

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040526.D
 Acq On : 02 Jul 2023 05:46
 Operator : MA/JU
 Sample : 03242-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB8

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 06:30:47 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	7.928	152	8125	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	29976	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	16994	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	35463	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	23460	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	21547	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	46282	3.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	11401	0.271	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	24574	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	5289	0.064	ng/ul#	87
7) 2-Methylnaphthalene	12.400	142	3001	0.062	ng/ul	97
8) 1-Methylnaphthalene	12.620	142	2133	0.044	ng/ul	97
10) Acenaphthylene	14.295	152	6509	0.086	ng/ul#	91
11) Acenaphthene	14.637	153	2112	0.033	ng/ul	96
12) Fluorene	15.623	166	1745	0.025	ng/ul#	92
15) Phenanthrene	17.362	178	51032	0.463	ng/ul	100
16) Anthracene	17.455	178	8492	0.092	ng/ul#	93
19) Fluoranthene	19.379	202	169982	1.706	ng/ul	95
20) Pyrene	19.742	202	132128m	1.237	ng/ul	
21) Benzo(a)anthracene	21.485	228	77450	0.976	ng/ul	97
22) Chrysene	21.538	228	94572	1.045	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	133927	1.606	ng/ul	94
25) Benzo(k)fluoranthene	23.219	252	46377m	0.564	ng/ul	
26) Benzo(a)pyrene	23.806	252	83126	1.107	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.414	276	74558	0.713	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.420	278	17809	0.217	ng/ul#	79
29) Benzo(g,h,i)perylene	27.192	276	78672	0.858	ng/ul	98

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

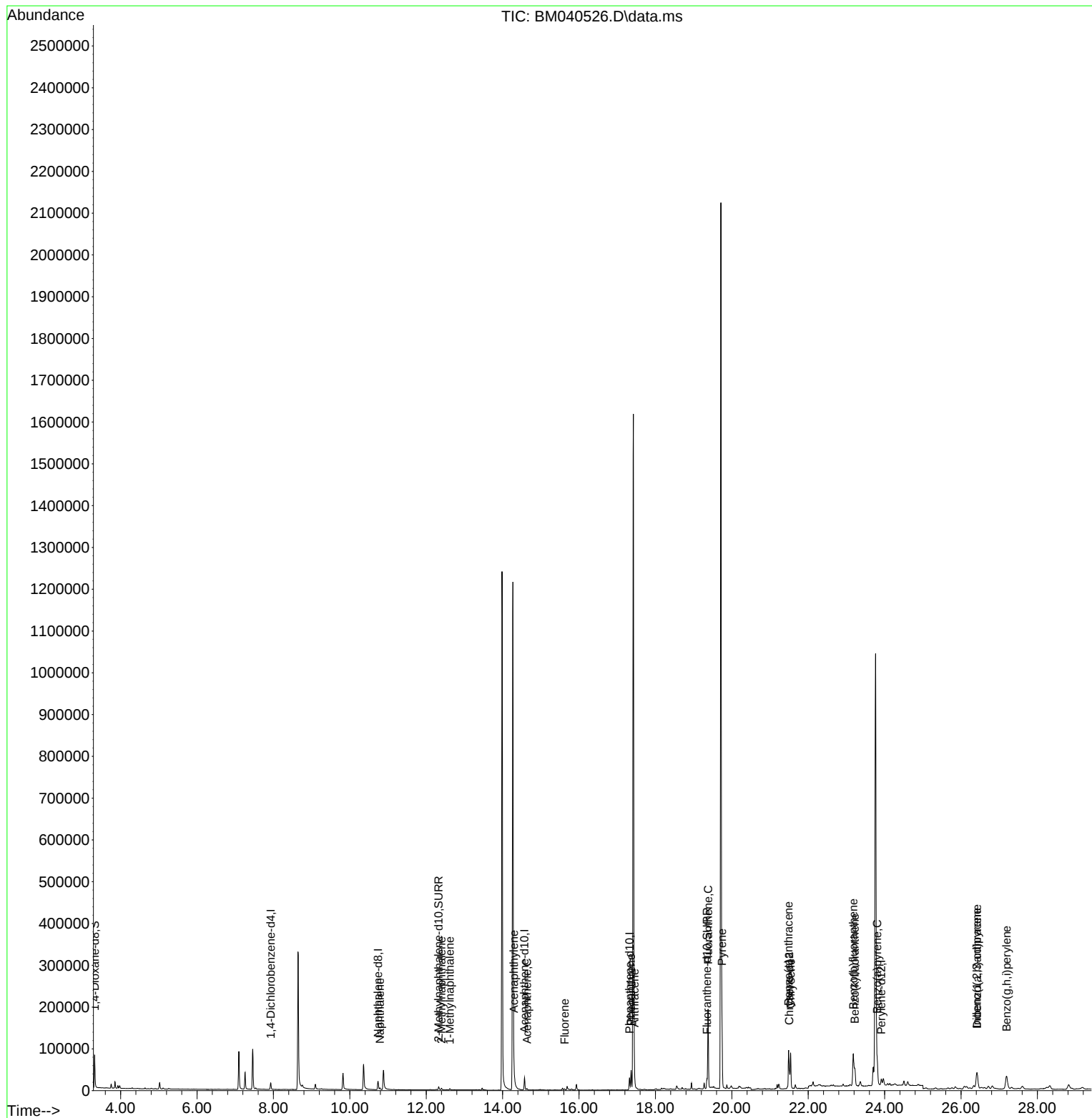
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040526.D
Acq On : 02 Jul 2023 05:46
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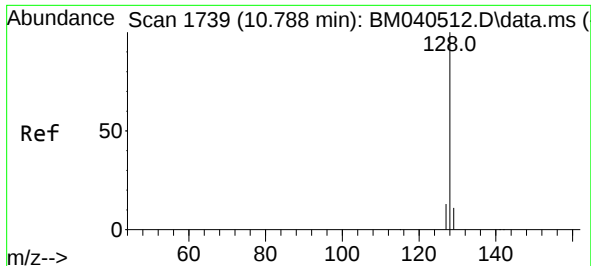
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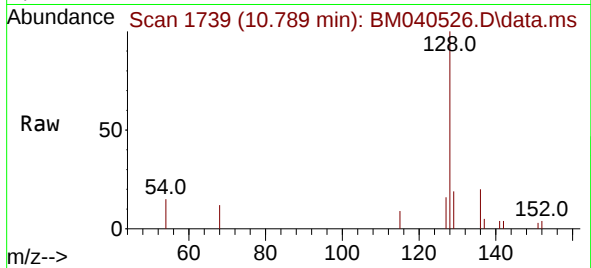
Quant Time: Jul 02 06:30:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

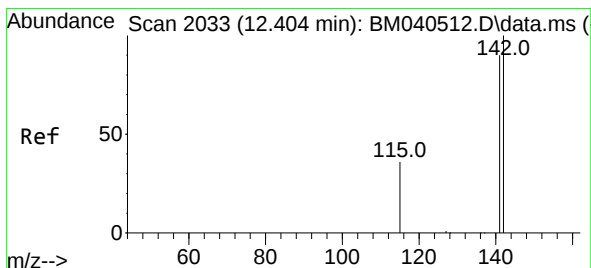
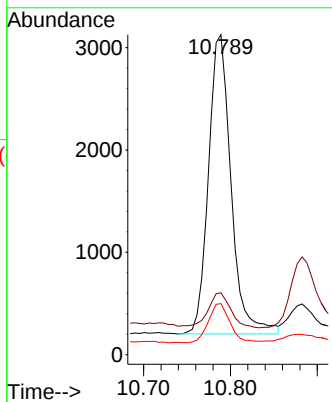
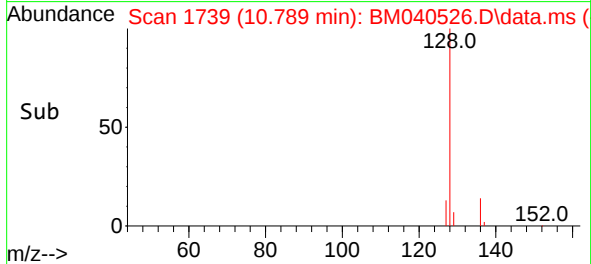
Instrument :
BNA_M
ClientSampleId :
DCGB8



Tgt Ion:128 Resp: 5289
Ion Ratio Lower Upper
128 100
129 19.3 9.2 13.8
127 15.9 10.6 15.8

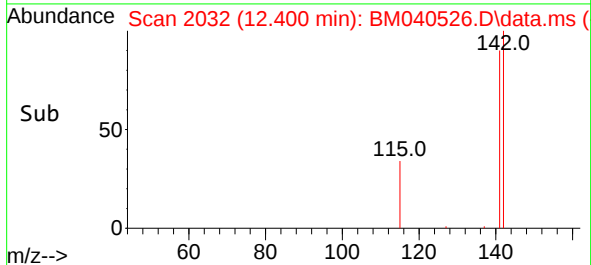
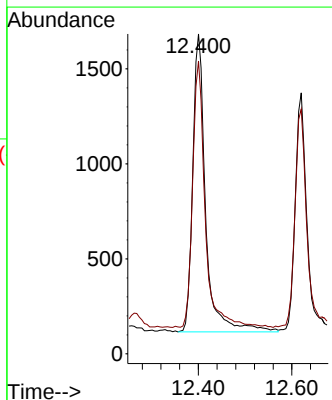
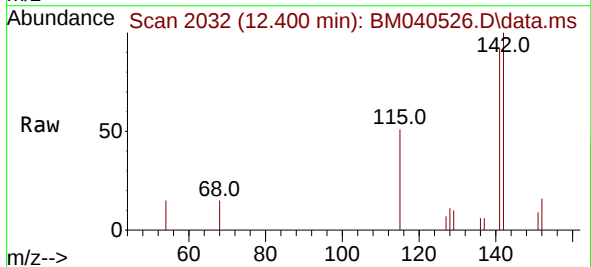
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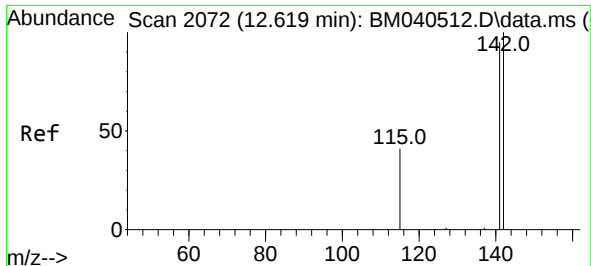
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

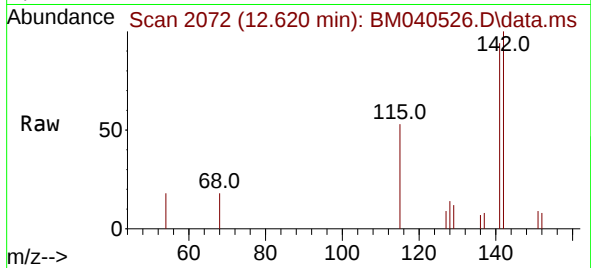
Tgt Ion:142 Resp: 3001
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

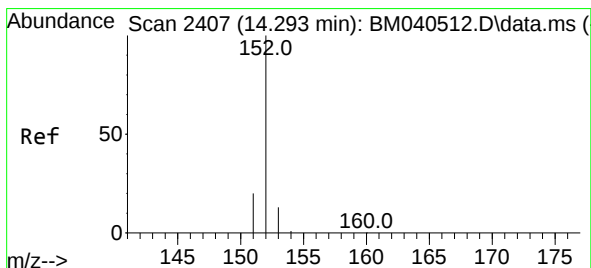
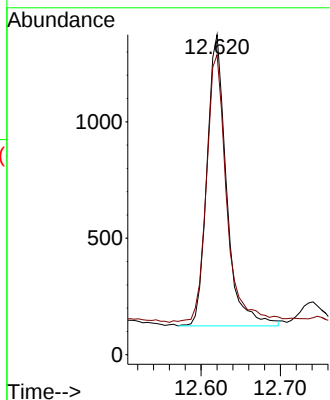
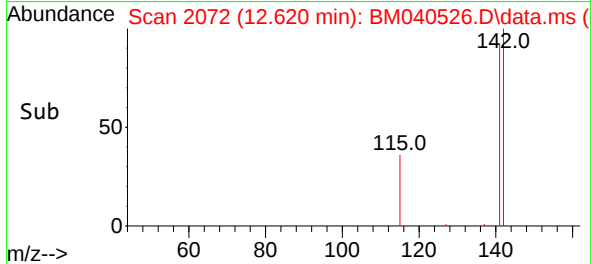
Instrument :
BNA_M
ClientSampleId :
DCGB8



Tgt Ion:142 Resp: 213
Ion Ratio Lower Upper
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141 95.1 73.7 110.5

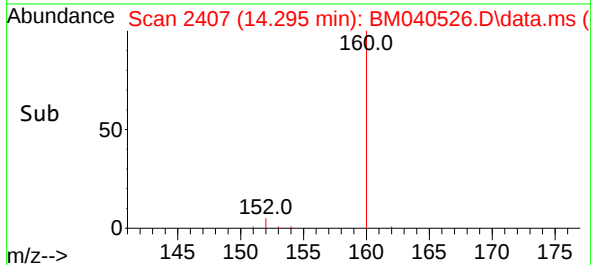
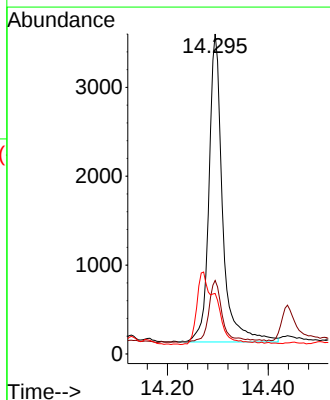
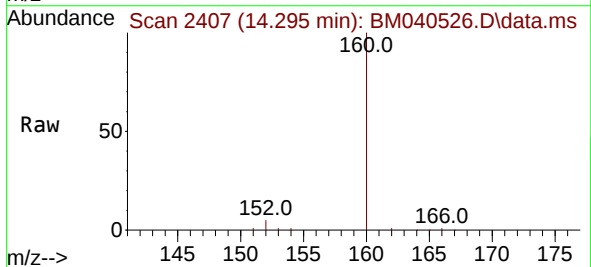
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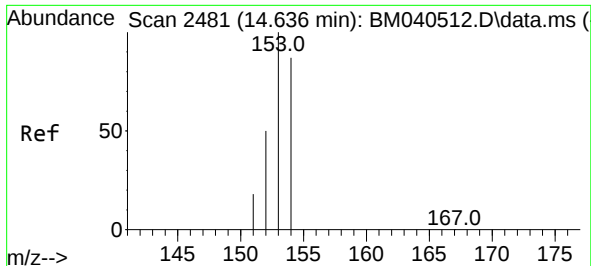
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

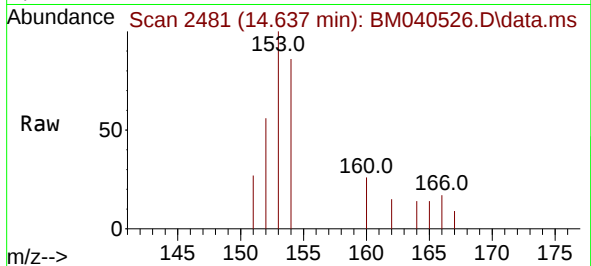
Tgt Ion:152 Resp: 6509
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 18.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.637 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

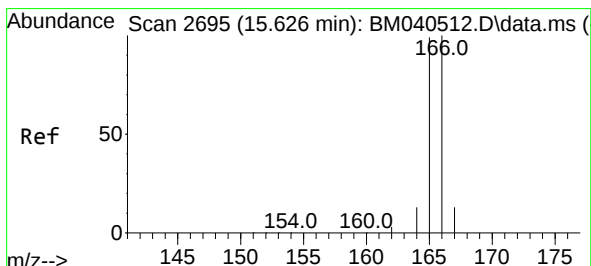
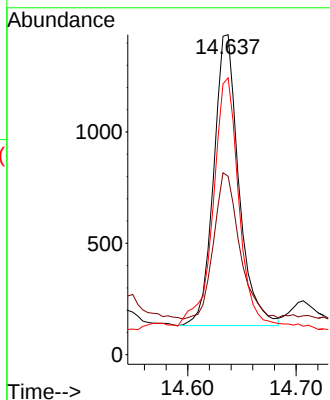
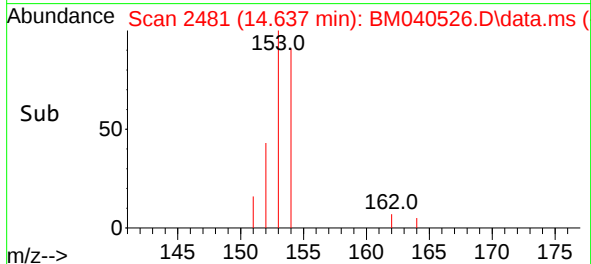
Instrument :
BNA_M
ClientSampleId :
DCGB8



Tgt Ion:153 Resp: 211
Ion Ratio Lower Upper
153 100
152 55.7 41.0 61.4
154 86.5 70.8 106.2

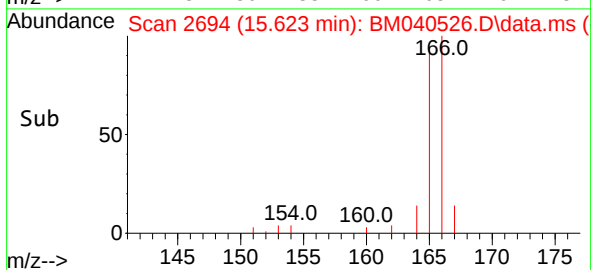
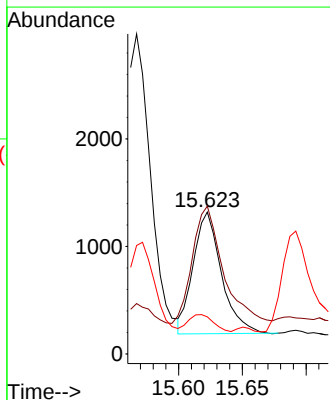
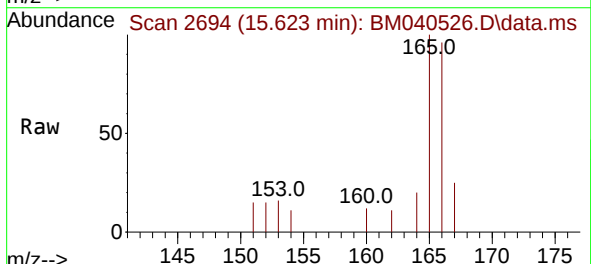
Manual Integrations
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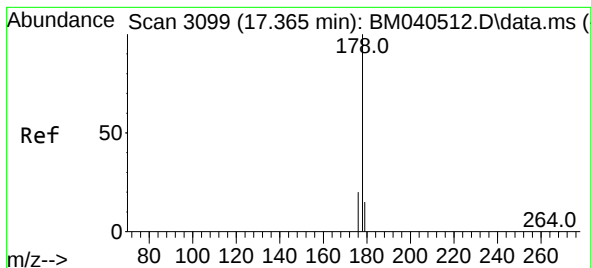
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

Tgt Ion:166 Resp: 1745
Ion Ratio Lower Upper
166 100
165 104.2 79.6 119.4
167 26.2 11.4 17.0#





#15

Phenanthrene

Concen: 0.463 ng/ul

RT: 17.362 min Scan# 3099

Delta R.T. -0.008 min

Lab File: BM040526.D

Acq: 02 Jul 2023 05:46

Instrument :

BNA_M

ClientSampleId :

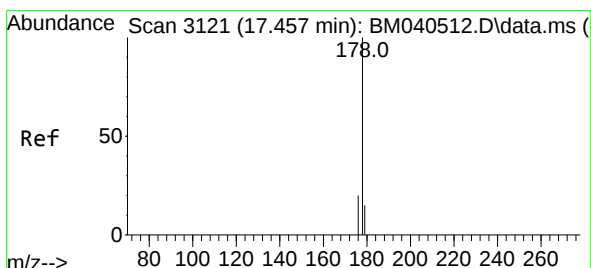
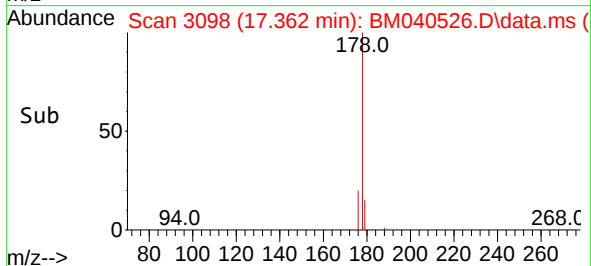
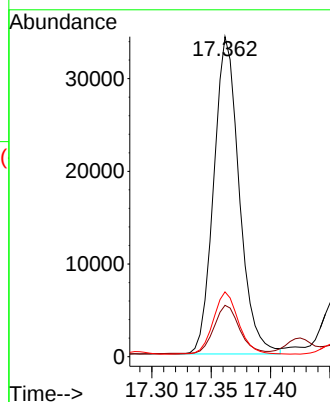
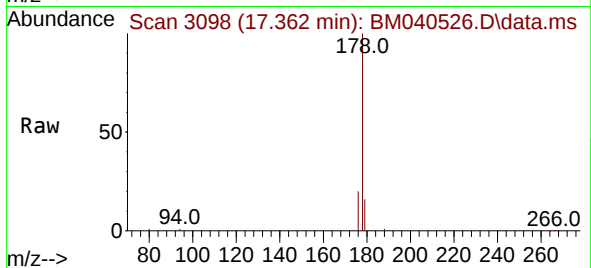
DCGB8

Tgt Ion:	178	Resp:	5103
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	20.3	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: 0.092 ng/ul

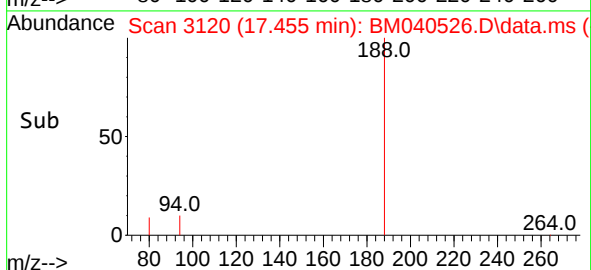
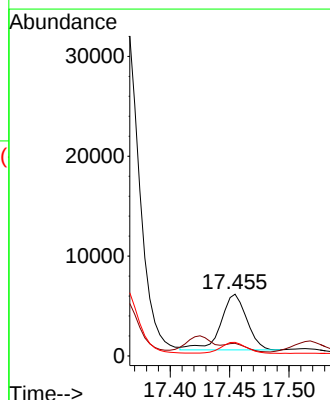
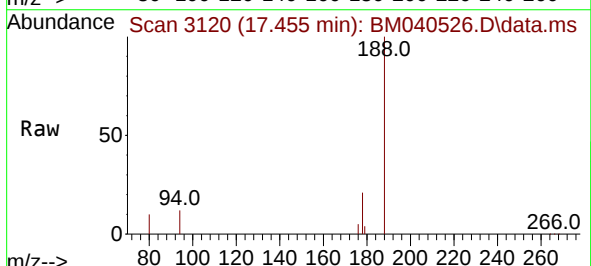
RT: 17.455 min Scan# 3120

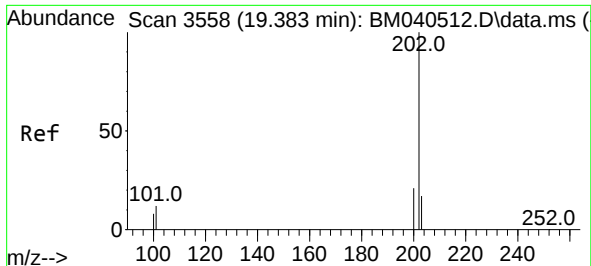
Delta R.T. -0.008 min

Lab File: BM040526.D

Acq: 02 Jul 2023 05:46

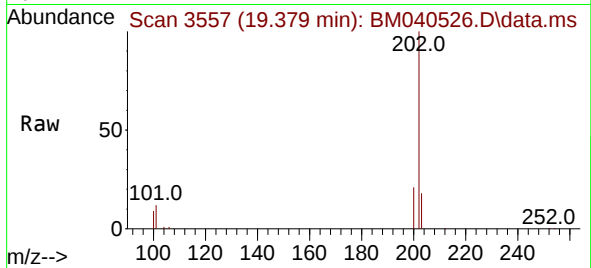
Tgt Ion:	178	Resp:	8492
Ion Ratio	Lower	Upper	
178	100		
179	20.4	12.9	19.3
176	22.1	15.8	23.6





#19
Fluoranthene
Concen: 1.706 ng/ul
RT: 19.379 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

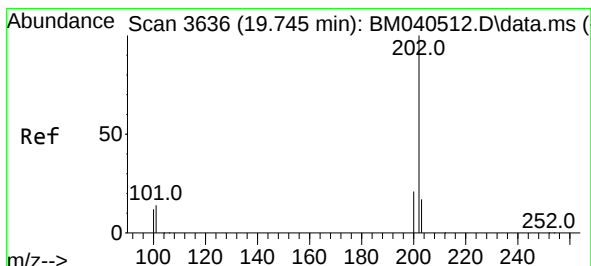
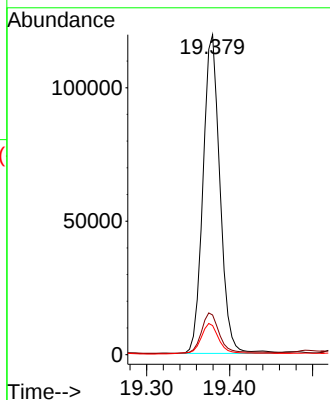
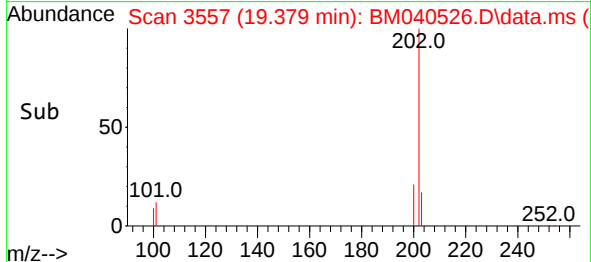
Instrument :
BNA_M
ClientSampleId :
DCGB8



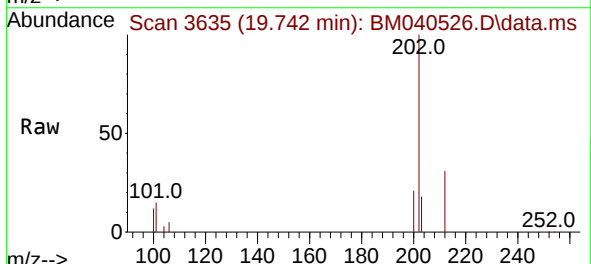
Tgt Ion:202 Resp: 16998
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.1 8.7 13.1

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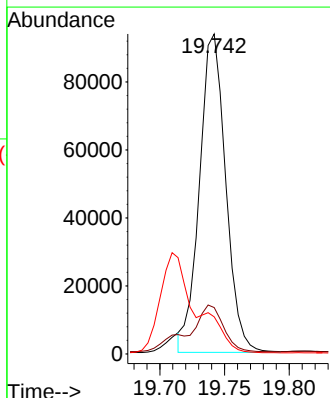
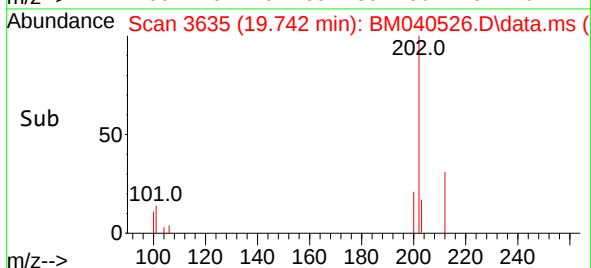
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

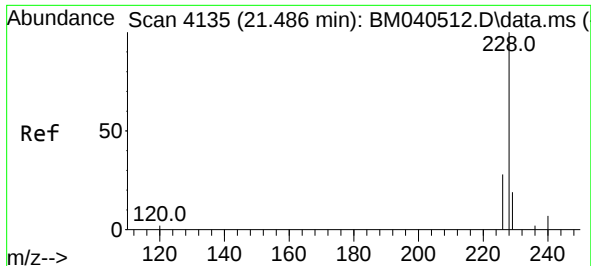


#20
Pyrene
Concen: 1.237 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46



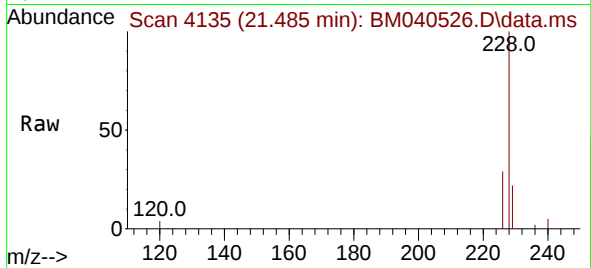
Tgt Ion:202 Resp: 132128
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.976 ng/ul
RT: 21.485 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

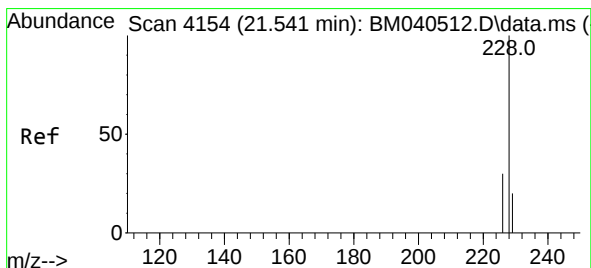
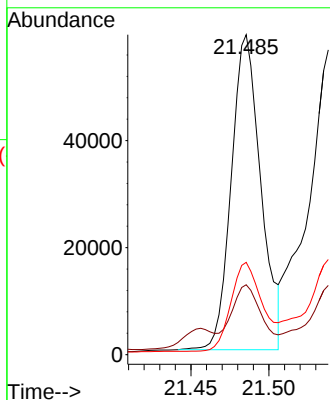
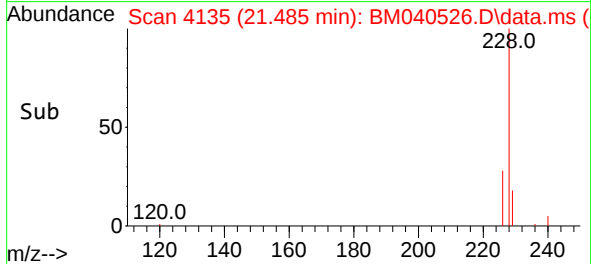
Instrument :
BNA_M
ClientSampleId :
DCGB8



Tgt Ion:228 Resp: 77450
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 28.9 22.3 33.5

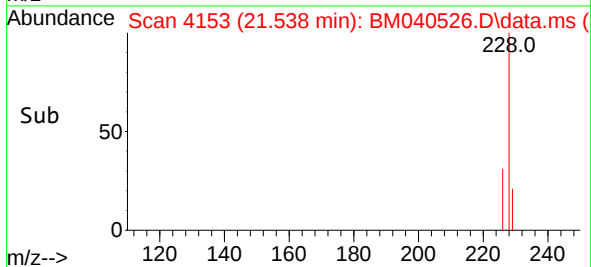
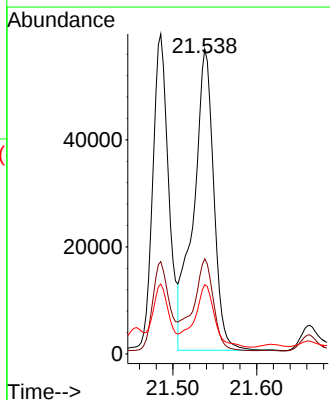
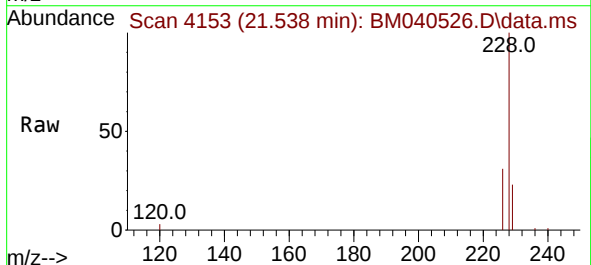
Manual Integrations
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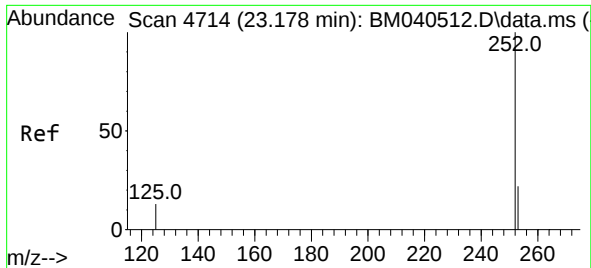
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 1.045 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

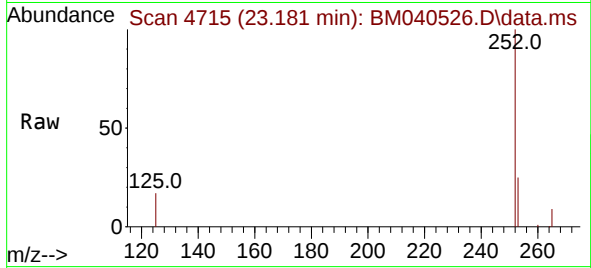
Tgt Ion:228 Resp: 94572
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.606 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

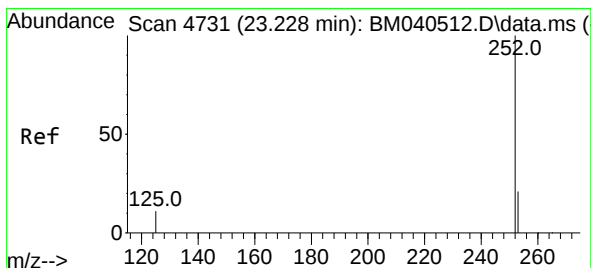
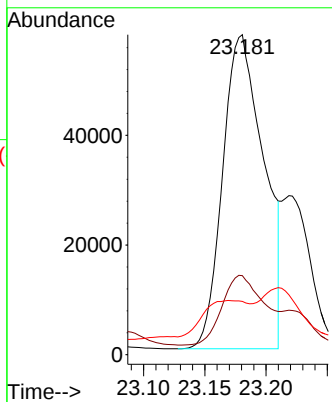
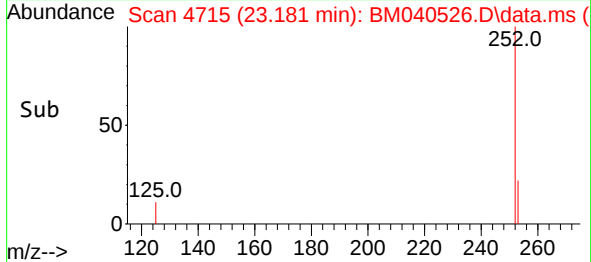
Instrument :
BNA_M
ClientSampleId :
DCGB8



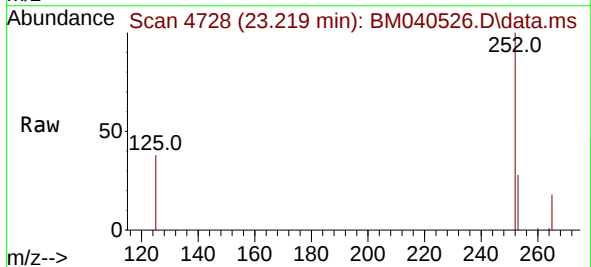
Tgt Ion:252 Resp: 13392
Ion Ratio Lower Upper
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253 24.7 0.0 52.8
125 16.6 0.0 43.0

Manual Integrations
APPROVED

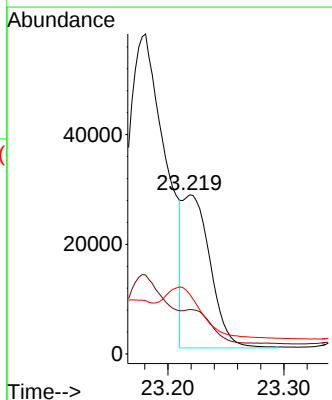
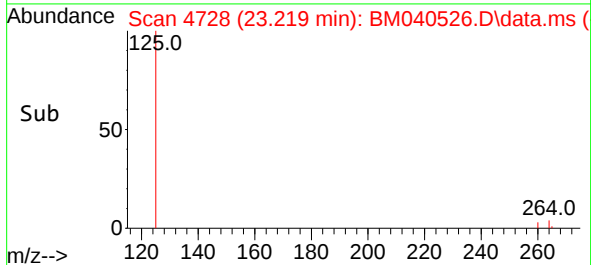
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

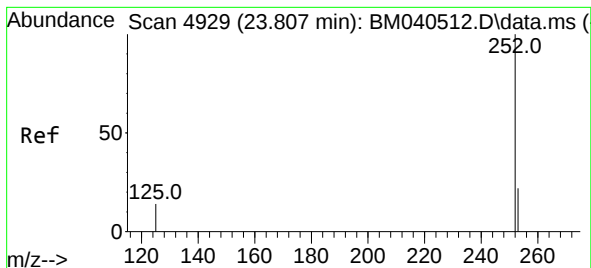


#25
Benzo(k)fluoranthene
Concen: 0.564 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46



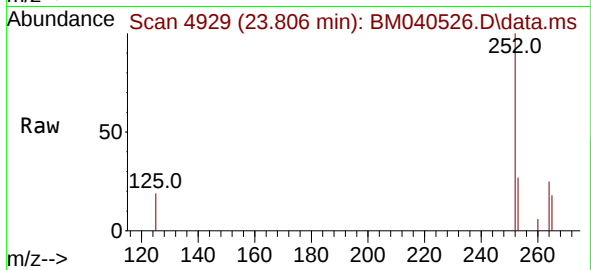
Tgt Ion:252 Resp: 46377
Ion Ratio Lower Upper
252 100
253 28.0 21.2 31.8
125 37.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.107 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

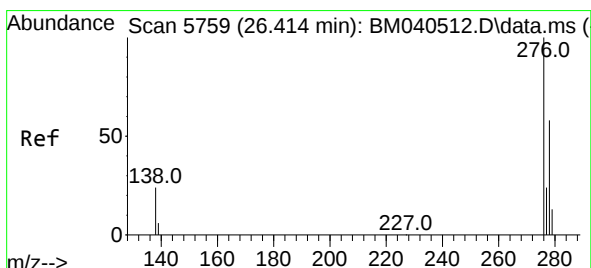
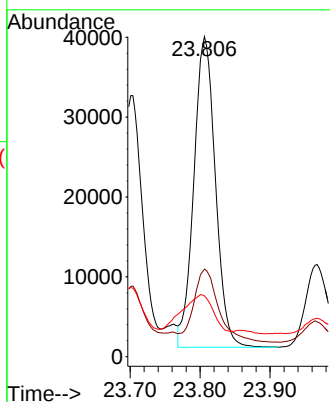
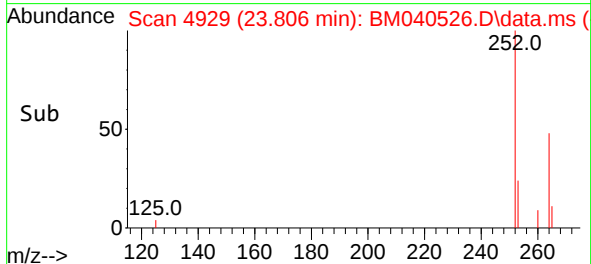
Instrument :
BNA_M
ClientSampleId :
DCGB8



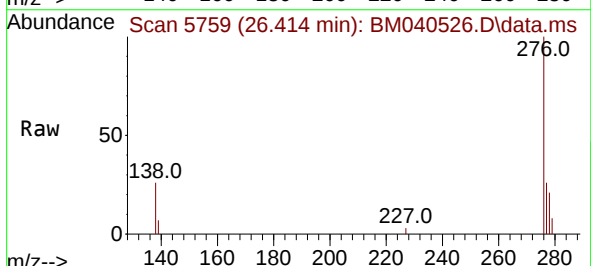
Tgt Ion:252 Resp: 83120
Ion Ratio Lower Upper
252 100
253 27.3 22.9 34.3
125 19.0 21.0 31.4

Manual Integrations
APPROVED

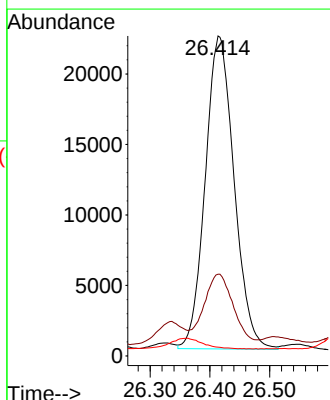
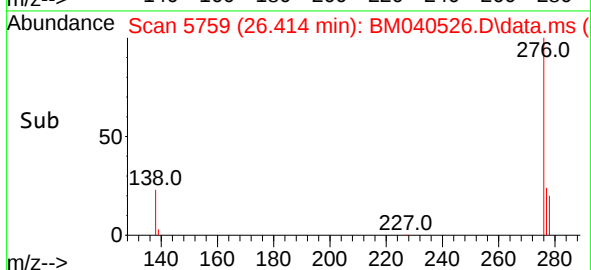
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

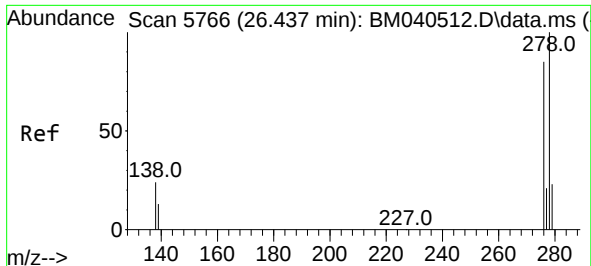


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.713 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46



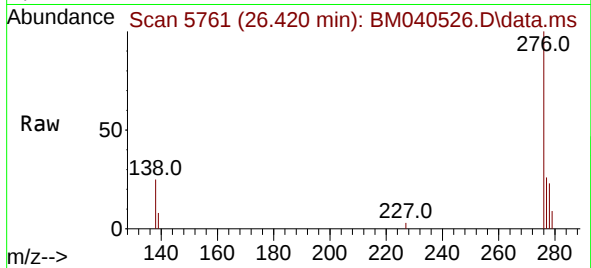
Tgt Ion:276 Resp: 74558
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.420 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46

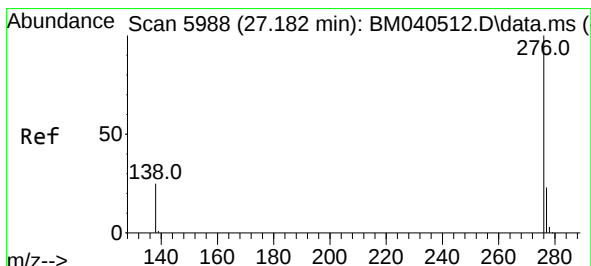
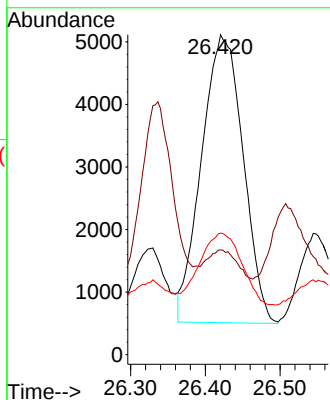
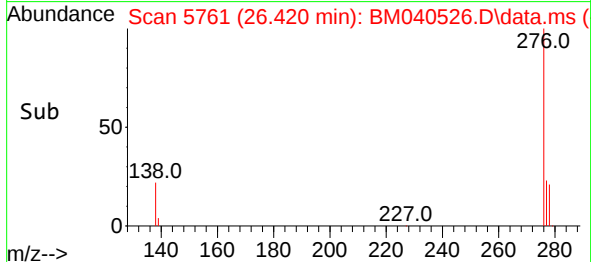
Instrument :
BNA_M
ClientSampleId :
DCGB8



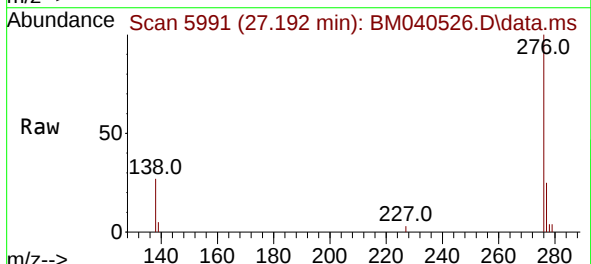
Tgt Ion:278 Resp: 17809
Ion Ratio Lower Upper
278 100
139 32.8 17.9 26.9
279 38.0 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.858 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040526.D
Acq: 02 Jul 2023 05:46



Tgt Ion:276 Resp: 78672
Ion Ratio Lower Upper
276 100
138 26.9 23.0 34.6
277 25.1 20.3 30.5

