

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040514.D
 Acq On : 01 Jul 2023 22:19
 Operator : MA/JU
 Sample : 03242-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:15:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	7596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	27356	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	14544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	30239	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	18937	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	16977	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	51654	4.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	11361	0.296	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	21434	0.353	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.789	128	20564	0.273	ng/ul	97
7) 2-Methylnaphthalene	12.400	142	14382	0.325	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	10442	0.236	ng/ul	99
10) Acenaphthylene	14.295	152	31372	0.483	ng/ul	99
11) Acenaphthene	14.633	153	7968	0.145	ng/ul	98
12) Fluorene	15.623	166	7718	0.132	ng/ul#	98
15) Phenanthrene	17.362	178	222504	2.369	ng/ul	98
16) Anthracene	17.451	178	36382	0.461	ng/ul	99
19) Fluoranthene	19.375	202	658996	8.192	ng/ul	96
20) Pyrene	19.737	202	534813	6.201	ng/ul	99
21) Benzo(a)anthracene	21.483	228	259849	4.057	ng/ul	98
22) Chrysene	21.538	228	305798m	4.185	ng/ul	
24) Benzo(b)fluoranthene	23.175	252	459148	6.988	ng/ul	89
25) Benzo(k)fluoranthene	23.219	252	161790m	2.499	ng/ul	
26) Benzo(a)pyrene	23.804	252	265414	4.485	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.410	276	230830	2.801	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.417	278	56309	0.873	ng/ul	96
29) Benzo(g,h,i)perylene	27.182	276	205483	2.844	ng/ul	95

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

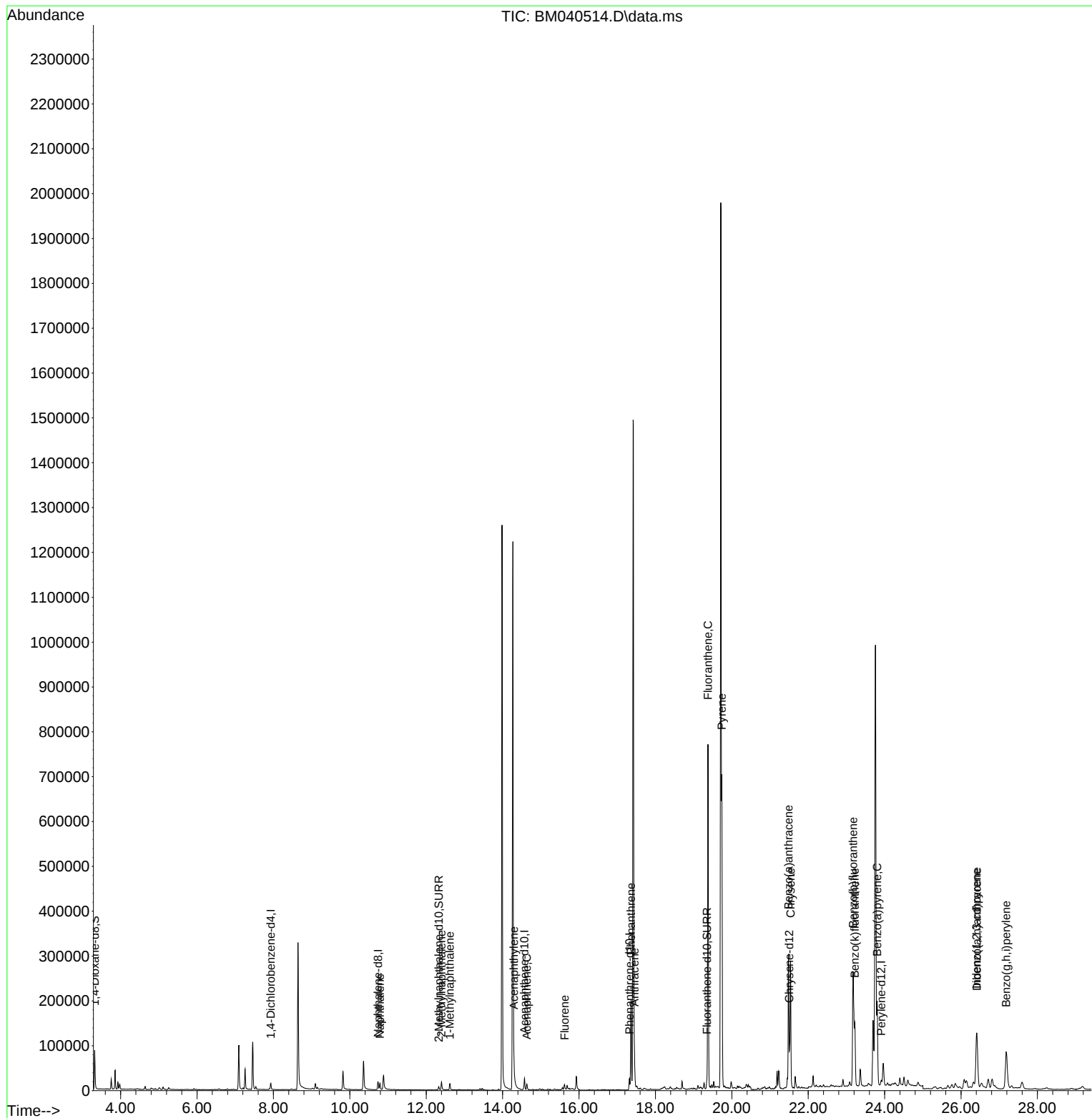
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040514.D
Acq On : 01 Jul 2023 22:19
Operator : MA/JU
Sample : 03242-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

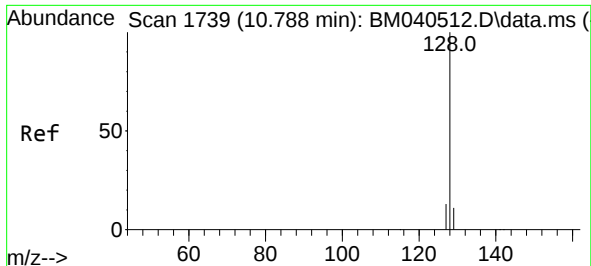
Instrument :
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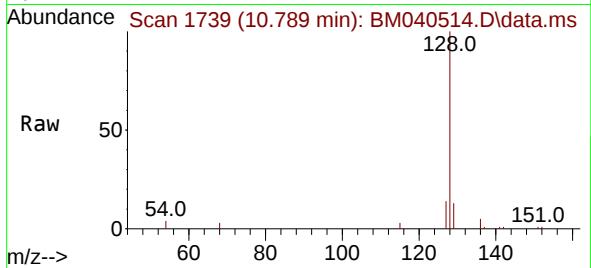
Quant Time: Jul 02 05:15:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.273 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

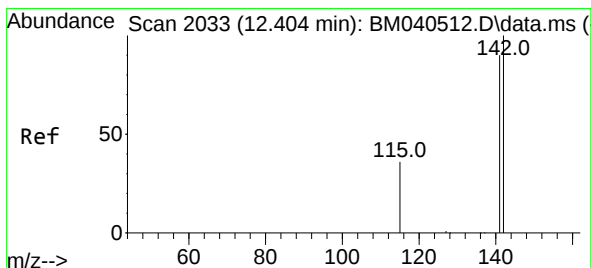
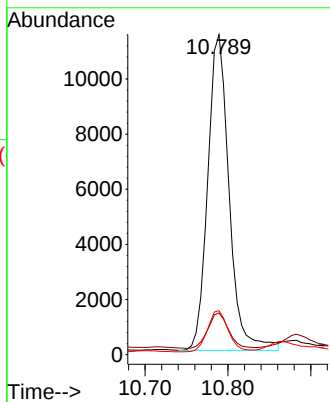
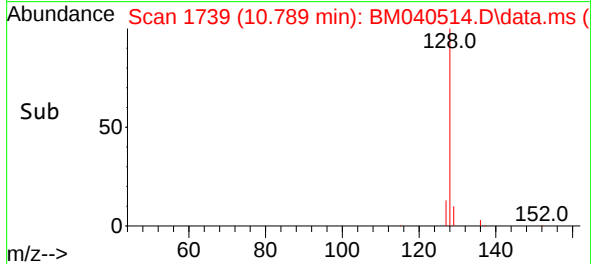
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:128 Resp: 20564
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.7 10.6 15.8

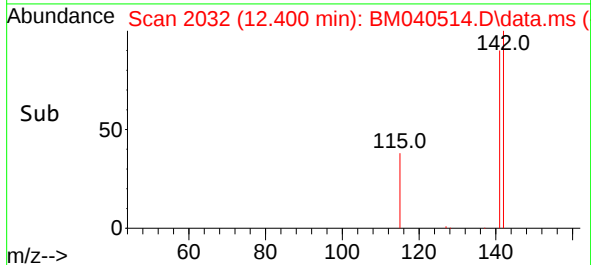
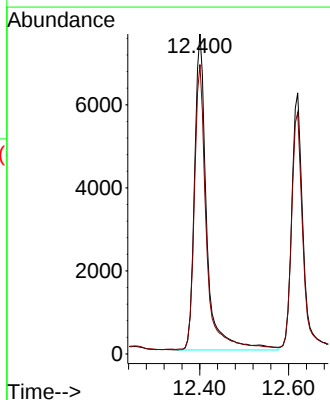
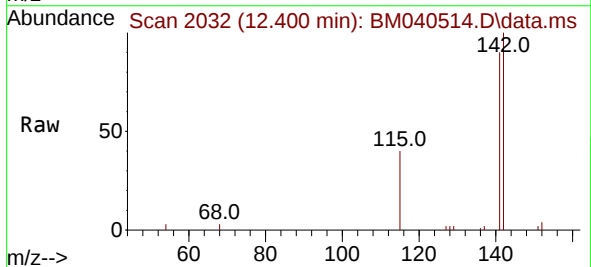
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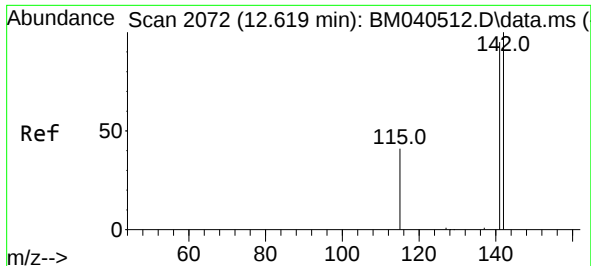
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

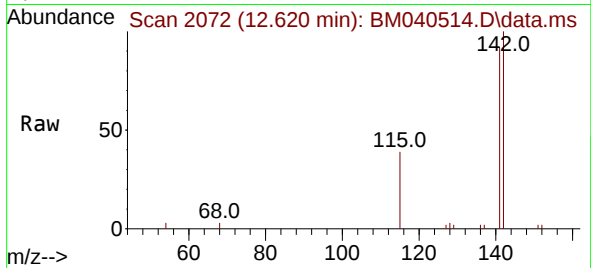
Tgt Ion:142 Resp: 14382
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

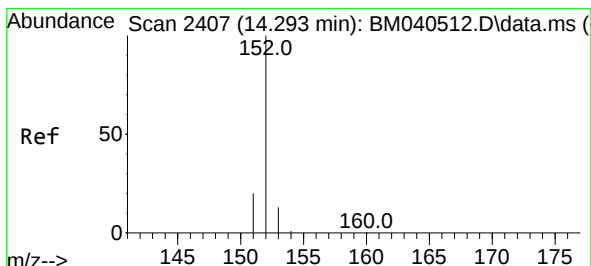
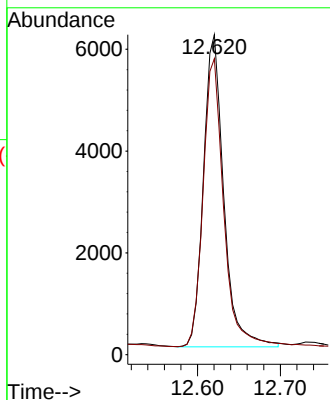
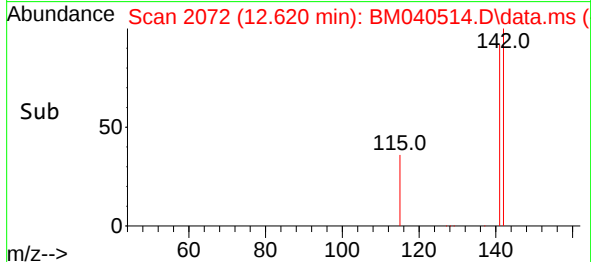
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:142 Resp: 1044
Ion Ratio Lower Upper
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141 92.8 73.7 110.5

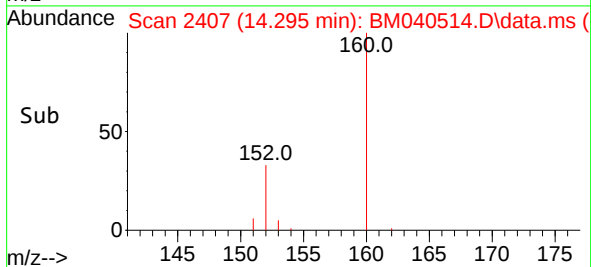
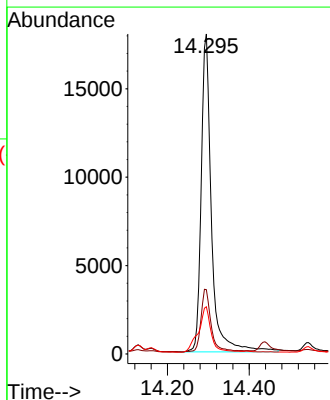
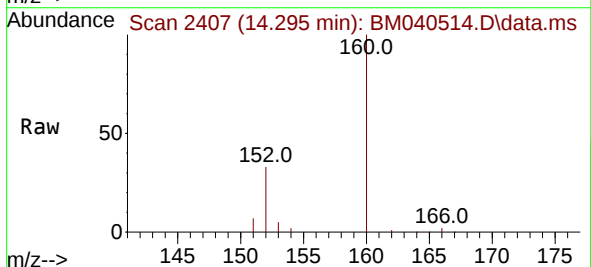
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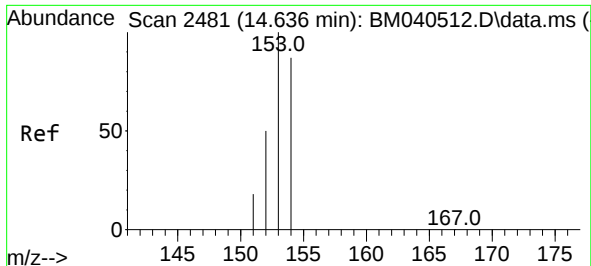
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

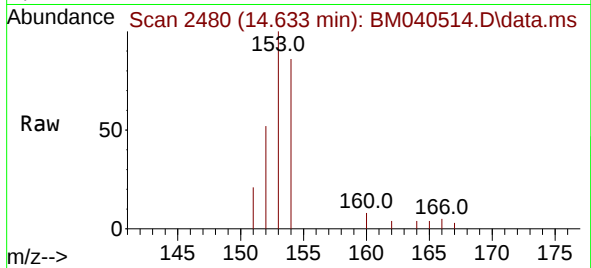
Tgt Ion:152 Resp: 31372
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.145 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

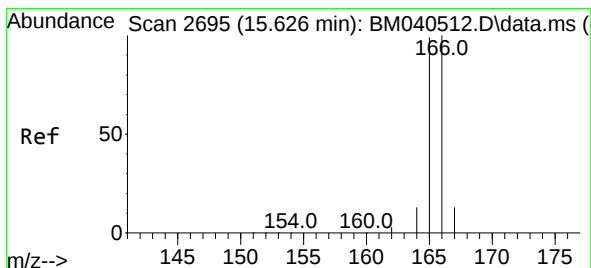
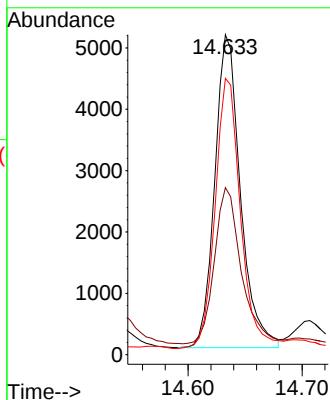
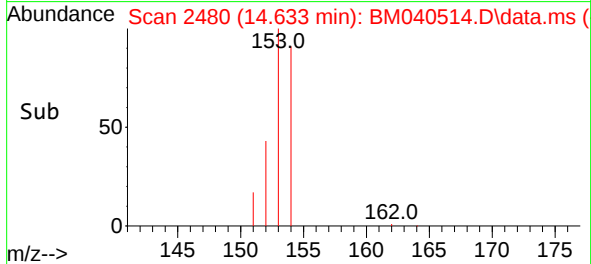
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:153 Resp: 7968
Ion Ratio Lower Upper
153 100
152 52.2 41.0 61.4
154 86.3 70.8 106.2

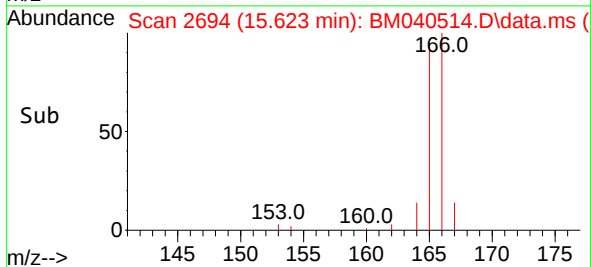
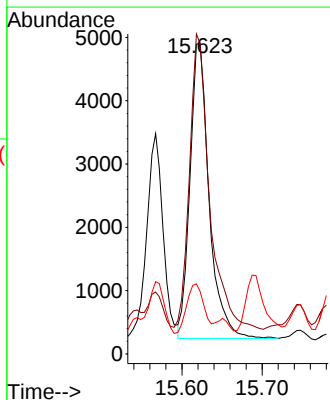
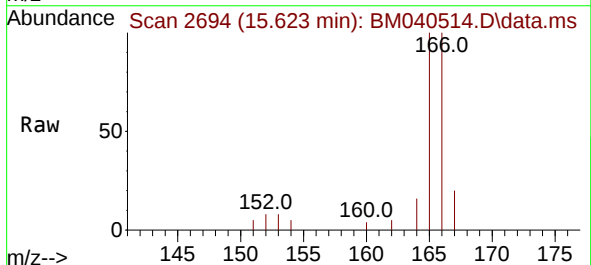
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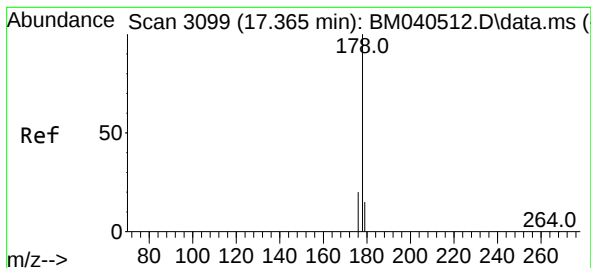
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

Tgt Ion:166 Resp: 7718
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 20.1 11.4 17.0#





#15

Phenanthrene

Concen: 2.369 ng/u1

RT: 17.362 min Scan# 3099

Delta R.T. -0.008 min

Lab File: BM040514.D

Acq: 01 Jul 2023 22:19

Instrument :

BNA_M

ClientSampleId :

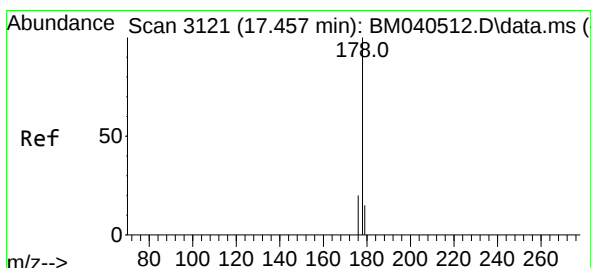
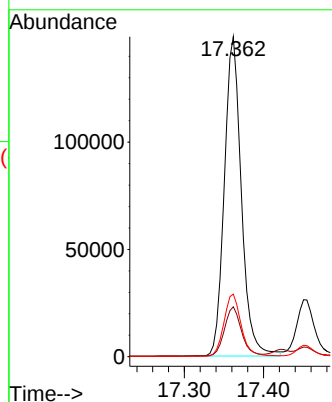
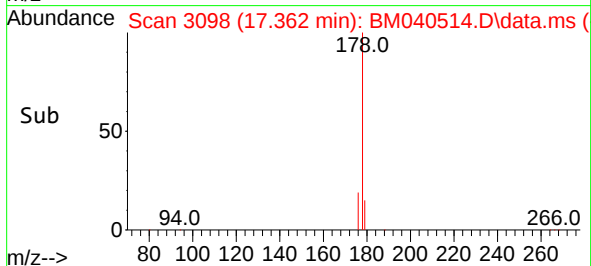
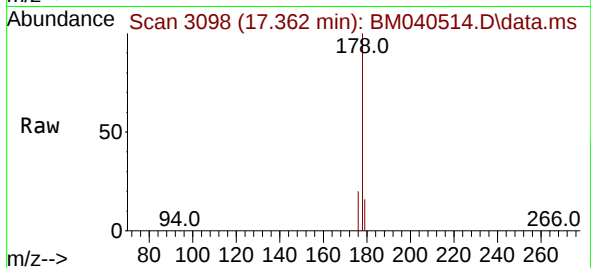
DCFZ8

Tgt Ion:178	Resp: 222504
Ion Ratio	Lower Upper
178	100
179	15.6 12.8 19.2
176	19.5 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16

Anthracene

Concen: 0.461 ng/u1

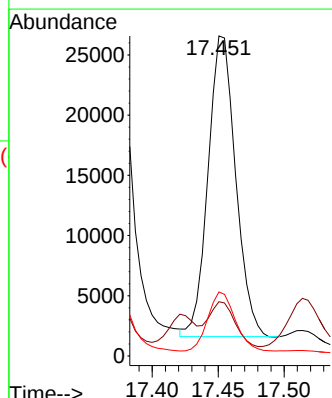
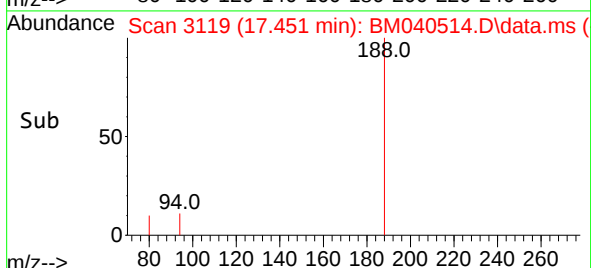
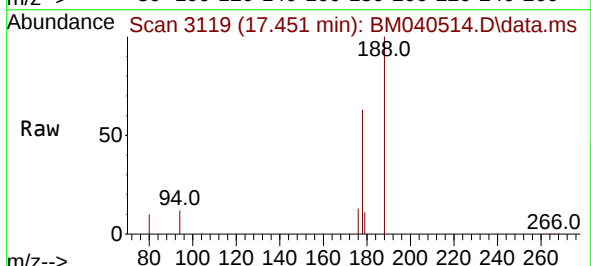
RT: 17.451 min Scan# 3119

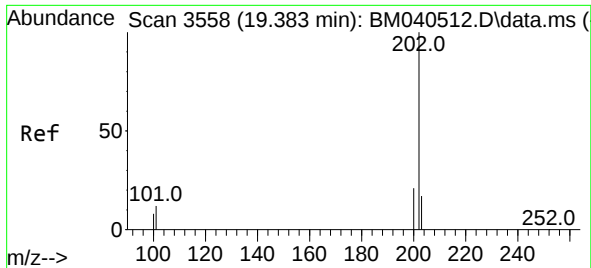
Delta R.T. -0.012 min

Lab File: BM040514.D

Acq: 01 Jul 2023 22:19

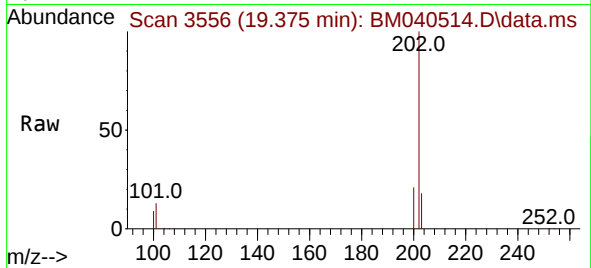
Tgt Ion:178	Resp: 36382
Ion Ratio	Lower Upper
178	100
179	16.9 12.9 19.3
176	20.0 15.8 23.6





#19
Fluoranthene
Concen: 8.192 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

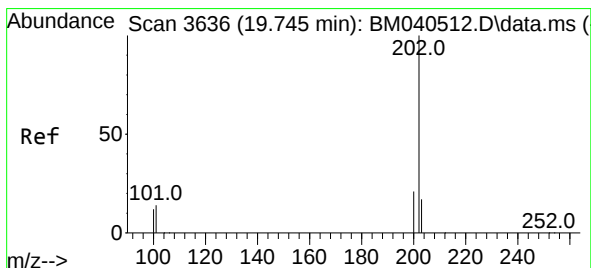
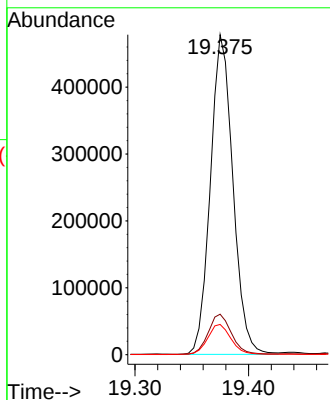
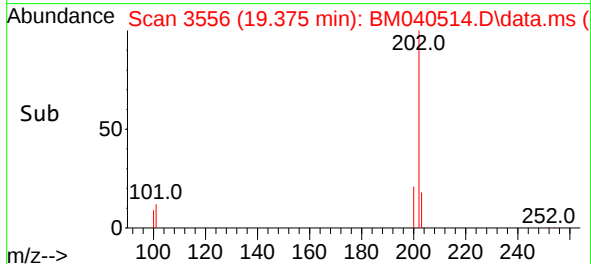
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:202 Resp: 658990
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.5 8.7 13.1

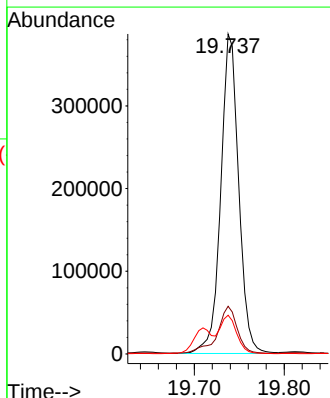
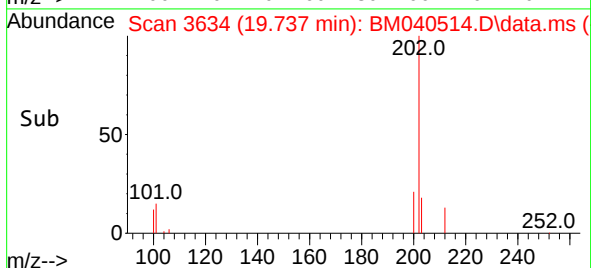
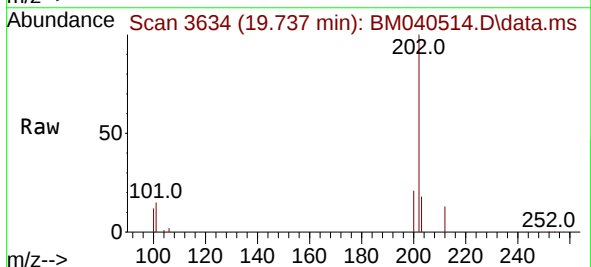
Manual Integrations
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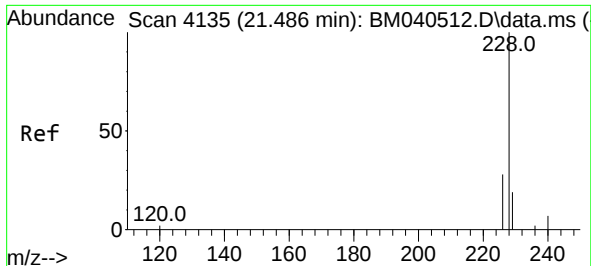
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 6.201 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

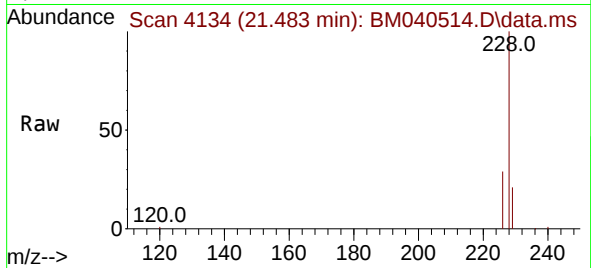
Tgt Ion:202 Resp: 534813
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.057 ng/ul
RT: 21.483 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

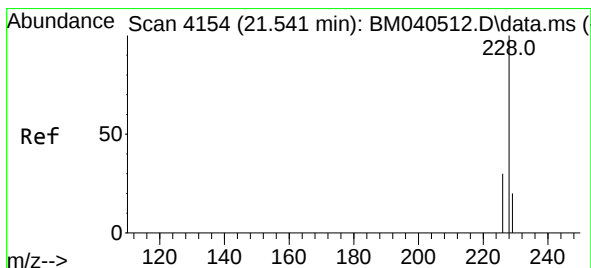
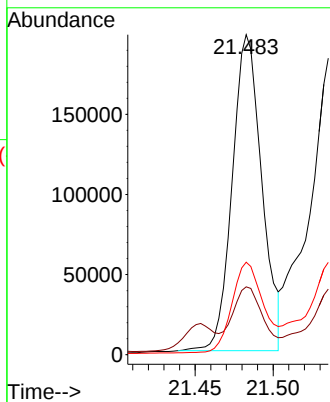
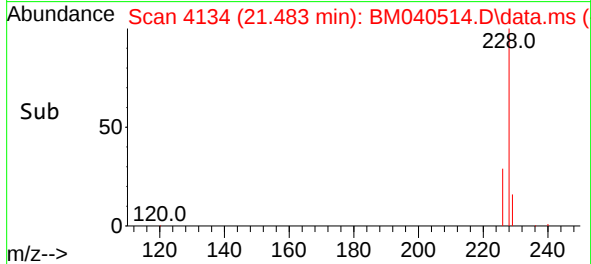
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:228 Resp: 259849
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.9 22.3 33.5

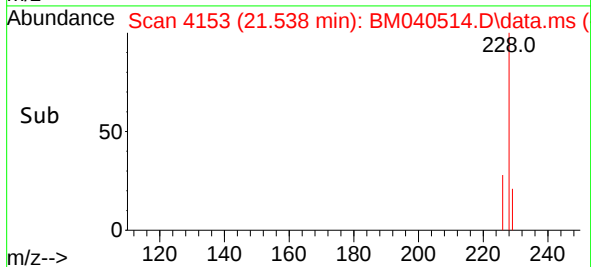
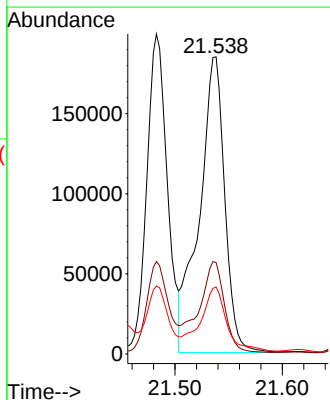
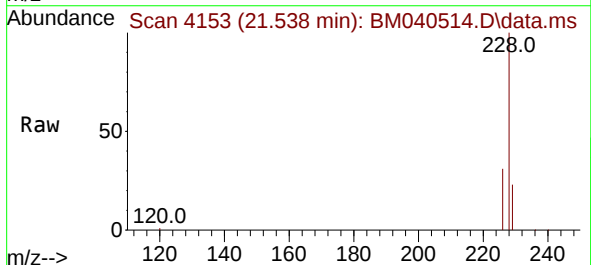
Manual Integrations
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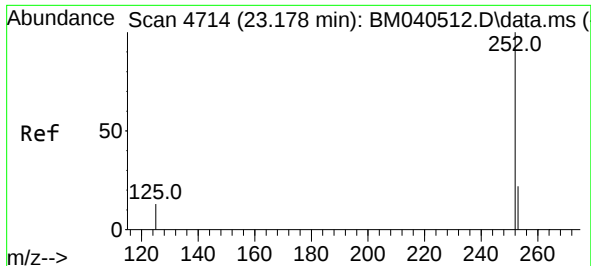
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 4.185 ng/ul m
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

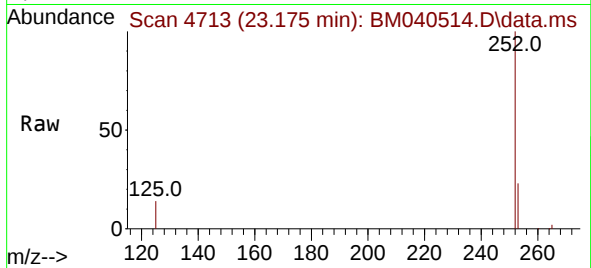
Tgt Ion:228 Resp: 305798
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.988 ng/ul
RT: 23.175 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

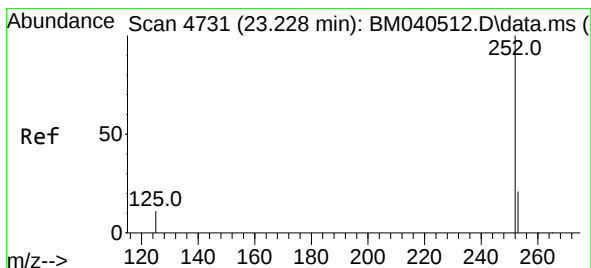
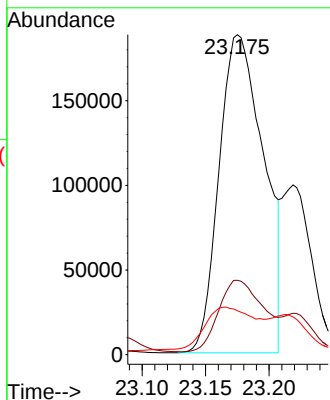
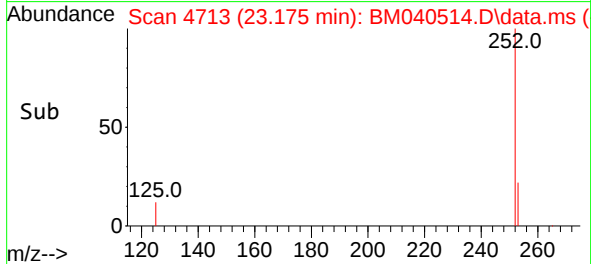
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:252 Resp: 45914
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.8
125 13.8 0.0 43.0

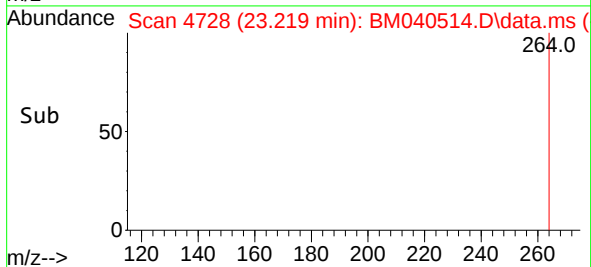
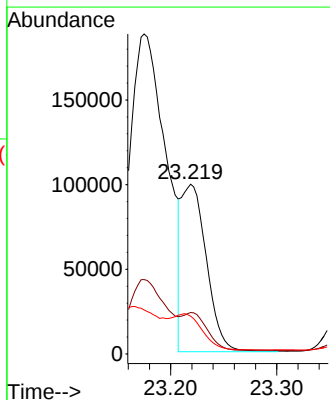
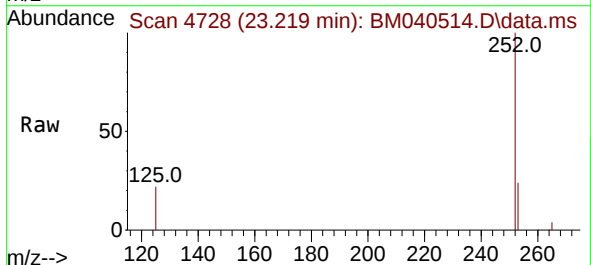
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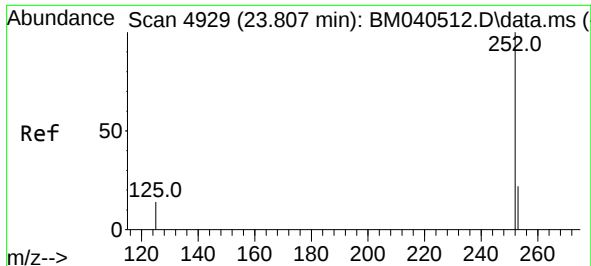
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 2.499 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

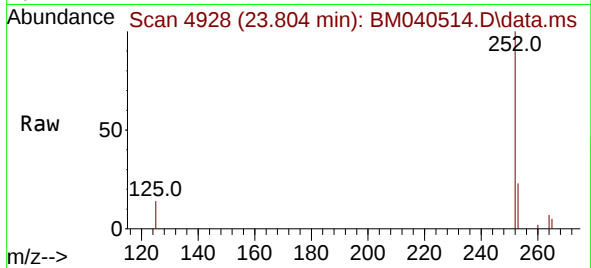
Tgt Ion:252 Resp: 161790
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 22.2 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.485 ng/ul
RT: 23.804 min Scan# 4929
Delta R.T. -0.009 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

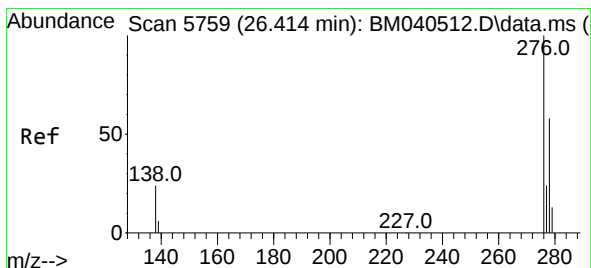
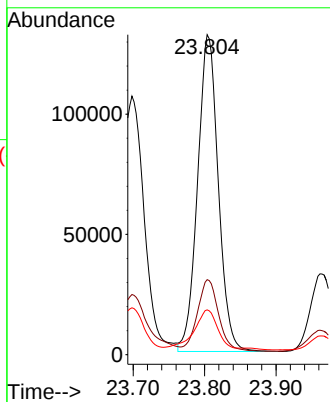
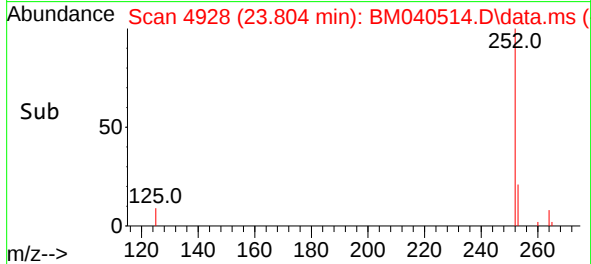
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:252 Resp: 265414
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 14.0 21.0 31.4

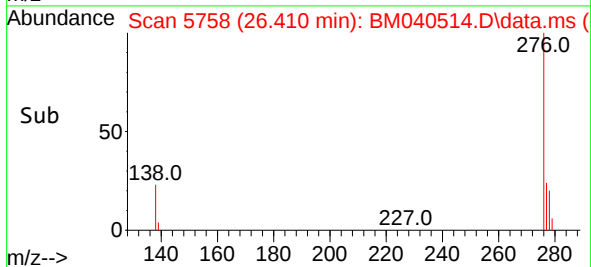
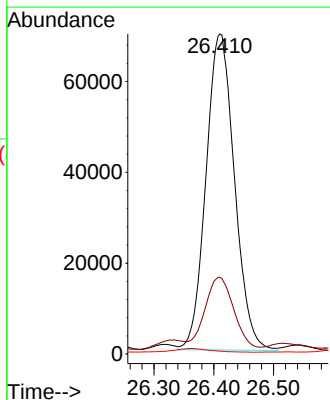
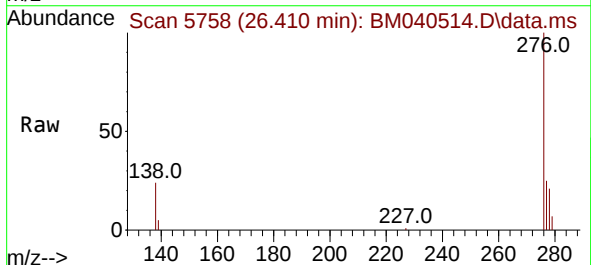
Manual Integrations
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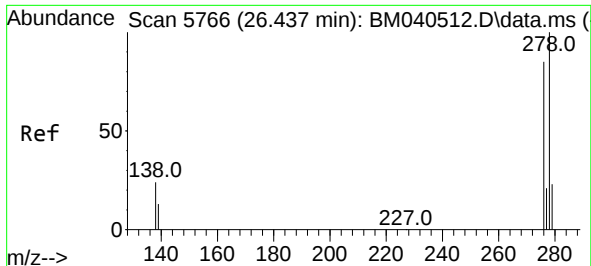
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.801 ng/ul
RT: 26.410 min Scan# 5758
Delta R.T. -0.010 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

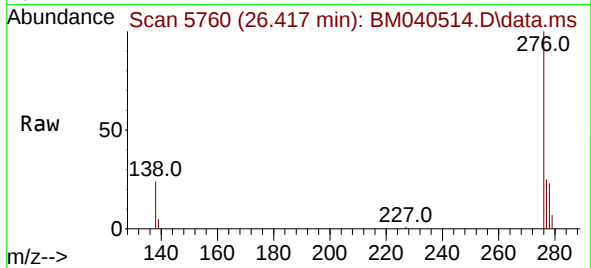
Tgt Ion:276 Resp: 230830
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.873 ng/ul
RT: 26.417 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

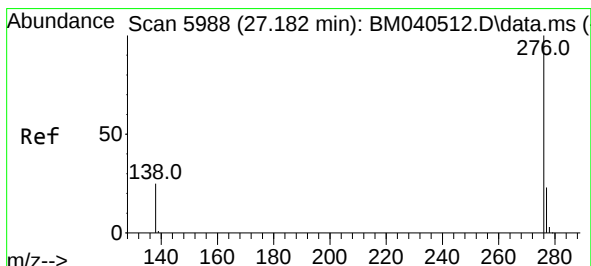
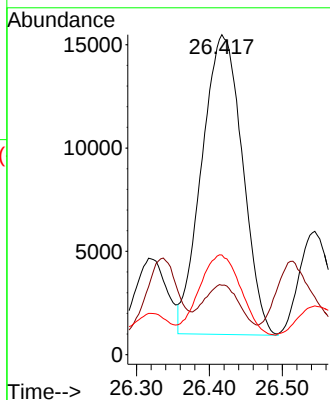
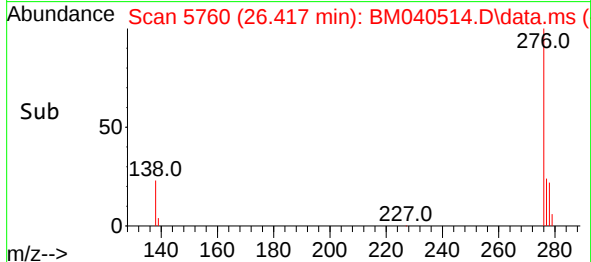
Instrument :
BNA_M
ClientSampleId :
DCFZ8



Tgt Ion:278 Resp: 56309
Ion Ratio Lower Upper
278 100
139 21.7 17.9 26.9
279 31.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 2.844 ng/ul
RT: 27.182 min Scan# 5988
Delta R.T. -0.003 min
Lab File: BM040514.D
Acq: 01 Jul 2023 22:19

Tgt Ion:276 Resp: 205483
Ion Ratio Lower Upper
276 100
138 24.9 23.0 34.6
277 23.9 20.3 30.5

