

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040943.D
 Acq On : 18 Jul 2023 04:05
 Operator : MA/JU
 Sample : 03458-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46M7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Sohil Jodhani 07/18/2023

Quant Time: Jul 18 04:43:11 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 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5845	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.653	136	18686	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.499	164	8261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	14476	0.400	ng/ul	-0.01
17) Chrysene-d12	21.442	240	10110	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	14281	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	46256	5.038	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	7497	0.286	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	18482	0.570	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	1355	0.026	ng/ul#	77
10) Acenaphthylene	14.217	152	2423	0.066	ng/ul#	85
12) Fluorene	15.550	166	692	0.021	ng/ul#	87
15) Phenanthrene	17.291	178	6849	0.152	ng/ul	97
16) Anthracene	17.384	178	1993	0.053	ng/ul#	84
19) Fluoranthene	19.310	202	28493	0.663	ng/ul	96
20) Pyrene	19.673	202	22237m	0.483	ng/ul	
21) Benzo(a)anthracene	21.428	228	7605	0.222	ng/ul#	92
22) Chrysene	21.480	228	7847m	0.201	ng/ul	
24) Benzo(b)fluoranthene	23.094	252	11869	0.215	ng/ul	76
25) Benzo(k)fluoranthene	23.140	252	4948m	0.091	ng/ul	
26) Benzo(a)pyrene	23.711	252	8752	0.176	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.267	276	6544	0.094	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.273	278	1631	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.025	276	6486	0.107	ng/ul#	89

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

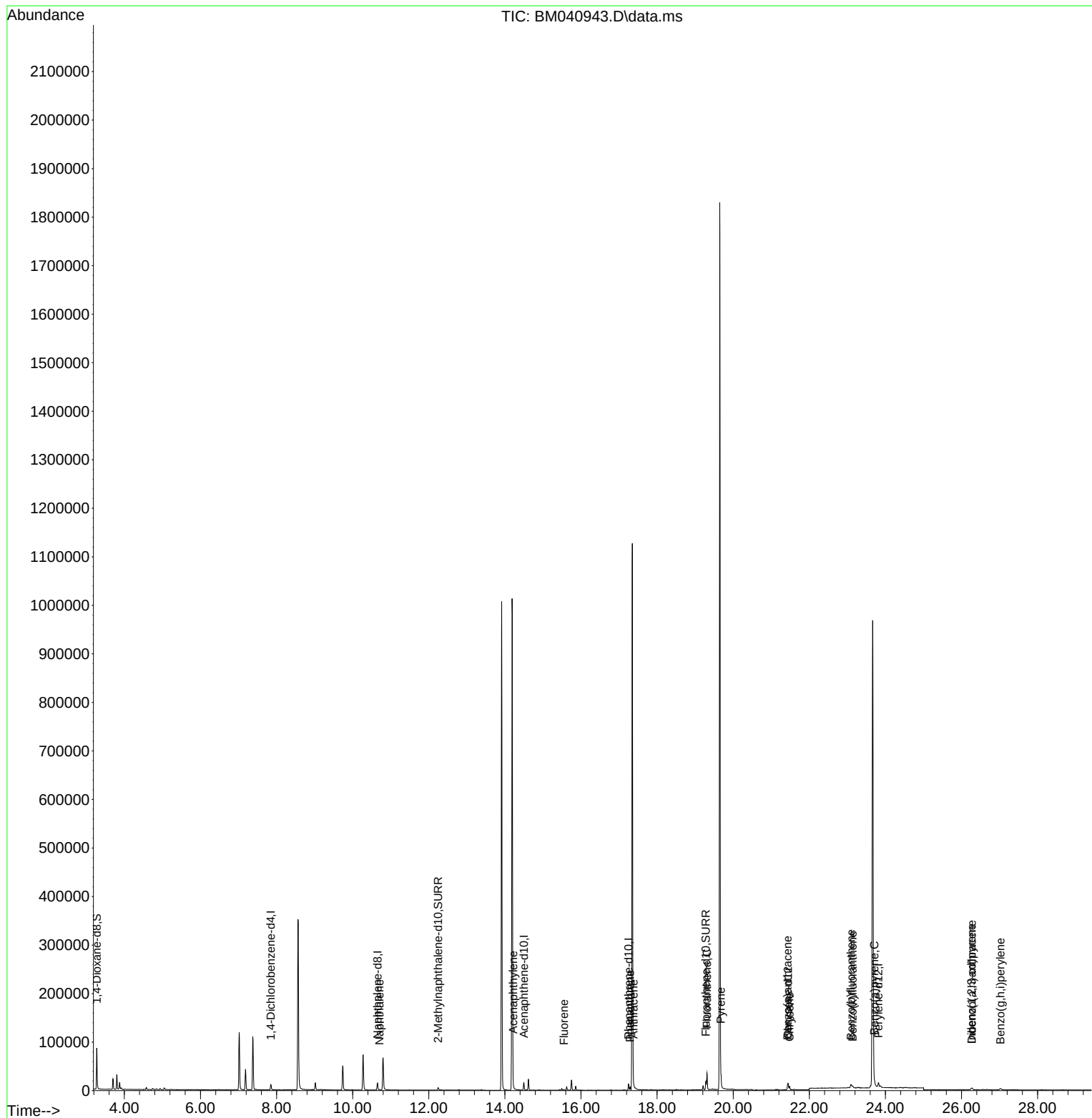
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040943.D
Acq On : 18 Jul 2023 04:05
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ALS Vial : 28 Sample Multiplier: 1

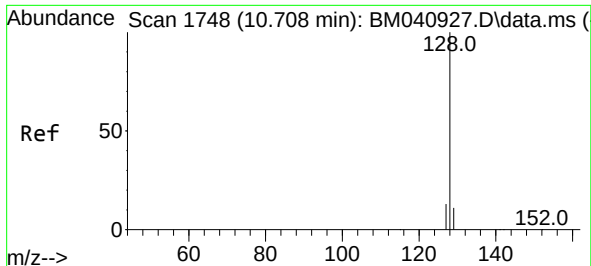
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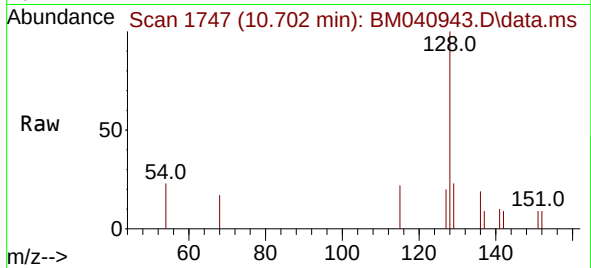
Quant Time: Jul 18 04:43:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

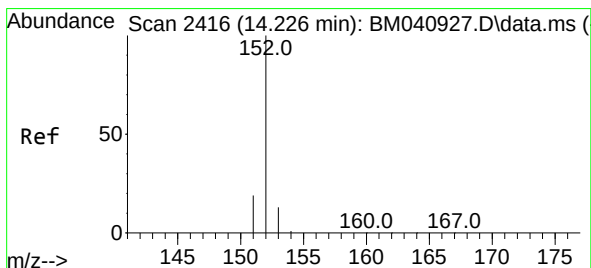
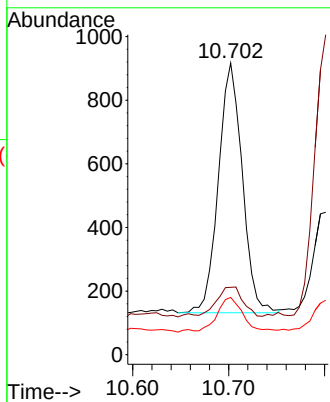
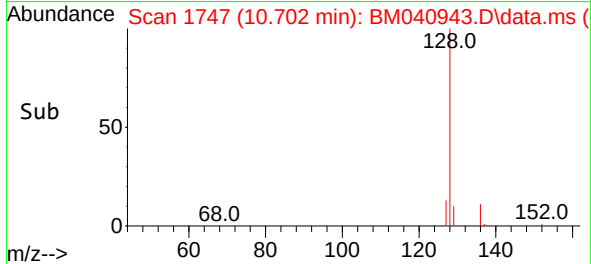
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
129 23.1 9.2 13.8
127 19.6 10.6 15.8

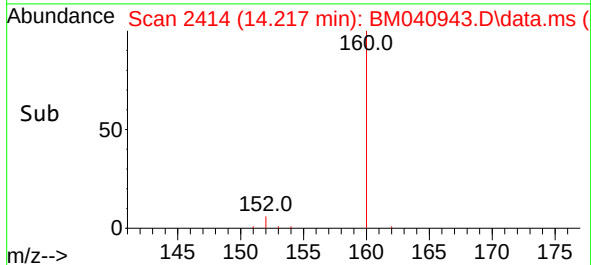
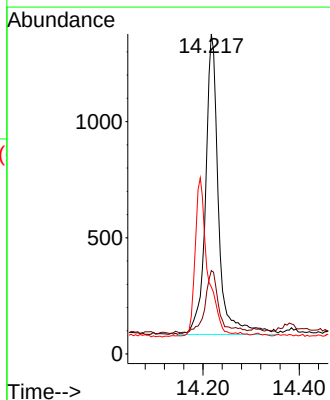
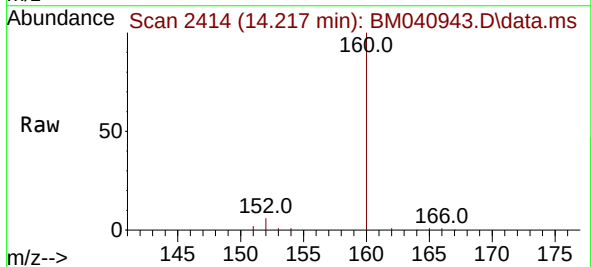
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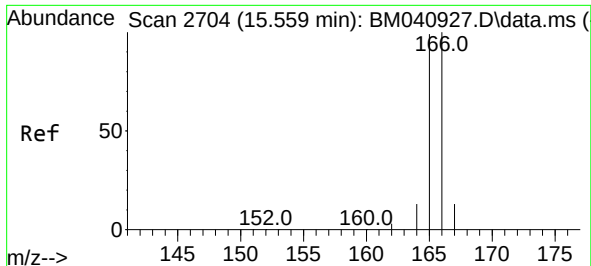
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.014 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

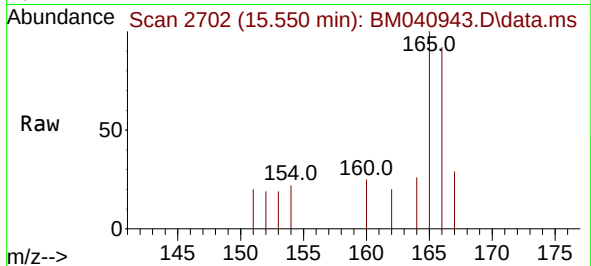
Tgt Ion:152 Resp: 2423
Ion Ratio Lower Upper
152 100
151 26.1 16.2 24.2#
153 21.0 10.9 16.3#





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

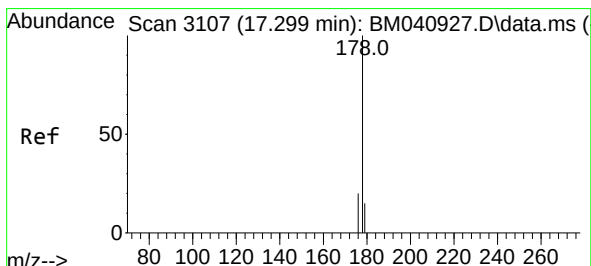
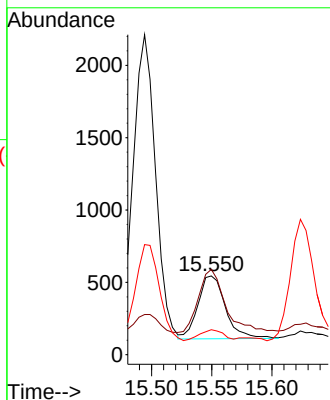
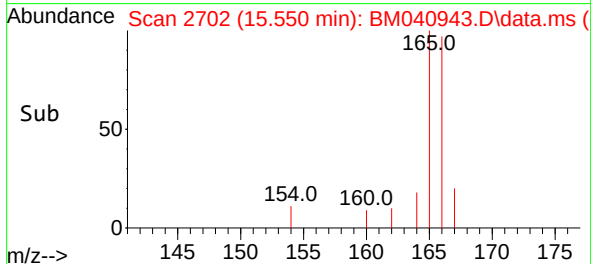
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 692
Ion Ratio Lower Upper
166 100
165 108.5 79.6 119.4
167 31.8 11.4 17.0

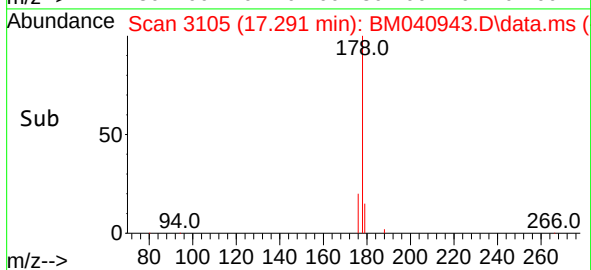
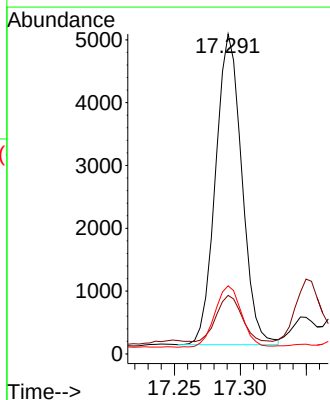
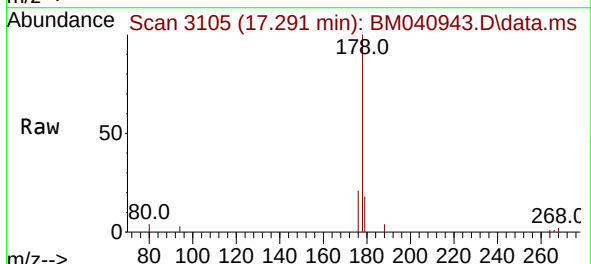
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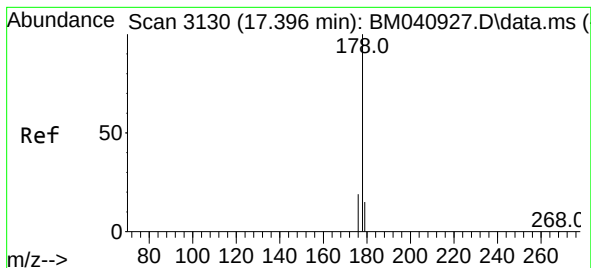
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#15
Phenanthrene
Concen: 0.152 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

Tgt Ion:178 Resp: 6849
Ion Ratio Lower Upper
178 100
179 18.3 12.8 19.2
176 21.3 16.4 24.6





#16

Anthracene

Concen: 0.053 ng/ul

RT: 17.384 min Scan# 3130

Delta R.T. -0.013 min

Lab File: BM040943.D

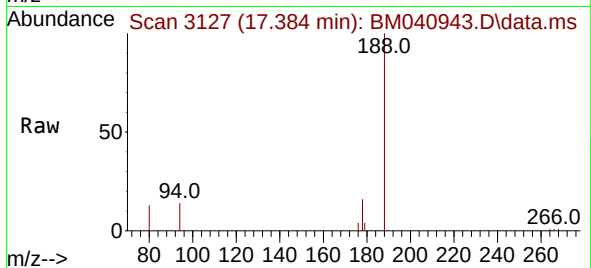
Acq: 18 Jul 2023 04:05

Instrument :

BNA_M

ClientSampleId :

A46M7



Tgt Ion:178 Resp: 199

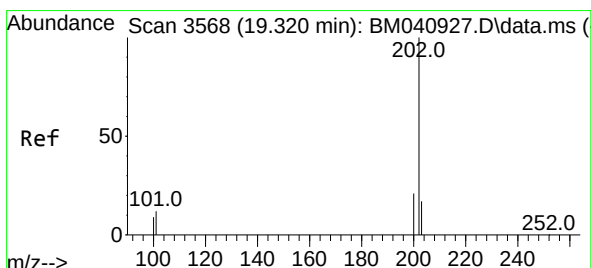
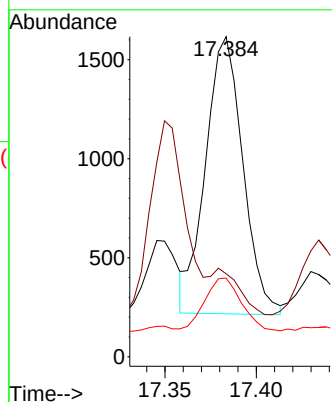
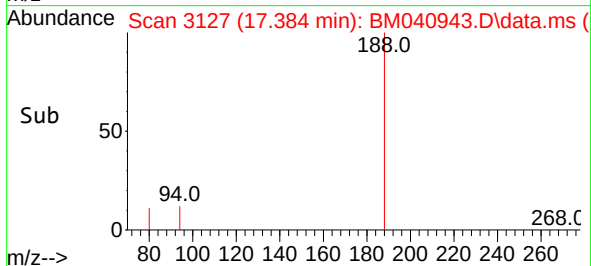
Ion	Ratio	Lower	Upper
178	100		
179	25.9	12.9	19.3
176	24.6	15.8	23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2023

Supervised By :Sohil Jodhani 07/18/2023



#19

Fluoranthene

Concen: 0.663 ng/ul

RT: 19.310 min Scan# 3566

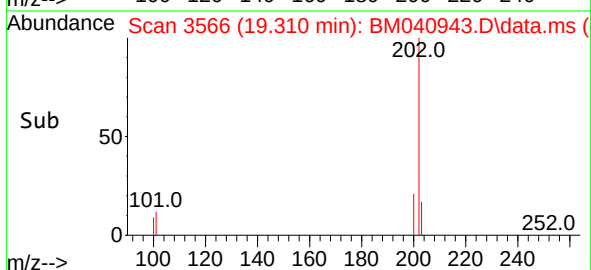
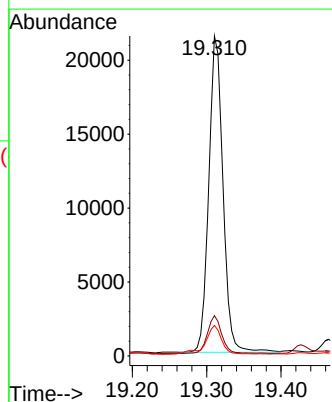
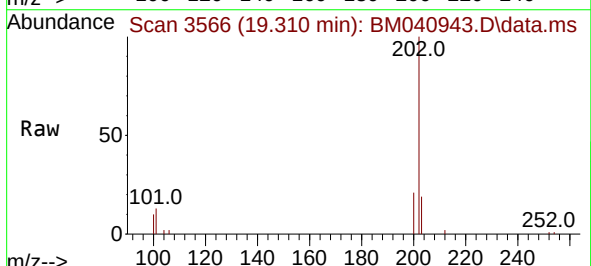
Delta R.T. -0.014 min

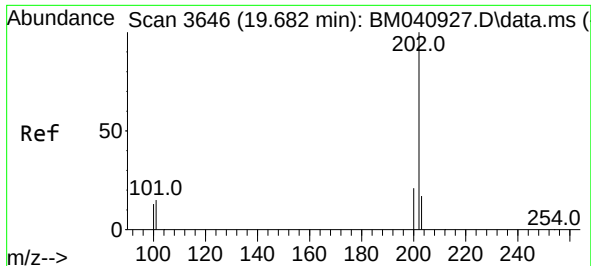
Lab File: BM040943.D

Acq: 18 Jul 2023 04:05

Tgt Ion:202 Resp: 28493

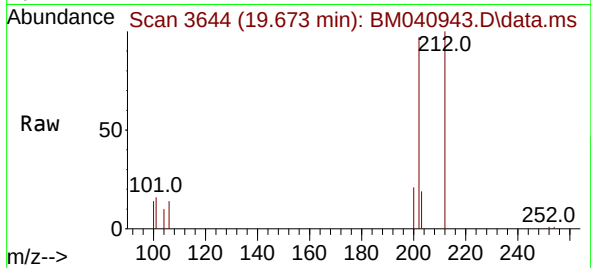
Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	9.6	8.7	13.1





#20
Pyrene
Concen: 0.483 ng/ul m
RT: 19.673 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

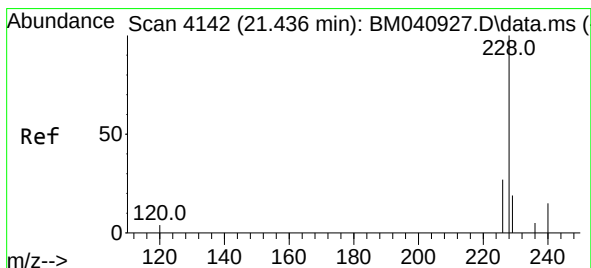
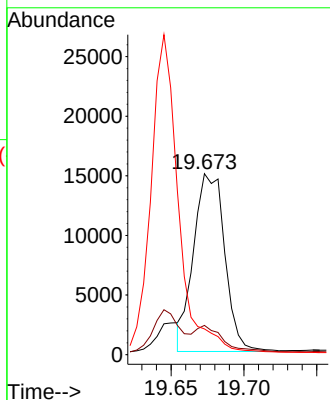
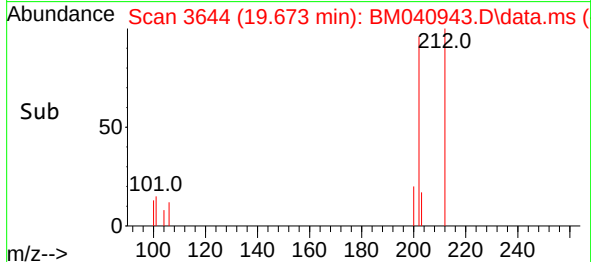
Instrument :
BNA_M
ClientSampleId :
A46M7



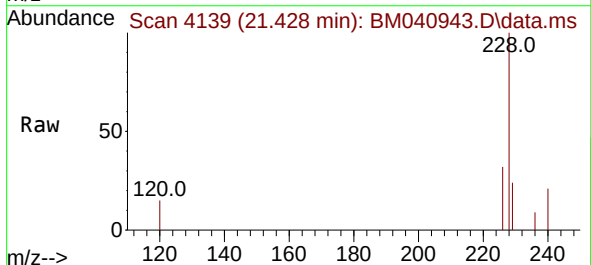
Tgt Ion:202 Resp: 2223
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 14.2 9.8 14.6

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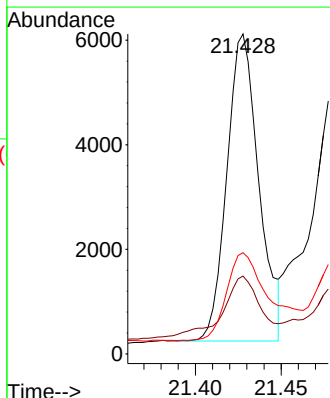
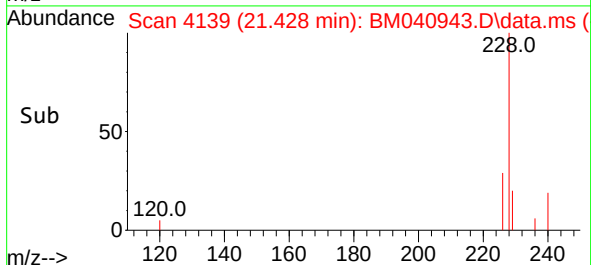
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023

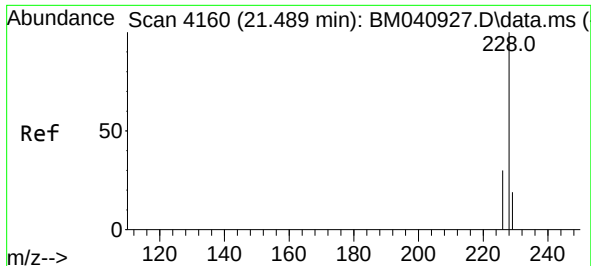


#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05



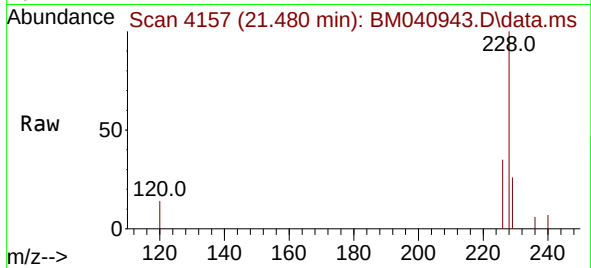
Tgt Ion:228 Resp: 7605
Ion Ratio Lower Upper
228 100
229 24.4 16.0 24.0#
226 31.6 22.3 33.5





#22
Chrysene
Concen: 0.201 ng/ul m
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

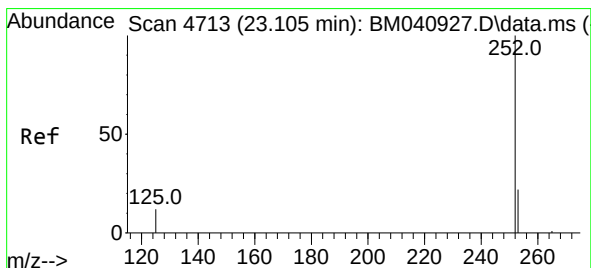
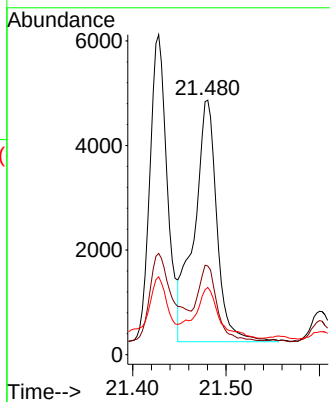
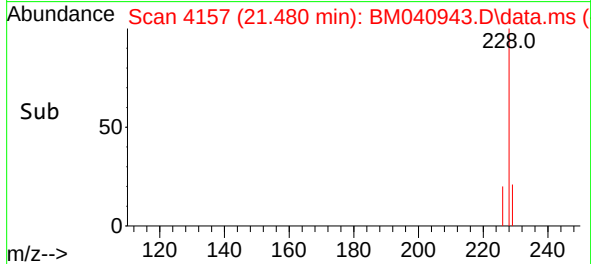
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:228 Resp: 784
Ion Ratio Lower Upper
228 100
226 34.8 24.9 37.3
229 26.4 15.8 23.6

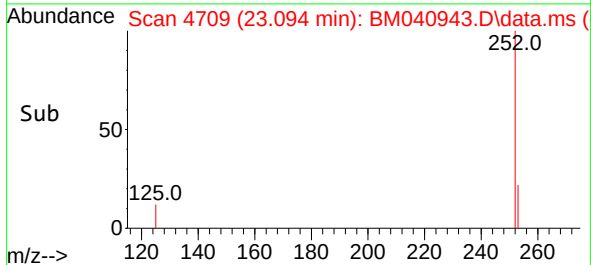
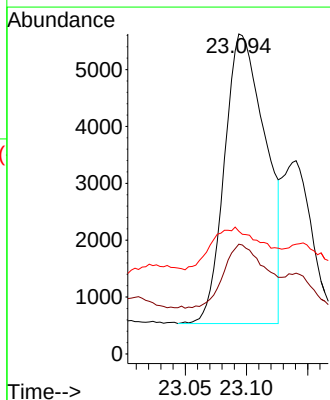
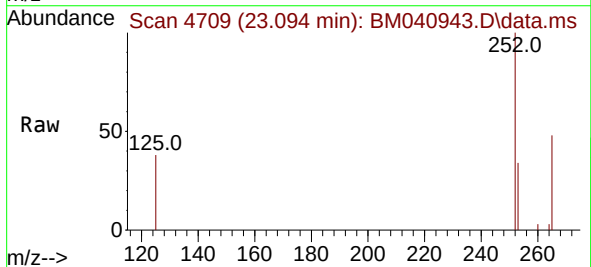
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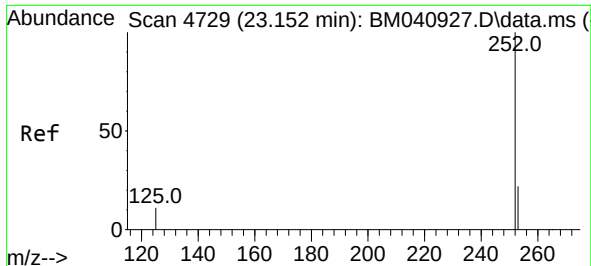
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#24
Benzo(b)fluoranthene
Concen: 0.215 ng/ul
RT: 23.094 min Scan# 4709
Delta R.T. -0.009 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

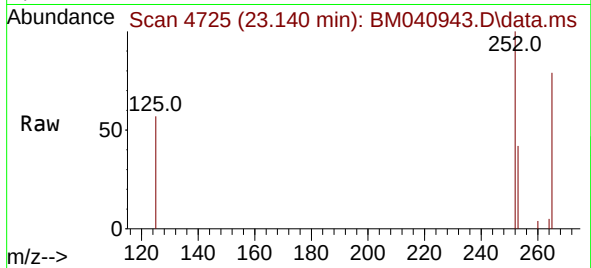
Tgt Ion:252 Resp: 11869
Ion Ratio Lower Upper
252 100
253 34.3 0.0 52.8
125 38.3 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 23.140 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

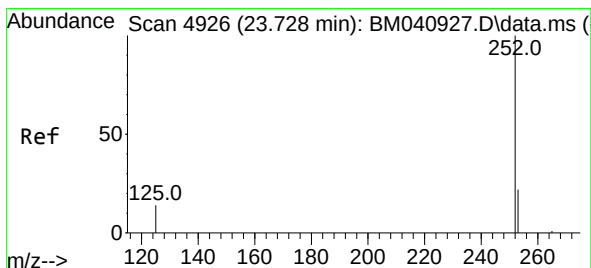
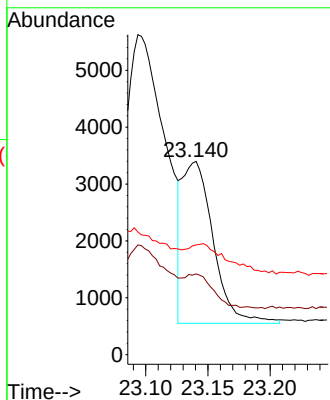
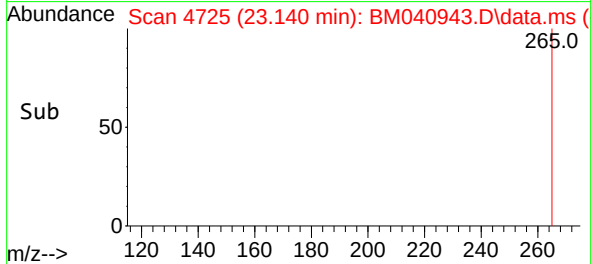
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:252 Resp: 4948
Ion Ratio Lower Upper
252 100
253 41.8 21.2 31.8
125 56.8 16.4 24.6

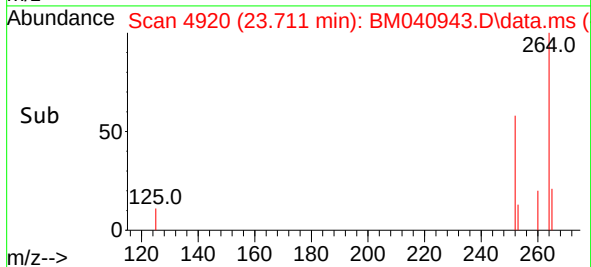
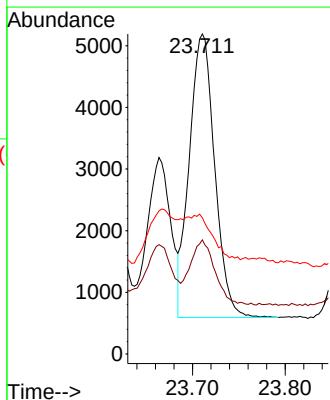
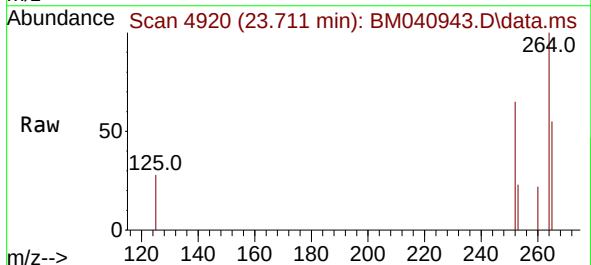
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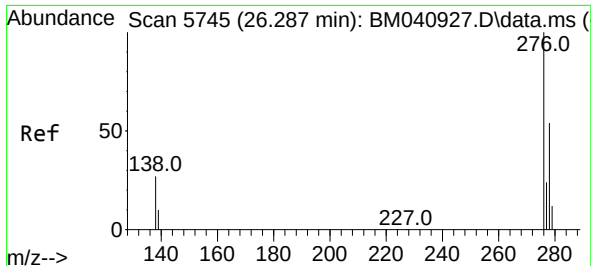
Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Sohil Jodhani 07/18/2023



#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.012 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

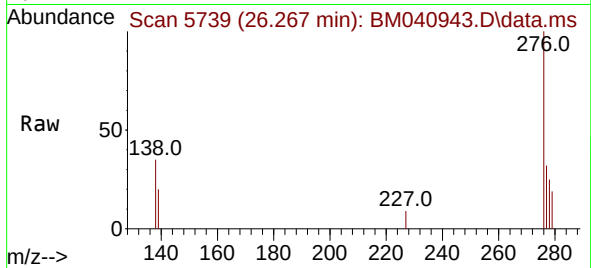
Tgt Ion:252 Resp: 8752
Ion Ratio Lower Upper
252 100
253 35.6 22.9 34.3#
125 42.5 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 26.267 min Scan# 5739
Delta R.T. -0.023 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05

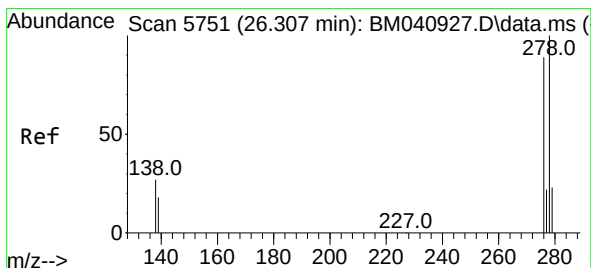
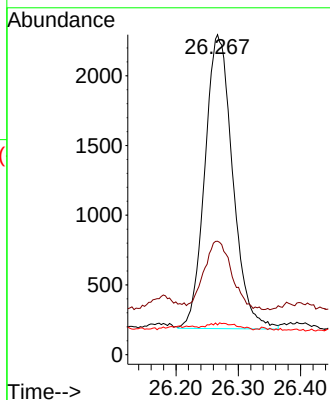
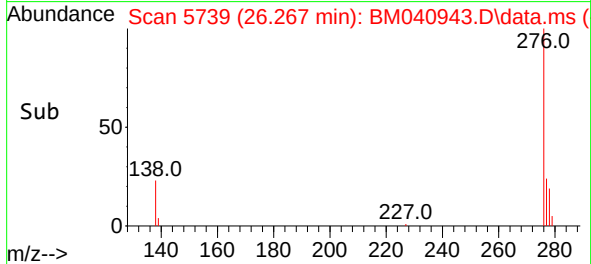
Instrument :
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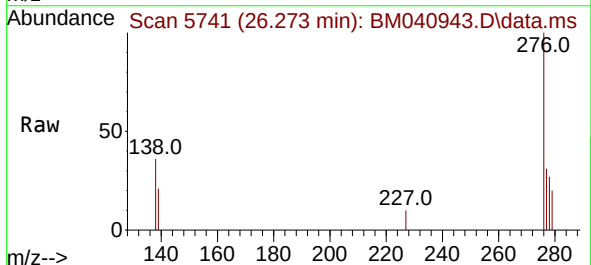
Tgt Ion: 276 Resp: 6544
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7
227 2.2 0.1 0.1

Manual Integrations
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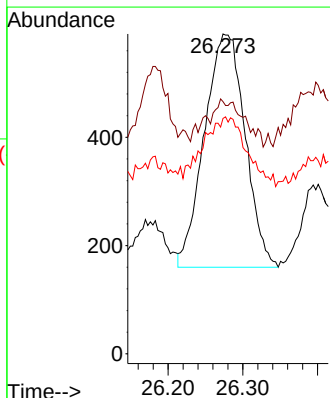
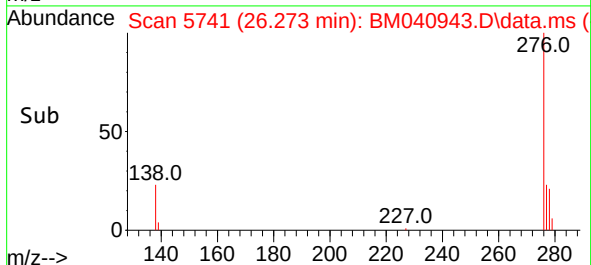
Reviewed By : Yogesh Patel 07/18/2023
Supervised By : Sohil Jodhani 07/18/2023

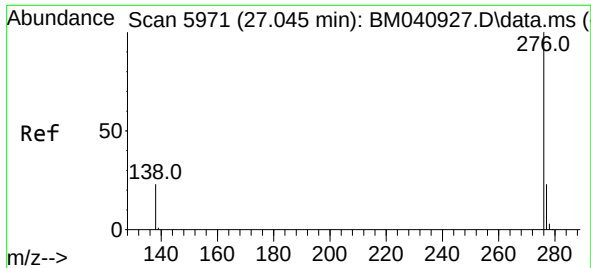


#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.273 min Scan# 5741
Delta R.T. -0.034 min
Lab File: BM040943.D
Acq: 18 Jul 2023 04:05



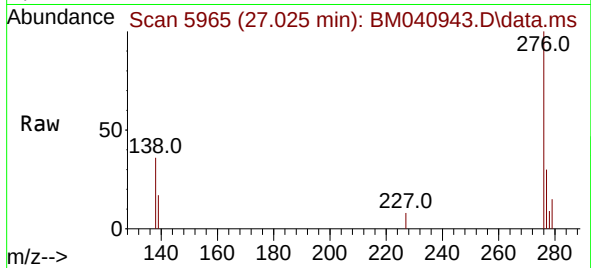
Tgt Ion: 278 Resp: 1631
Ion Ratio Lower Upper
278 100
139 78.8 17.9 26.9#
279 73.6 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.107 ng/ul
 RT: 27.025 min Scan# 5965
 Delta R.T. -0.020 min
 Lab File: BM040943.D
 Acq: 18 Jul 2023 04:05

Instrument :
 BNA_M
 ClientSampleId :
 A46M7



Tgt Ion:	276	Resp:	6480
Ion	Ratio	Lower	Upper
276	100		
138	35.7	23.0	34.6
277	30.1	20.3	30.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Sohil Jodhani 07/18/2023

