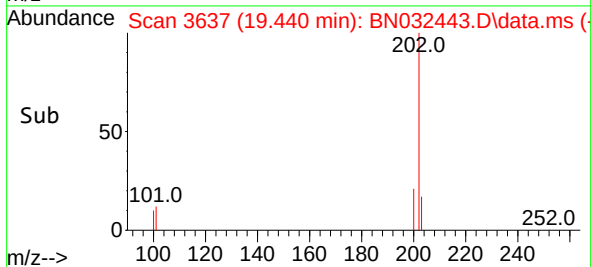
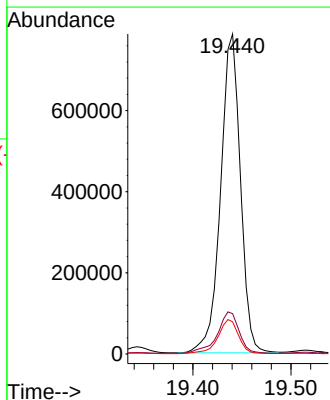
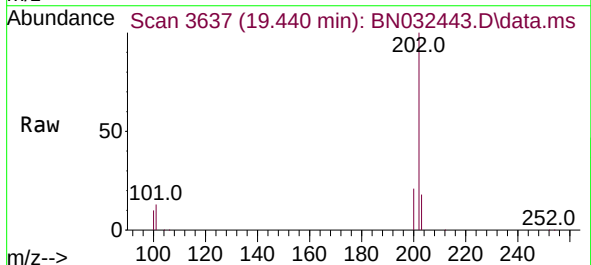
Manual Integrations
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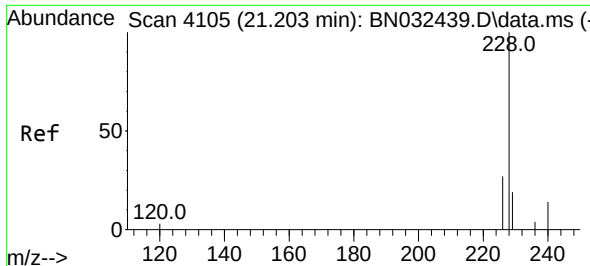
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 22.724 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

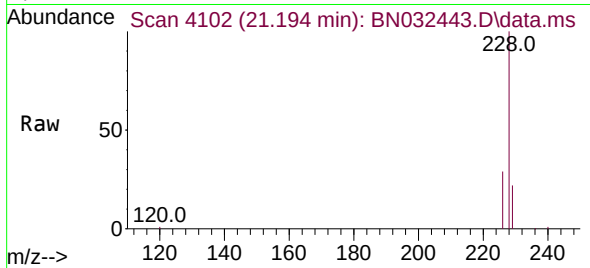
Tgt Ion:202 Resp: 1106748
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 10.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 15.401 ng/uI
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

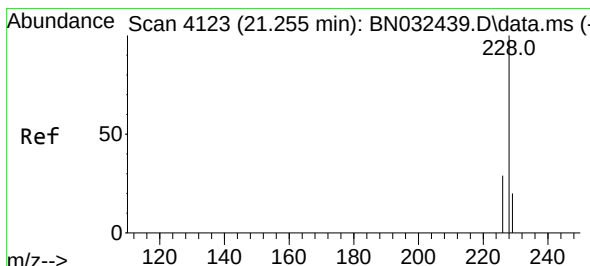
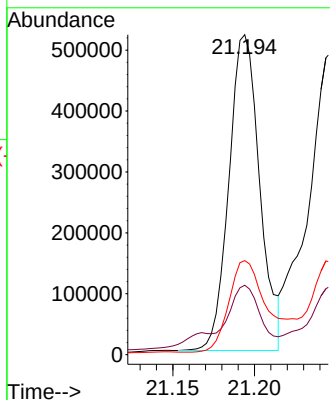
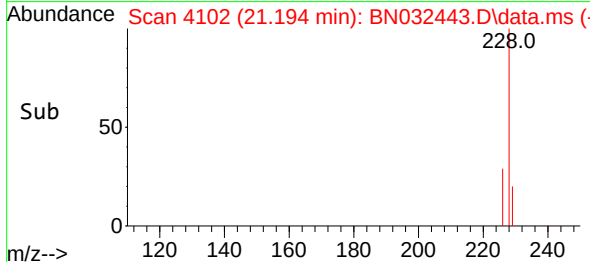
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion:228 Resp: 68034
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.4 21.8 32.8

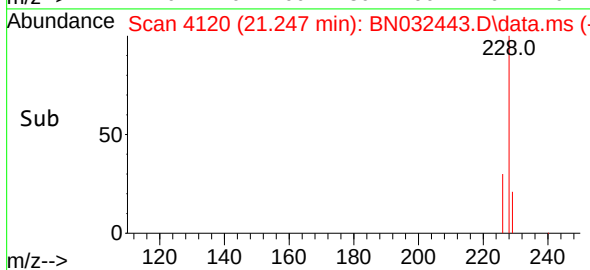
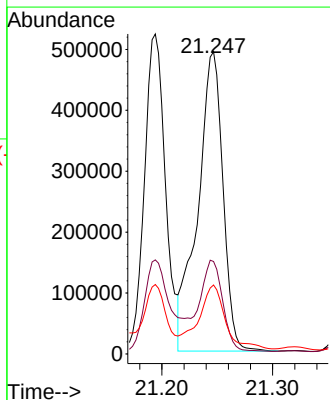
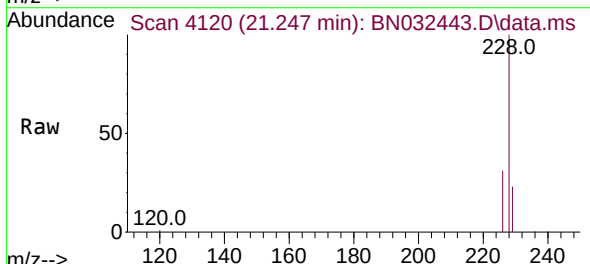
Manual Integrations
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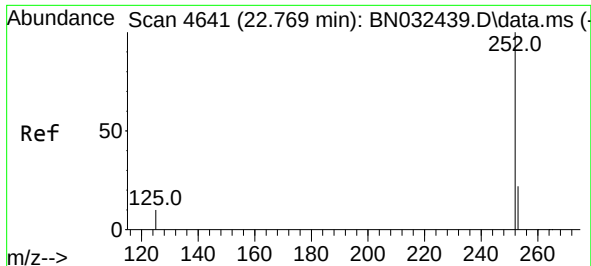
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 16.041 ng/uI
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

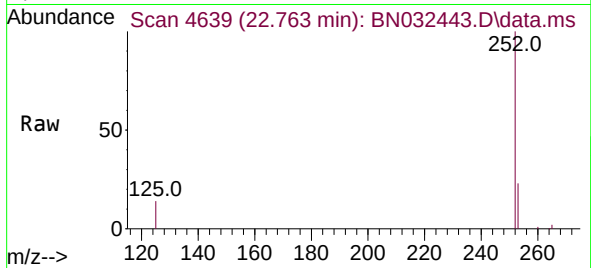
Tgt Ion:228 Resp: 777764
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 13.688 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

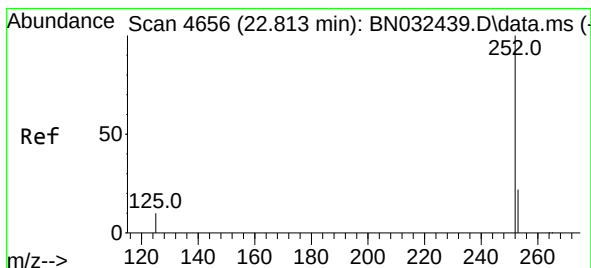
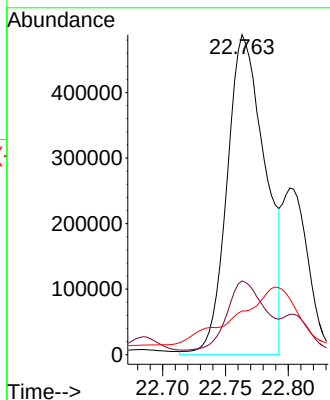
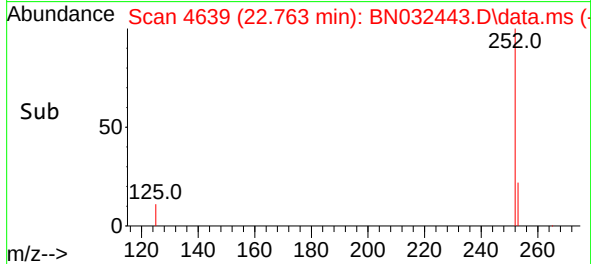
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



Tgt Ion:252 Resp: 1034300
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.7 0.0 32.0

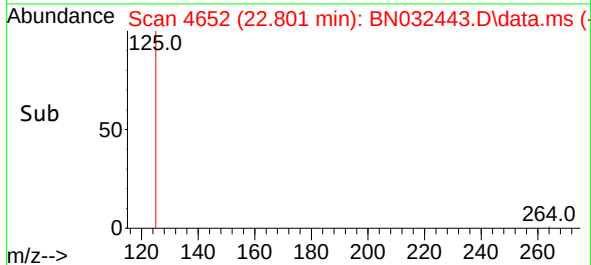
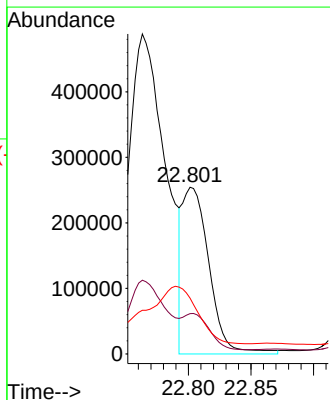
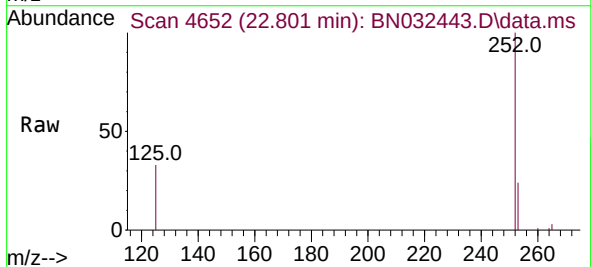
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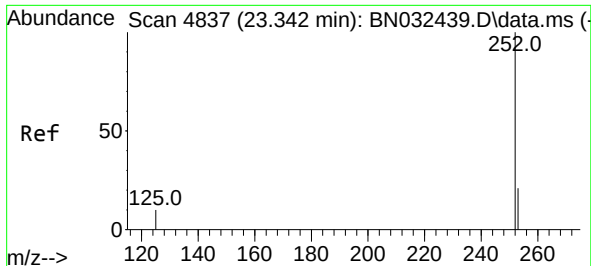
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 5.131 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. 0.000 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

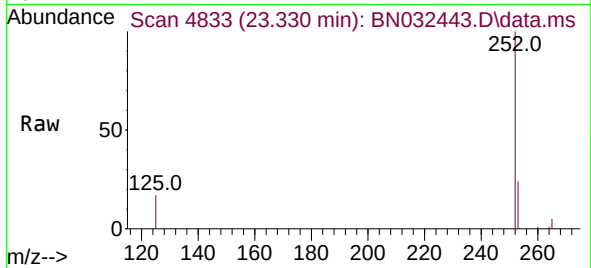
Tgt Ion:252 Resp: 376670
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 33.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 6.720 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. 0.003 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

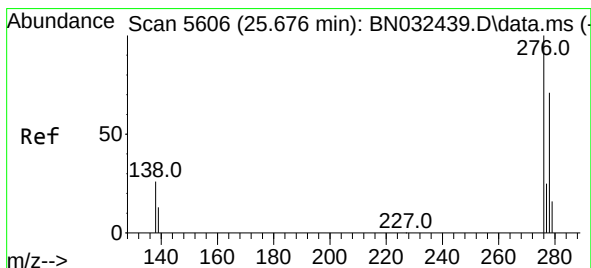
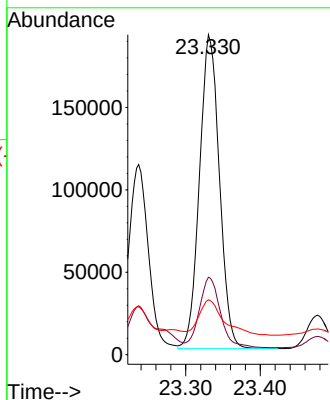
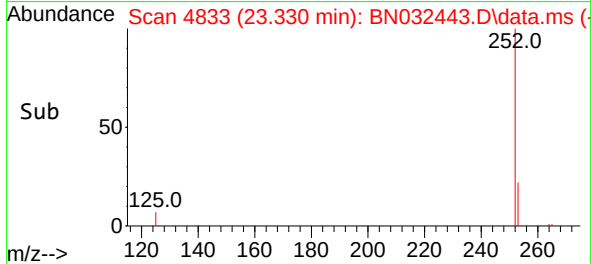
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



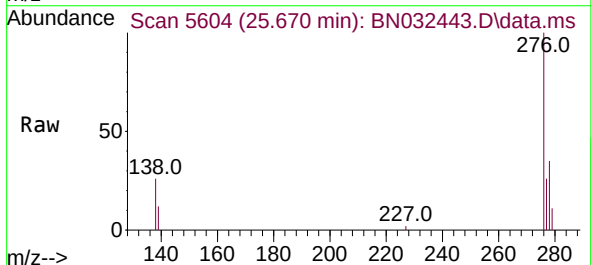
Tgt Ion:252 Resp: 353302
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 17.2 16.4 24.6

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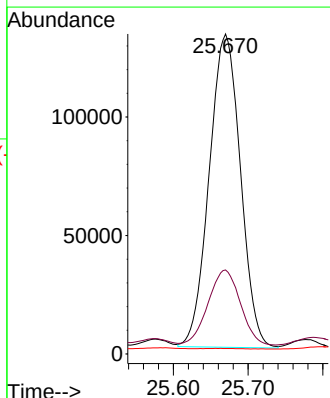
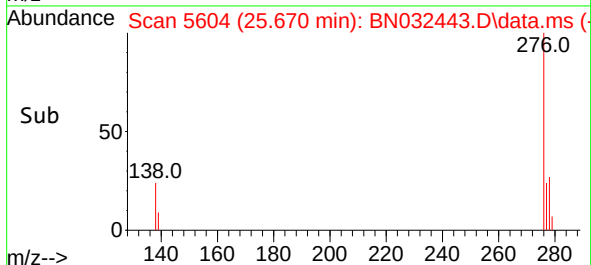
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

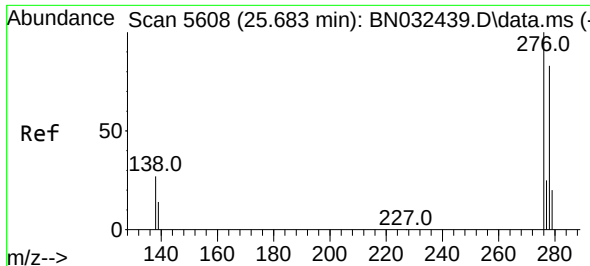


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.662 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23



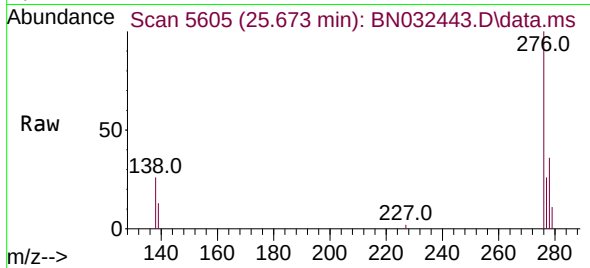
Tgt Ion:276 Resp: 383755
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.597 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.007 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23

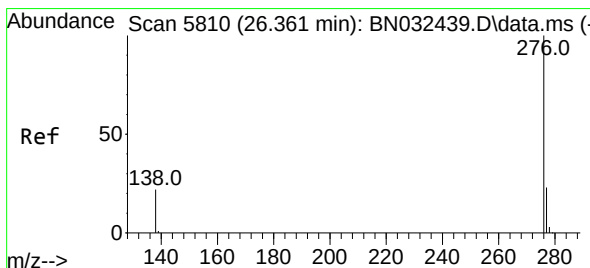
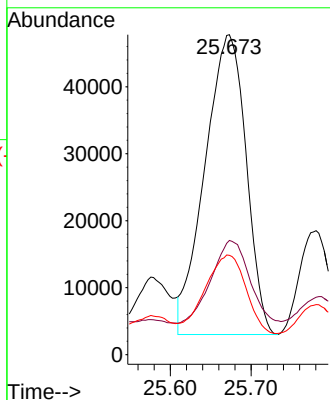
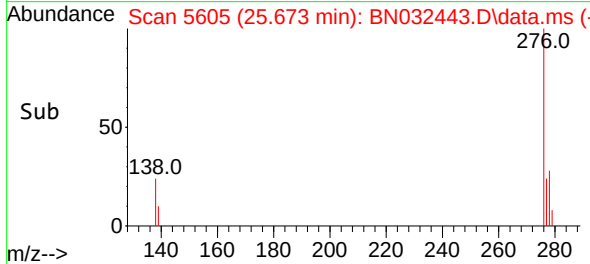
Instrument :
BNA_N
ClientSampleId :
A4CS3MSD



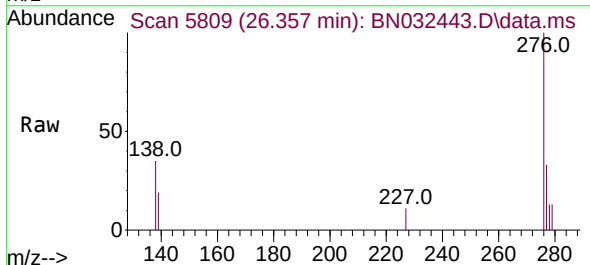
Tgt Ion:278 Resp: 15882
Ion Ratio Lower Upper
278 100
139 35.7 15.9 23.9#
279 31.1 21.1 31.7

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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: 0.842 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. 0.014 min
Lab File: BN032443.D
Acq: 03 Jul 2024 19:23



Tgt Ion:276 Resp: 55193
Ion Ratio Lower Upper
276 100
138 35.5 19.8 29.6#
277 33.1 19.8 29.6#

