

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040510.D
 Acq On : 01 Jul 2023 19:14
 Operator : MA/JU
 Sample : 03161-22DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:48:48 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	6959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	25389	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	12453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	25516	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18122	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	16621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4189	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1211	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	2187	0.038	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.406	142	881	0.021	ng/ul	95
10) Acenaphthylene	14.295	152	1586	0.029	ng/ul#	77
15) Phenanthrene	17.362	178	16668	0.210	ng/ul	99
16) Anthracene	17.455	178	1918	0.029	ng/ul#	81
19) Fluoranthene	19.380	202	55870	0.726	ng/ul	98
20) Pyrene	19.742	202	45561	0.552	ng/ul	99
21) Benzo(a)anthracene	21.486	228	22919	0.374	ng/ul	97
22) Chrysene	21.541	228	31097	0.445	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	47635	0.741	ng/ul	100
25) Benzo(k)fluoranthene	23.219	252	15770m	0.249	ng/ul	
26) Benzo(a)pyrene	23.806	252	24824	0.428	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.417	276	23801	0.295	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.420	278	5796	0.092	ng/ul#	67
29) Benzo(g,h,i)perylene	27.188	276	21476	0.304	ng/ul	99

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

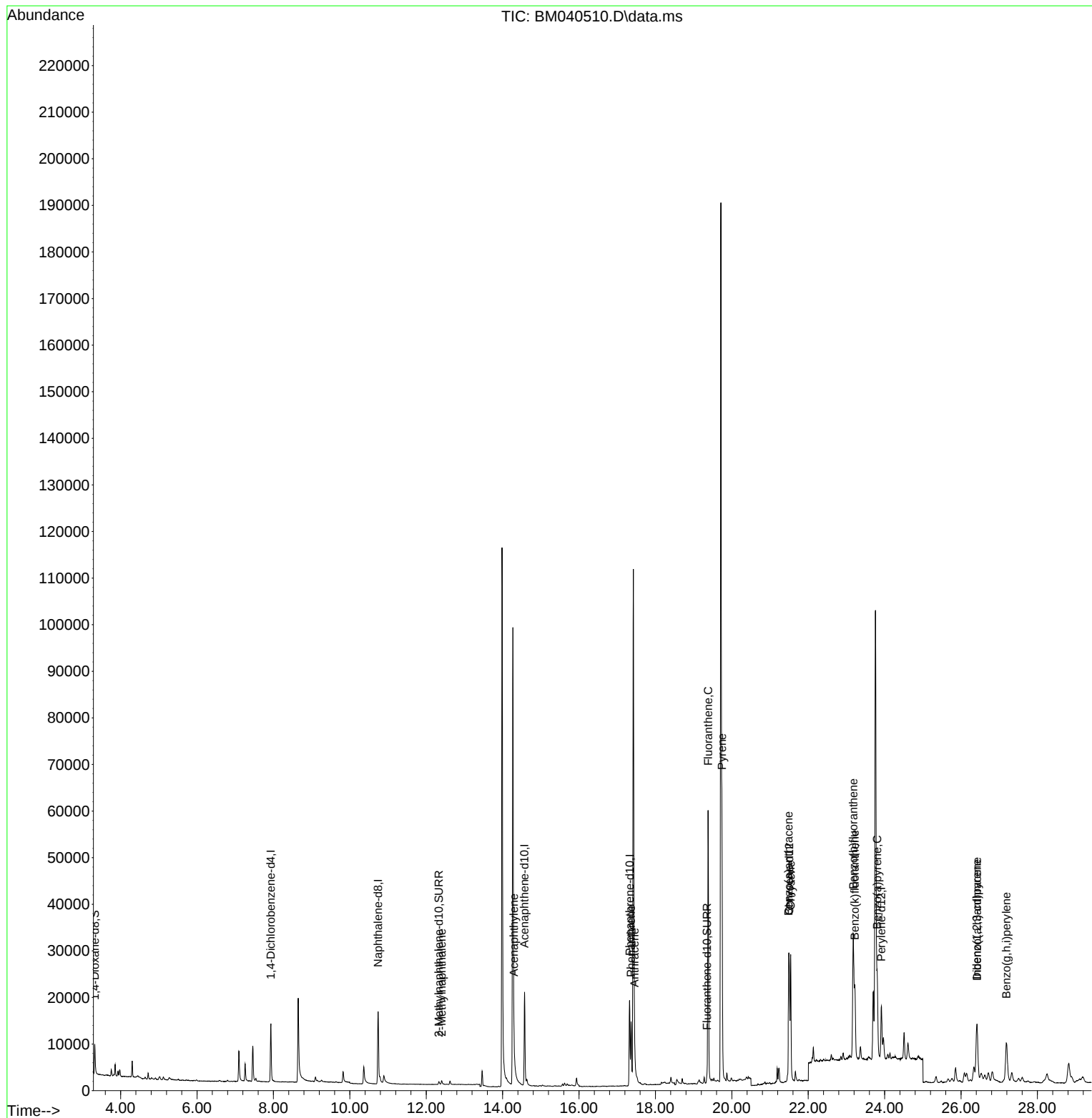
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040510.D
Acq On : 01 Jul 2023 19:14
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Sample : 03161-22DL 5X
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ALS Vial : 16 Sample Multiplier: 1

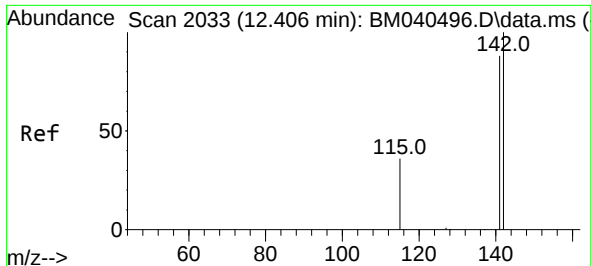
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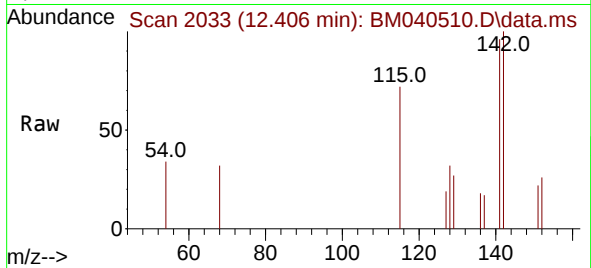
Quant Time: Jul 01 23:48:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

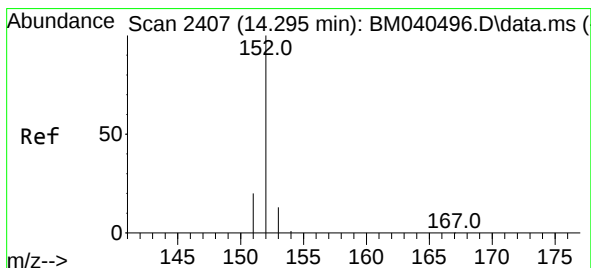
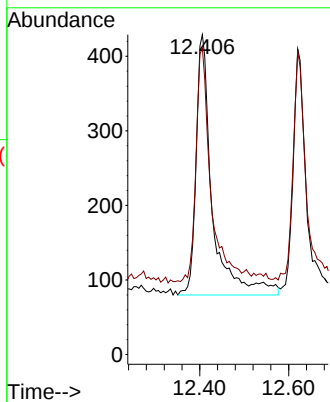
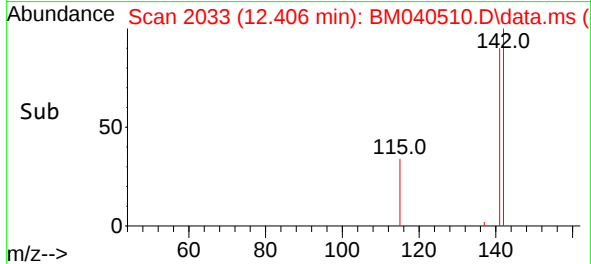
Instrument :
BNA_M
ClientSampleId :
DCFX8DL



Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
141 84.9 71.9 107.9

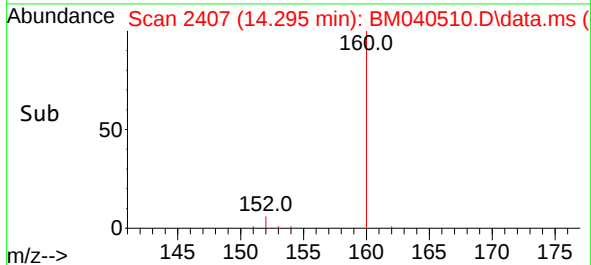
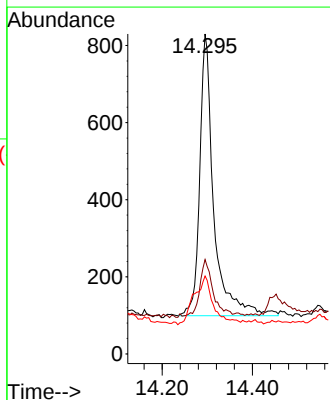
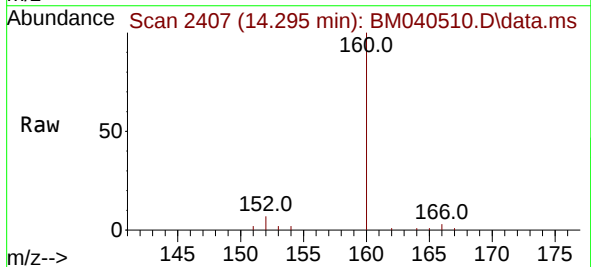
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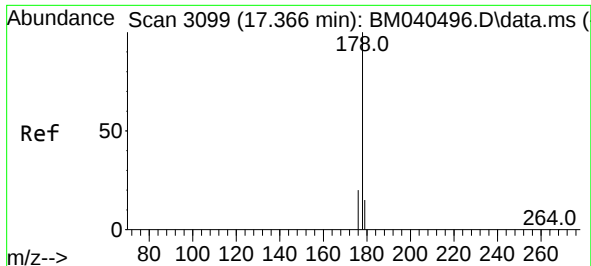
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

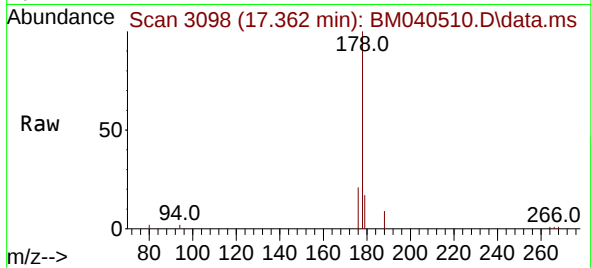
Tgt Ion:152 Resp: 1586
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 24.3 10.9 16.3#





#15
Phenanthrene
Concen: 0.210 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

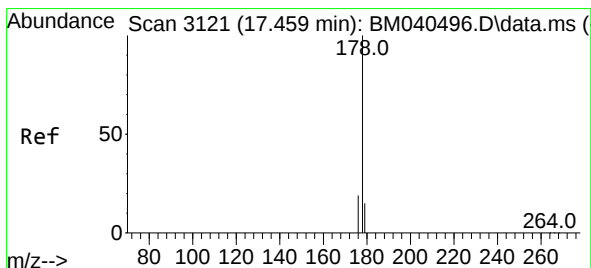
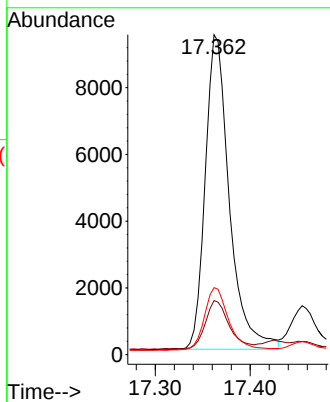
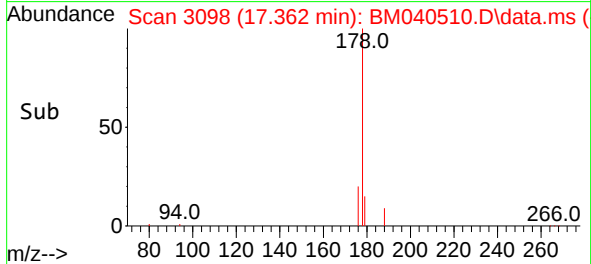
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ClientSampleId :
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Tgt Ion:178 Resp: 1666
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 21.0 16.4 24.6

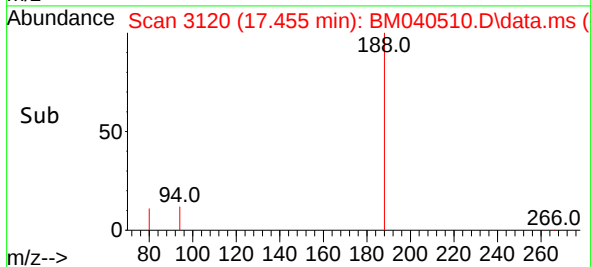
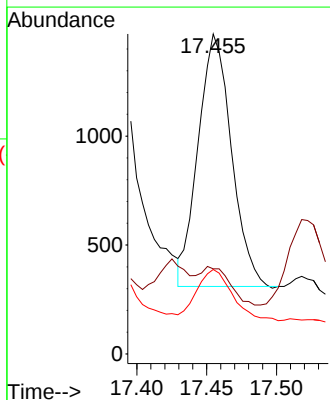
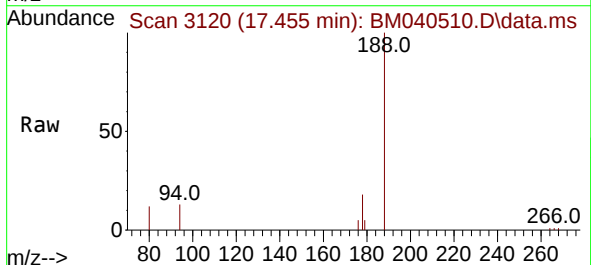
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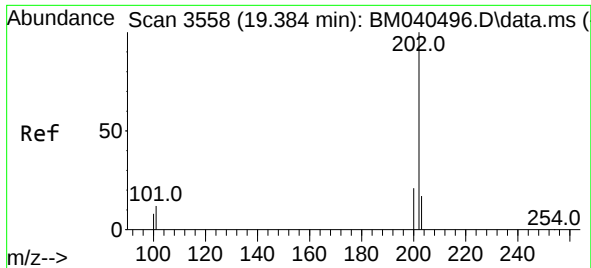
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

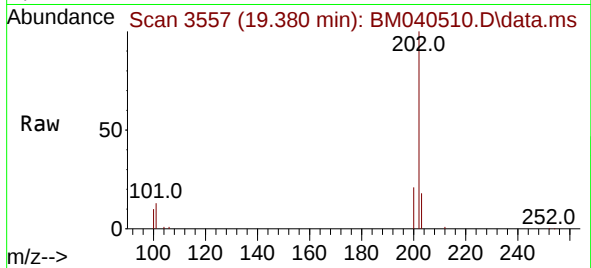
Tgt Ion:178 Resp: 1918
Ion Ratio Lower Upper
178 100
179 26.6 12.9 19.3#
176 26.4 15.8 23.6#





#19
Fluoranthene
Concen: 0.726 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

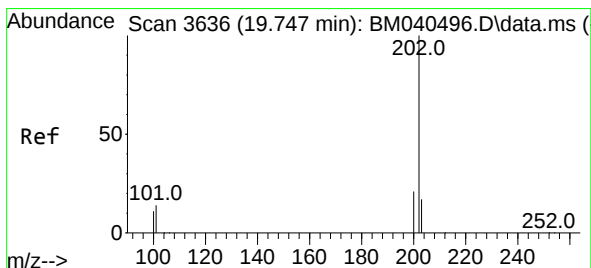
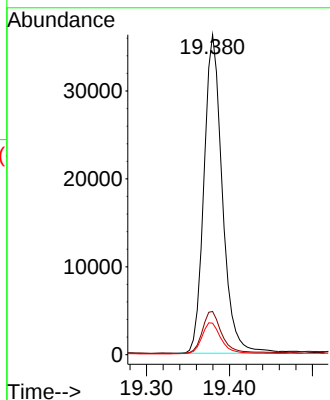
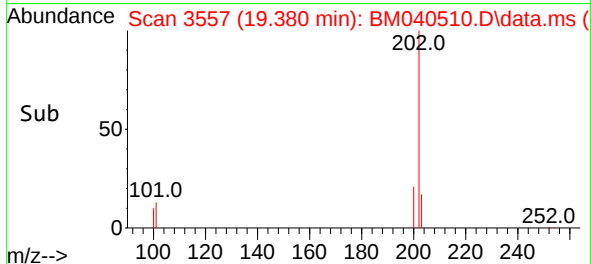
Instrument :
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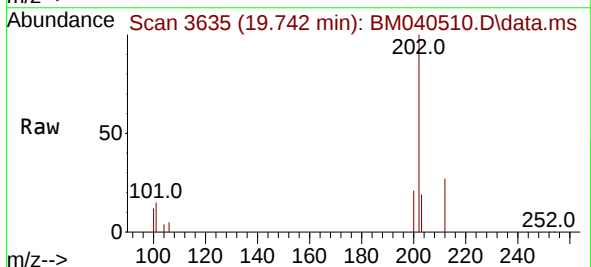
Tgt Ion:202 Resp: 55870
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 9.9 8.7 13.1

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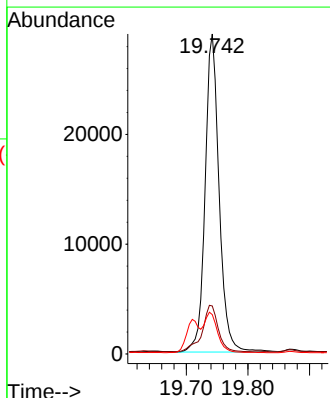
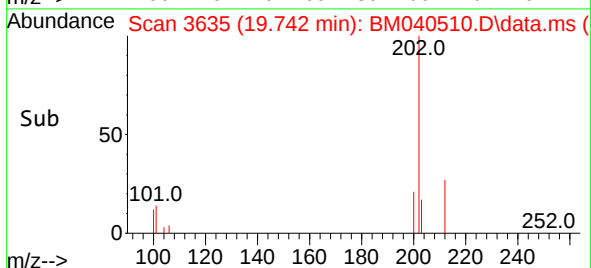
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

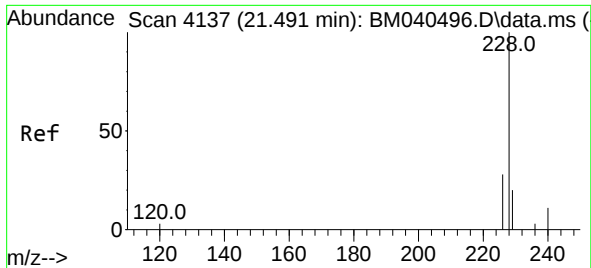


#20
Pyrene
Concen: 0.552 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14



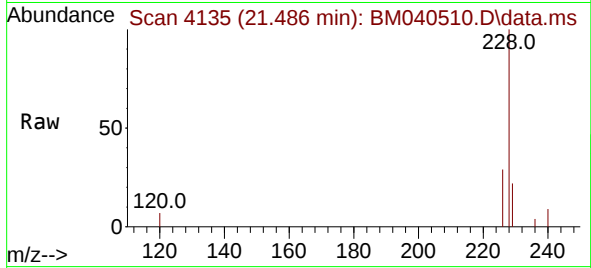
Tgt Ion:202 Resp: 45561
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

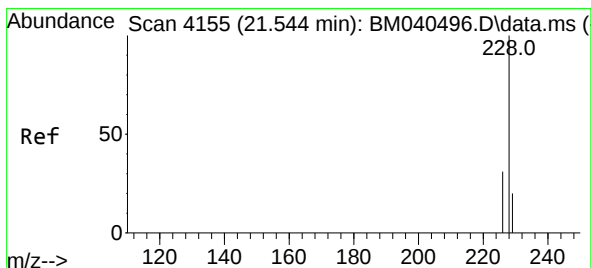
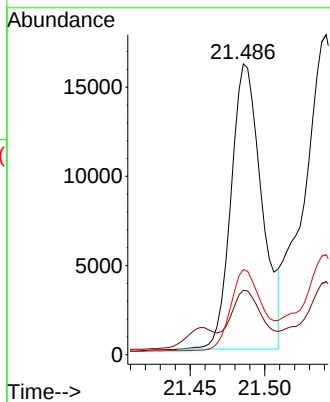
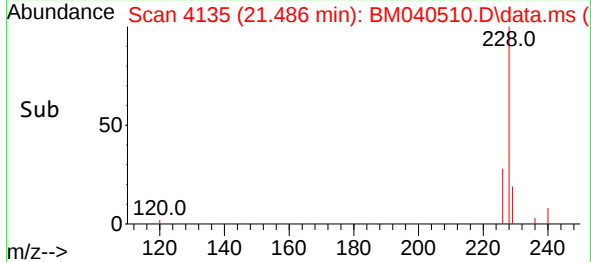
Instrument :
BNA_M
ClientSampleId :
DCFX8DL



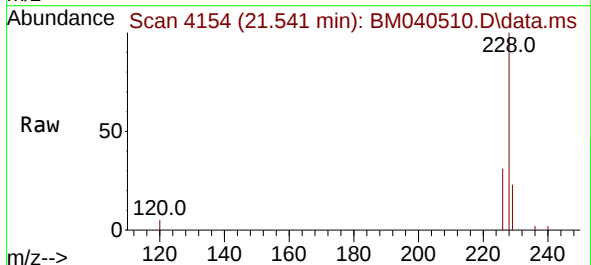
Tgt Ion:228 Resp: 22919
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.2 22.3 33.5

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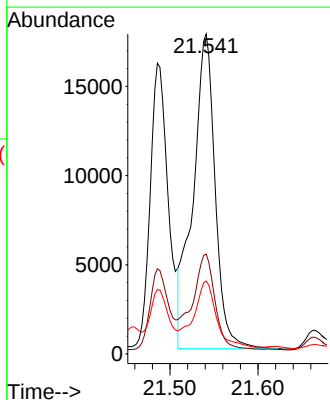
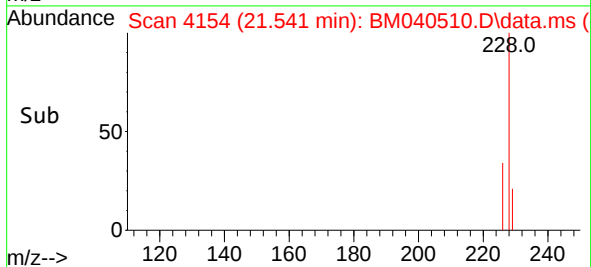
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

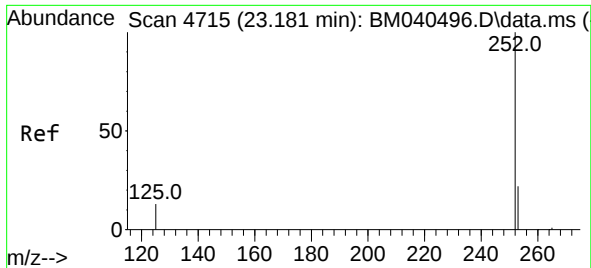


#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14



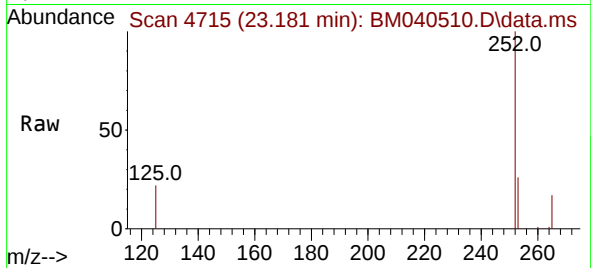
Tgt Ion:228 Resp: 31097
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.741 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

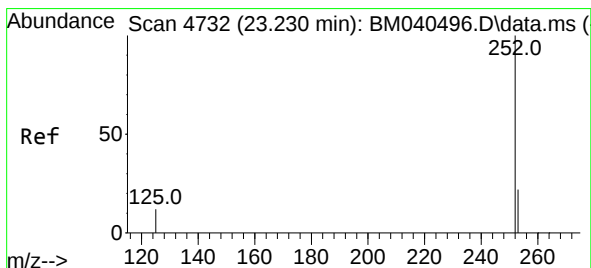
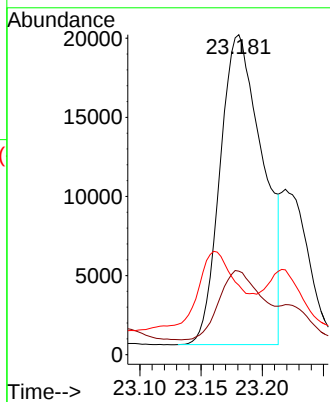
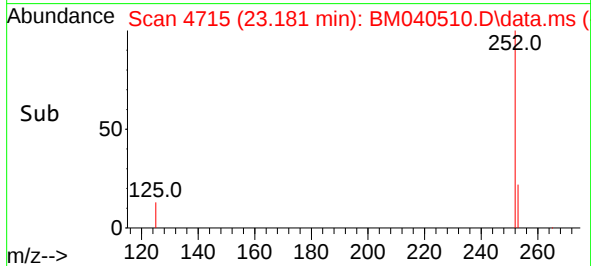
Instrument :
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ClientSampleId :
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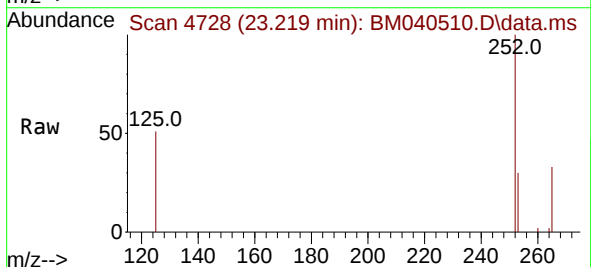
Tgt Ion:252 Resp: 47635
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 21.7 0.0 43.0

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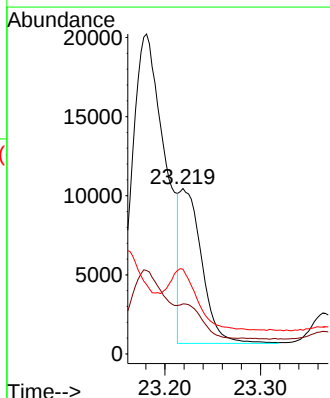
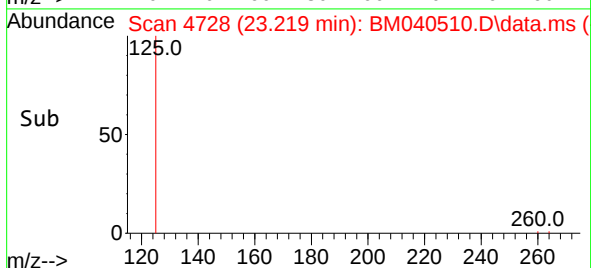
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

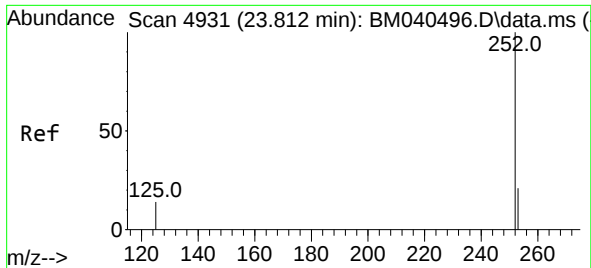


#25
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14



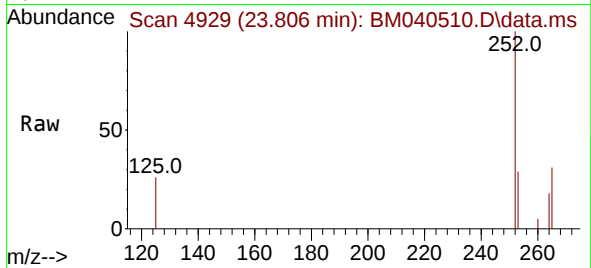
Tgt Ion:252 Resp: 15770
Ion Ratio Lower Upper
252 100
253 30.3 21.2 31.8
125 51.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 23.806 min Scan# 4931
Delta R.T. -0.006 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

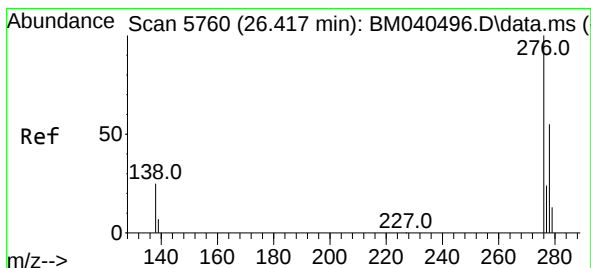
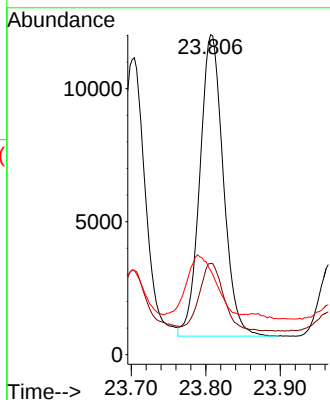
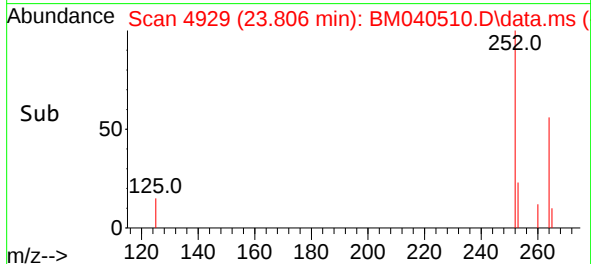
Instrument :
BNA_M
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DCFX8DL



Tgt Ion:252 Resp: 24824
Ion Ratio Lower Upper
252 100
253 28.6 22.9 34.3
125 26.3 21.0 31.4

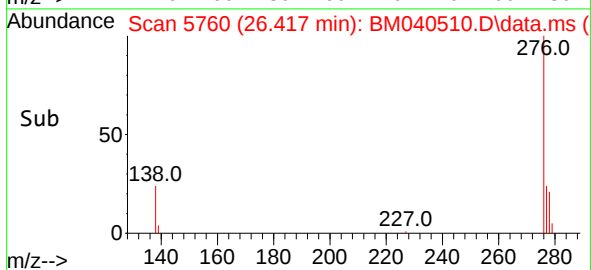
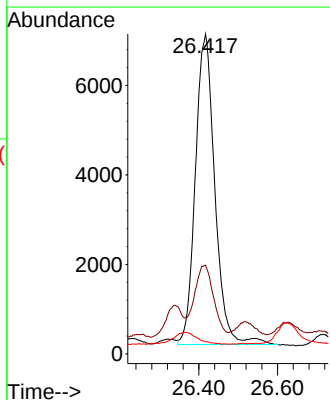
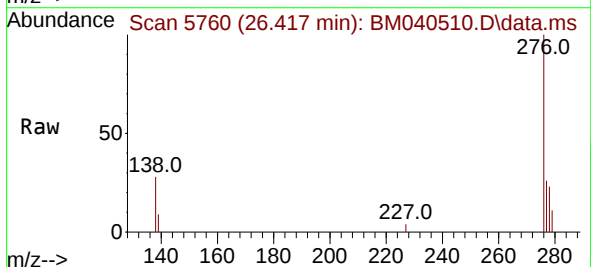
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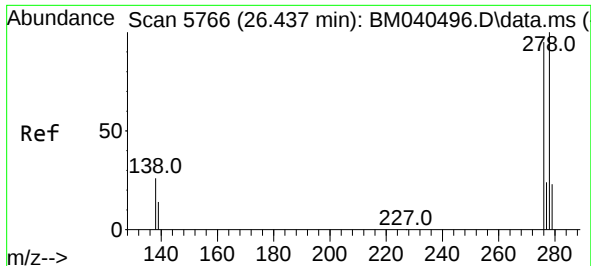
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

Tgt Ion:276 Resp: 23801
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.1 0.1#





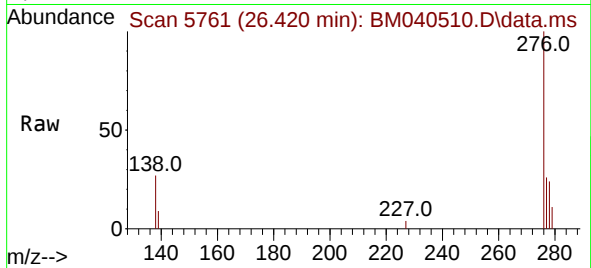
#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.420 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCFX8DL

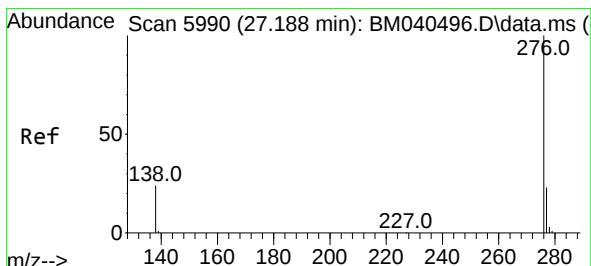
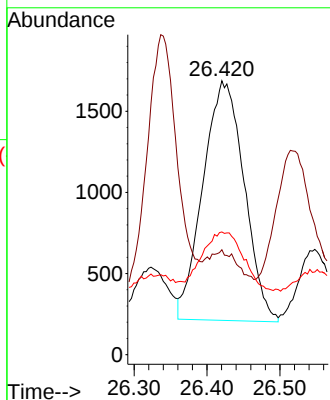
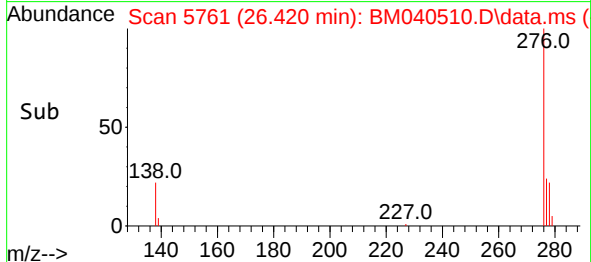


Tgt Ion:278 Resp: 5790
Ion Ratio Lower Upper
278 100
139 38.3 17.9 26.9
279 44.8 22.0 33.0

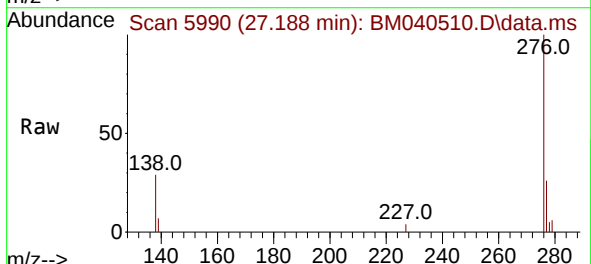
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#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 27.188 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14



Tgt Ion:276 Resp: 21476
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.6
277 26.2 20.3 30.5

