

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043045.D
 Acq On : 27 Nov 2023 11:22
 Operator : MA/JU
 Sample : 05261-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 27 11:58:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	728m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.605	136	2444	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1533m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	3367	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.400	240	2441	0.400	ng/ul	-0.02
23) Perylene-d12	23.768	264	2764	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	602	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	960	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	3022	0.340	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	24095	3.627	ng/ul#	83
10) Acenaphthylene	14.177	152	46459	5.938	ng/ul#	90
11) Acenaphthene	14.510	153	73853	12.459	ng/ul	95
12) Fluorene	15.509	166	13559	2.228	ng/ul#	98
15) Phenanthrene	17.246	178	136488	14.206	ng/ul#	92
16) Anthracene	17.338	178	112629	12.372	ng/ul#	87
19) Fluoranthene	19.270	202	82991	5.997	ng/ul#	90
20) Pyrene	19.638	202	102217	6.946	ng/ul#	91
21) Benzo(a)anthracene	21.386	228	32794	4.140	ng/ul	93
22) Chrysene	21.438	228	67041	4.545	ng/ul	95
24) Benzo(b)fluoranthene	23.022	252	78903m	8.459	ng/ul	
25) Benzo(k)fluoranthene	23.075	252	61792	4.810	ng/ul#	80
26) Benzo(a)pyrene	23.660	252	8985	0.883	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.192	276	74046	5.375	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	58595	5.498	ng/ul#	73
29) Benzo(g,h,i)perylene	26.960	276	54078	4.035	ng/ul#	88

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

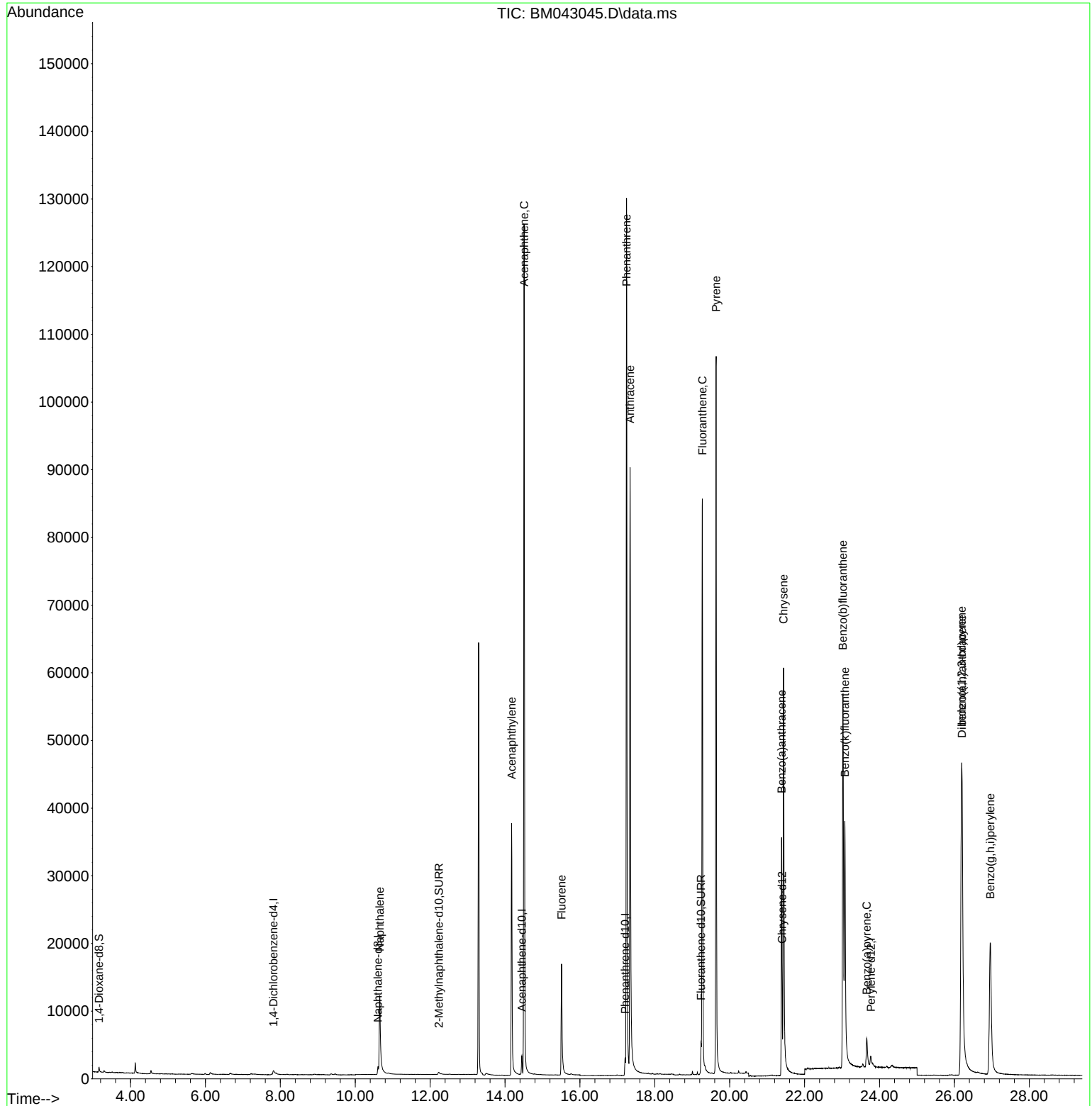
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043045.D
Acq On : 27 Nov 2023 11:22
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ALS Vial : 4 Sample Multiplier: 1

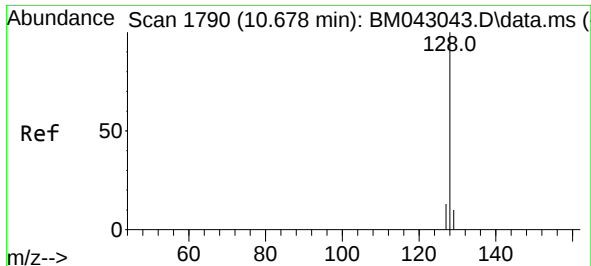
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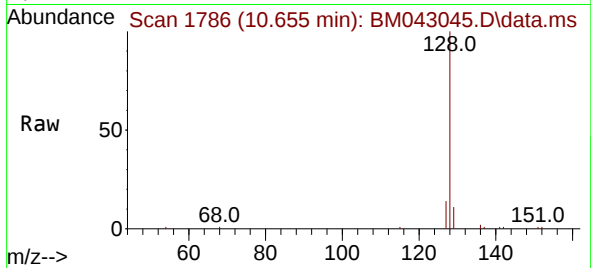
Quant Time: Nov 27 11:58:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.627 ng/u1
RT: 10.655 min Scan# 1786
Delta R.T. -0.044 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

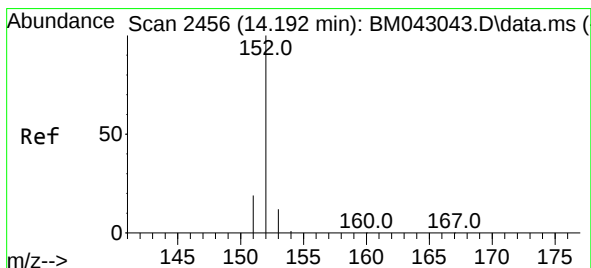
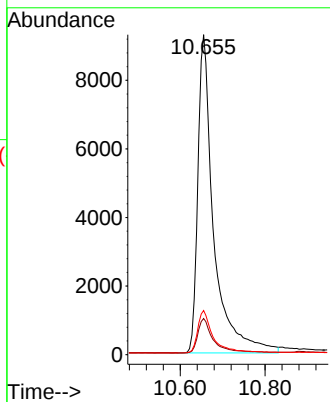
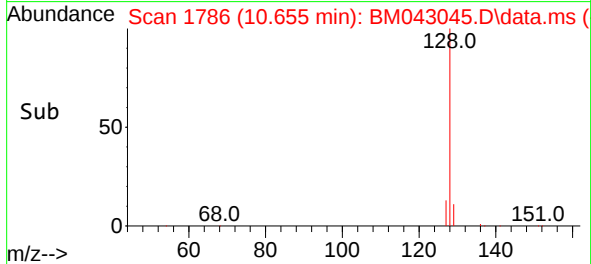
Instrument :
BNA_M
ClientSampleId :
DCKV2



Tgt Ion:128 Resp: 2409
Ion Ratio Lower Upper
128 100
129 11.3 16.0 24.0
127 13.8 16.5 24.7

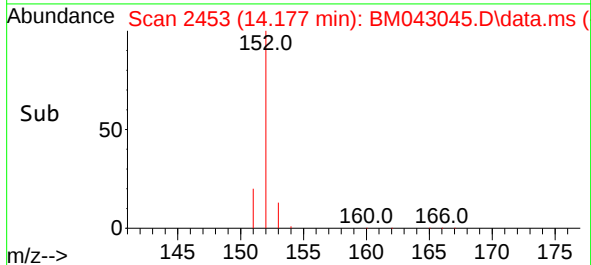
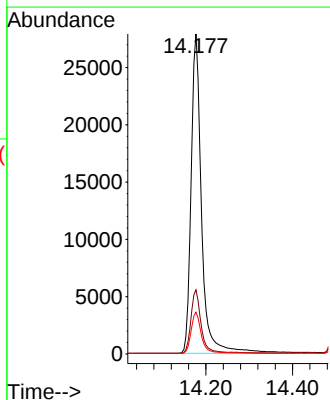
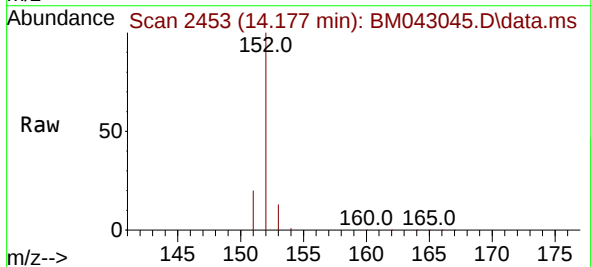
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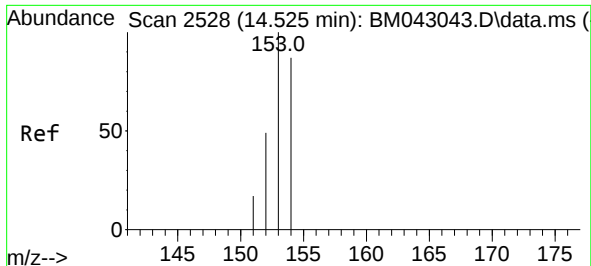
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 5.938 ng/u1
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

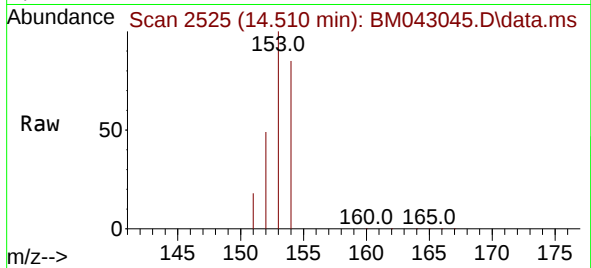
Tgt Ion:152 Resp: 46459
Ion Ratio Lower Upper
152 100
151 20.1 19.4 29.0
153 13.1 14.6 21.8





#11
Acenaphthene
Concen: 12.459 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

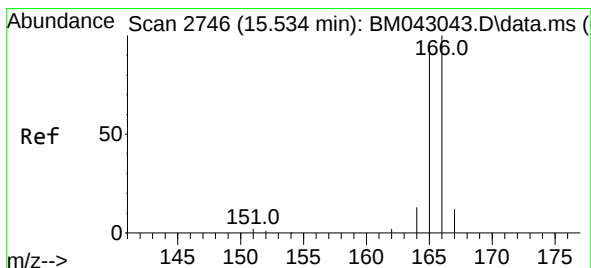
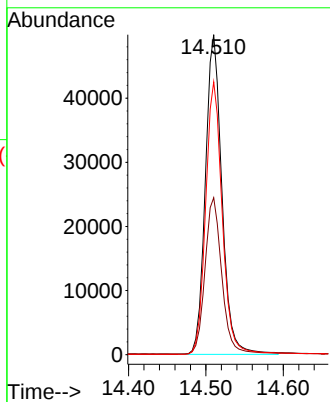
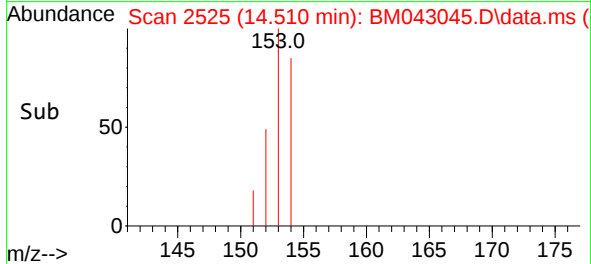
Instrument :
BNA_M
ClientSampleId :
DCKV2



Tgt Ion:153 Resp: 7385
Ion Ratio Lower Upper
153 100
152 49.0 43.9 65.9
154 85.3 70.6 105.8

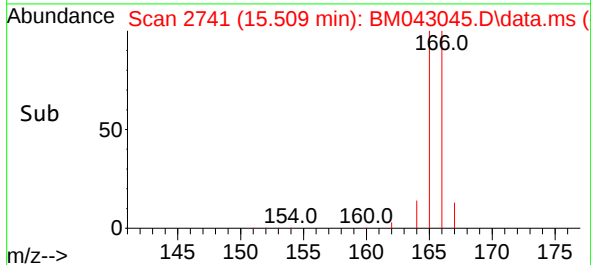
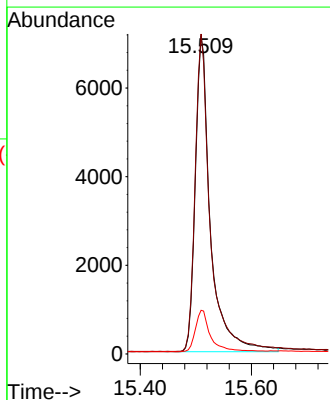
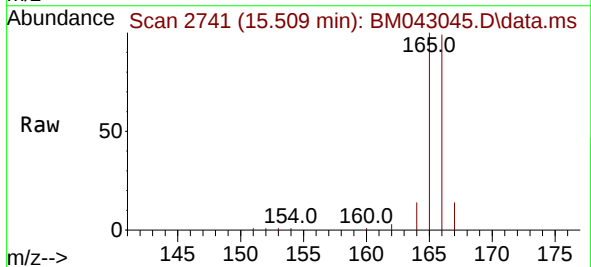
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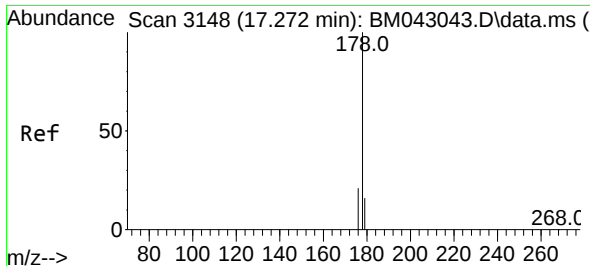
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#12
Fluorene
Concen: 2.228 ng/ul
RT: 15.509 min Scan# 2741
Delta R.T. -0.028 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

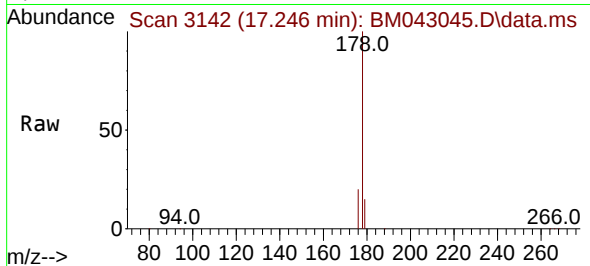
Tgt Ion:166 Resp: 13559
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 13.7 14.2 21.4#





#15
Phenanthrene
Concen: 14.206 ng/ul
RT: 17.246 min Scan# 3142
Delta R.T. -0.034 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

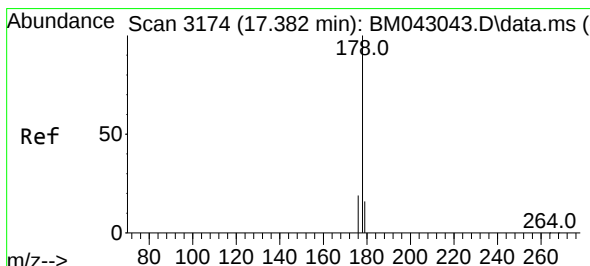
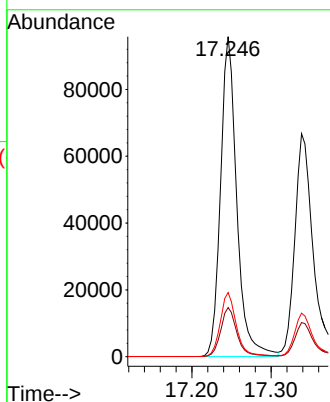
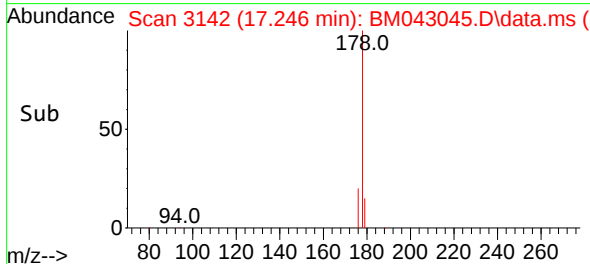
Instrument :
BNA_M
ClientSampleId :
DCKV2



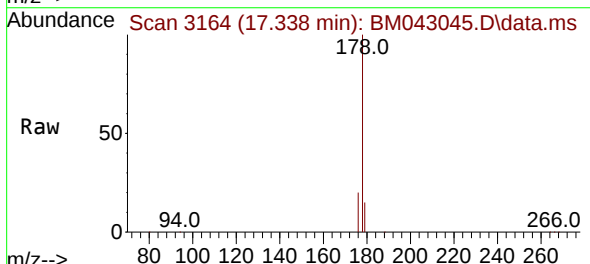
Tgt Ion:178 Resp: 136488
Ion Ratio Lower Upper
178 100
179 15.3 15.7 23.5#
176 20.0 18.9 28.3#

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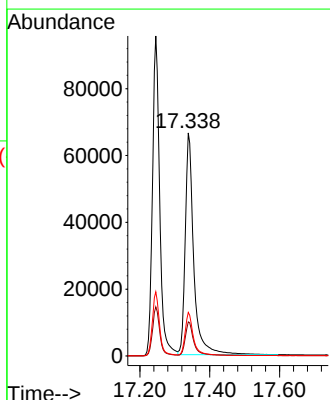
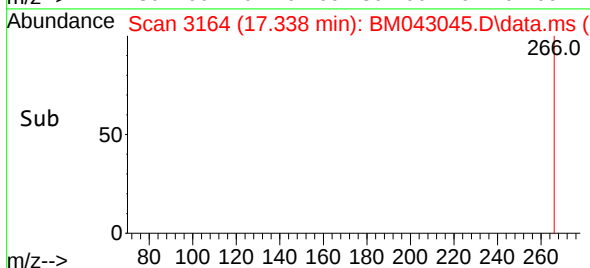
Reviewed By :Yogesh Patel 11/28/2023
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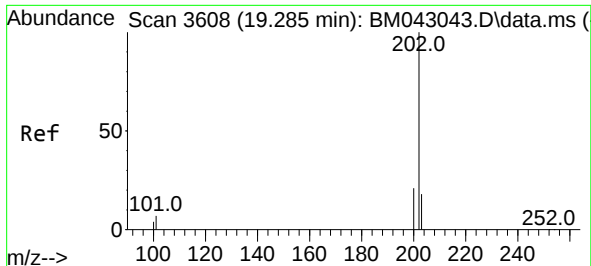


#16
Anthracene
Concen: 12.372 ng/ul
RT: 17.338 min Scan# 3164
Delta R.T. -0.055 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22



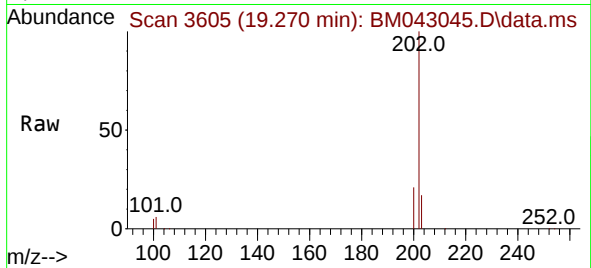
Tgt Ion:178 Resp: 112629
Ion Ratio Lower Upper
178 100
179 15.3 17.3 25.9#
176 19.5 20.5 30.7#





#19
Fluoranthene
Concen: 5.997 ng/u1
RT: 19.270 min Scan# 3605
Delta R.T. -0.023 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

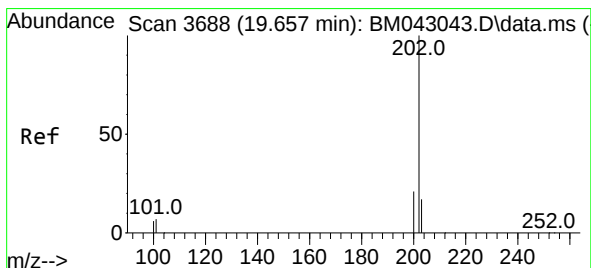
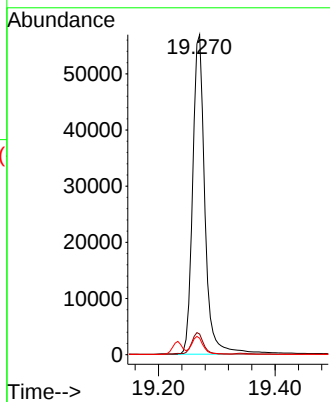
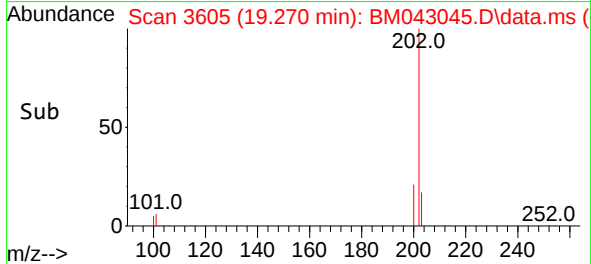
Instrument :
BNA_M
ClientSampleId :
DCKV2



Tgt Ion:202 Resp: 8299
Ion Ratio Lower Upper
202 100
101 6.5 7.8 11.8
100 5.1 7.1 10.7

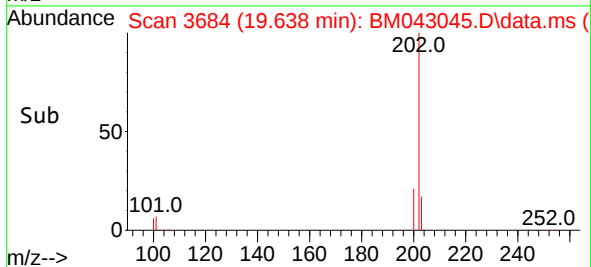
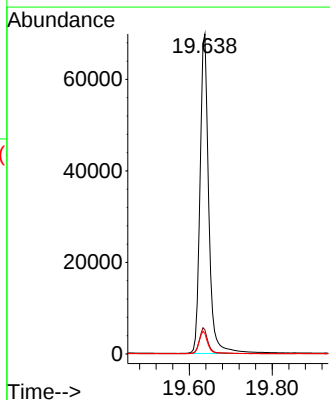
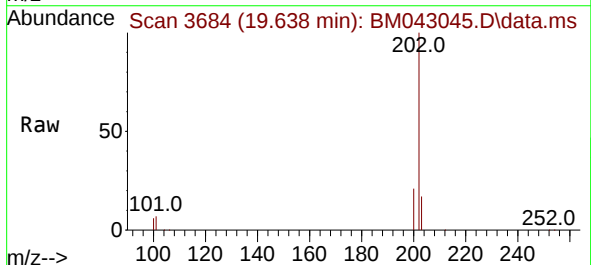
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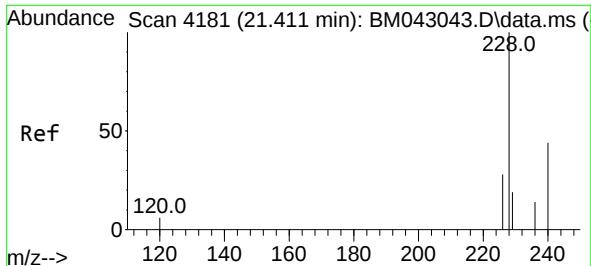
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#20
Pyrene
Concen: 6.946 ng/u1
RT: 19.638 min Scan# 3684
Delta R.T. -0.023 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

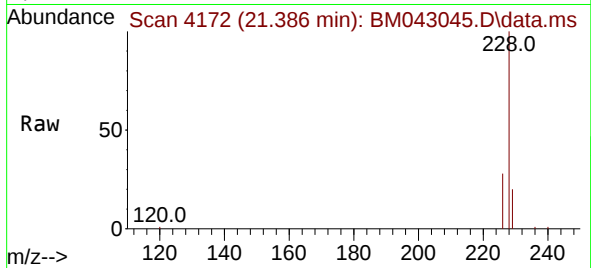
Tgt Ion:202 Resp: 102217
Ion Ratio Lower Upper
202 100
101 7.5 8.7 13.1#
100 6.4 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 4.140 ng/ul
RT: 21.386 min Scan# 4181
Delta R.T. -0.026 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

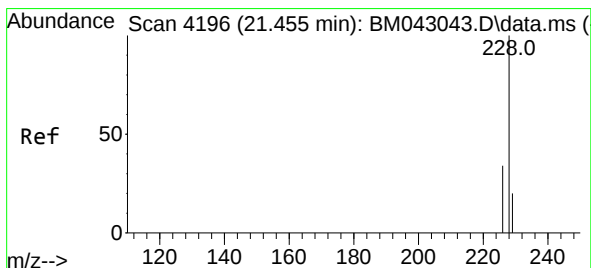
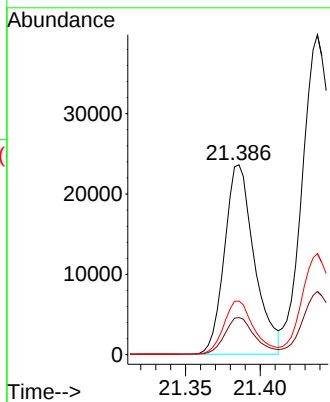
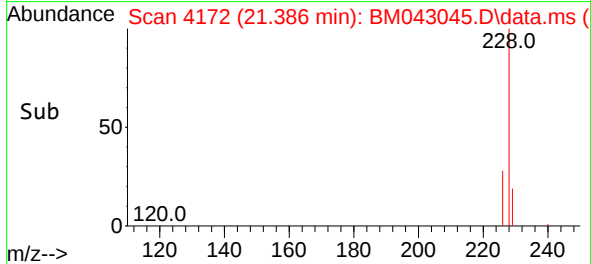
Instrument :
BNA_M
ClientSampleId :
DCKV2



Tgt Ion:228 Resp: 32794
Ion Ratio Lower Upper
228 100
229 19.5 19.4 29.0
226 28.2 24.9 37.3

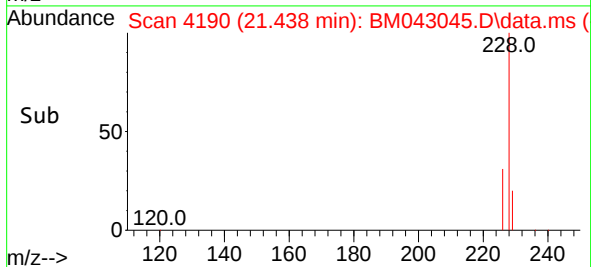
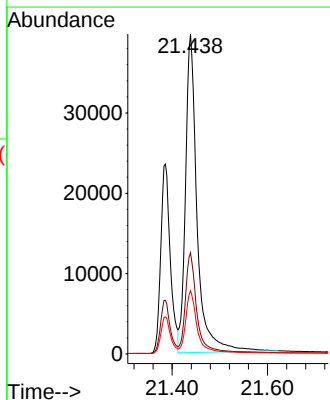
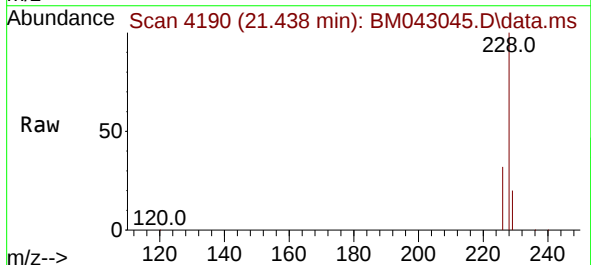
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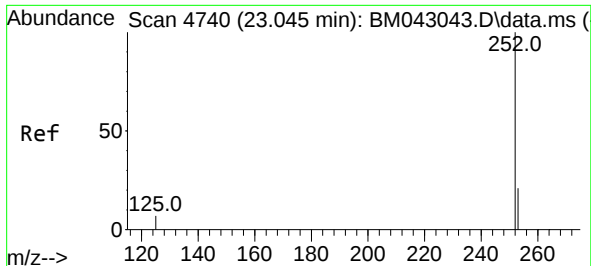
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 4.545 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

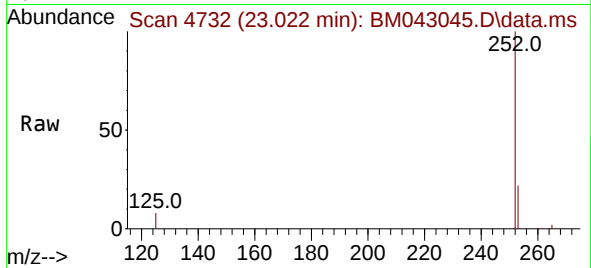
Tgt Ion:228 Resp: 67041
Ion Ratio Lower Upper
228 100
226 31.6 27.2 40.8
229 19.8 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 8.459 ng/ul m
RT: 23.022 min Scan# 4732
Delta R.T. -0.029 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

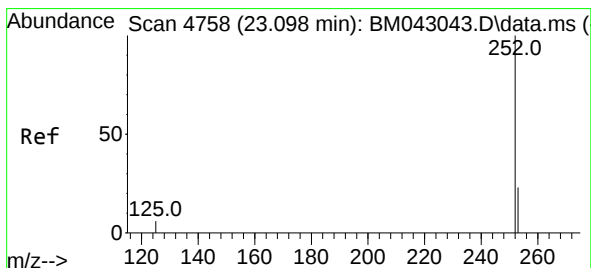
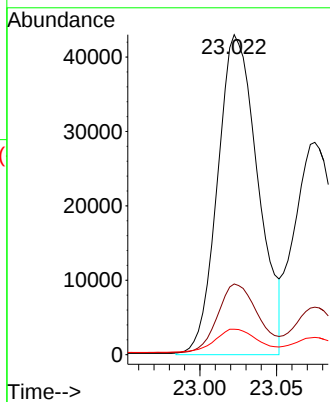
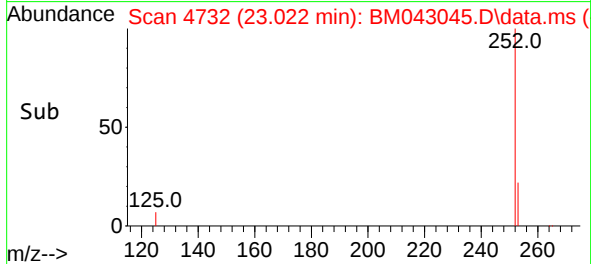
Instrument :
BNA_M
ClientSampleId :
DCKV2



Tgt Ion:252 Resp: 7890
Ion Ratio Lower Upper
252 100
253 22.1 0.0 71.8
125 8.0 0.0 29.0

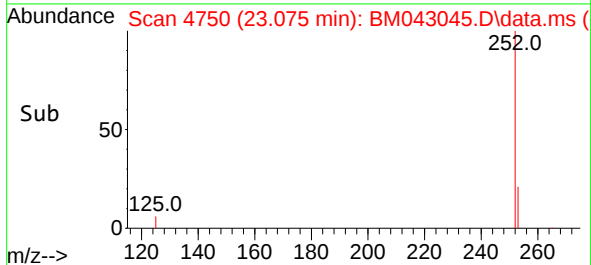
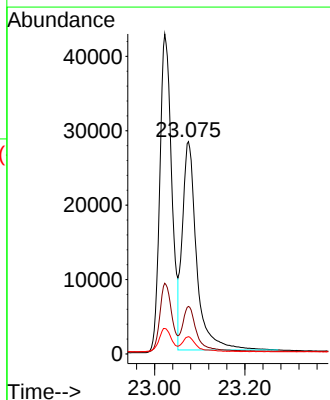
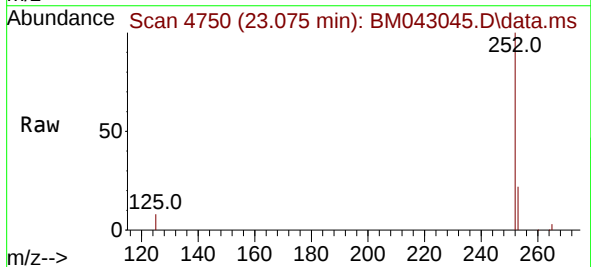
Manual Integrations
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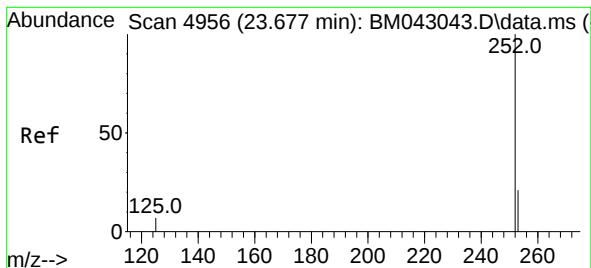
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#25
Benzo(k)fluoranthene
Concen: 4.810 ng/ul
RT: 23.075 min Scan# 4750
Delta R.T. -0.023 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

Tgt Ion:252 Resp: 61792
Ion Ratio Lower Upper
252 100
253 22.4 28.2 42.2#
125 8.1 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.883 ng/ul

RT: 23.660 min Scan# 4956

Delta R.T. -0.026 min

Lab File: BM043045.D

Acq: 27 Nov 2023 11:22

Instrument :

BNA_M

ClientSampleId :

DCKV2

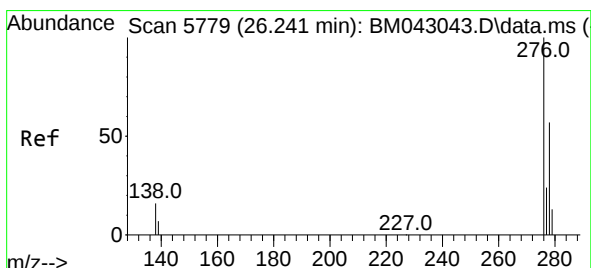
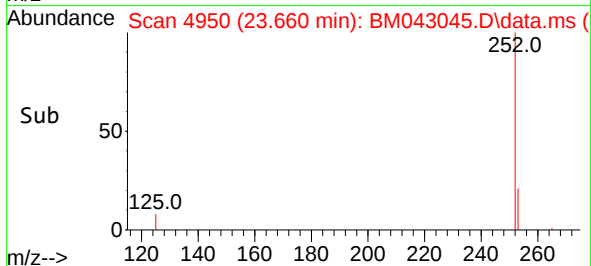
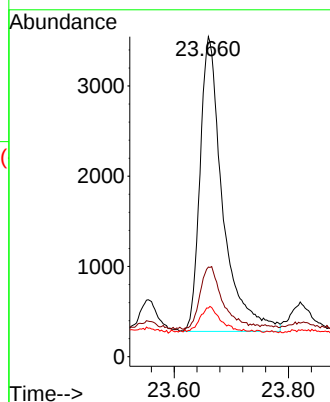
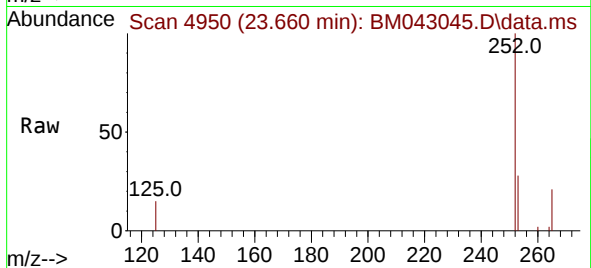
Tgt Ion:	252	Resp:	898
Ion Ratio	Lower	Upper	
252	100		
253	28.0	36.6	55.0
125	15.2	16.2	24.4

Manual Integrations

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Supervised By :mohammad ahmed 11/29/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.375 ng/ul

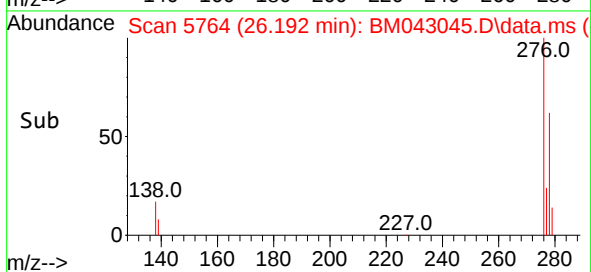
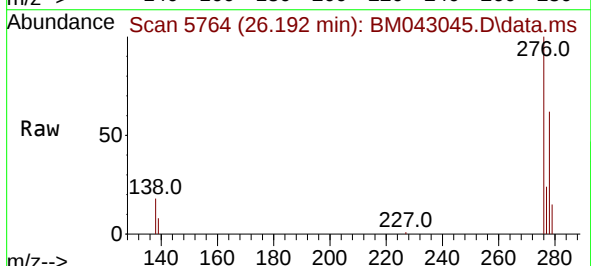
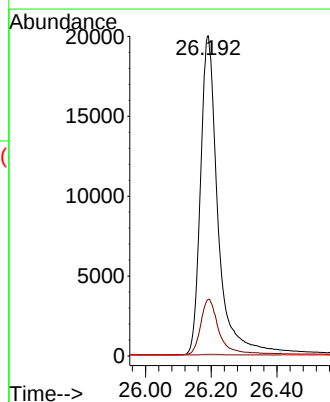
RT: 26.192 min Scan# 5764

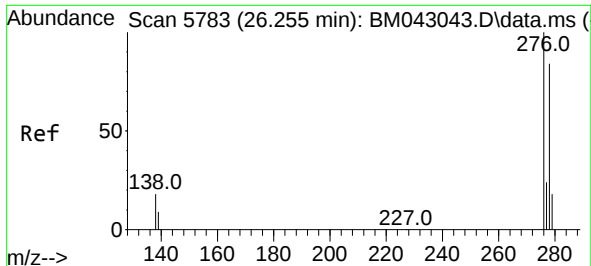
Delta R.T. -0.047 min

Lab File: BM043045.D

Acq: 27 Nov 2023 11:22

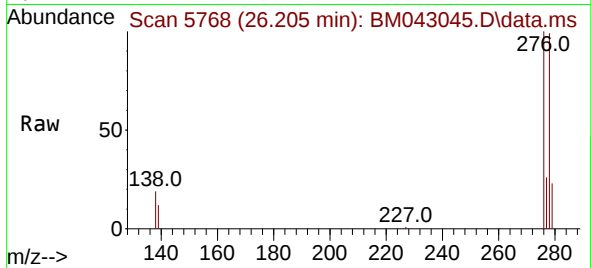
Tgt Ion:	276	Resp:	74046
Ion Ratio	Lower	Upper	
276	100		
138	18.4	0.0	0.0
227	0.2	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 5.498 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. -0.070 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22

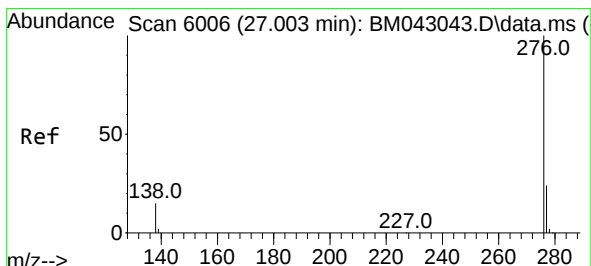
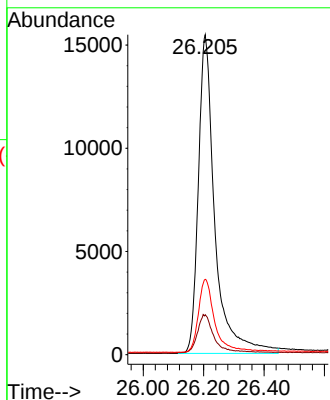
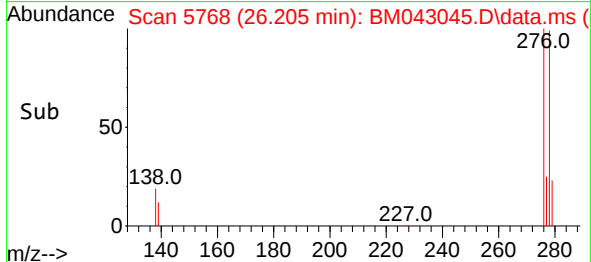
Instrument :
BNA_M
ClientSampleId :
DCKV2



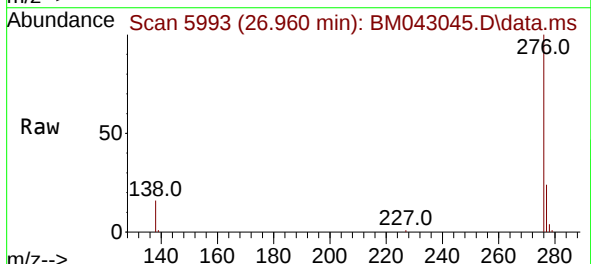
Tgt Ion:278 Resp: 5859
Ion Ratio Lower Upper
278 100
139 12.5 18.1 27.1
279 23.6 34.4 51.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#29
Benzo(g,h,i)perylene
Concen: 4.035 ng/ul
RT: 26.960 min Scan# 5993
Delta R.T. -0.050 min
Lab File: BM043045.D
Acq: 27 Nov 2023 11:22



Tgt Ion:276 Resp: 54078
Ion Ratio Lower Upper
276 100
138 16.4 17.8 26.8#
277 23.7 23.8 35.8#

