

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044915.D
 Acq On : 04 Apr 2024 15:24
 Operator : MA/JU
 Sample : P1849-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0LY5MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 04 16:26:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 03 23:34:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	8183	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.294	164	4847	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.052	188	10012	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.262	240	7918	0.400	ng/ul	# 0.00
23) Perylene-d12	23.495	264	10253	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	642	0.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	1759	0.159	ng/ul	-0.03
18) Fluoranthene-d10	19.095	212	4211	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.255	88	1624	0.511	ng/ul#	72
5) Naphthalene	10.473	128	31381	1.445	ng/ul	95
7) 2-Methylnaphthalene	12.096	142	82515	6.365	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	62451	4.411	ng/ul	100
10) Acenaphthylene	14.016	152	7777	0.322	ng/ul#	75
11) Acenaphthene	14.358	153	59276	3.424	ng/ul	98
12) Fluorene	15.353	166	79006	4.071	ng/ul	99
14) Pentachlorophenol	16.710	266	772	0.329	ng/ul	94
15) Phenanthrene	17.094	178	1084720	38.480	ng/ul	97
16) Anthracene	17.187	178	237456	8.553	ng/ul	97
19) Fluoranthene	19.123	202	1411735	49.895	ng/ul	99
20) Pyrene	19.490	202	1101856	36.877	ng/ul	99
21) Benzo(a)anthracene	21.248	228	465247	16.879	ng/ul	99
22) Chrysene	21.300	228	448794	13.045	ng/ul	98
24) Benzo(b)fluoranthene	22.829	252	559558	15.111	ng/ul	92
25) Benzo(k)fluoranthene	22.869	252	202246m	4.877	ng/ul	
26) Benzo(a)pyrene	23.399	252	342134	9.677	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.742	276	251148	5.183	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.752	278	66434	1.731	ng/ul#	87
29) Benzo(g,h,i)perylene	26.429	276	221232	5.294	ng/ul	99

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

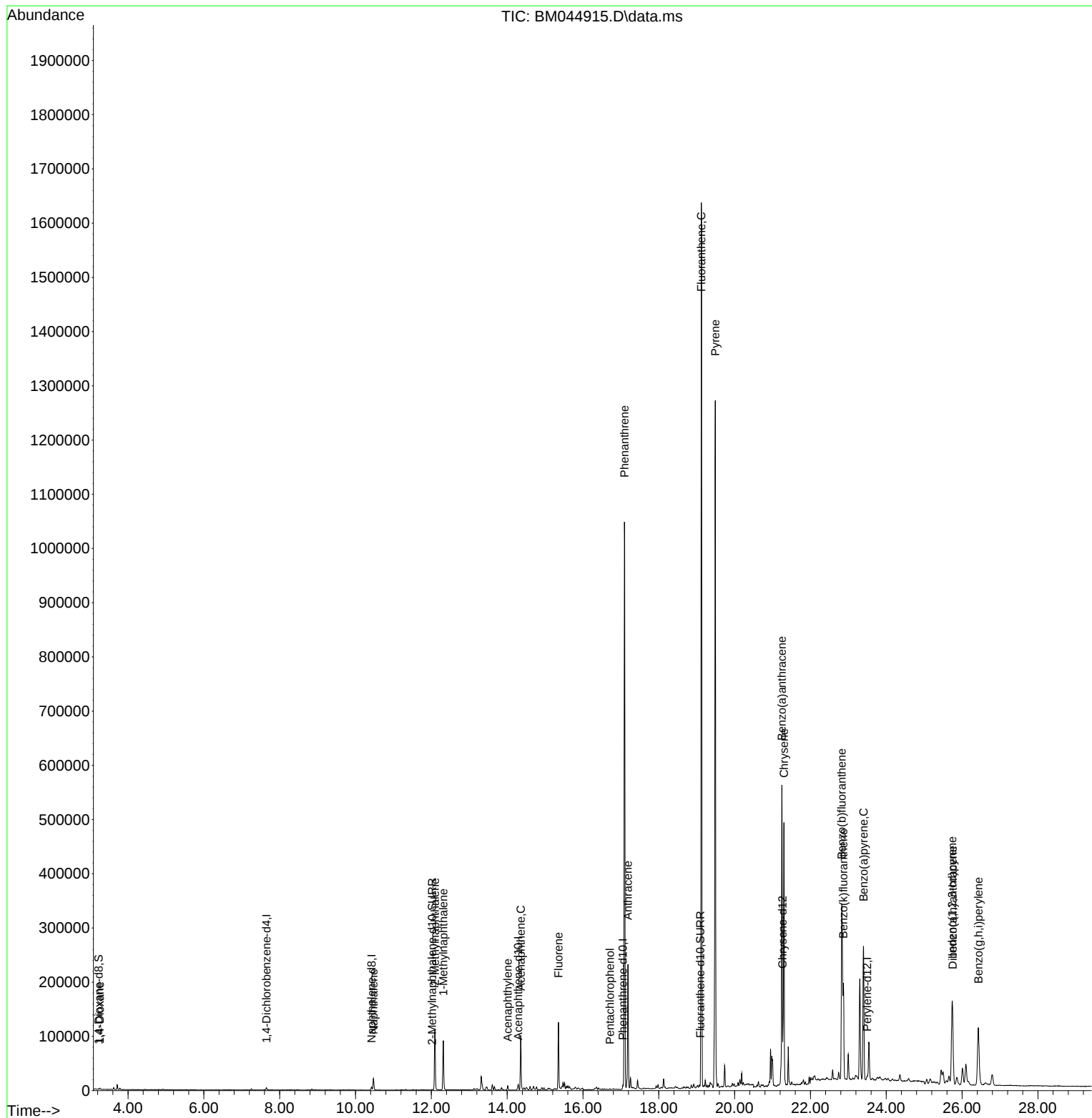
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044915.D
Acq On : 04 Apr 2024 15:24
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ALS Vial : 13 Sample Multiplier: 1

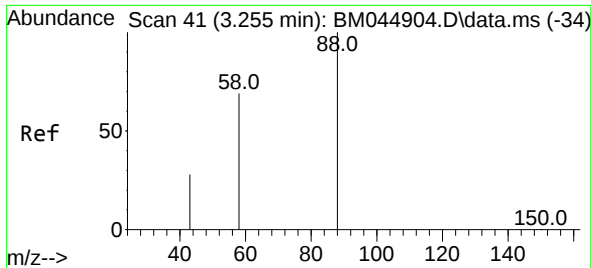
Instrument :
BNA_M
ClientSampleId :
EOLY5MSD

Quant Time: Apr 04 16:26:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

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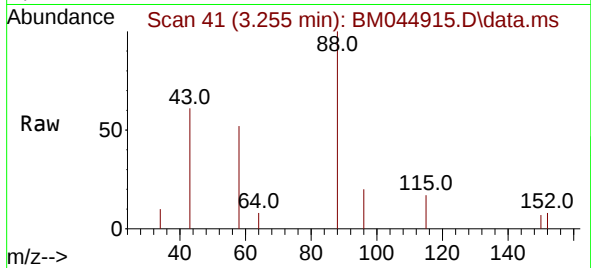
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024





#2
1,4-Dioxane
Concen: 0.511 ng/ul
RT: 3.255 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

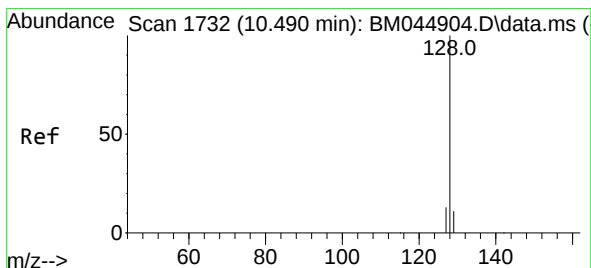
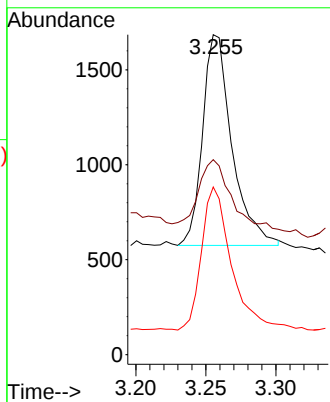
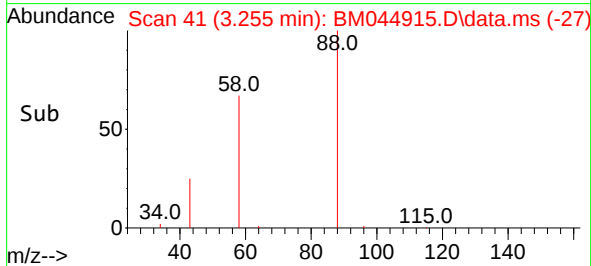
Instrument :
BNA_M
ClientSampleId :
E0LY5MSD



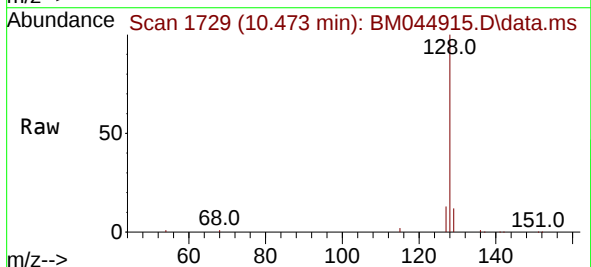
Tgt Ion: 88 Resp: 1624
Ion Ratio Lower Upper
88 100
43 60.9 30.6 46.0
58 52.4 32.6 48.8

Manual Integrations
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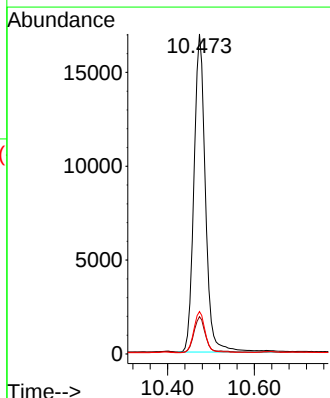
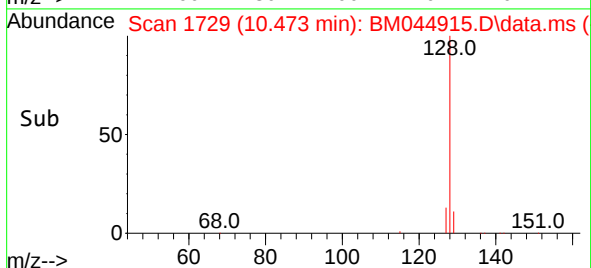
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

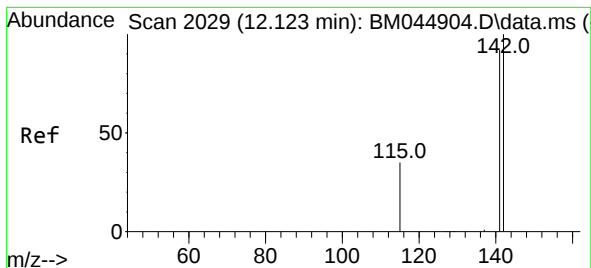


#5
Naphthalene
Concen: 1.445 ng/ul
RT: 10.473 min Scan# 1729
Delta R.T. -0.022 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24



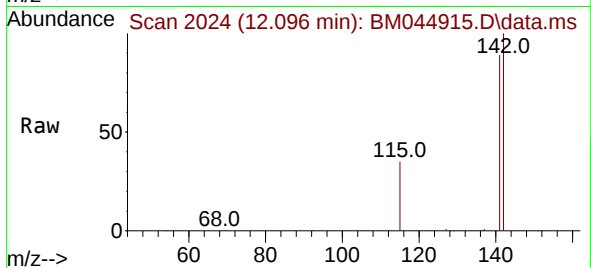
Tgt Ion:128 Resp: 31381
Ion Ratio Lower Upper
128 100
129 11.7 11.3 16.9
127 13.3 11.9 17.9





#7
2-Methylnaphthalene
Concen: 6.365 ng/ul
RT: 12.096 min Scan# 2029
Delta R.T. -0.033 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

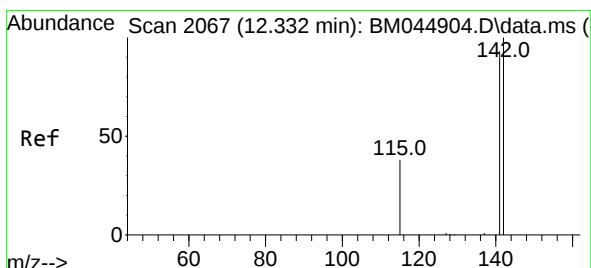
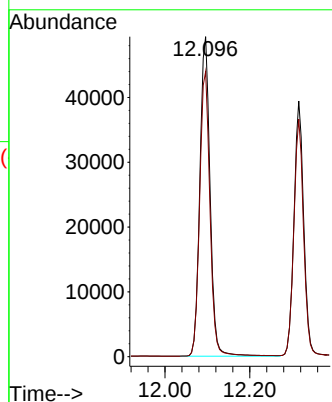
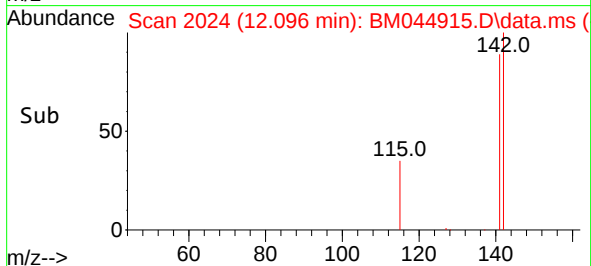
Instrument :
BNA_M
ClientSampleId :
E0LY5MSD



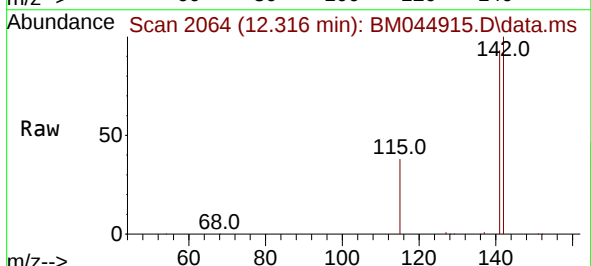
Tgt Ion:142 Resp: 8251
Ion Ratio Lower Upper
142 100
141 89.9 73.8 110.8

Manual Integrations
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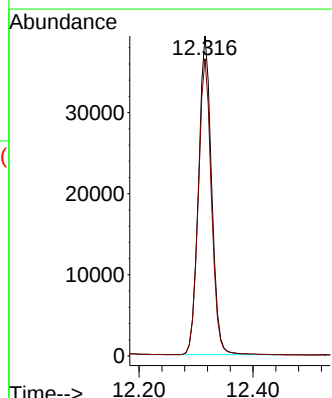
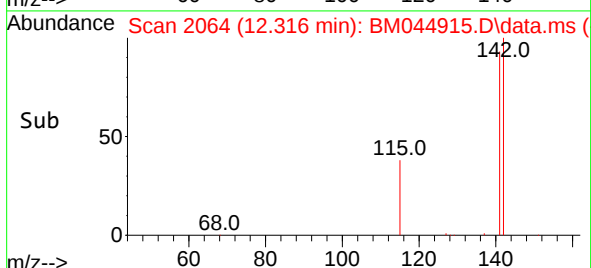
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

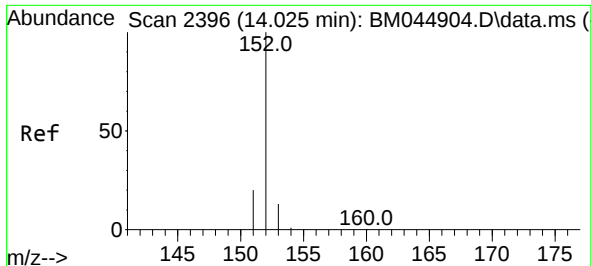


#8
1-Methylnaphthalene
Concen: 4.411 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.022 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24



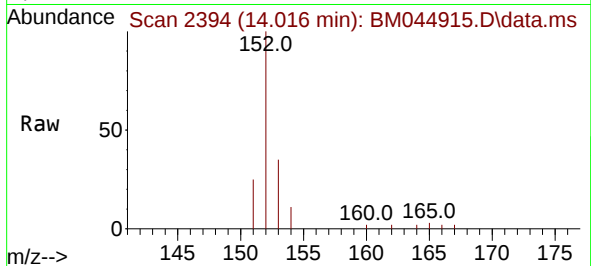
Tgt Ion:142 Resp: 62451
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.2





#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.016 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

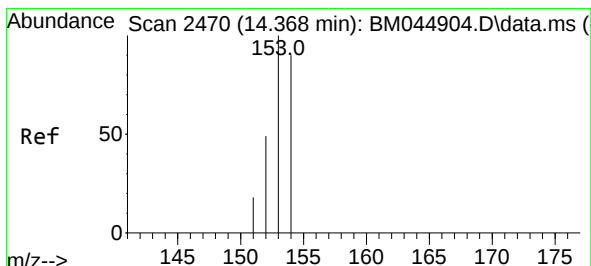
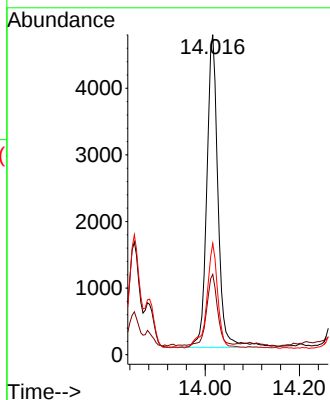
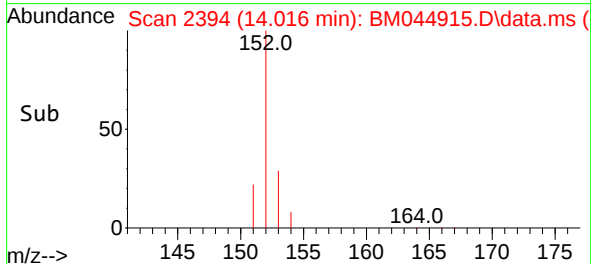
Instrument :
BNA_M
ClientSampleId :
E0LY5MSD



Tgt Ion:152 Resp: 777
Ion Ratio Lower Upper
152 100
151 25.1 17.0 25.4
153 34.8 11.9 17.9

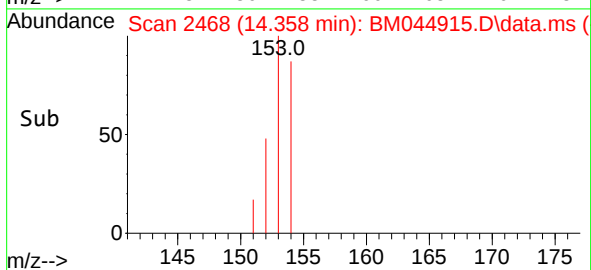
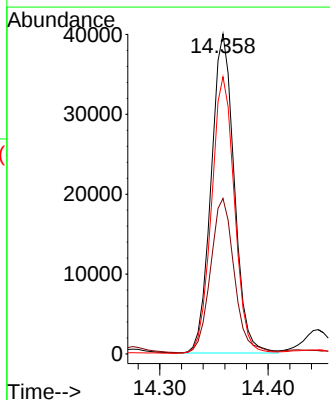
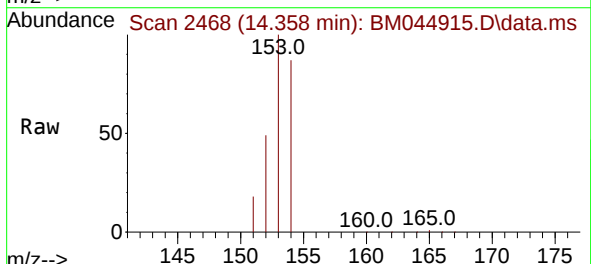
Manual Integrations
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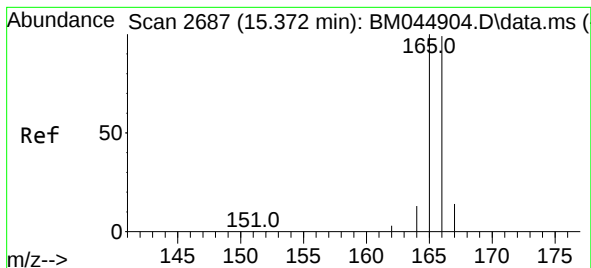
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#11
Acenaphthene
Concen: 3.424 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.008 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

Tgt Ion:153 Resp: 59276
Ion Ratio Lower Upper
153 100
152 48.6 41.2 61.8
154 86.6 69.4 104.0





#12

Fluorene

Concen: 4.071 ng/ul

RT: 15.353 min Scan# 2

Delta R.T. -0.022 min

Lab File: BM044915.D

Acq: 04 Apr 2024 15:24

Instrument :

BNA_M

ClientSampleId :

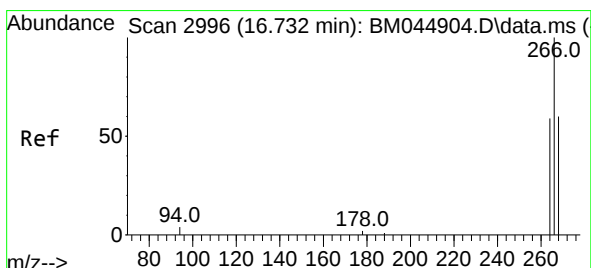
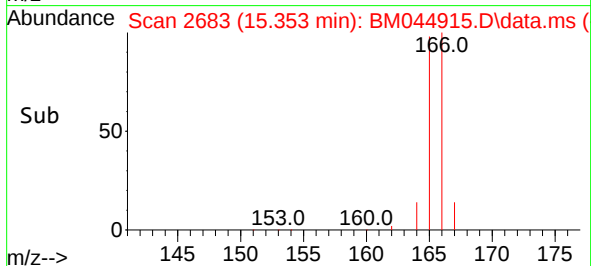
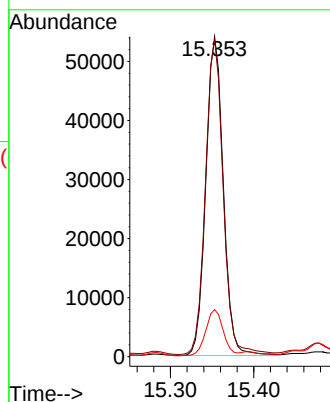
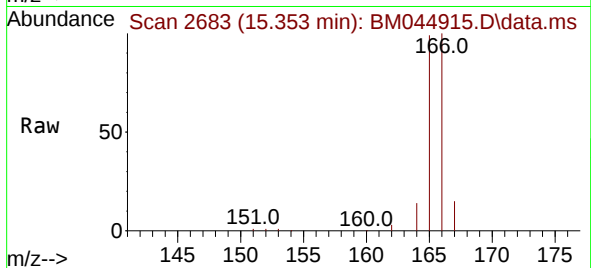
E0LY5MSD

Tgt Ion:166	Resp:	7900
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.9 119.9
167	14.7	12.2 18.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#14

Pentachlorophenol

Concen: 0.329 ng/ul

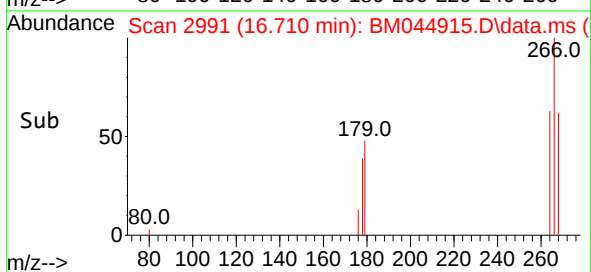
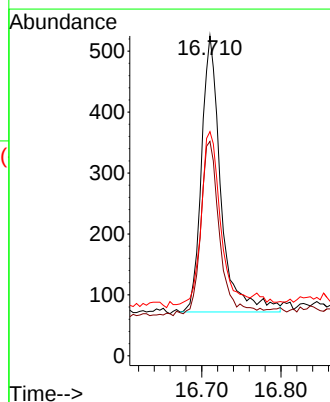
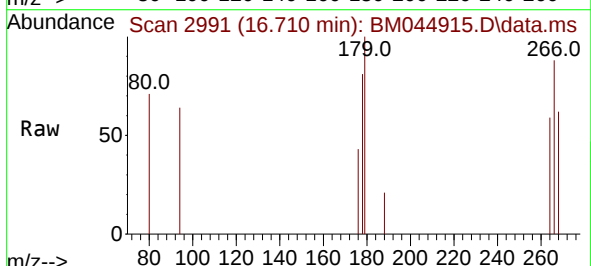
RT: 16.710 min Scan# 2991

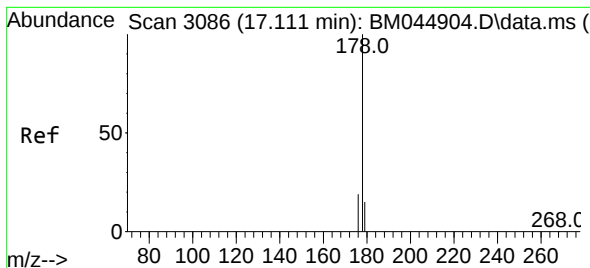
Delta R.T. -0.025 min

Lab File: BM044915.D

Acq: 04 Apr 2024 15:24

Tgt Ion:266	Resp:	772
Ion Ratio	Lower	Upper
266	100	
264	66.2	48.3 72.5
268	62.2	52.6 79.0





#15

Phenanthrene

Concen: 38.480 ng/ul

RT: 17.094 min Scan# 3086

Delta R.T. -0.016 min

Lab File: BM044915.D

Acq: 04 Apr 2024 15:24

Instrument :

BNA_M

ClientSampleId :

E0LY5MSD

Tgt Ion:178 Resp: 1084720

Ion Ratio Lower Upper

178 100

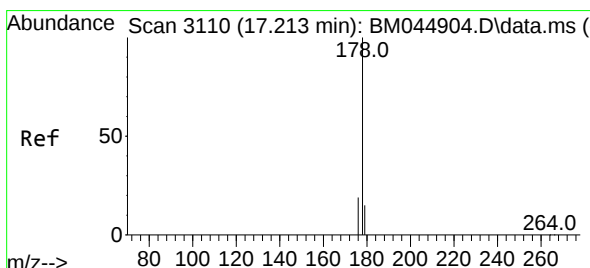
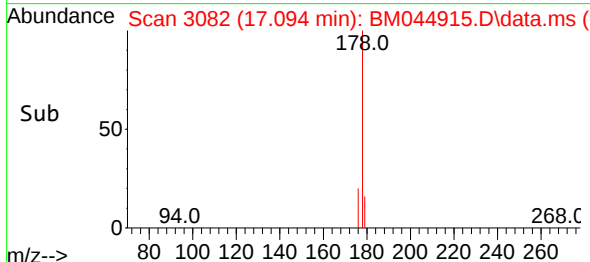
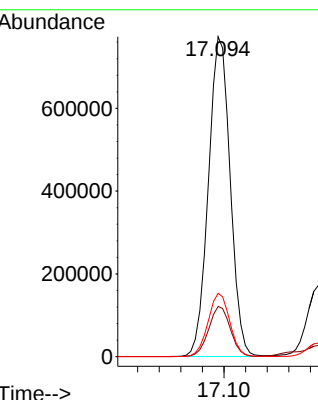
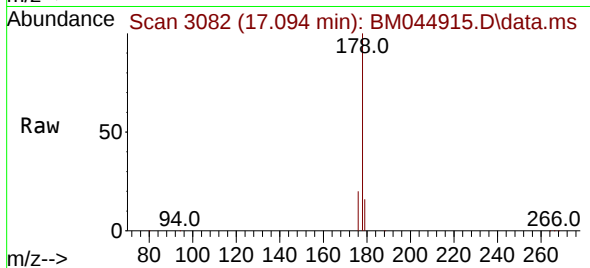
179 15.7 13.7 20.5

176 19.8 17.0 25.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#16

Anthracene

Concen: 8.553 ng/ul

RT: 17.187 min Scan# 3104

Delta R.T. -0.025 min

Lab File: BM044915.D

Acq: 04 Apr 2024 15:24

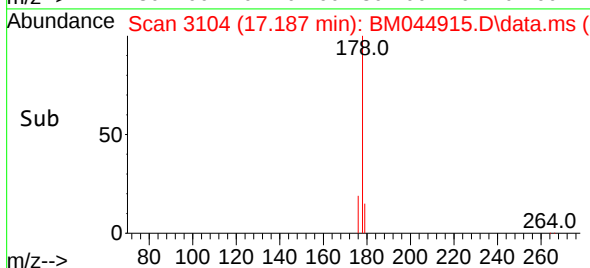
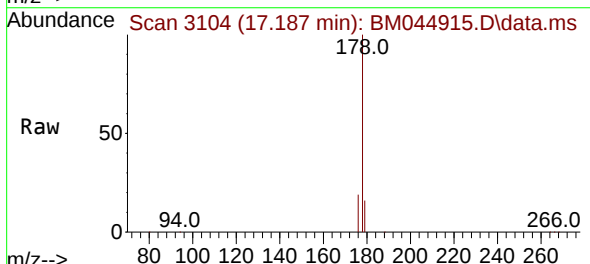
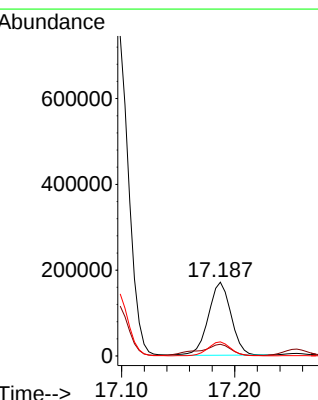
Tgt Ion:178 Resp: 237456

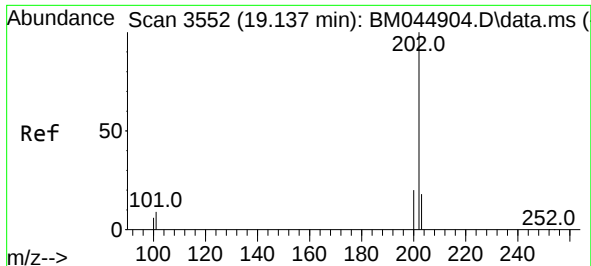
Ion Ratio Lower Upper

178 100

179 15.8 13.8 20.8

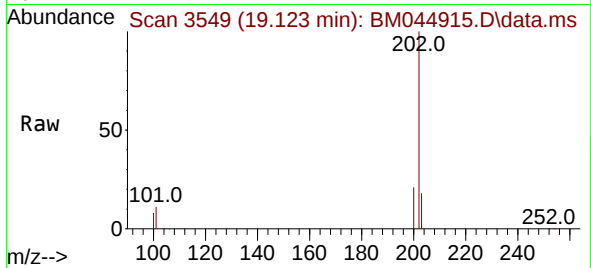
176 19.1 16.2 24.4





#19
Fluoranthene
Concen: 49.895 ng/u1
RT: 19.123 min Scan# 3549
Delta R.T. -0.013 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

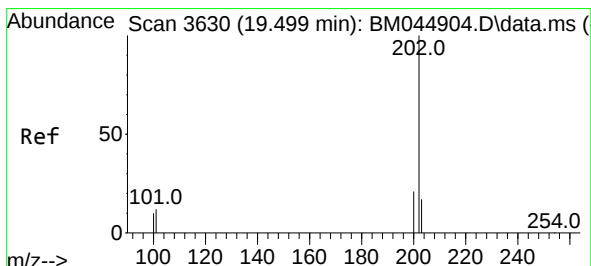
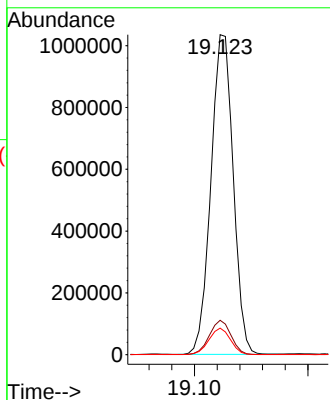
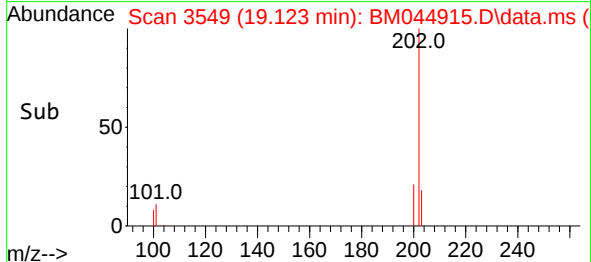
Instrument :
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ClientSampleId :
E0LY5MSD



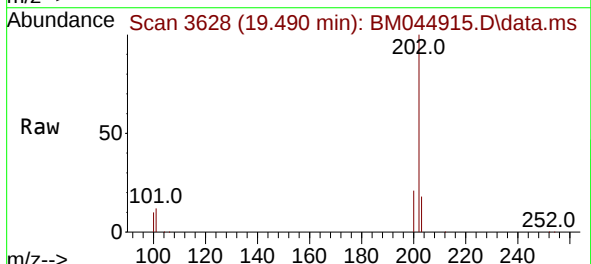
Tgt Ion:202 Resp: 1411735
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.3 7.0 10.4

Manual Integrations
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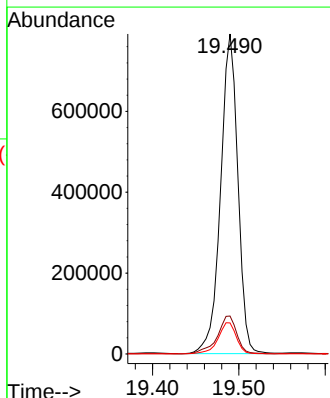
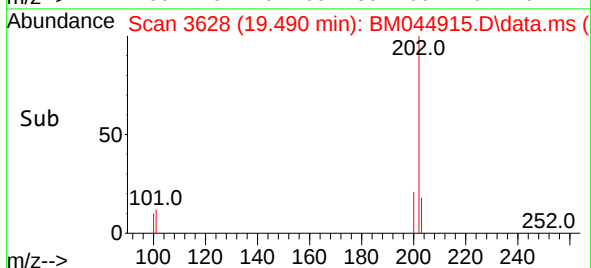
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

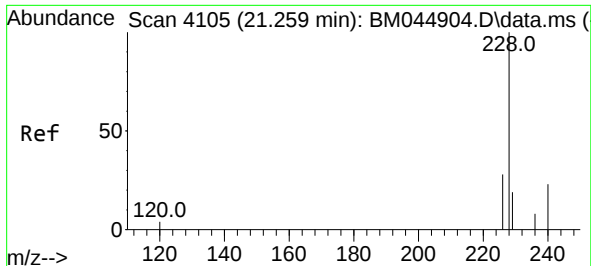


#20
Pyrene
Concen: 36.877 ng/u1
RT: 19.490 min Scan# 3628
Delta R.T. -0.013 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24



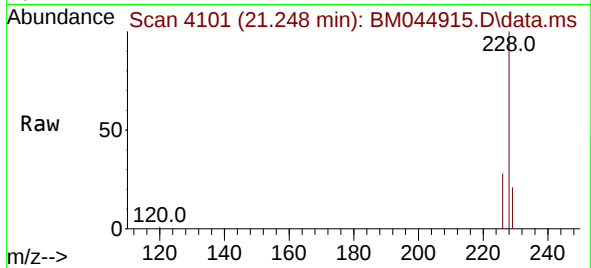
Tgt Ion:202 Resp: 1101856
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.7 8.1 12.1





#21
Benzo(a)anthracene
Concen: 16.879 ng/ul
RT: 21.248 min Scan# 4110
Delta R.T. -0.013 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

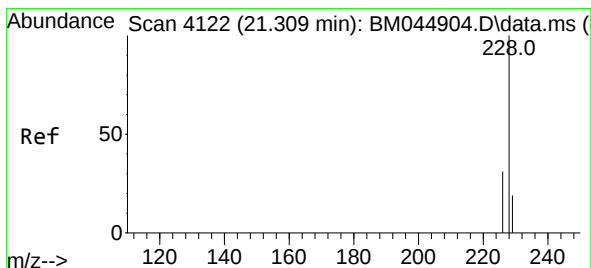
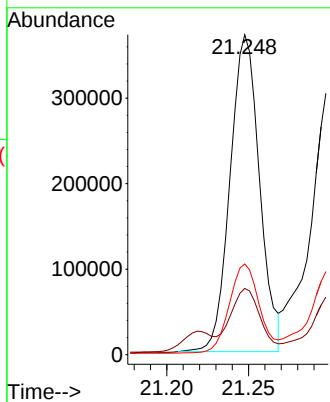
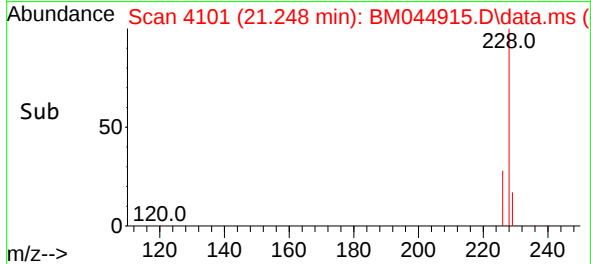
Instrument :
BNA_M
ClientSampleId :
EOLY5MSD



Tgt Ion:228 Resp: 46524
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 28.3 22.3 33.5

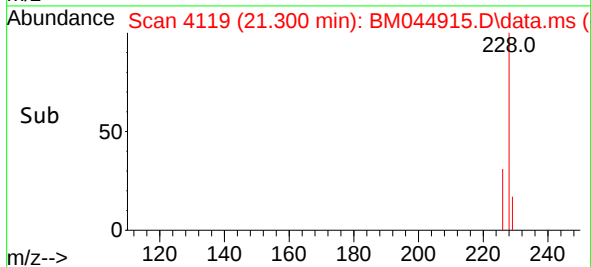
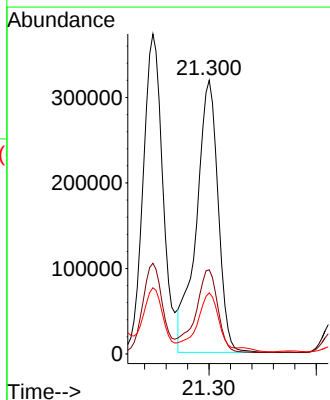
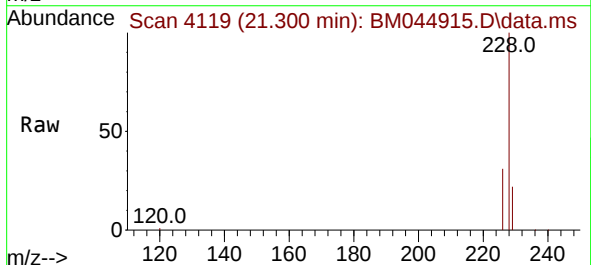
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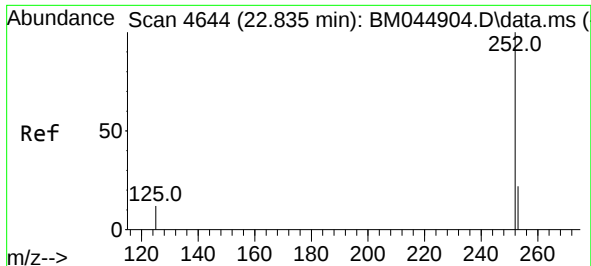
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#22
Chrysene
Concen: 13.045 ng/ul
RT: 21.300 min Scan# 4119
Delta R.T. -0.010 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

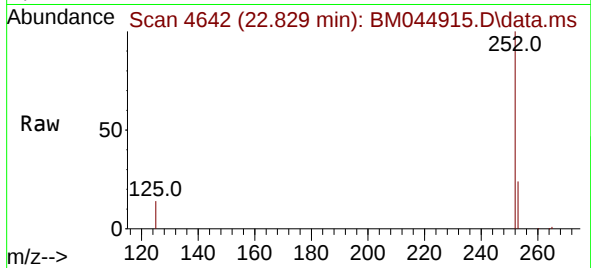
Tgt Ion:228 Resp: 448794
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 15.111 ng/ul
RT: 22.829 min Scan# 4642
Delta R.T. -0.007 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

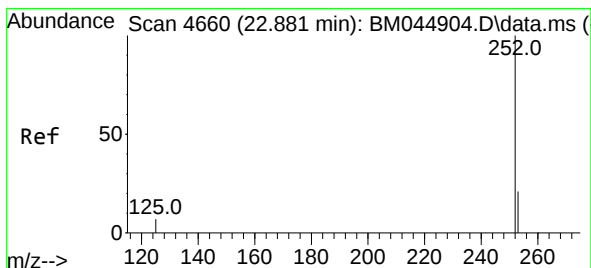
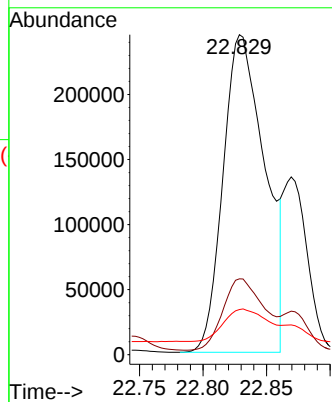
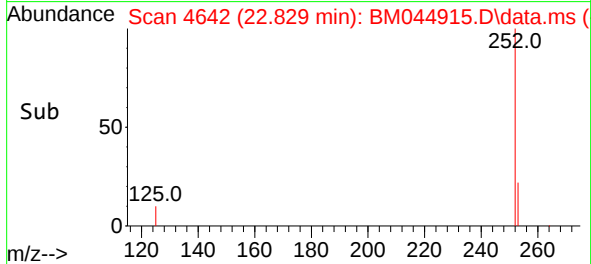
Instrument :
BNA_M
ClientSampleId :
E0LY5MSD



Tgt Ion:252 Resp: 559558
Ion Ratio Lower Upper
252 100
253 23.7 0.0 56.4
125 14.1 0.0 33.4

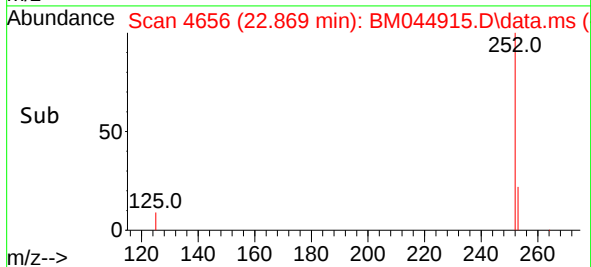
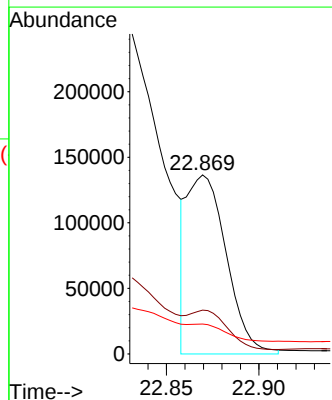
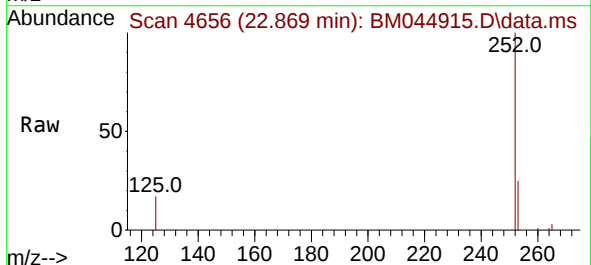
Manual Integrations
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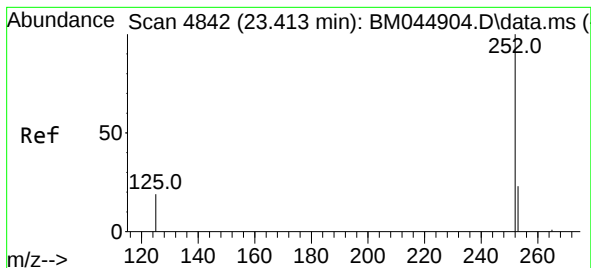
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#25
Benzo(k)fluoranthene
Concen: 4.877 ng/ul m
RT: 22.869 min Scan# 4656
Delta R.T. -0.013 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

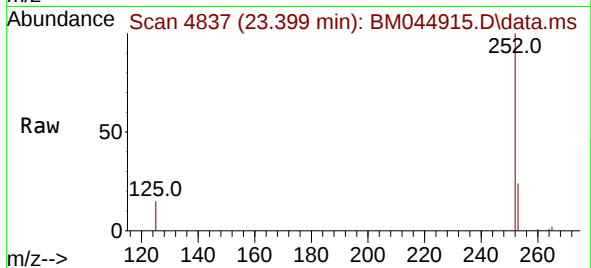
Tgt Ion:252 Resp: 202246
Ion Ratio Lower Upper
252 100
253 24.5 22.3 33.5
125 16.7 11.6 17.4





#26
Benzo(a)pyrene
Concen: 9.677 ng/ul
RT: 23.399 min Scan# 4842
Delta R.T. -0.016 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

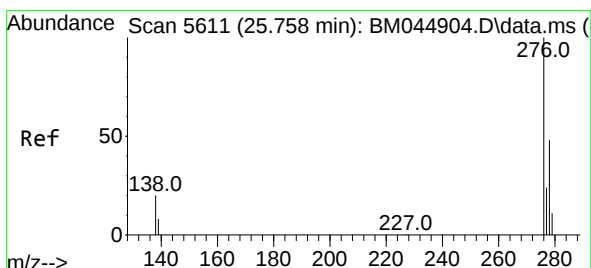
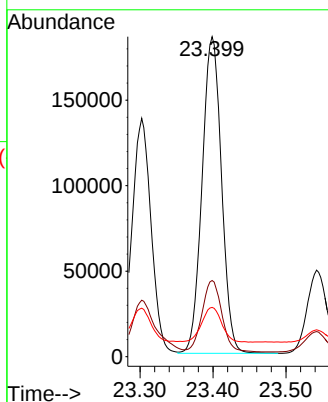
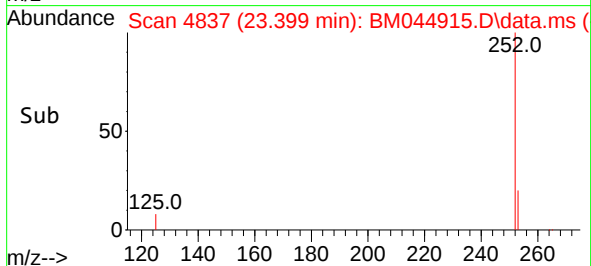
Instrument :
BNA_M
ClientSampleId :
EOLY5MSD



Tgt Ion:252 Resp: 342134
Ion Ratio Lower Upper
252 100
253 23.8 24.6 37.0#
125 15.4 18.2 27.4#

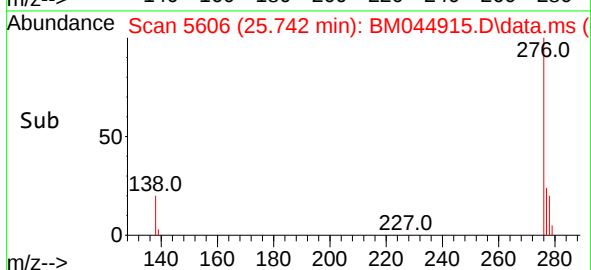
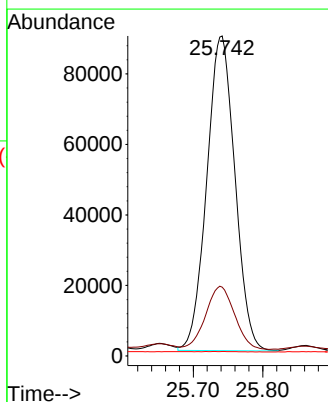
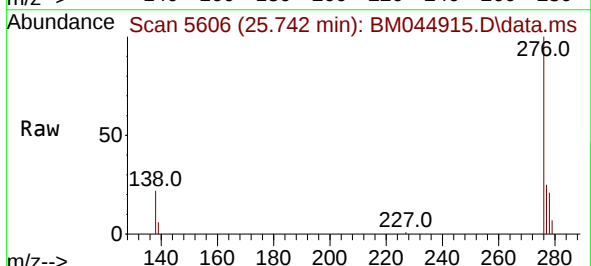
Manual Integrations
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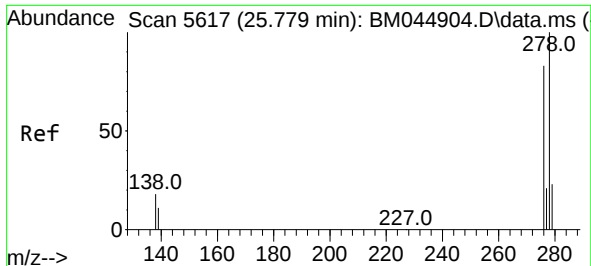
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.183 ng/ul
RT: 25.742 min Scan# 5606
Delta R.T. -0.014 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

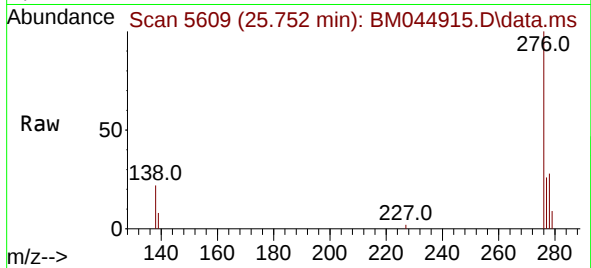
Tgt Ion:276 Resp: 251148
Ion Ratio Lower Upper
276 100
138 20.7 0.0 0.0#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.731 ng/ul
RT: 25.752 min Scan# 5609
Delta R.T. -0.031 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

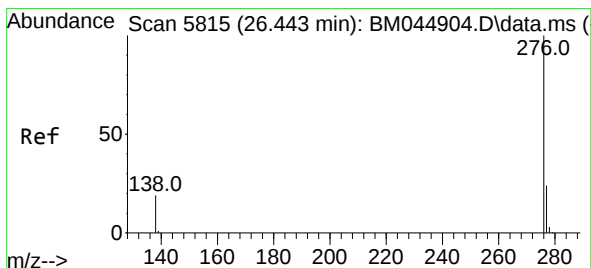
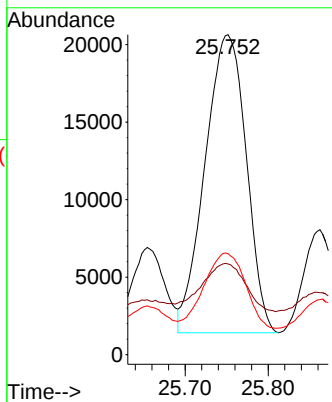
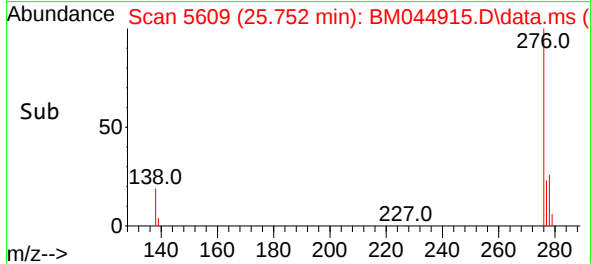
Instrument :
BNA_M
ClientSampleId :
E0LY5MSD



Tgt Ion:278 Resp: 66434
Ion Ratio Lower Upper
278 100
139 28.4 13.6 20.4
279 31.5 23.0 34.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#29
Benzo(g,h,i)perylene
Concen: 5.294 ng/ul
RT: 26.429 min Scan# 5811
Delta R.T. -0.011 min
Lab File: BM044915.D
Acq: 04 Apr 2024 15:24

Tgt Ion:276 Resp: 221232
Ion Ratio Lower Upper
276 100
138 22.2 16.8 25.2
277 25.2 20.3 30.5

