

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040515.D
 Acq On : 01 Jul 2023 22:56
 Operator : MA/JU
 Sample : 03242-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ9

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:16:07 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	6897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24939	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	14322	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	29314	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	18384	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	16085	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	45893	4.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	11039	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	21975	0.373	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.789	128	30606	0.445	ng/ul	99
7) 2-Methylnaphthalene	12.400	142	18215	0.451	ng/ul	97
8) 1-Methylnaphthalene	12.620	142	11898	0.295	ng/ul	99
10) Acenaphthylene	14.295	152	22653	0.354	ng/ul	96
11) Acenaphthene	14.633	153	12179	0.225	ng/ul	97
12) Fluorene	15.623	166	10386	0.180	ng/ul#	98
15) Phenanthrene	17.362	178	243361	2.673	ng/ul	99
16) Anthracene	17.455	178	49802	0.651	ng/ul	100
19) Fluoranthene	19.375	202	946997	12.127	ng/ul	96
20) Pyrene	19.742	202	794834m	9.494	ng/ul	
21) Benzo(a)anthracene	21.486	228	473635	7.617	ng/ul	99
22) Chrysene	21.535	228	465682	6.565	ng/ul	97
24) Benzo(b)fluoranthene	23.175	252	740985	11.904	ng/ul	91
25) Benzo(k)fluoranthene	23.222	252	233473m	3.806	ng/ul	
26) Benzo(a)pyrene	23.803	252	373564	6.662	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.414	276	311927	3.994	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.424	278	74801	1.223	ng/ul	95
29) Benzo(g,h,i)perylene	27.192	276	290923	4.250	ng/ul	94

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

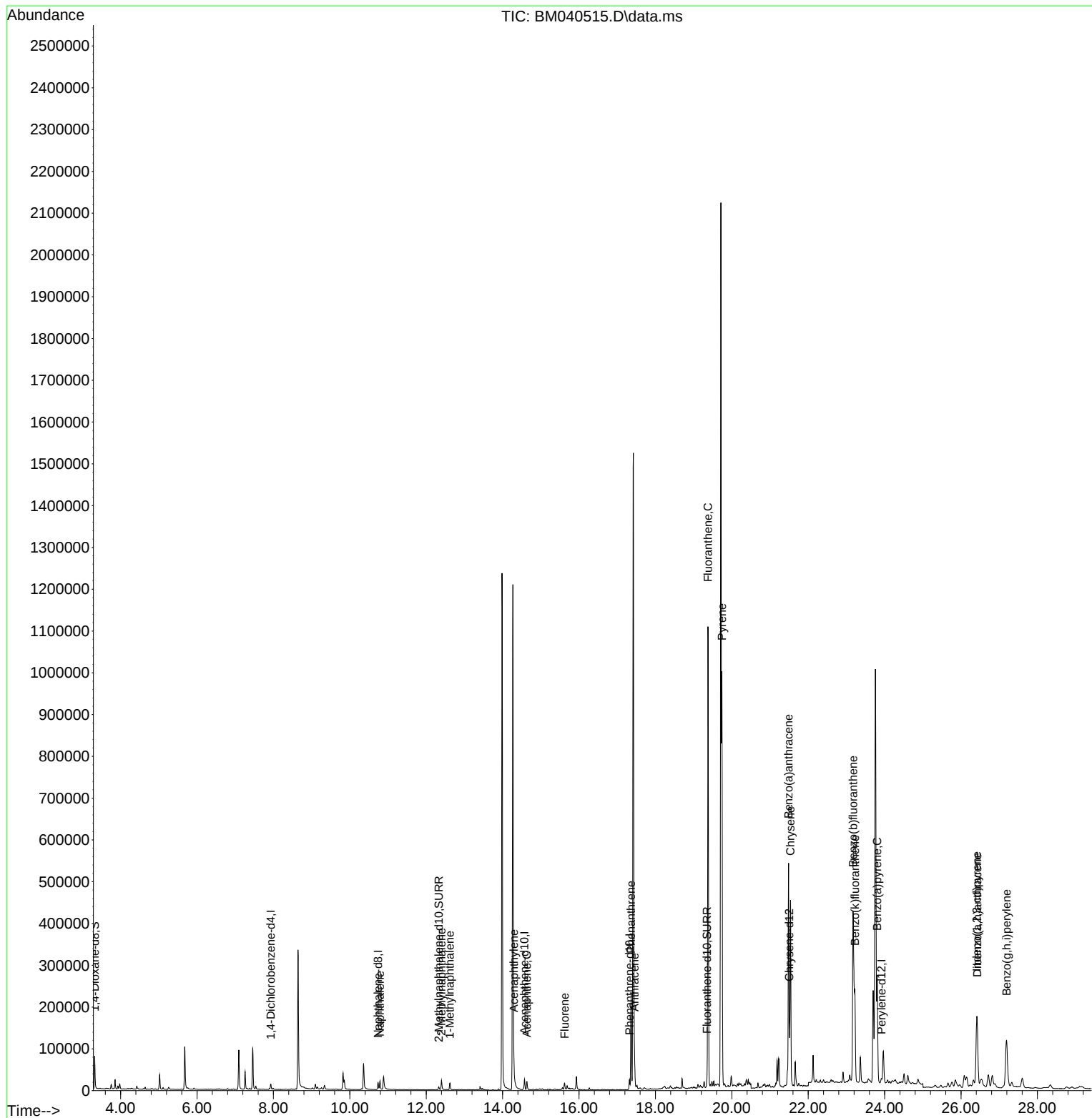
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040515.D
Acq On : 01 Jul 2023 22:56
Operator : MA/JU
Sample : 03242-02
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ALS Vial : 21 Sample Multiplier: 1

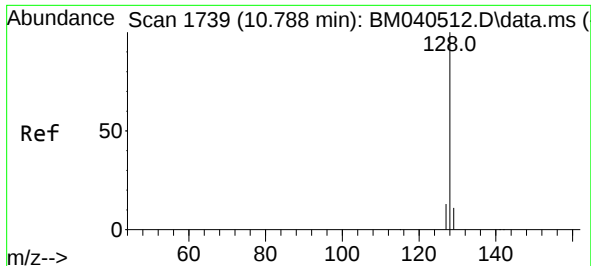
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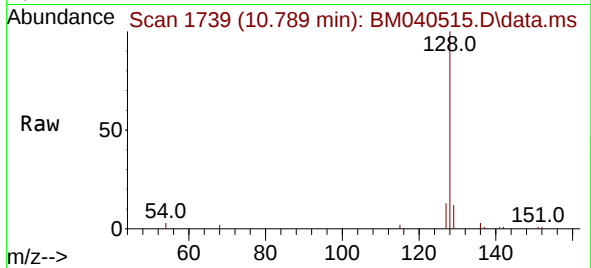
Quant Time: Jul 02 05:16:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.445 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

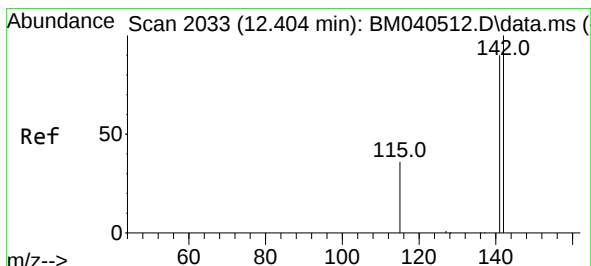
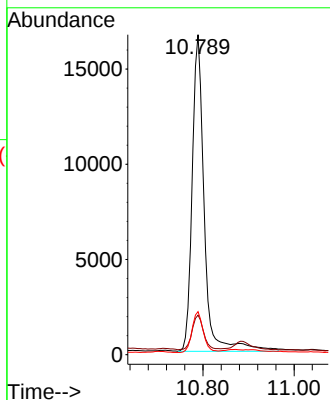
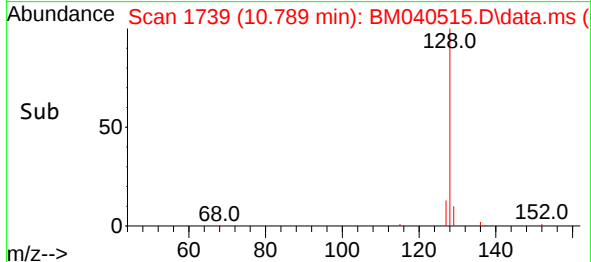
Instrument :
BNA_M
ClientSampleId :
DCFZ9



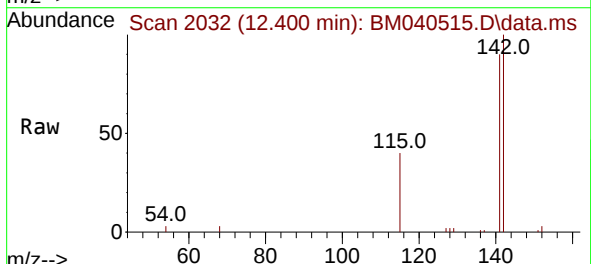
Tgt Ion:128 Resp: 30600
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.4 10.6 15.8

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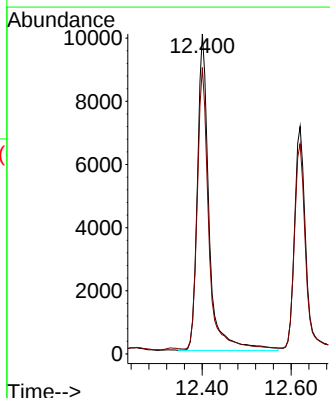
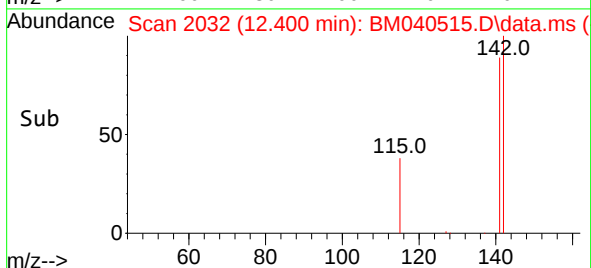
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

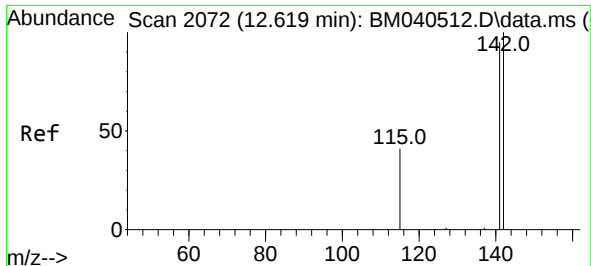


#7
2-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56



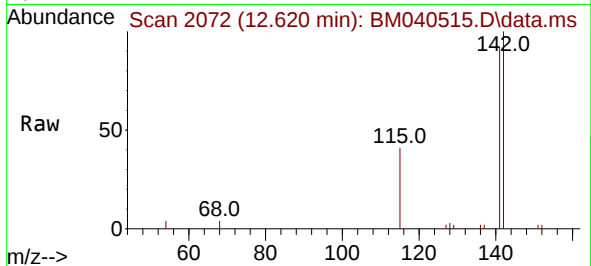
Tgt Ion:142 Resp: 18215
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

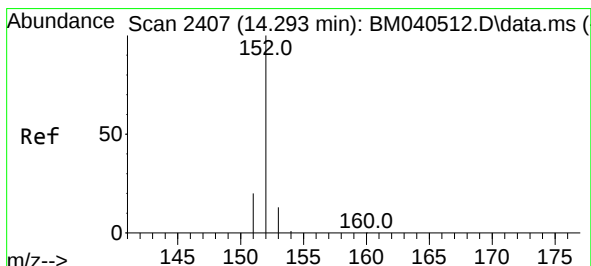
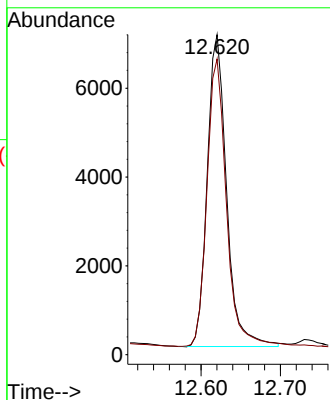
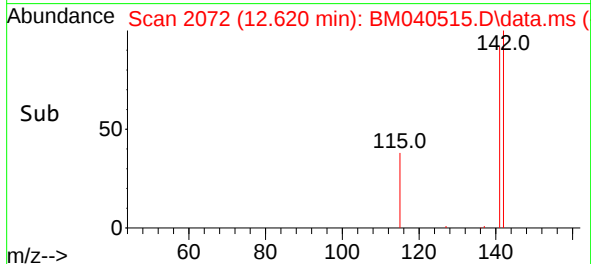
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Tgt Ion:142 Resp: 11898
Ion Ratio Lower Upper
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141 92.6 73.7 110.5

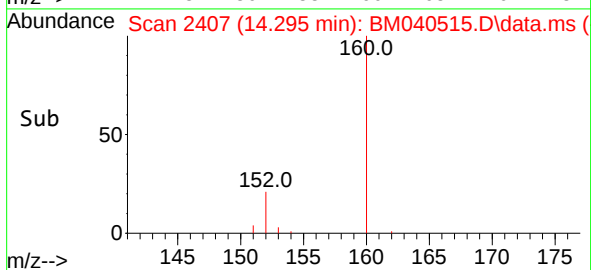
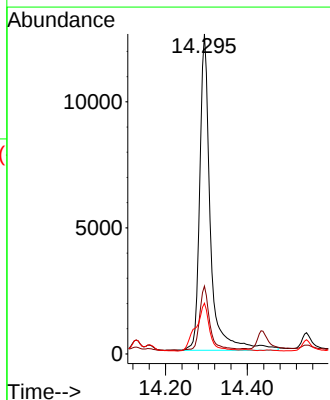
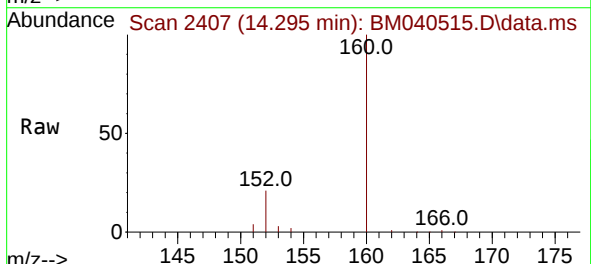
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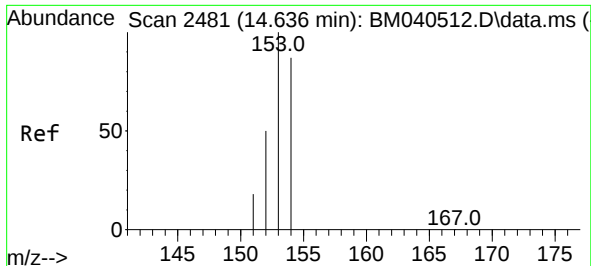
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

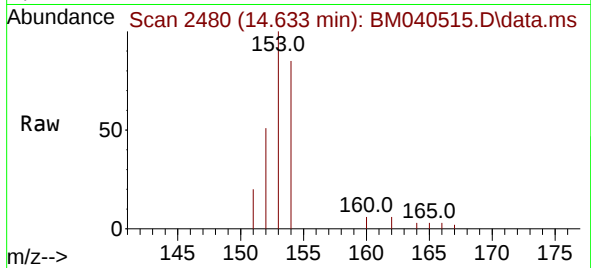
Tgt Ion:152 Resp: 22653
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 15.8 10.9 16.3





#11
Acenaphthene
Concen: 0.225 ng/u1
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

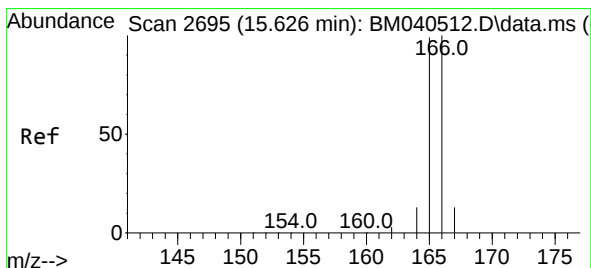
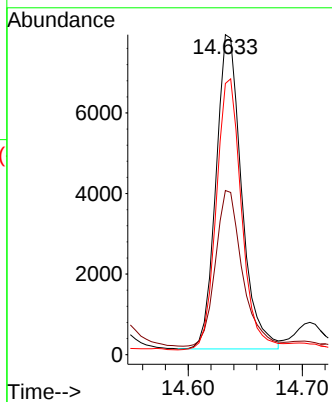
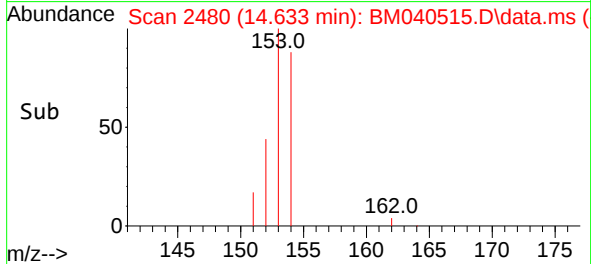
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 12179
Ion Ratio Lower Upper
153 100
152 51.3 41.0 61.4
154 84.7 70.8 106.2

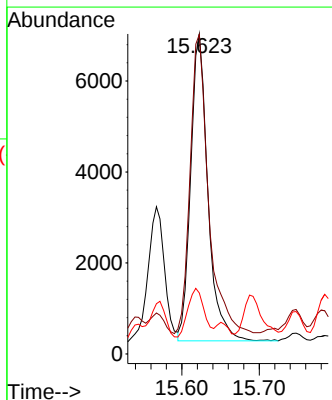
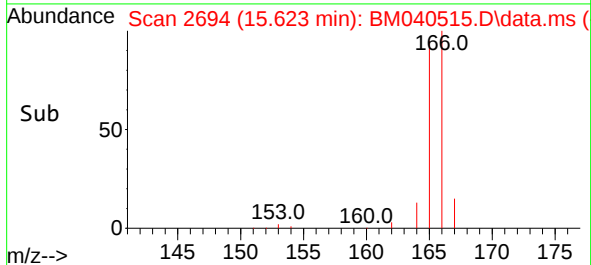
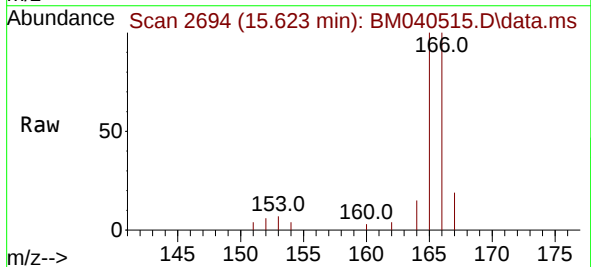
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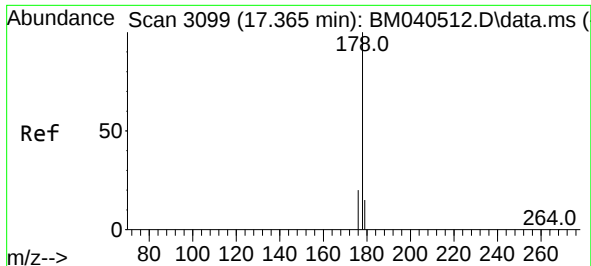
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.180 ng/u1
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

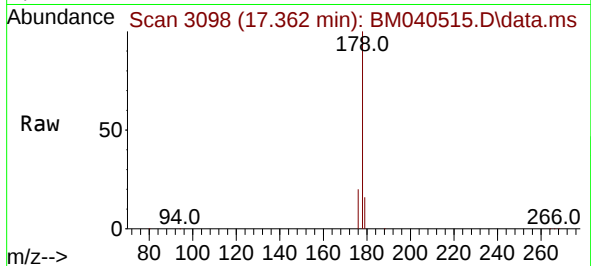
Tgt Ion:166 Resp: 10386
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 19.1 11.4 17.0#





#15
Phenanthrene
Concen: 2.673 ng/u1
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

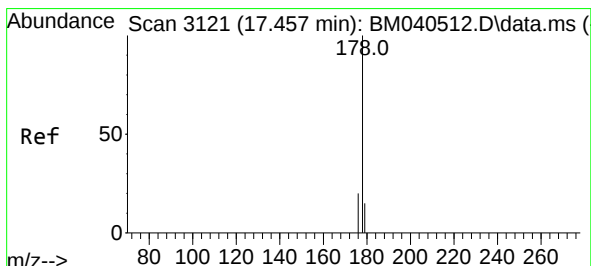
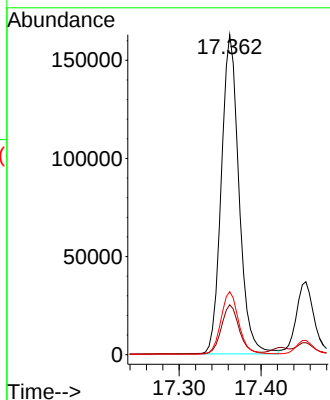
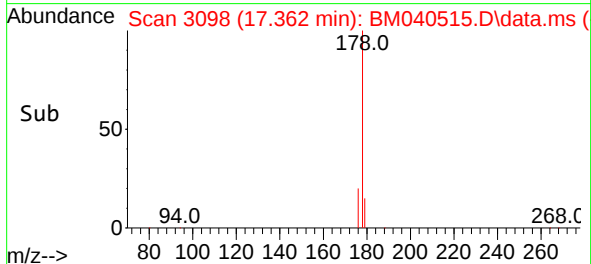
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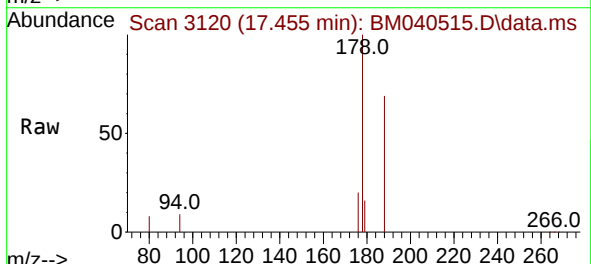
Tgt Ion:178 Resp: 24336
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6

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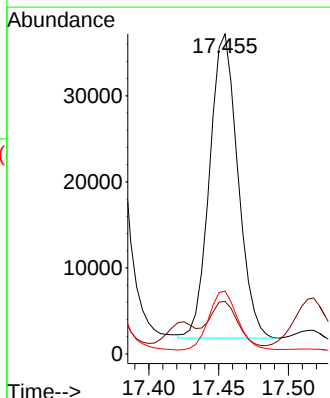
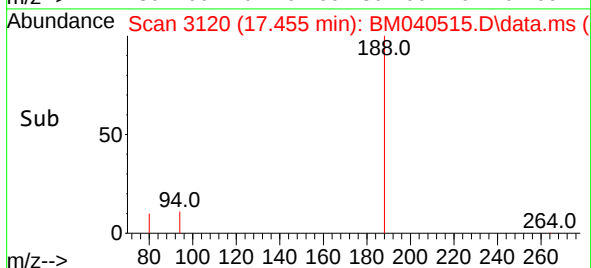
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

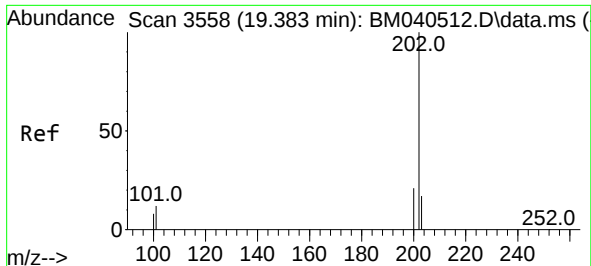


#16
Anthracene
Concen: 0.651 ng/u1
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56



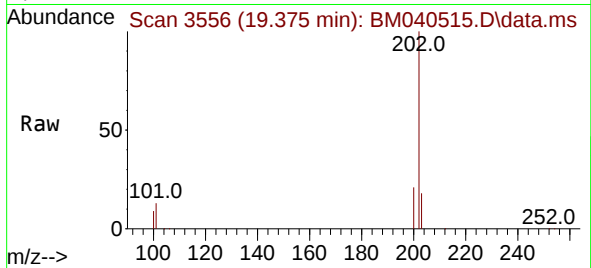
Tgt Ion:178 Resp: 49802
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.7 15.8 23.6





#19
Fluoranthene
Concen: 12.127 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

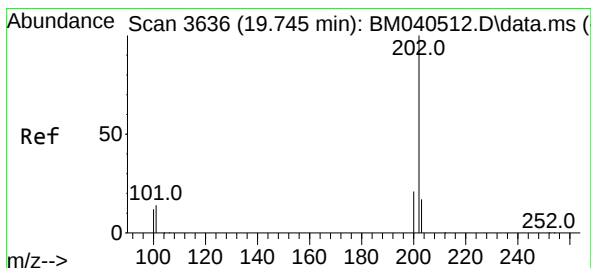
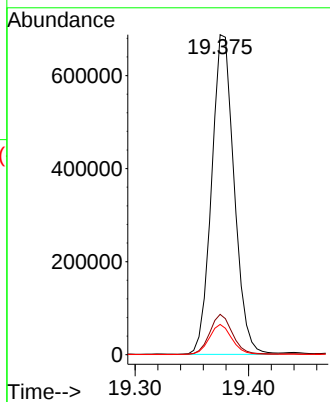
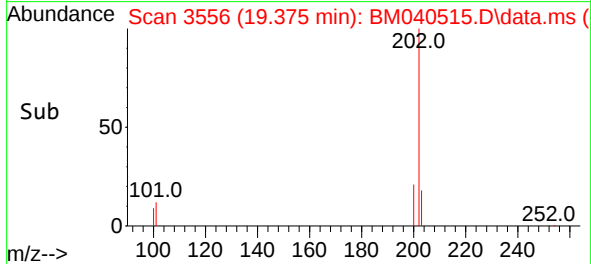
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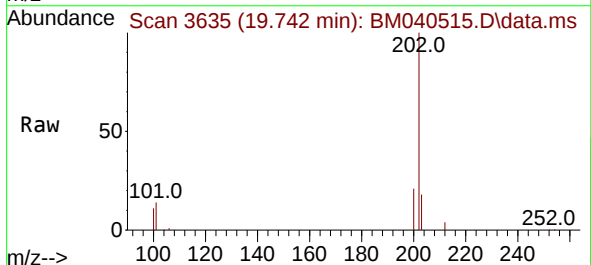
Tgt Ion:202 Resp: 94699
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.4 8.7 13.1

Manual Integrations
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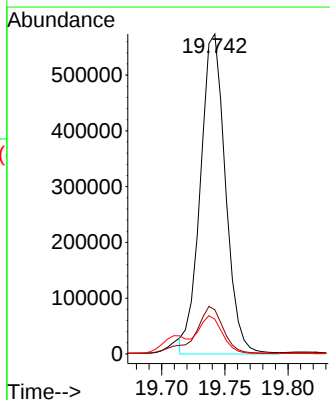
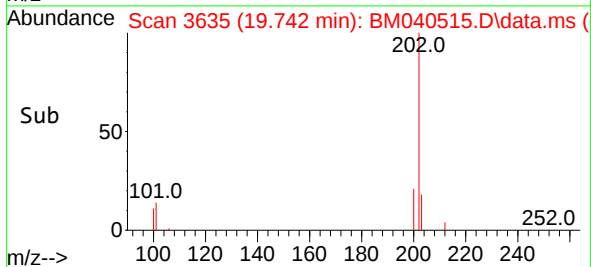
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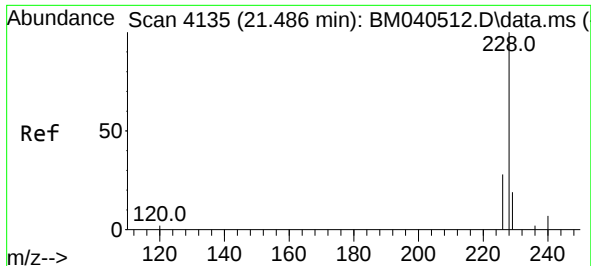


#20
Pyrene
Concen: 9.494 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56



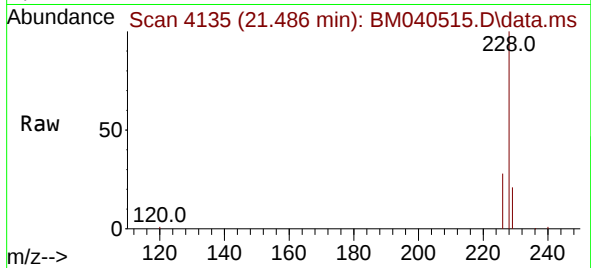
Tgt Ion:202 Resp: 794834
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.617 ng/uI
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

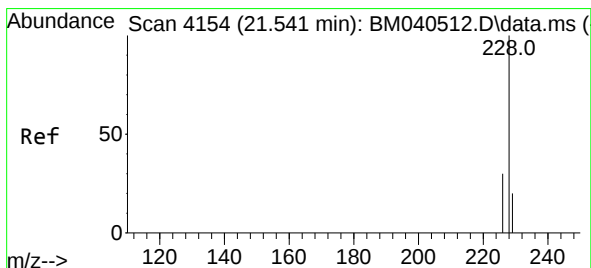
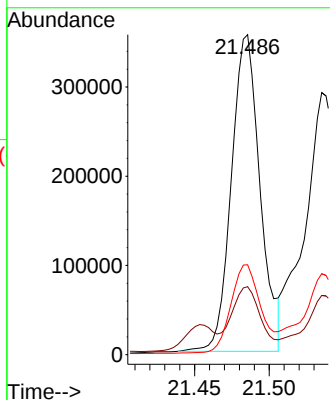
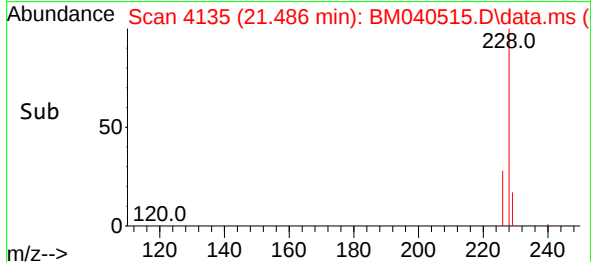
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Tgt Ion:228 Resp: 473635
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.1 22.3 33.5

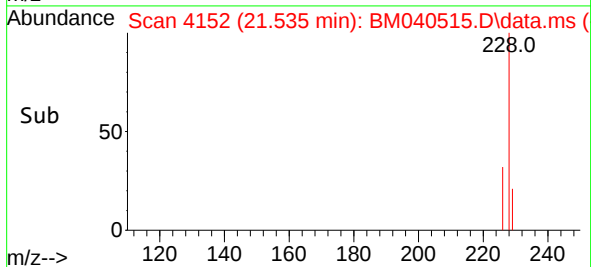
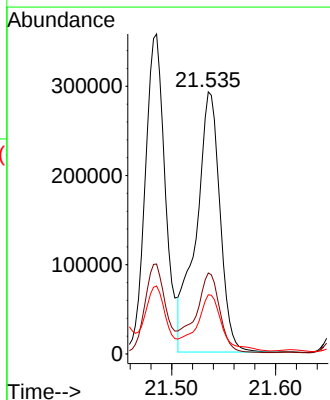
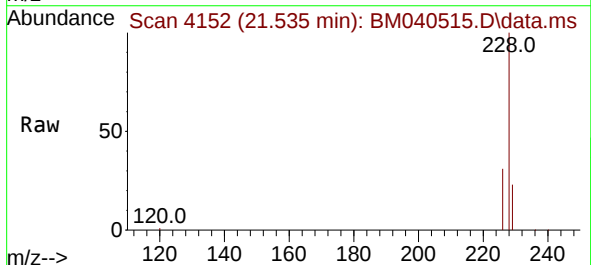
Manual Integrations
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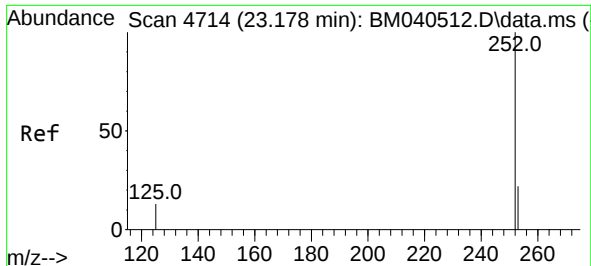
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 6.565 ng/uI
RT: 21.535 min Scan# 4152
Delta R.T. -0.009 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

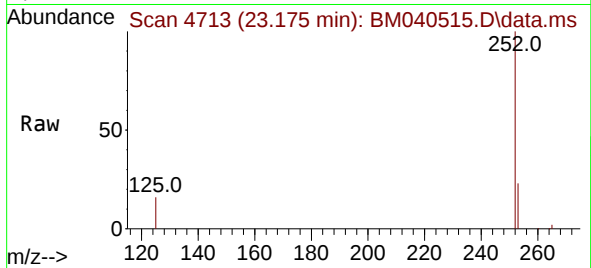
Tgt Ion:228 Resp: 465682
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.904 ng/ul
RT: 23.175 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

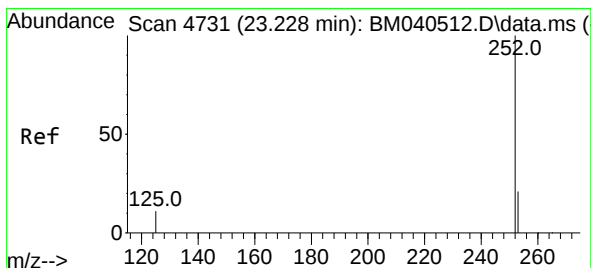
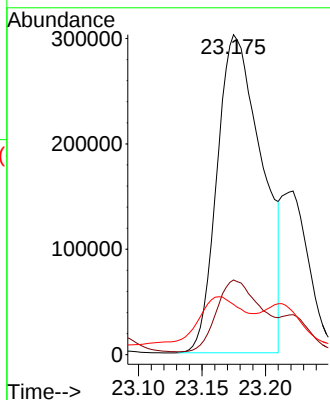
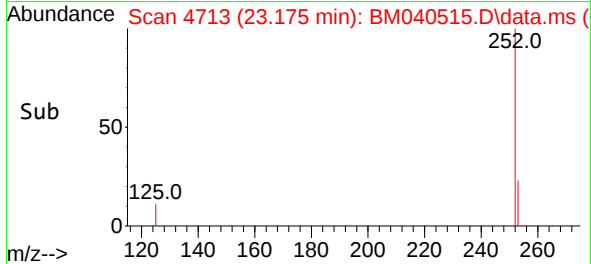
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 740985
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 15.7 0.0 43.0

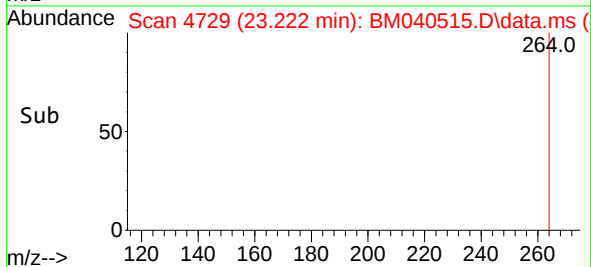
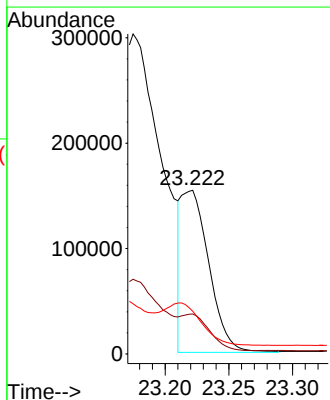
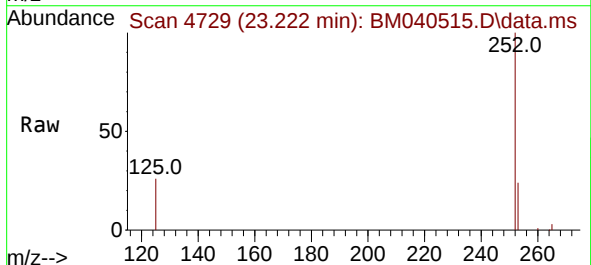
Manual Integrations
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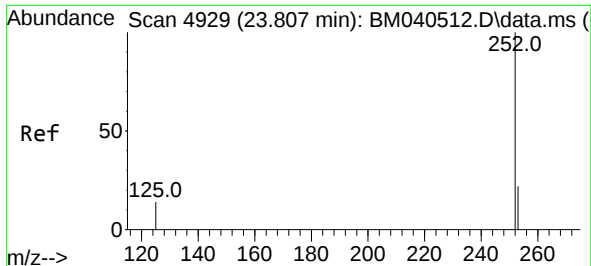
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 3.806 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

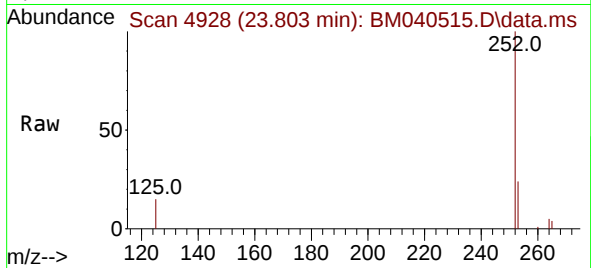
Tgt Ion:252 Resp: 233473
Ion Ratio Lower Upper
252 100
253 24.5 21.2 31.8
125 26.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 6.662 ng/ul
RT: 23.803 min Scan# 4928
Delta R.T. -0.009 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

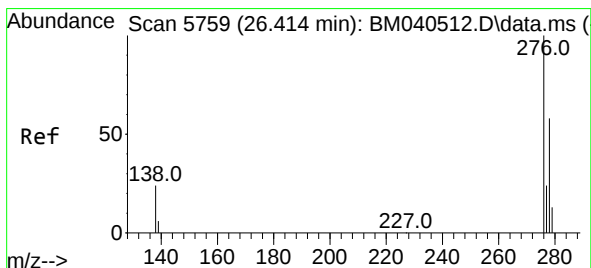
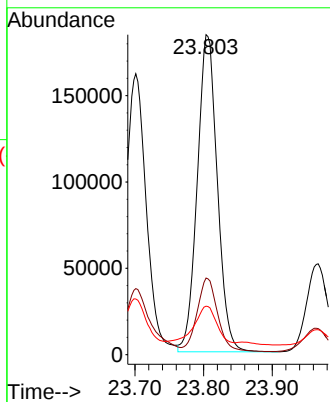
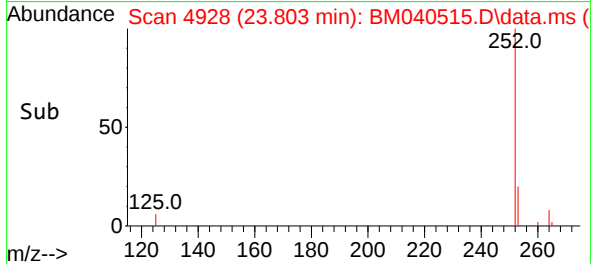
Instrument :
BNA_M
ClientSampleId :
DCFZ9



Tgt Ion:252 Resp: 373564
Ion Ratio Lower Upper
252 100
253 23.9 22.9 34.3
125 15.1 21.0 31.4

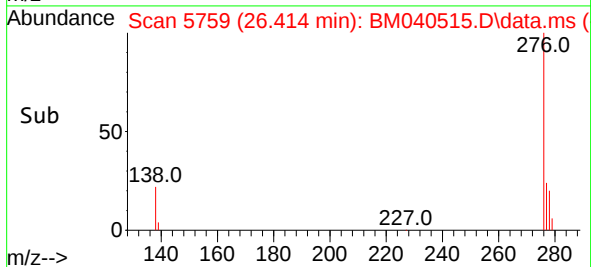
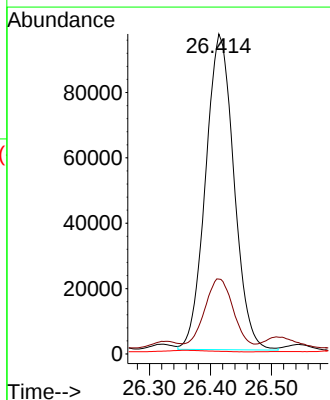
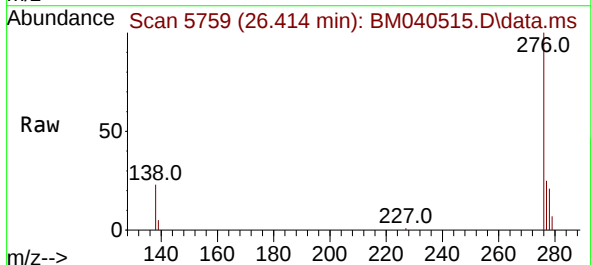
Manual Integrations
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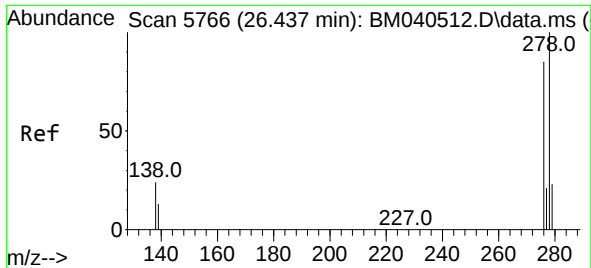
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.994 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

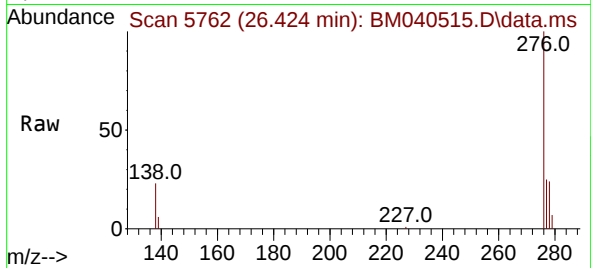
Tgt Ion:276 Resp: 311927
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.223 ng/ul
RT: 26.424 min Scan# 5766
Delta R.T. -0.013 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56

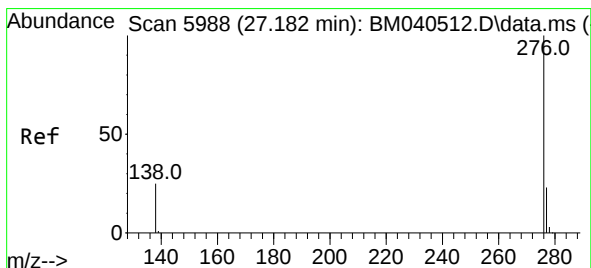
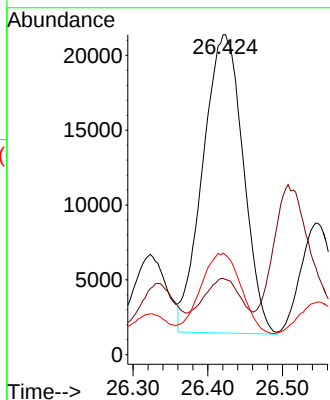
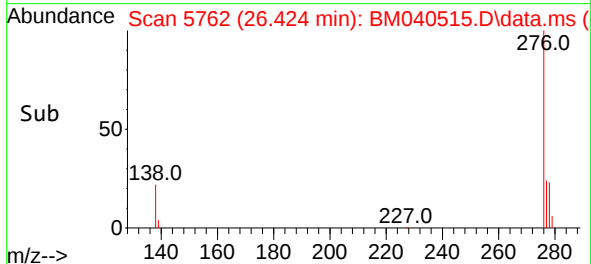
Instrument :
BNA_M
ClientSampleId :
DCFZ9



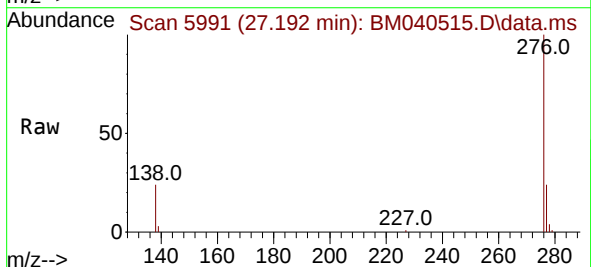
Tgt Ion:278 Resp: 7480
Ion Ratio Lower Upper
278 100
139 23.5 17.9 26.9
279 31.2 22.0 33.0

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



#29
Benzo(g,h,i)perylene
Concen: 4.250 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040515.D
Acq: 01 Jul 2023 22:56



Tgt Ion:276 Resp: 290923
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.4 20.3 30.5

