

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040518.D
 Acq On : 02 Jul 2023 00:49
 Operator : MA/JU
 Sample : 03242-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA2

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:16:40 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	8043	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	29135	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	16879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	34792	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	21192	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	20609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	46634	3.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	11381	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	22427	0.330	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	9164	0.114	ng/ul#	93
7) 2-Methylnaphthalene	12.400	142	4727	0.100	ng/ul	98
8) 1-Methylnaphthalene	12.620	142	2911	0.062	ng/ul	97
10) Acenaphthylene	14.295	152	6823	0.090	ng/ul#	90
11) Acenaphthene	14.637	153	6234	0.098	ng/ul	99
12) Fluorene	15.623	166	4183	0.062	ng/ul#	96
15) Phenanthrene	17.362	178	90742	0.840	ng/ul	99
16) Anthracene	17.455	178	14505	0.160	ng/ul	96
19) Fluoranthene	19.380	202	227640	2.529	ng/ul	96
20) Pyrene	19.742	202	166175m	1.722	ng/ul	
21) Benzo(a)anthracene	21.486	228	92504	1.290	ng/ul	97
22) Chrysene	21.541	228	112846	1.380	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	156453	1.962	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	52381m	0.666	ng/ul	
26) Benzo(a)pyrene	23.809	252	91973	1.280	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.420	276	80283	0.802	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.427	278	19377	0.247	ng/ul#	78
29) Benzo(g,h,i)perylene	27.195	276	72981	0.832	ng/ul	98

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

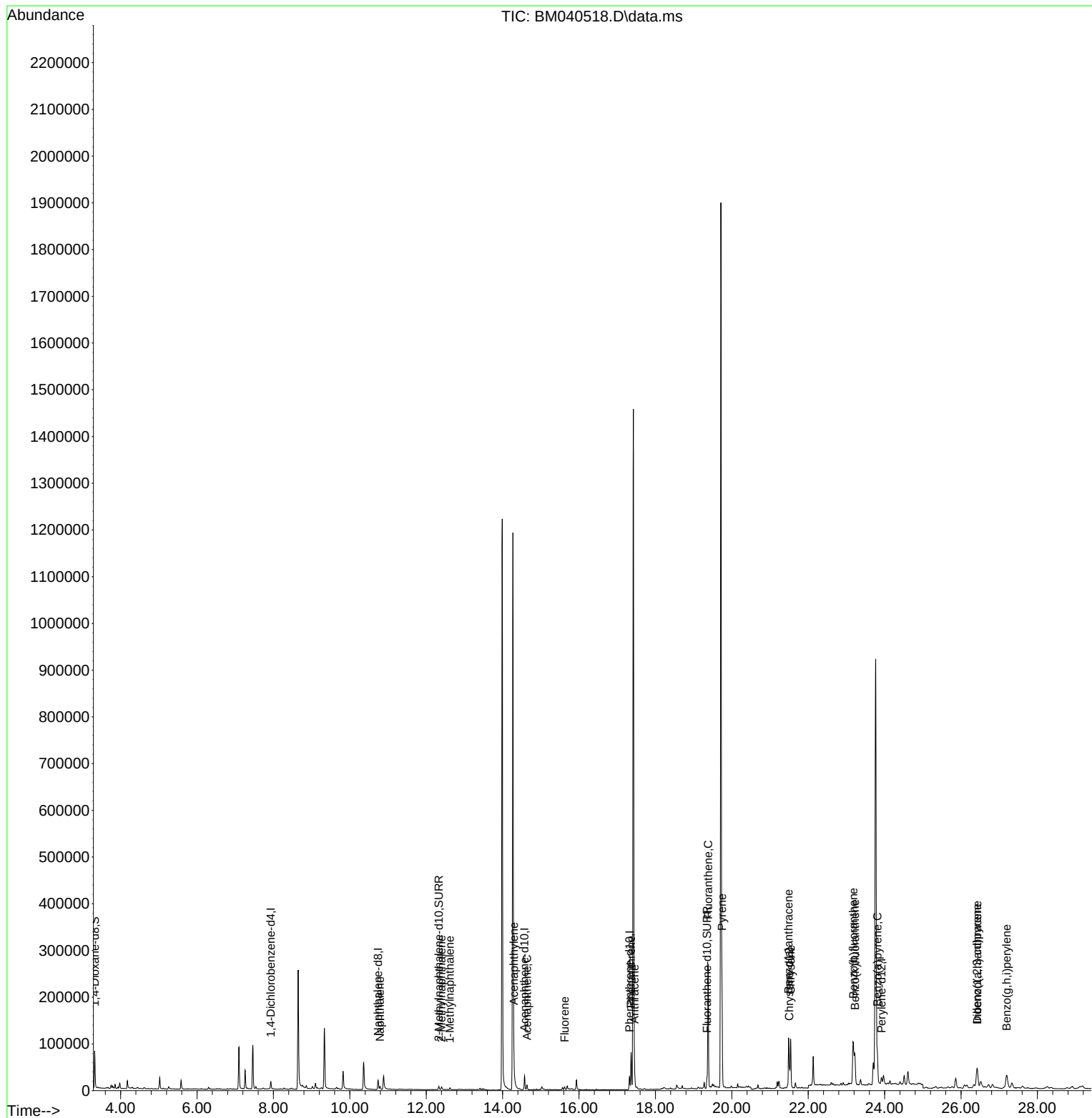
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040518.D
Acq On : 02 Jul 2023 00:49
Operator : MA/JU
Sample : 03242-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

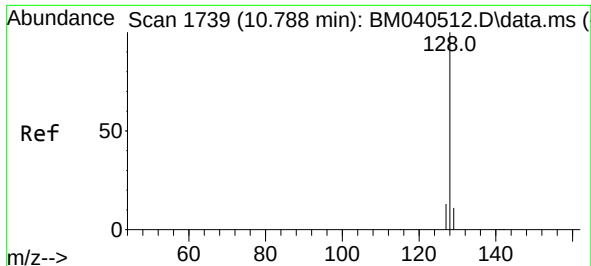
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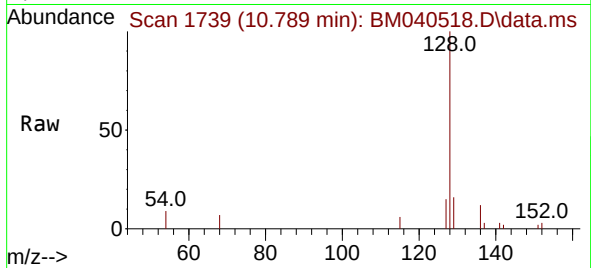
Quant Time: Jul 02 05:16:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

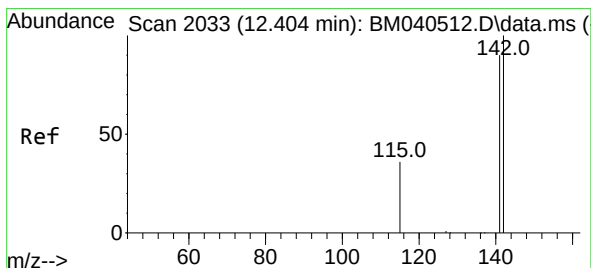
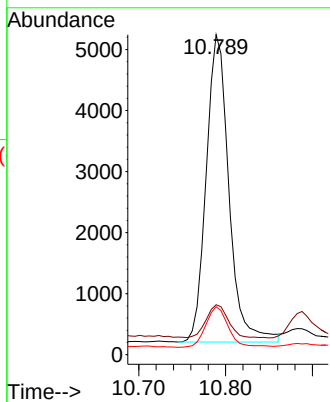
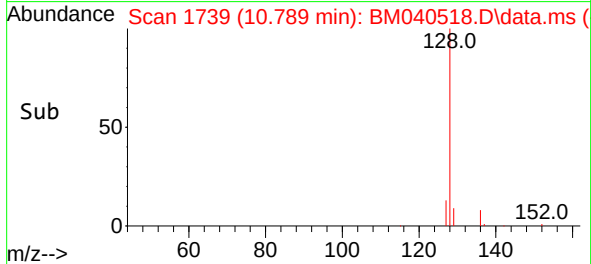
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:128 Resp: 9164
Ion Ratio Lower Upper
128 100
129 15.6 9.2 13.8
127 15.0 10.6 15.8

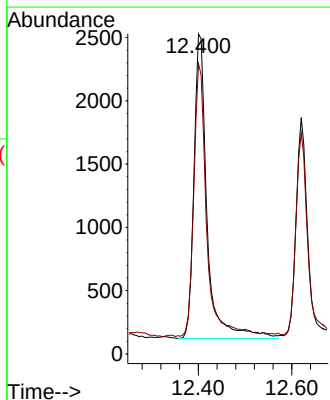
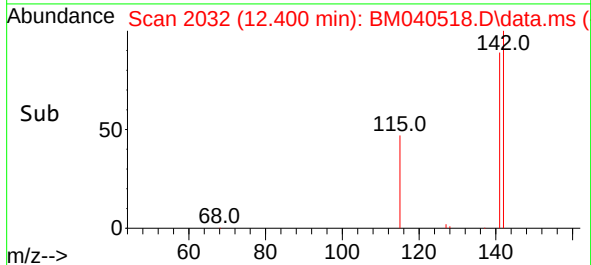
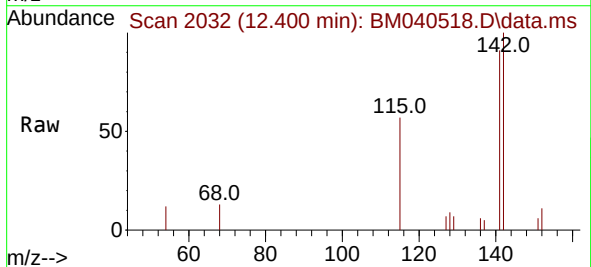
Manual Integrations
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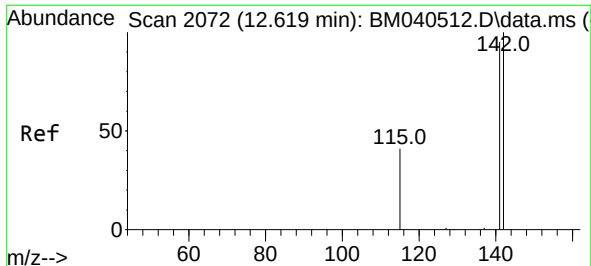
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

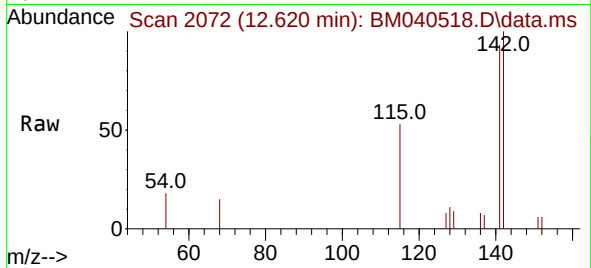
Tgt Ion:142 Resp: 4727
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

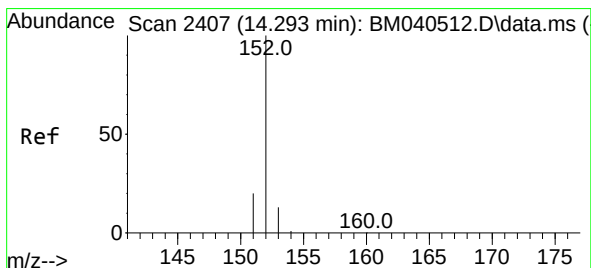
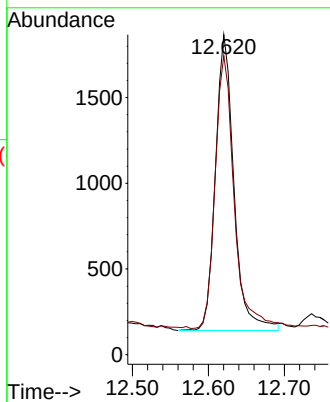
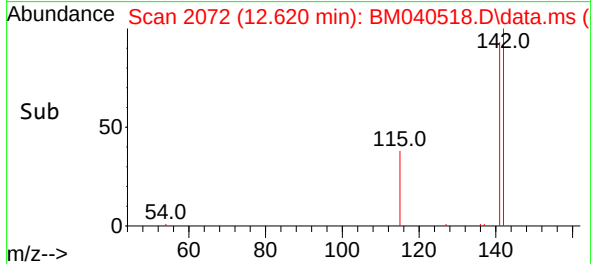
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:142 Resp: 291
Ion Ratio Lower Upper
142 100
141 94.7 73.7 110.5

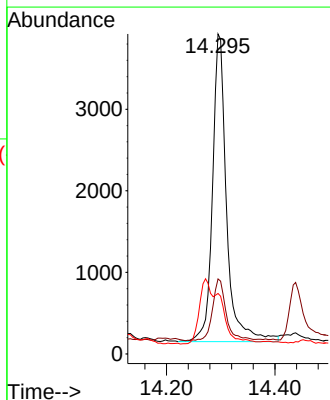
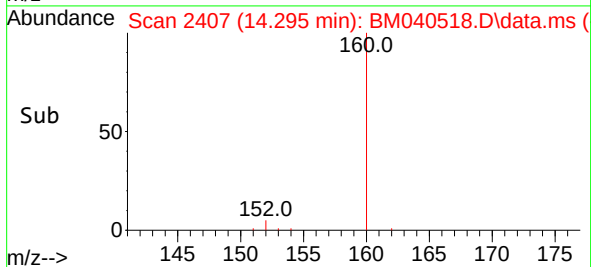
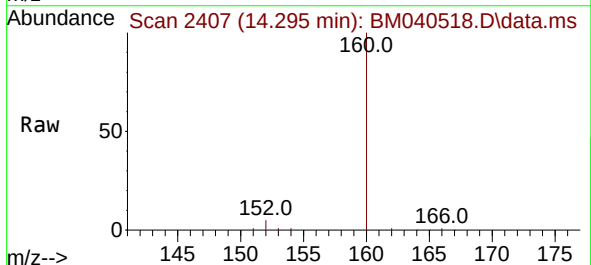
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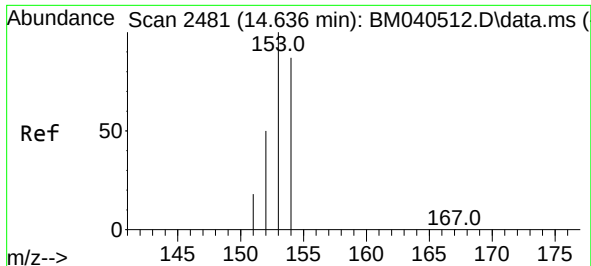
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

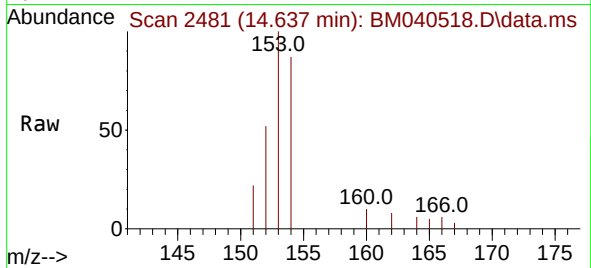
Tgt Ion:152 Resp: 6823
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 18.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

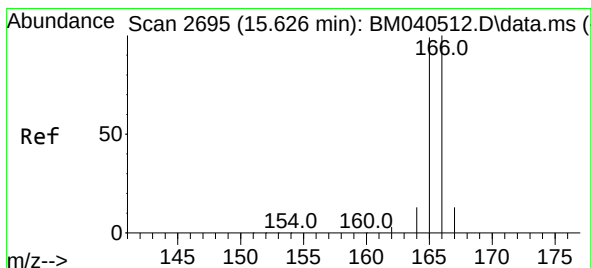
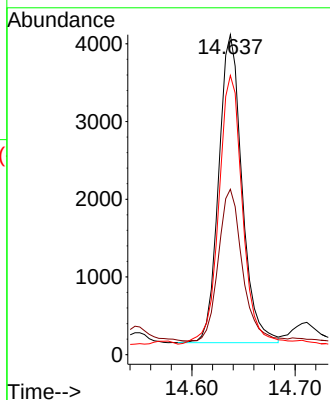
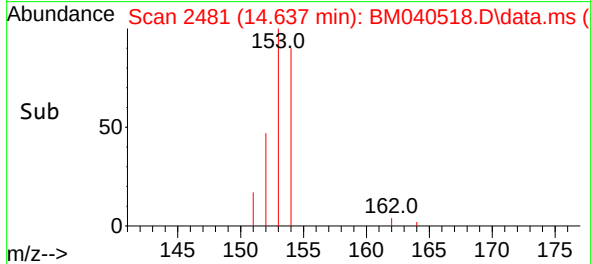
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:153 Resp: 6234
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.4
154 87.2 70.8 106.2

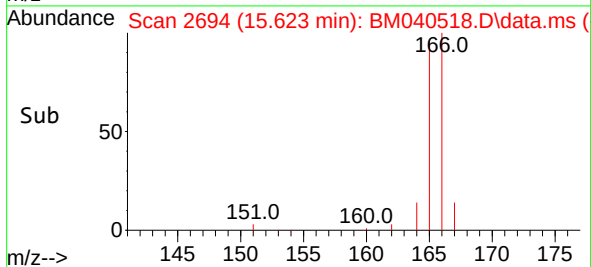
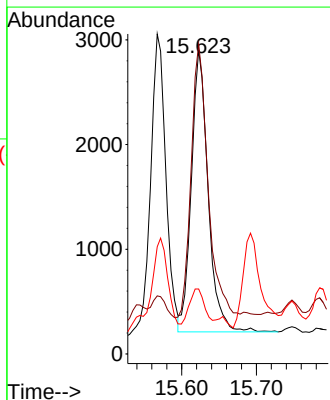
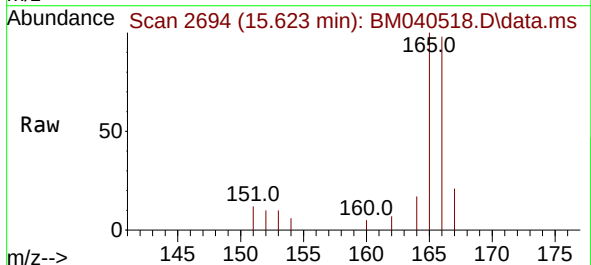
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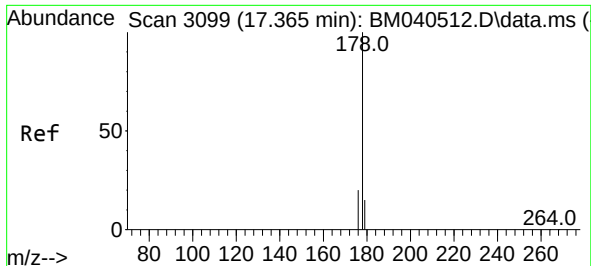
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

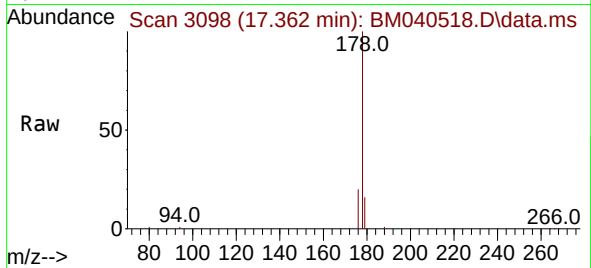
Tgt Ion:166 Resp: 4183
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 21.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.840 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

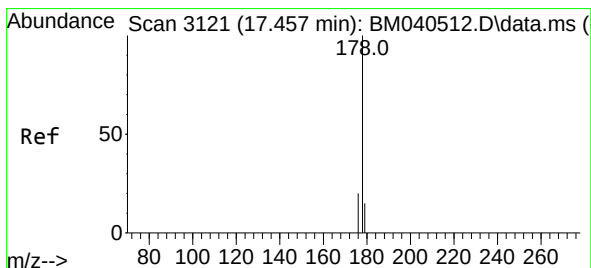
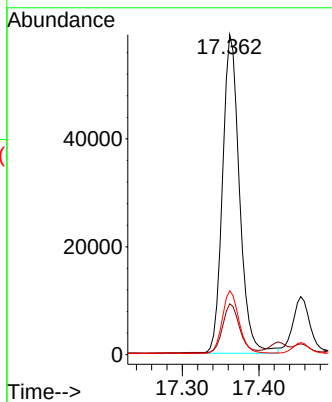
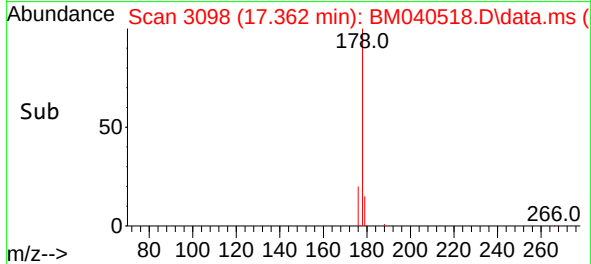
Instrument :
BNA_M
ClientSampleId :
DCGA2



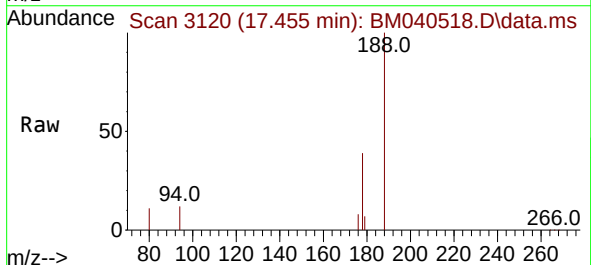
Tgt Ion:178 Resp: 90742
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.9 16.4 24.6

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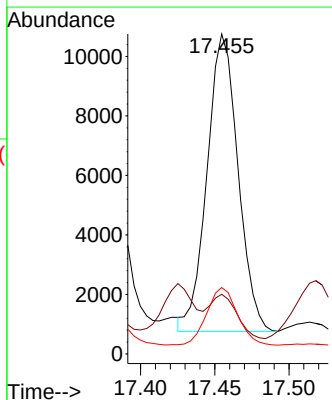
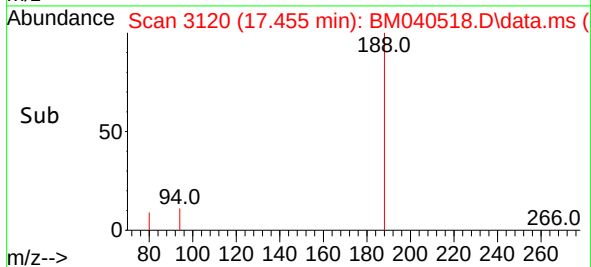
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

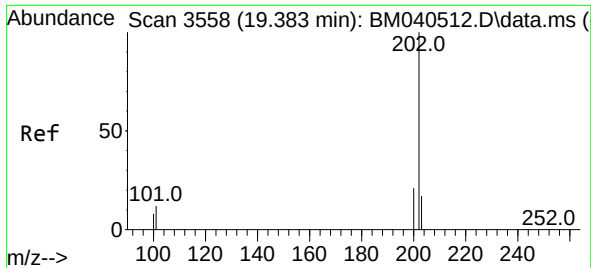


#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49



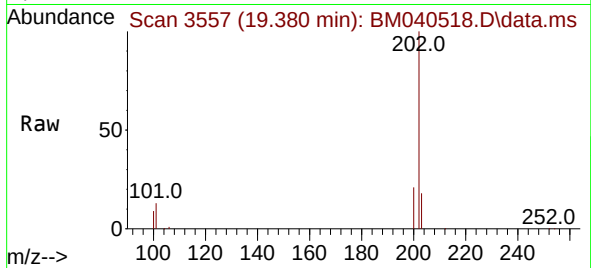
Tgt Ion:178 Resp: 14505
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 20.8 15.8 23.6





#19
Fluoranthene
Concen: 2.529 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

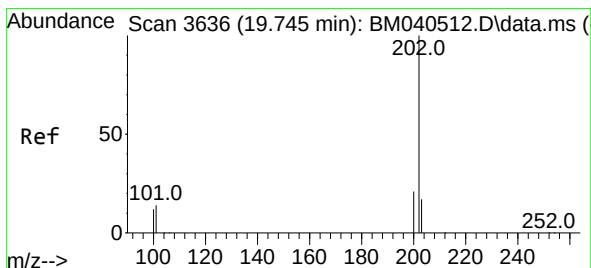
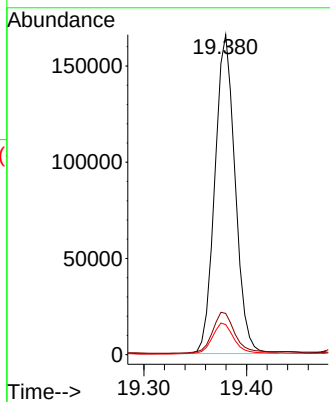
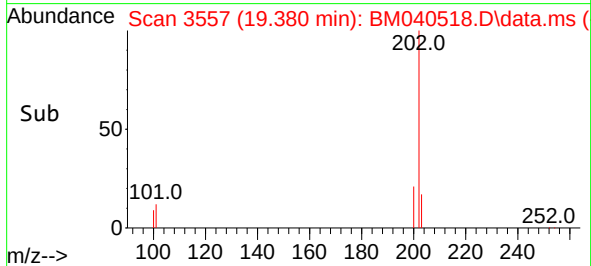
Instrument :
BNA_M
ClientSampleId :
DCGA2



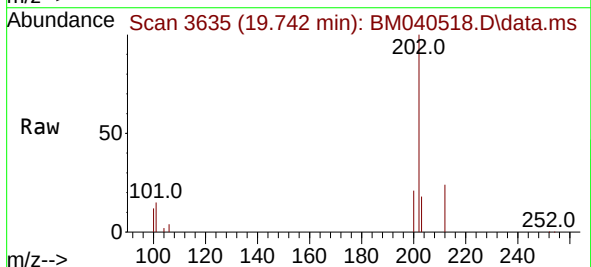
Tgt Ion:202 Resp: 227640
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.4 8.7 13.1

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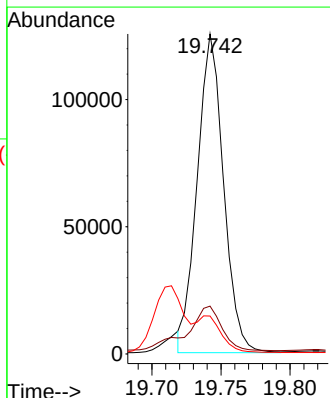
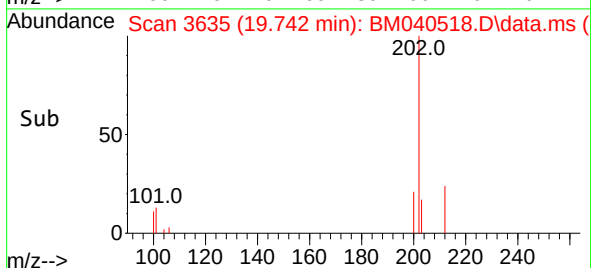
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

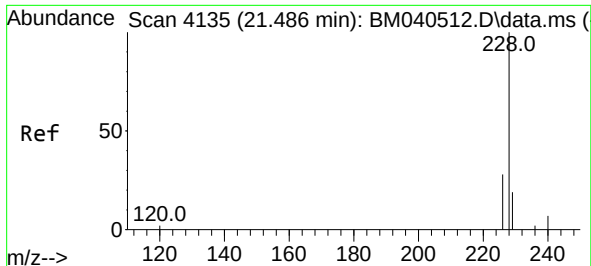


#20
Pyrene
Concen: 1.722 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49



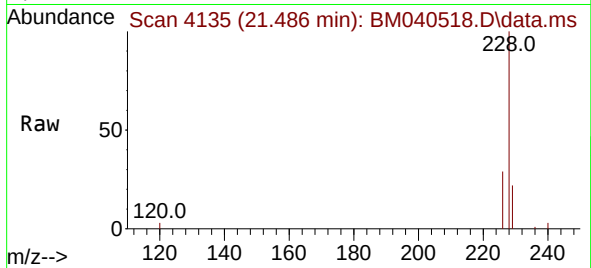
Tgt Ion:202 Resp: 166175
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.290 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

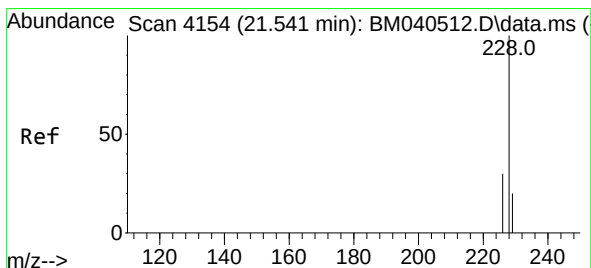
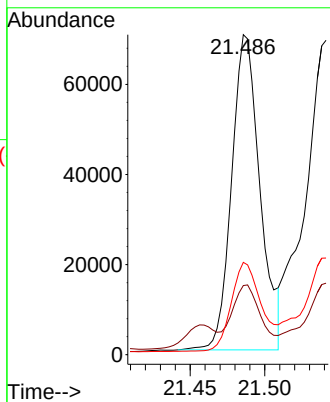
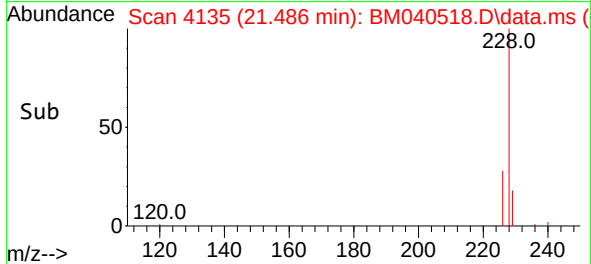
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:228 Resp: 92504
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 28.9 22.3 33.5

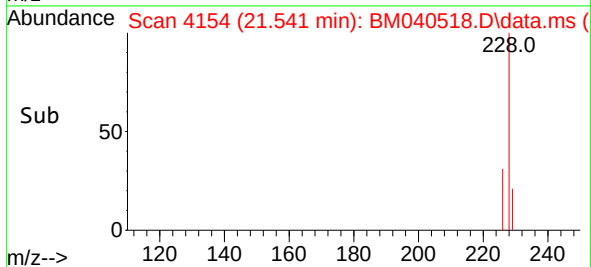
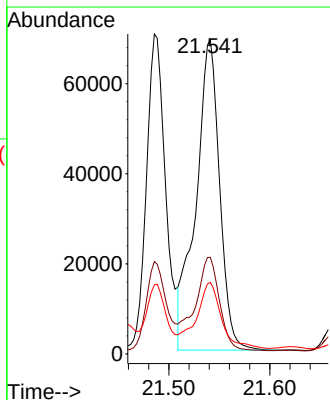
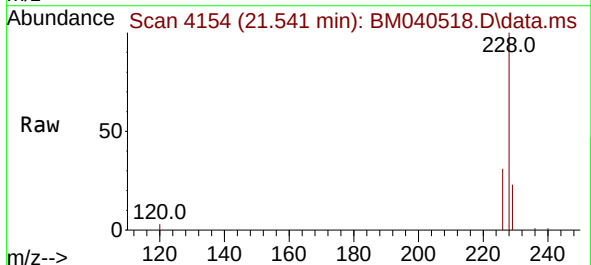
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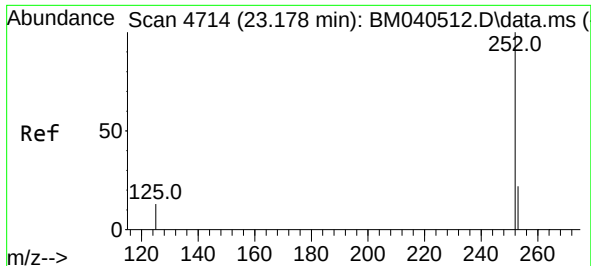
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 1.380 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

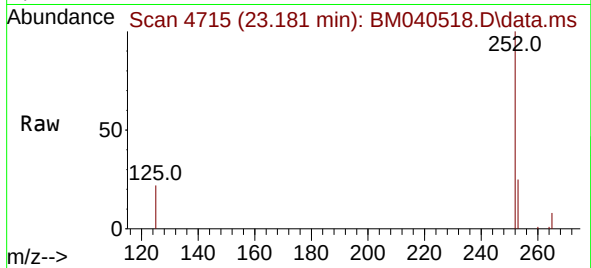
Tgt Ion:228 Resp: 112846
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.962 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

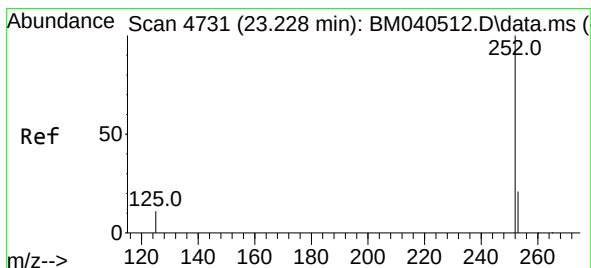
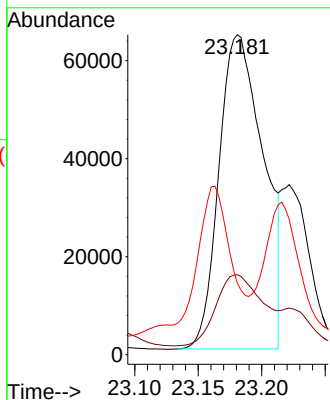
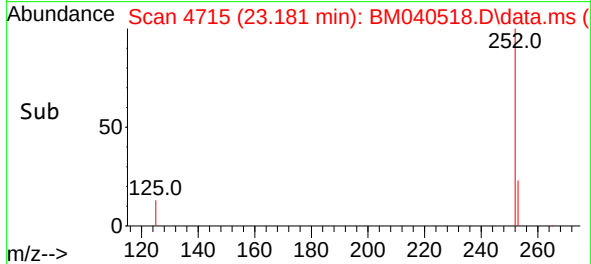
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:252 Resp: 15645
Ion Ratio Lower Upper
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253 25.0 0.0 52.8
125 22.4 0.0 43.0

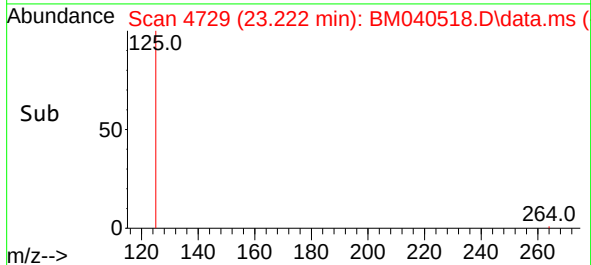
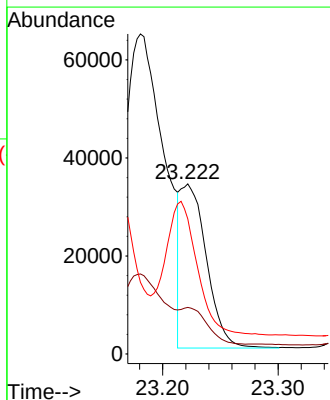
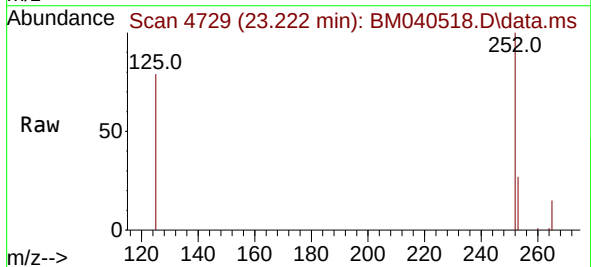
Manual Integrations
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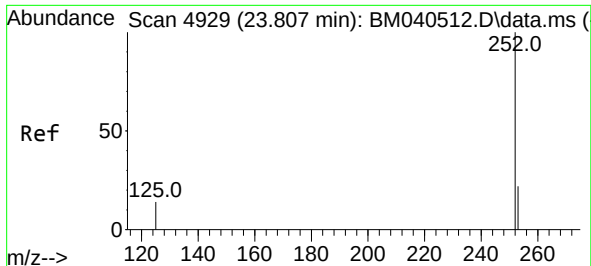
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

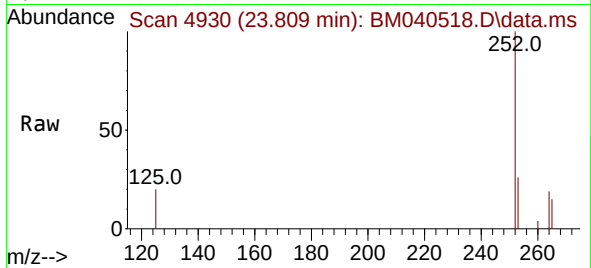
Tgt Ion:252 Resp: 52381
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 79.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.280 ng/ul
RT: 23.809 min Scan# 4929
Delta R.T. -0.003 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

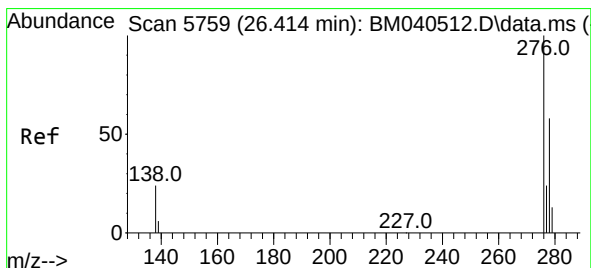
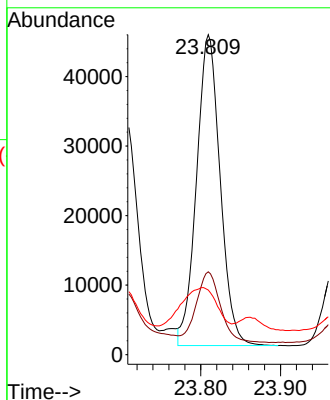
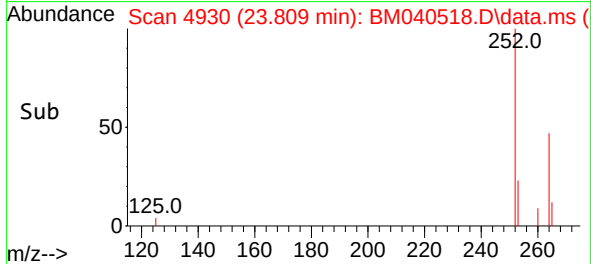
Instrument :
BNA_M
ClientSampleId :
DCGA2



Tgt Ion:252 Resp: 9197
Ion Ratio Lower Upper
252 100
253 25.9 22.9 34.3
125 20.2 21.0 31.4

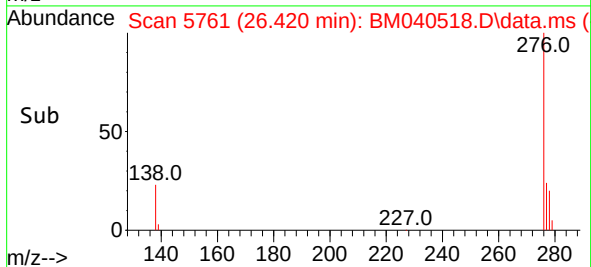
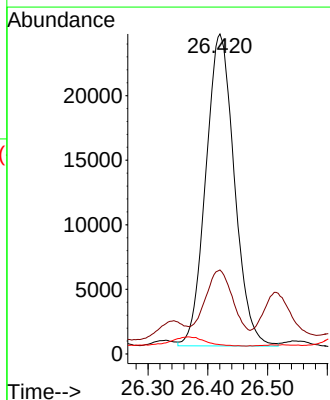
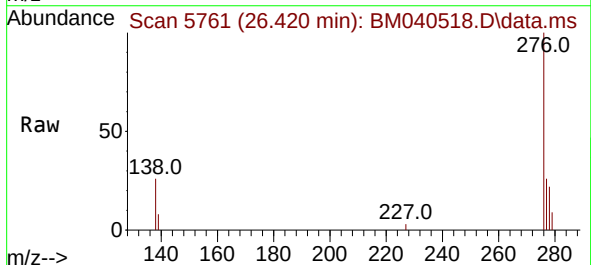
Manual Integrations
APPROVED

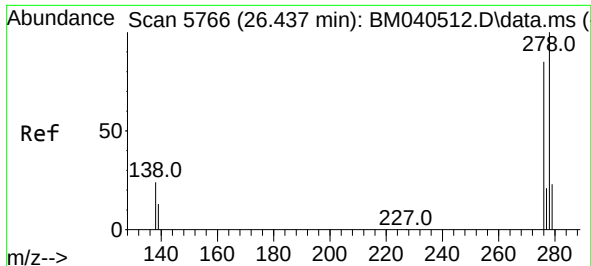
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.802 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

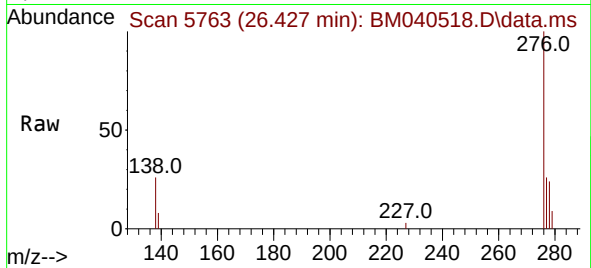
Tgt Ion:276 Resp: 80283
Ion Ratio Lower Upper
276 100
138 20.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49

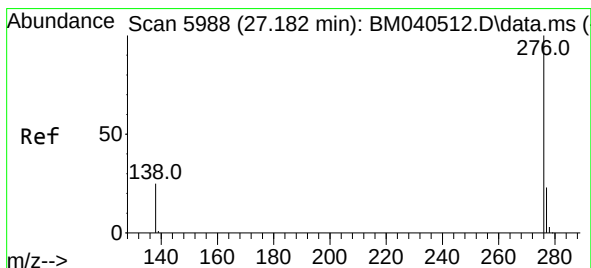
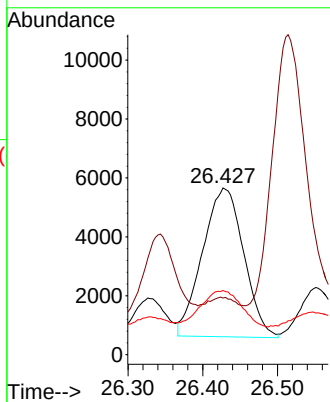
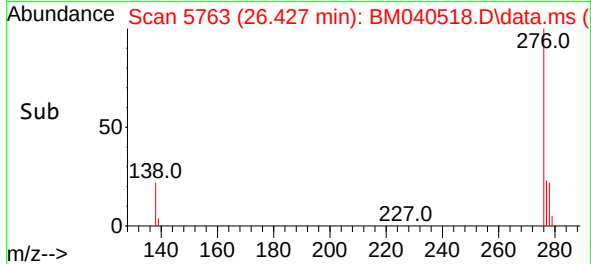
Instrument :
BNA_M
ClientSampleId :
DCGA2



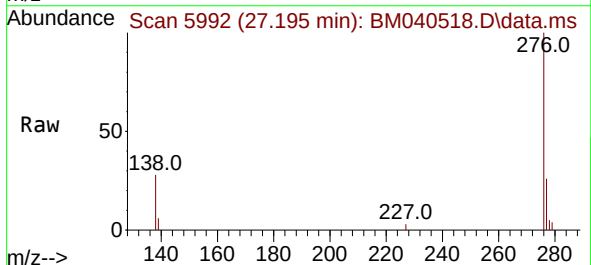
Tgt Ion:278 Resp: 1937
Ion Ratio Lower Upper
278 100
139 34.0 17.9 26.9
279 38.5 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.832 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040518.D
Acq: 02 Jul 2023 00:49



Tgt Ion:276 Resp: 72981
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.6
277 25.9 20.3 30.5

