

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040499.D
 Acq On : 01 Jul 2023 12:25
 Operator : MA/JU
 Sample : 03161-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:46:55 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	8093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	29348	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	13823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	26629	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	15545	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	14839	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5768	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	1356	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	2049	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.295	152	1422	0.023	ng/ul#	73
15) Phenanthrene	17.366	178	28809	0.348	ng/ul	100
16) Anthracene	17.455	178	3848	0.055	ng/ul#	83
19) Fluoranthene	19.379	202	87177	1.320	ng/ul	96
20) Pyrene	19.742	202	67316	0.951	ng/ul	99
21) Benzo(a)anthracene	21.488	228	25158	0.478	ng/ul	98
22) Chrysene	21.541	228	35817	0.597	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	50709	0.883	ng/ul	98
25) Benzo(k)fluoranthene	23.225	252	16481m	0.291	ng/ul	
26) Benzo(a)pyrene	23.809	252	25646	0.496	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.417	276	25143	0.349	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.427	278	5623	0.100	ng/ul#	70
29) Benzo(g,h,i)perylene	27.192	276	22830	0.362	ng/ul	99

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

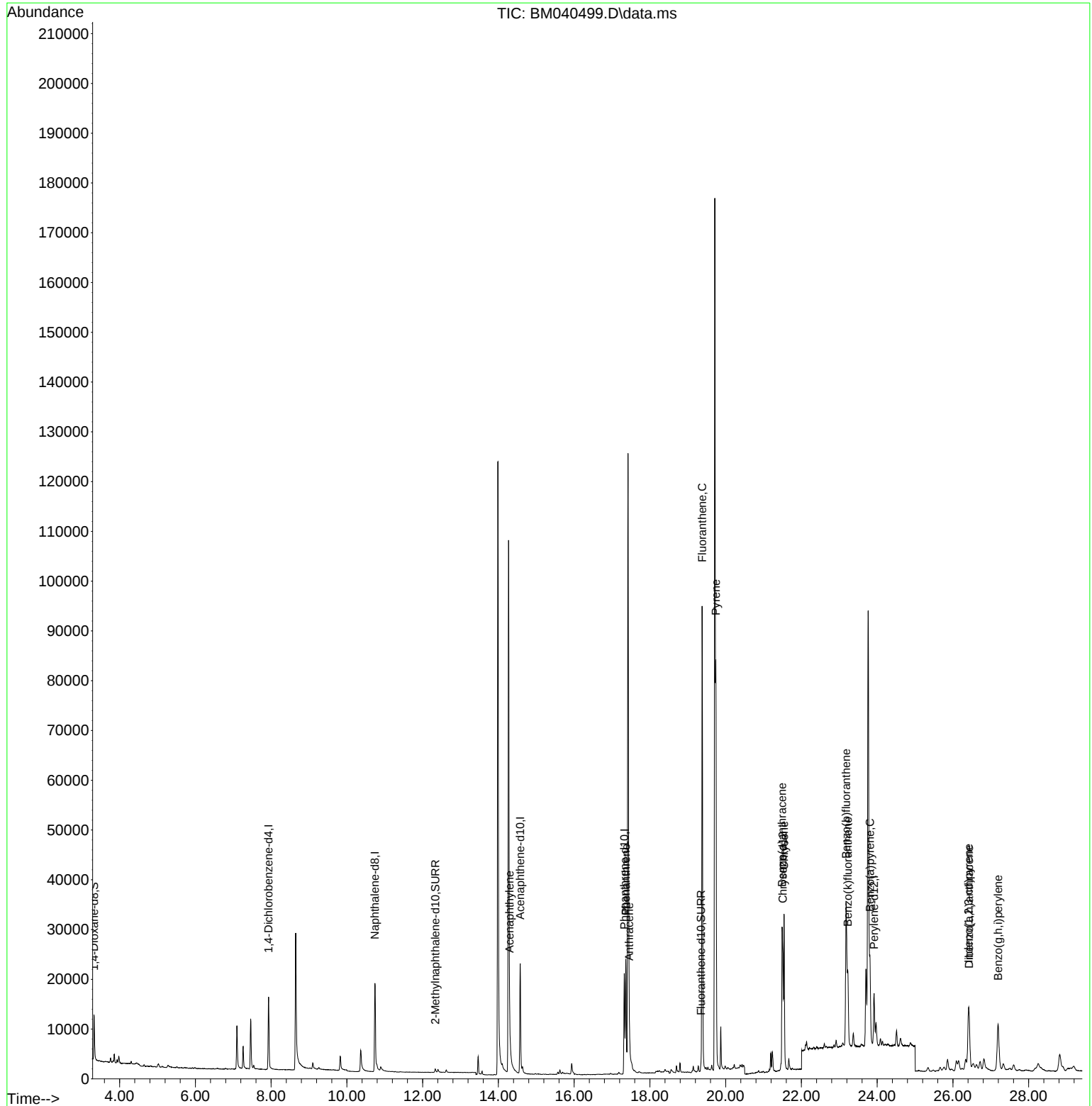
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040499.D
Acq On : 01 Jul 2023 12:25
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Sample : 03161-06DL 5X
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ALS Vial : 5 Sample Multiplier: 1

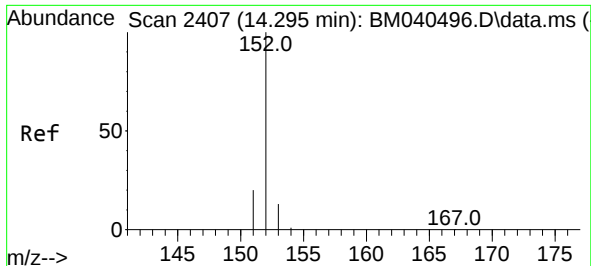
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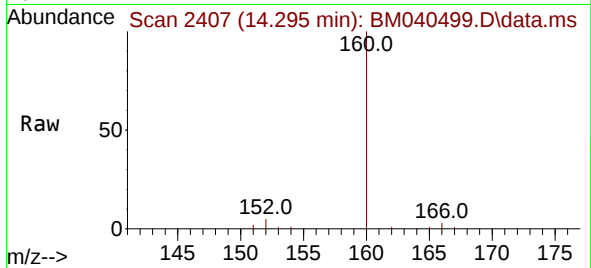
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

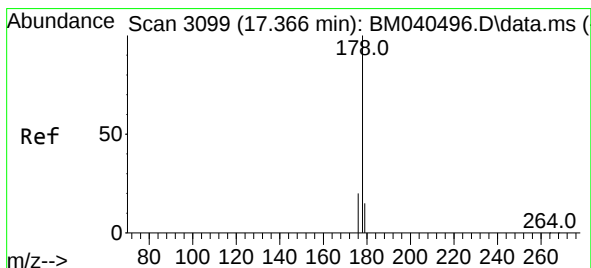
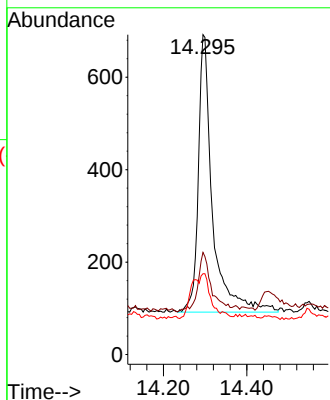
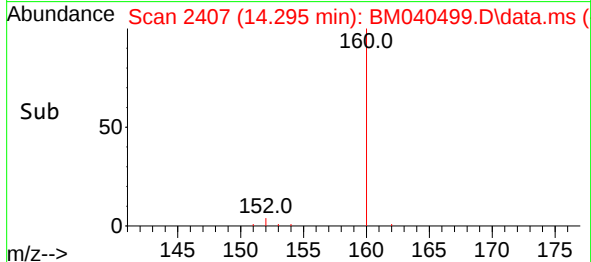
Instrument :
BNA_M
ClientSampleId :
DCFV2DL



Tgt Ion:152 Resp: 142
Ion Ratio Lower Upper
152 100
151 31.9 16.2 24.2
153 25.3 10.9 16.3

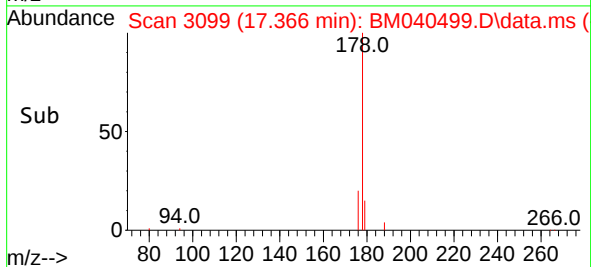
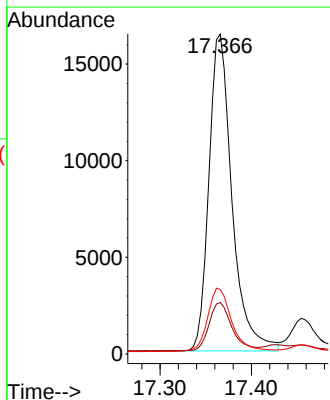
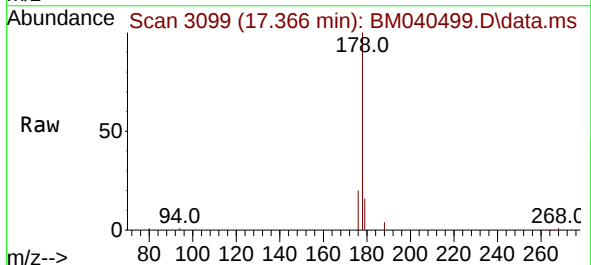
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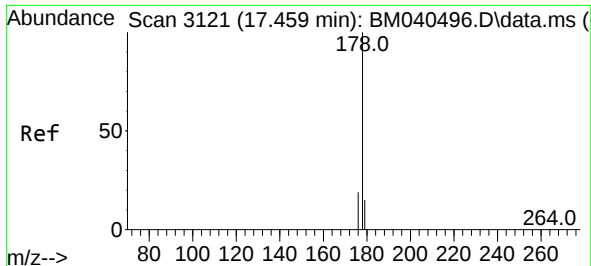
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

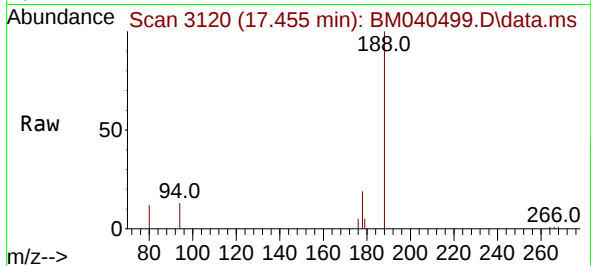
Tgt Ion:178 Resp: 28809
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.1 16.4 24.6





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.455 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BM040499.D
 Acq: 01 Jul 2023 12:25

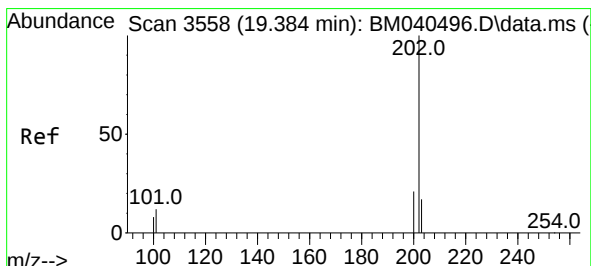
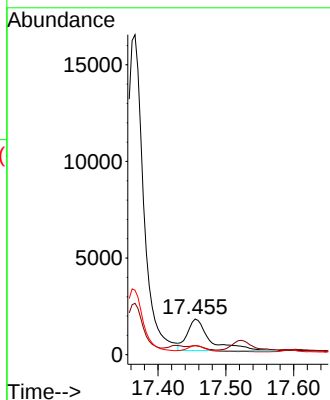
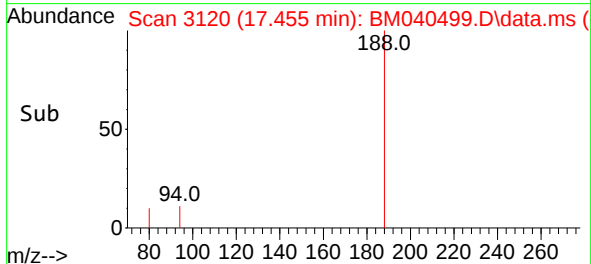
Instrument :
 BNA_M
 ClientSampleId :
 DCFW2DL



Tgt Ion:178 Resp: 384
 Ion Ratio Lower Upper
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 179 25.5 12.9 19.3
 176 25.2 15.8 23.6

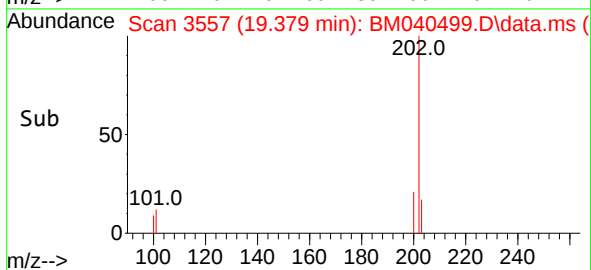
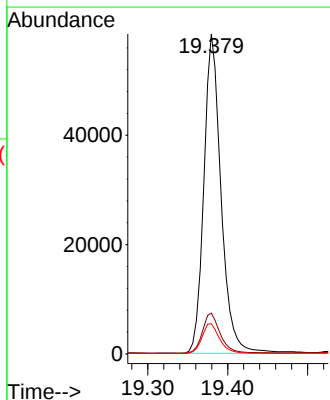
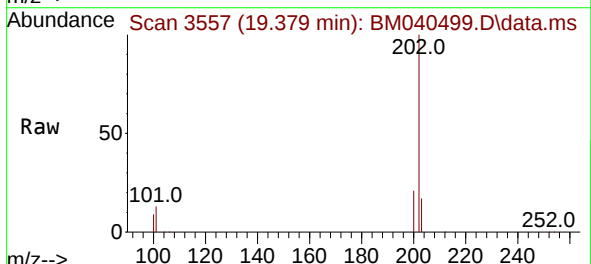
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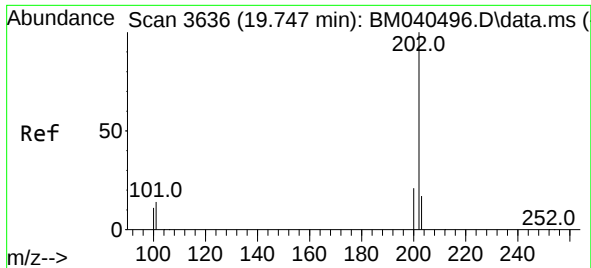
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 1.320 ng/ul
 RT: 19.379 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BM040499.D
 Acq: 01 Jul 2023 12:25

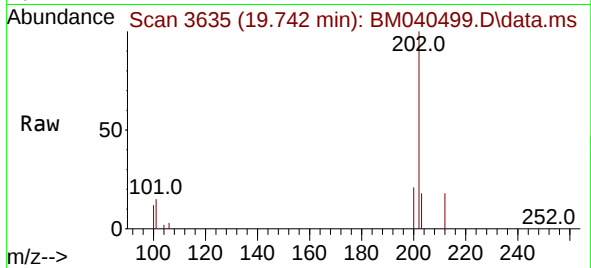
Tgt Ion:202 Resp: 87177
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 9.5 8.7 13.1





#20
Pyrene
Concen: 0.951 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

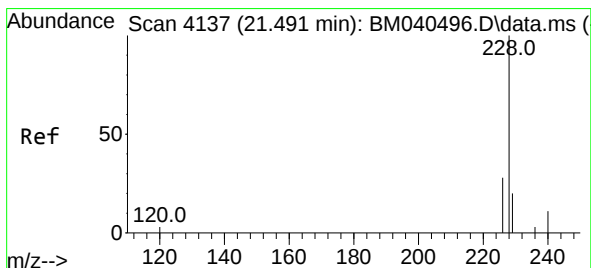
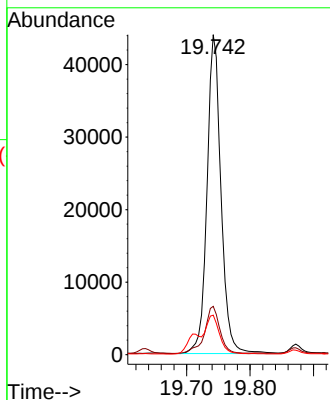
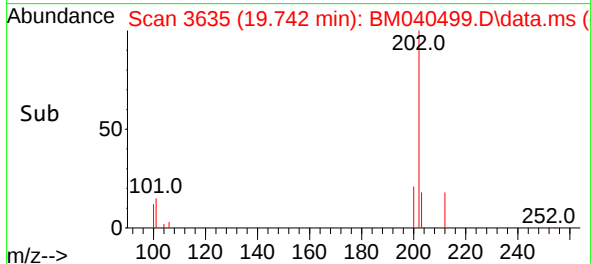
Instrument :
BNA_M
ClientSampleId :
DCFW2DL



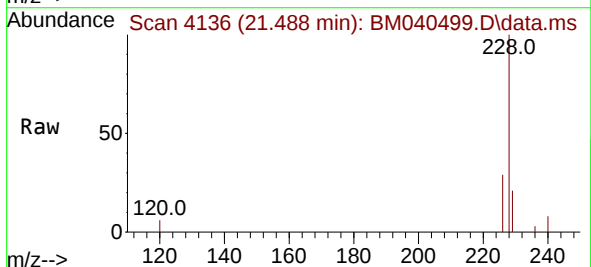
Tgt Ion:202 Resp: 67310
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.4 9.8 14.6

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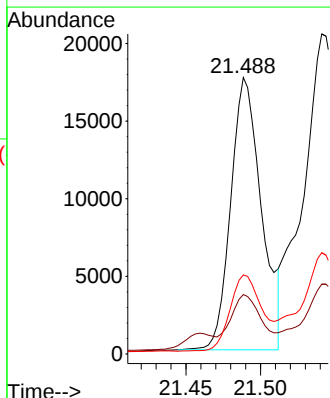
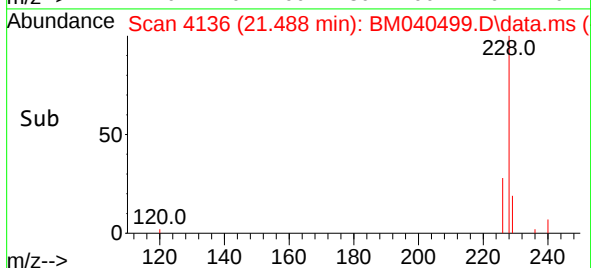
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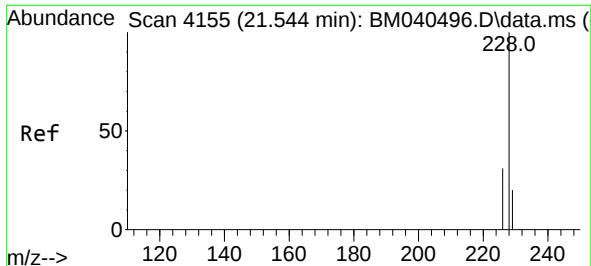


#21
Benzo(a)anthracene
Concen: 0.478 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25



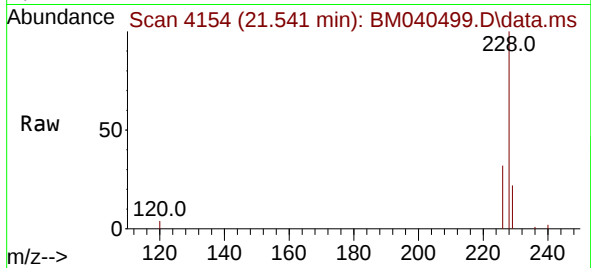
Tgt Ion:228 Resp: 25158
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.6 22.3 33.5





#22
Chrysene
Concen: 0.597 ng/ul
RT: 21.541 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

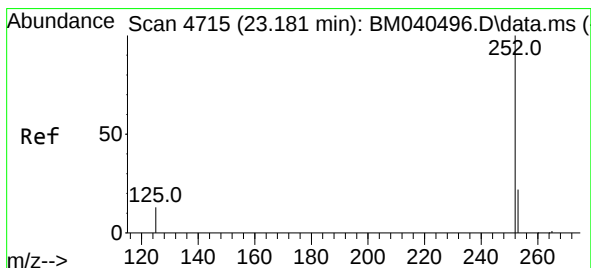
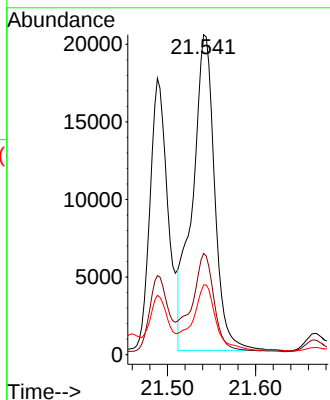
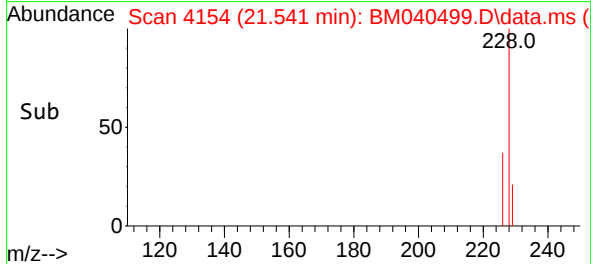
Instrument :
BNA_M
ClientSampleId :
DCF2DL



Tgt Ion:228 Resp: 3581
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 21.8 15.8 23.6

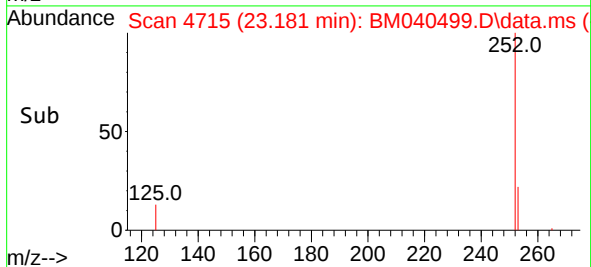
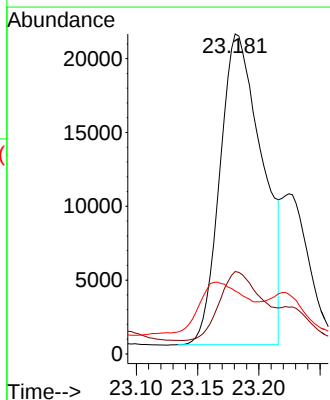
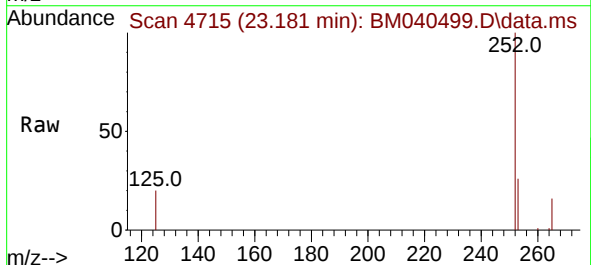
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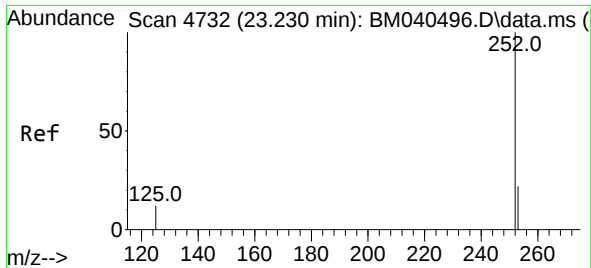
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 0.883 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

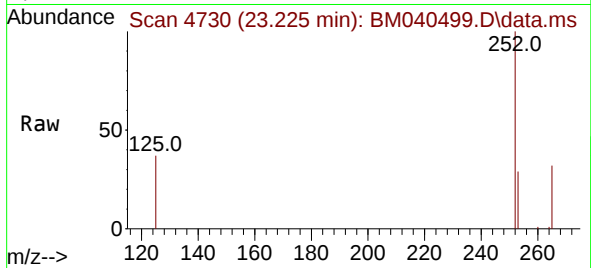
Tgt Ion:252 Resp: 50709
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 19.7 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

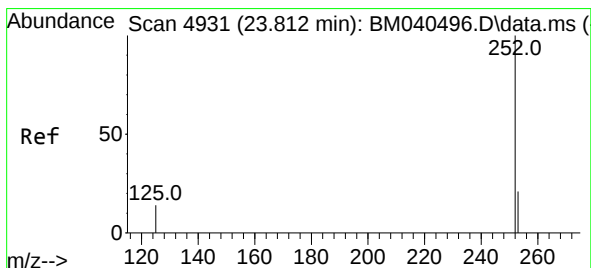
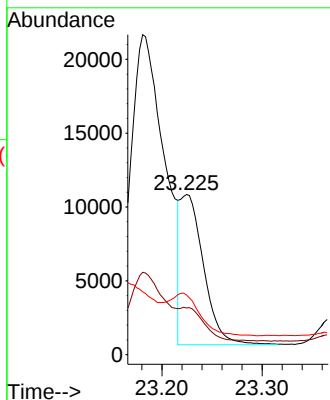
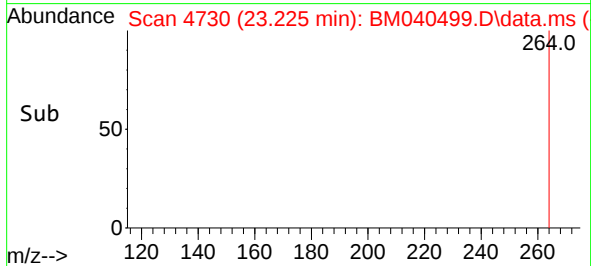
Instrument :
BNA_M
ClientSampleId :
DCF2DL



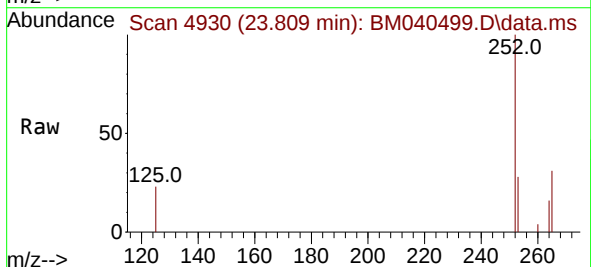
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Ion Ratio Lower Upper
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253 29.1 21.2 31.8
125 37.3 16.4 24.6

Manual Integrations
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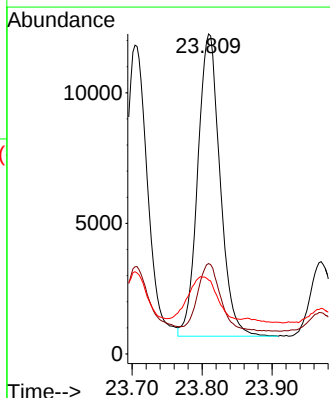
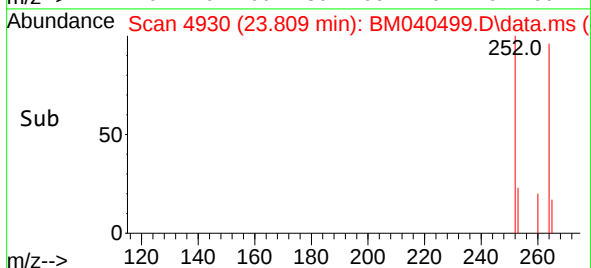
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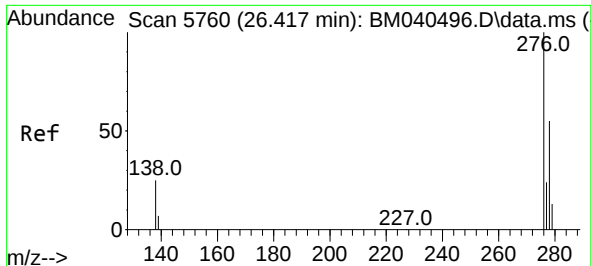


#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25



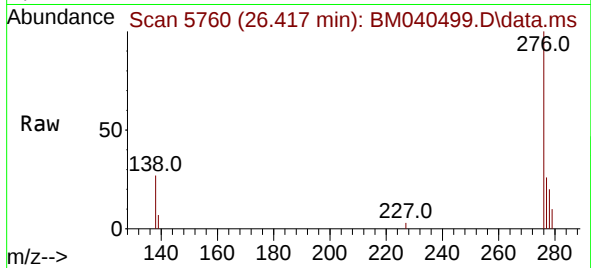
Tgt Ion:252 Resp: 25646
Ion Ratio Lower Upper
252 100
253 28.3 22.9 34.3
125 23.1 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

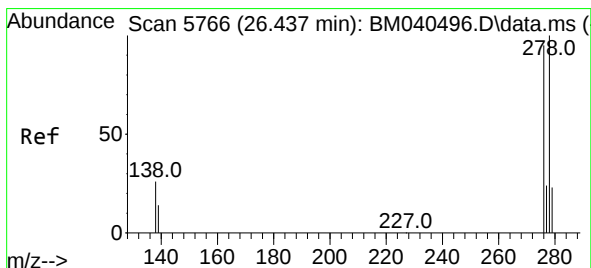
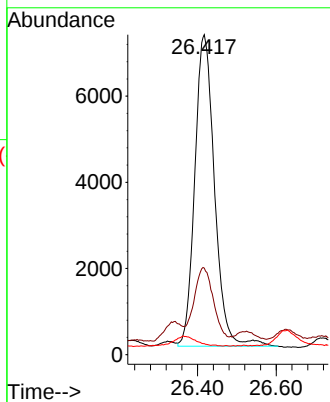
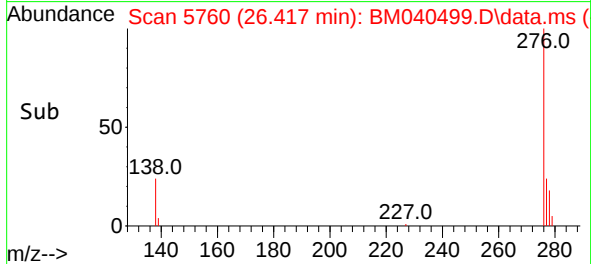
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BNA_M
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DCFV2DL



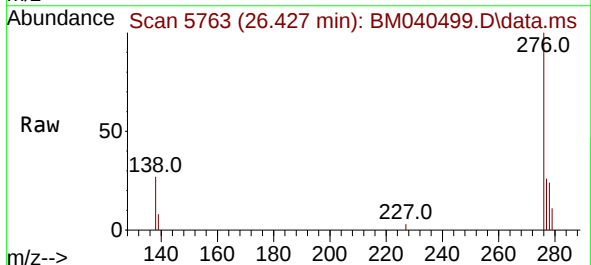
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Ion Ratio Lower Upper
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138 22.7 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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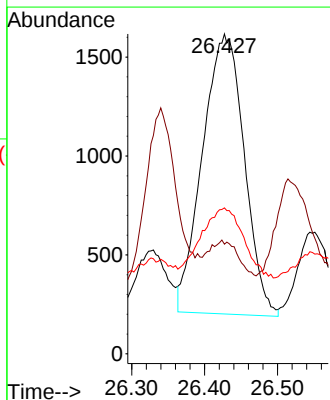
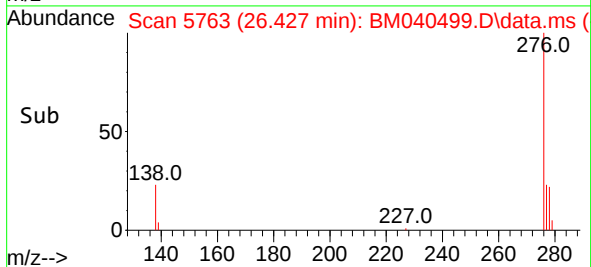
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Supervised By : Sohil Jodhani 07/02/2023

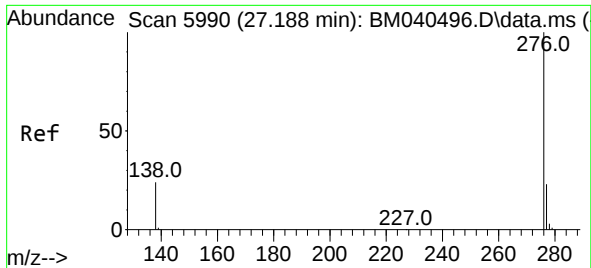


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25



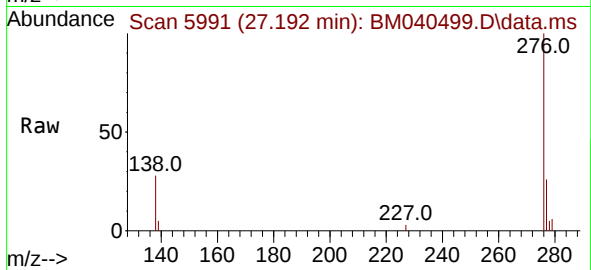
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Ion Ratio Lower Upper
278 100
139 34.3 17.9 26.9#
279 45.6 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040499.D
Acq: 01 Jul 2023 12:25

Instrument :
BNA_M
ClientSampleId :
DCFW2DL



Tgt Ion:276 Resp: 22830
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.6
277 26.1 20.3 30.5

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