

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043056.D
 Acq On : 27 Nov 2023 19:24
 Operator : MA/JU
 Sample : 05261-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 00:52:52 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	651m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.622	136	1869	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.459	164	1030m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2045	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	1594	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	1712m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	743	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	145	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	297	0.051	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.186	152	117	0.022	ng/ul#	17
11) Acenaphthene	14.524	153	115	0.029	ng/ul#	87
12) Fluorene	15.519	166	103	0.025	ng/ul#	86
15) Phenanthrene	17.254	178	2901	0.497	ng/ul	97
16) Anthracene	17.351	178	418m	0.076	ng/ul	
19) Fluoranthene	19.270	202	5378	0.595	ng/ul#	95
20) Pyrene	19.637	202	5112	0.532	ng/ul	96
21) Benzo(a)anthracene	21.386	228	2006	0.388	ng/ul	99
22) Chrysene	21.438	228	2342	0.243	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	2991	0.518	ng/ul	96
25) Benzo(k)fluoranthene	23.075	252	1473m	0.185	ng/ul	
26) Benzo(a)pyrene	23.645	252	1828	0.290	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.215	276	1925	0.226	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.222	278	427	0.065	ng/ul#	31
29) Benzo(g,h,i)perylene	26.983	276	2046	0.246	ng/ul	96

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

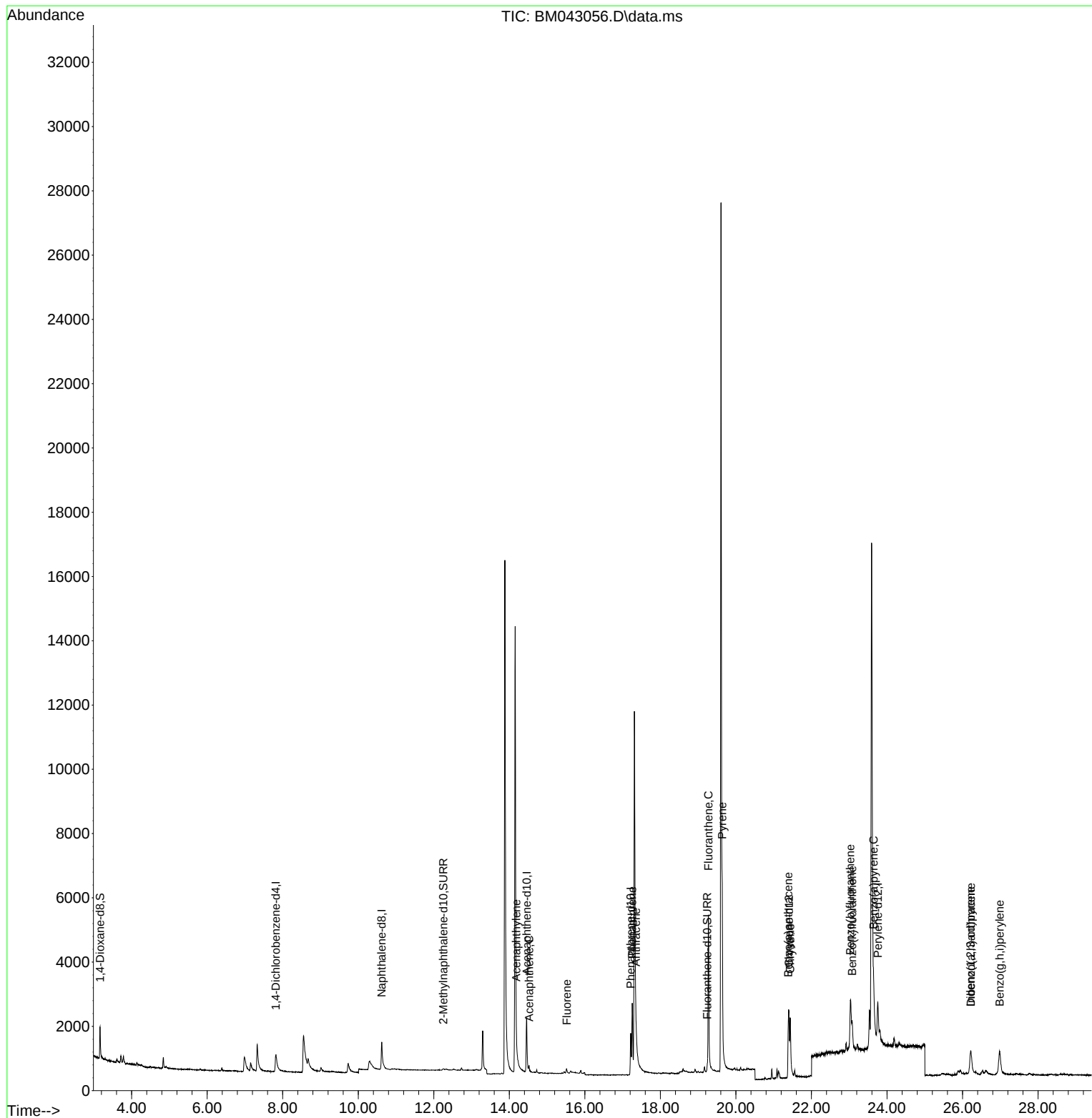
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043056.D
Acq On : 27 Nov 2023 19:24
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Sample : 05261-07DL 5X
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ALS Vial : 14 Sample Multiplier: 1

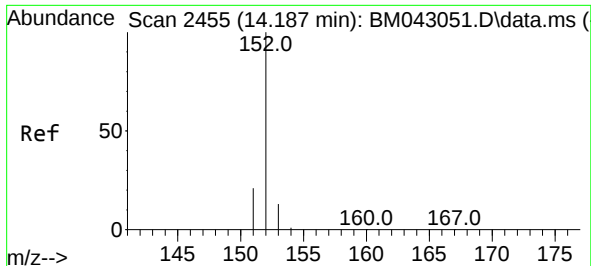
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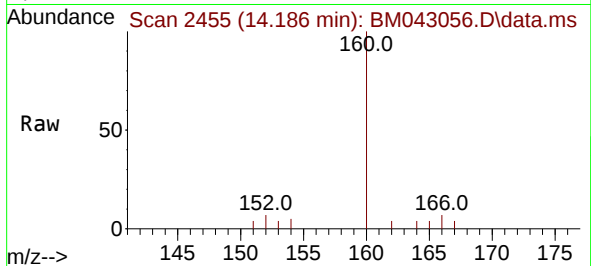
Quant Time: Nov 28 00:52:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 14.186 min Scan# 2455
Delta R.T. -0.018 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

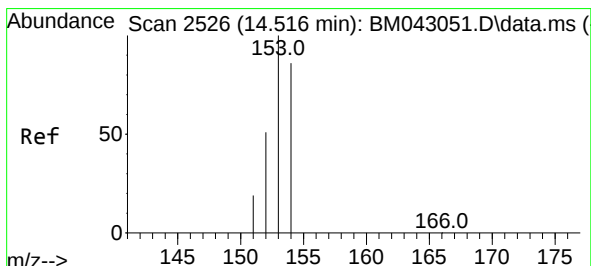
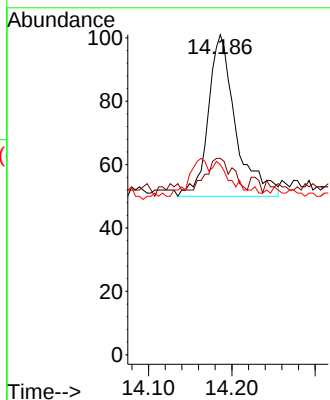
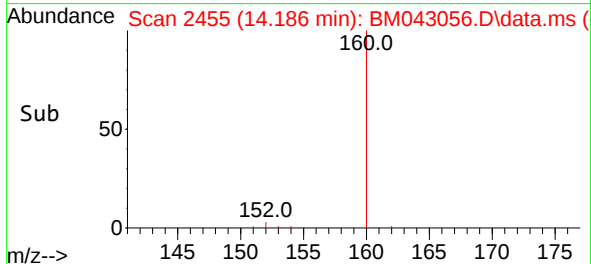
Instrument :
BNA_M
ClientSampleId :
DCKQ6DL



Tgt Ion:152 Resp: 117
Ion Ratio Lower Upper
152 100
151 61.4 19.4 29.0
153 59.4 14.6 21.8

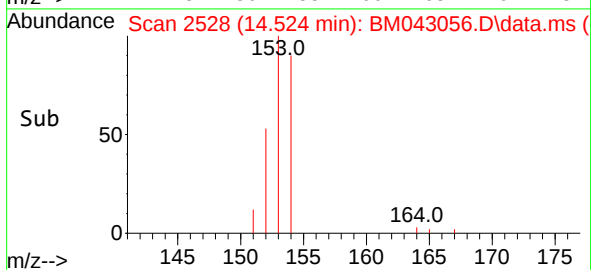
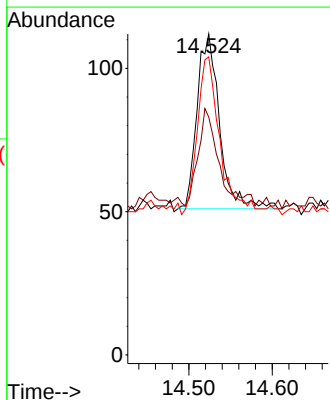
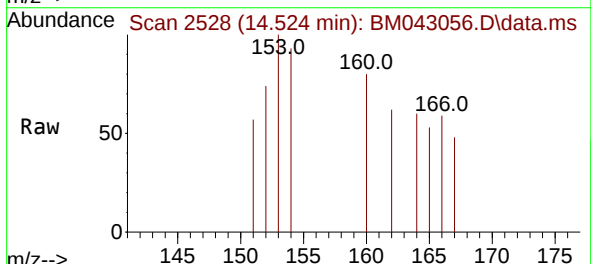
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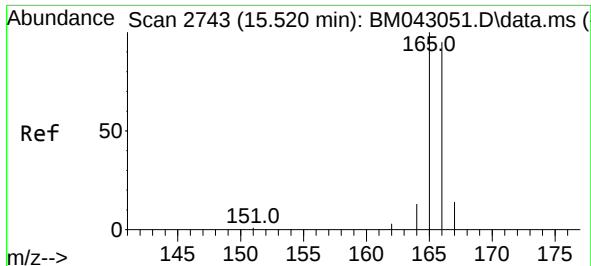
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.524 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

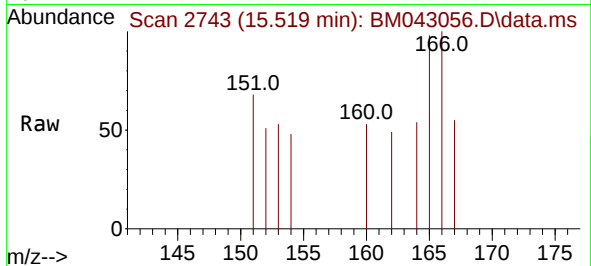
Tgt Ion:153 Resp: 115
Ion Ratio Lower Upper
153 100
152 74.1 43.9 65.9
154 92.9 70.6 105.8





#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.519 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

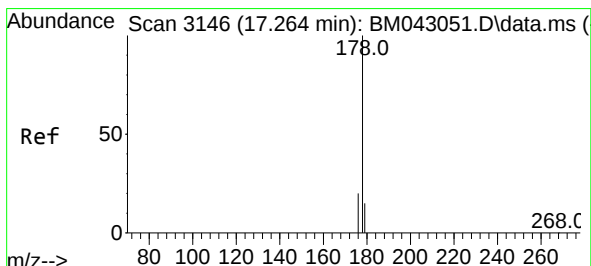
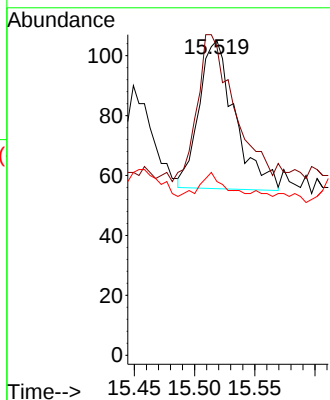
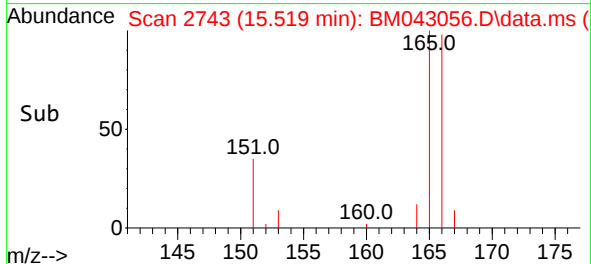
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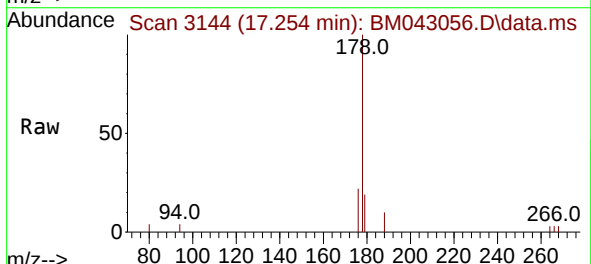
Tgt Ion:166 Resp: 100
Ion Ratio Lower Upper
166 100
165 98.1 79.9 119.9
167 55.2 14.2 21.4

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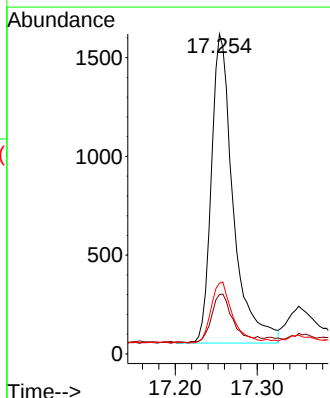
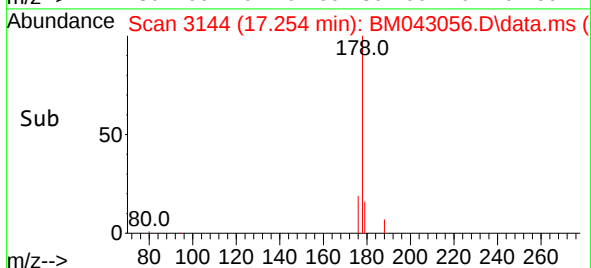
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Supervised By :mohammad ahmed 11/29/2023

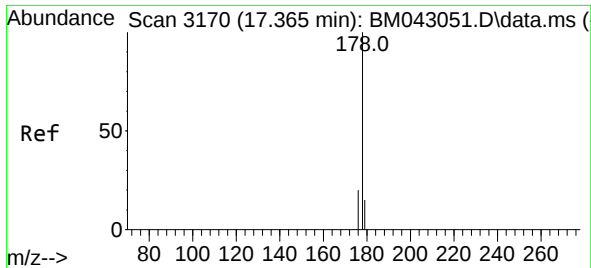


#15
Phenanthrene
Concen: 0.497 ng/u1
RT: 17.254 min Scan# 3144
Delta R.T. -0.025 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24



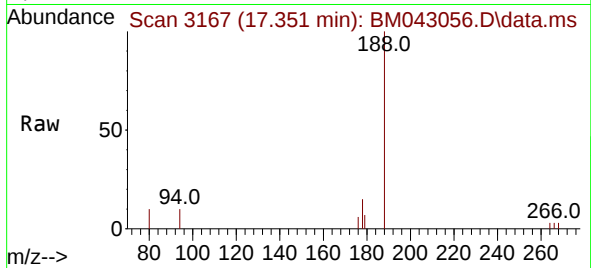
Tgt Ion:178 Resp: 2901
Ion Ratio Lower Upper
178 100
179 18.6 15.7 23.5
176 22.1 18.9 28.3





#16
 Anthracene
 Concen: 0.076 ng/ul m
 RT: 17.351 min Scan# 3170
 Delta R.T. -0.042 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

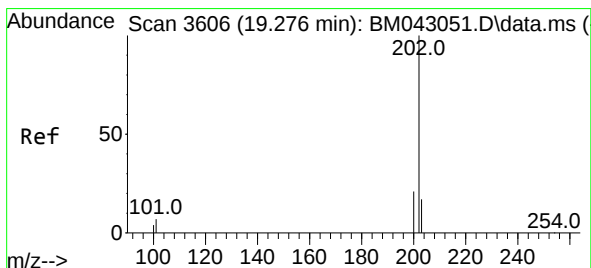
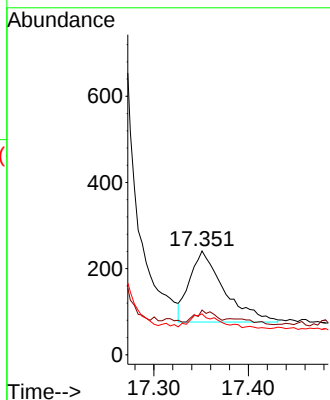
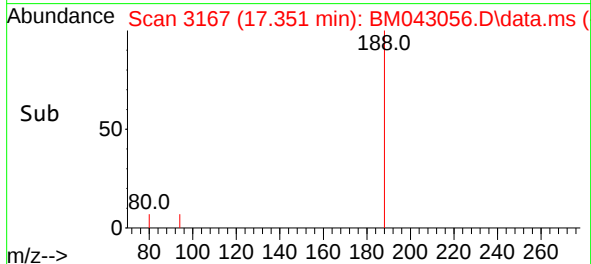
Instrument :
 BNA_M
 ClientSampleId :
 DCKQ6DL



Tgt Ion:178 Resp: 418
 Ion Ratio Lower Upper
 178 100
 179 43.2 17.3 25.9
 176 39.4 20.5 30.7

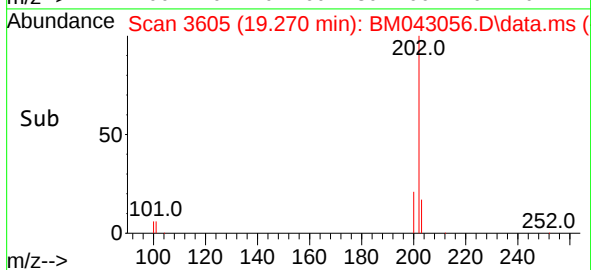
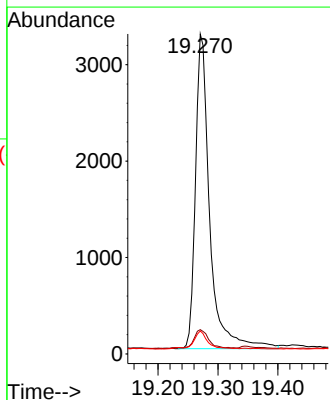
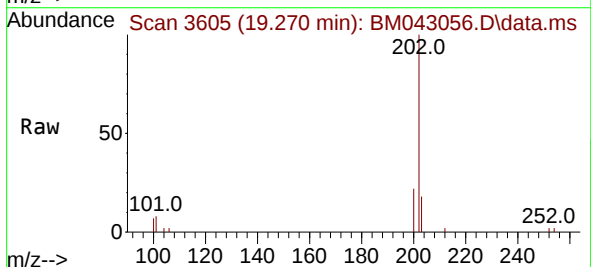
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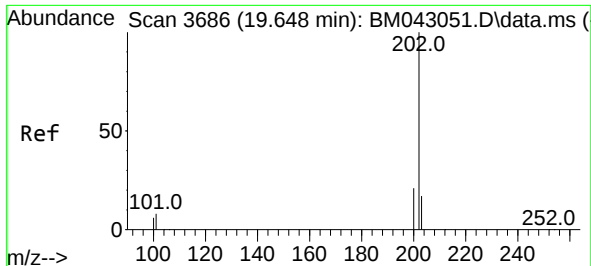
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023



#19
 Fluoranthene
 Concen: 0.595 ng/ul
 RT: 19.270 min Scan# 3605
 Delta R.T. -0.023 min
 Lab File: BM043056.D
 Acq: 27 Nov 2023 19:24

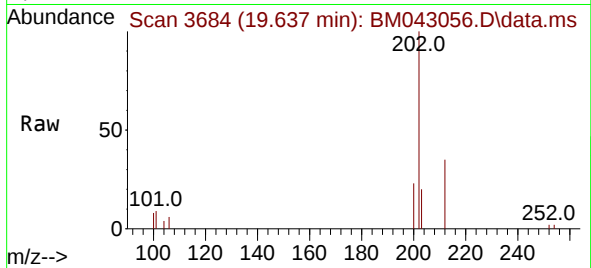
Tgt Ion:202 Resp: 5378
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.8 11.8
 100 7.2 7.1 10.7





#20
Pyrene
Concen: 0.532 ng/u1
RT: 19.637 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

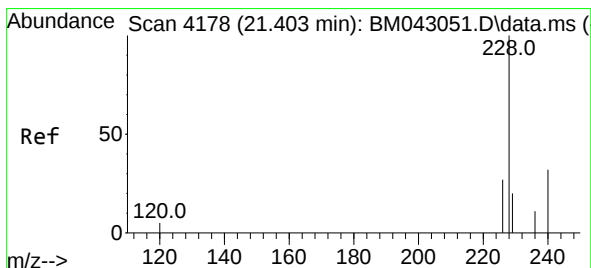
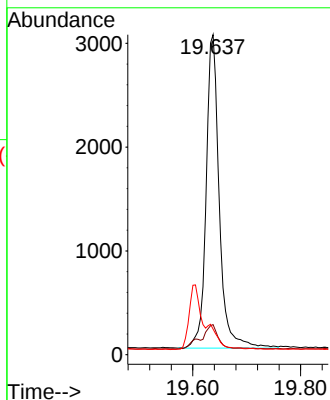
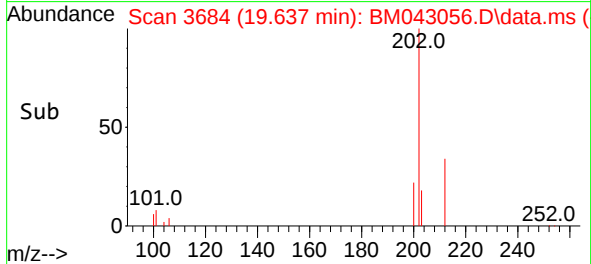
Instrument :
BNA_M
ClientSampleId :
DCKQ6DL



Tgt Ion:202 Resp: 511
Ion Ratio Lower Upper
202 100
101 9.4 8.7 13.1
100 8.0 7.8 11.8

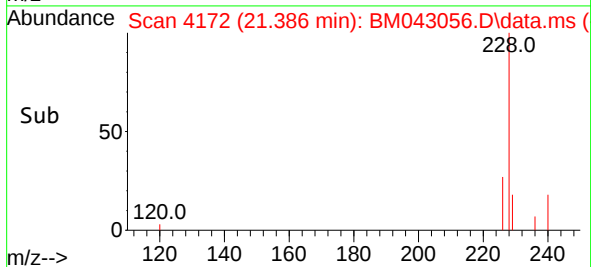
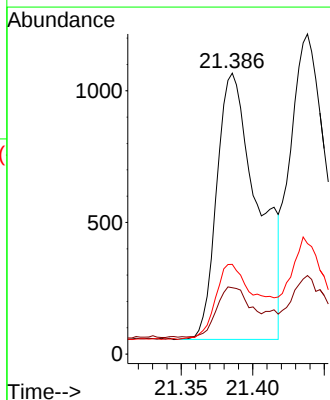
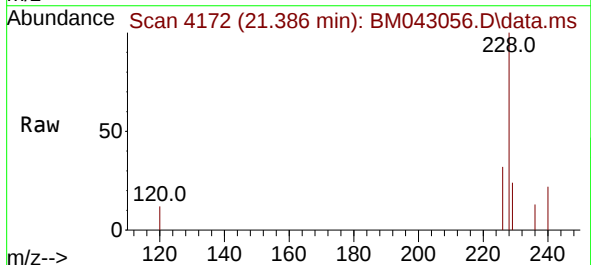
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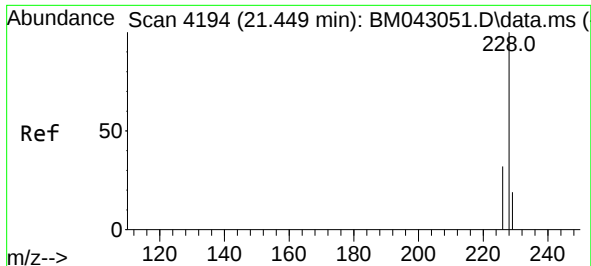
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#21
Benzo(a)anthracene
Concen: 0.388 ng/u1
RT: 21.386 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

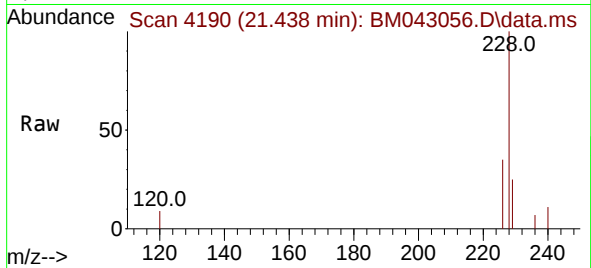
Tgt Ion:228 Resp: 2006
Ion Ratio Lower Upper
228 100
229 23.6 19.4 29.0
226 32.0 24.9 37.3





#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

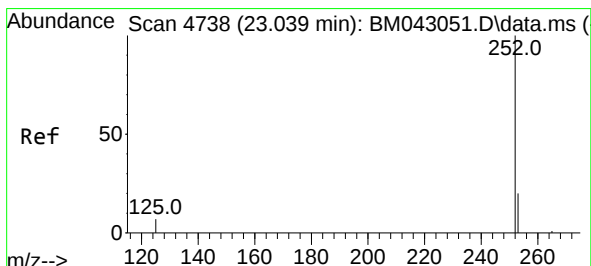
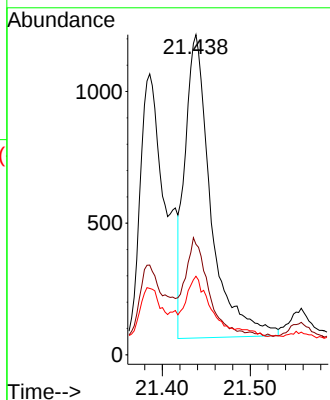
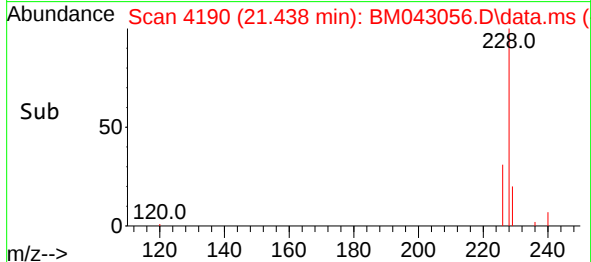
Instrument :
BNA_M
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DCKQ6DL



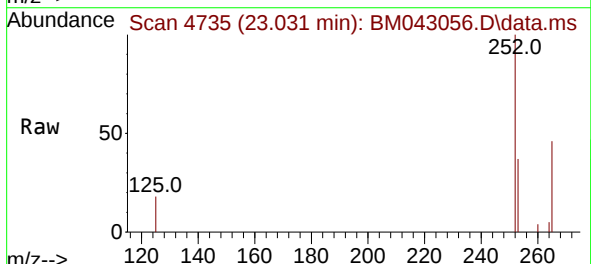
Tgt Ion:228 Resp: 2342
Ion Ratio Lower Upper
228 100
226 34.5 27.2 40.8
229 24.5 18.0 27.0

Manual Integrations
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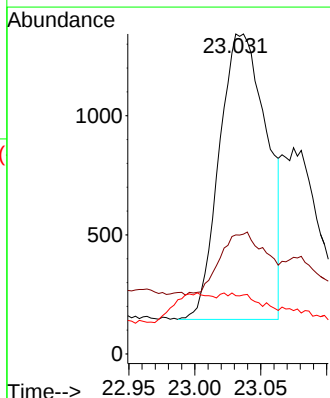
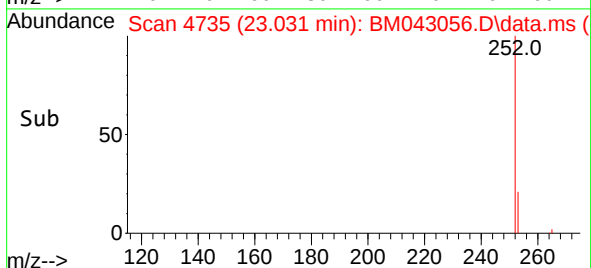
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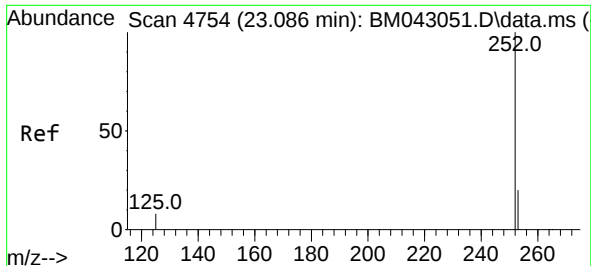


#24
Benzo(b)fluoranthene
Concen: 0.518 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.020 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24



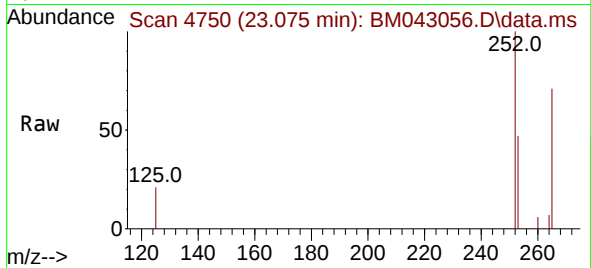
Tgt Ion:252 Resp: 2991
Ion Ratio Lower Upper
252 100
253 37.2 0.0 71.8
125 18.2 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 23.075 min Scan# 4754
Delta R.T. -0.023 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

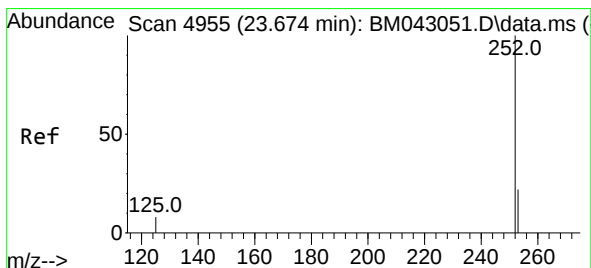
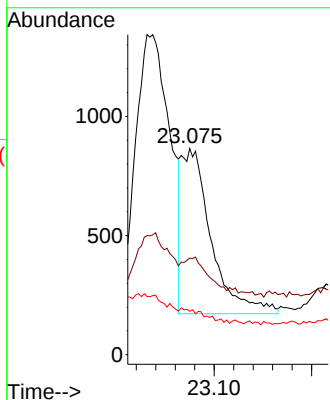
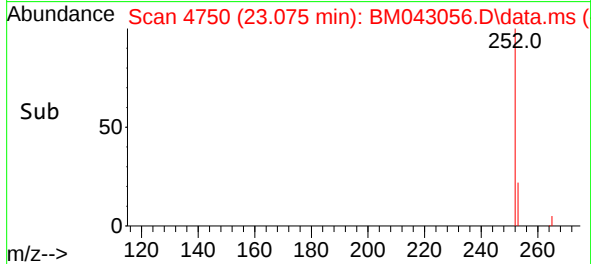
Instrument :
BNA_M
ClientSampleId :
DCKQ6DL



Tgt Ion:252 Resp: 1470
Ion Ratio Lower Upper
252 100
253 46.9 28.2 42.2
125 21.0 11.0 16.6

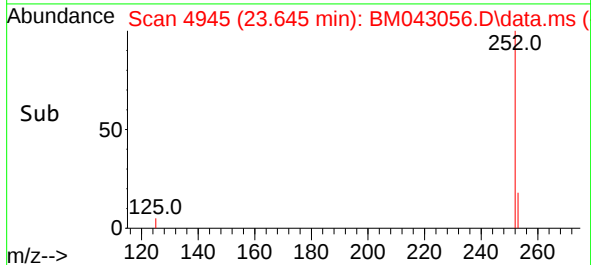
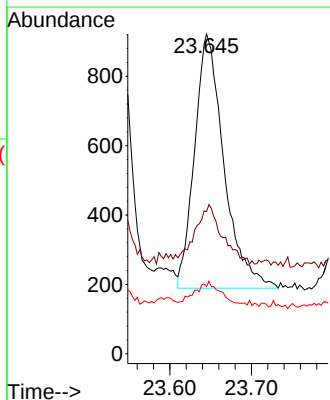
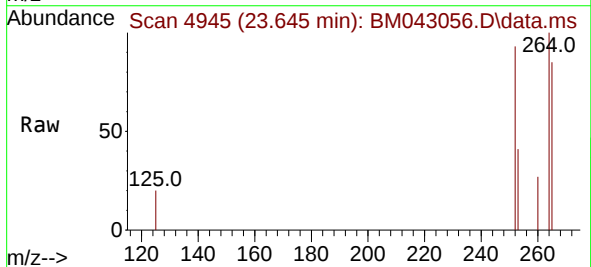
Manual Integrations
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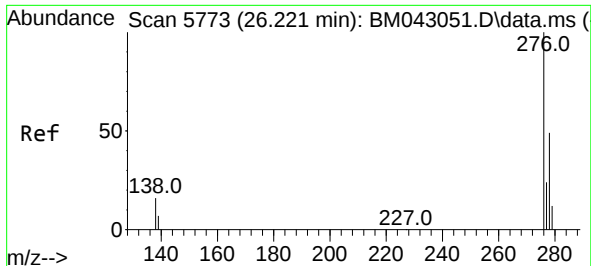
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.645 min Scan# 4945
Delta R.T. -0.041 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

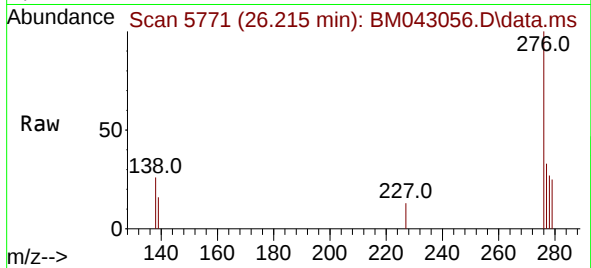
Tgt Ion:252 Resp: 1828
Ion Ratio Lower Upper
252 100
253 44.5 36.6 55.0
125 21.0 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/ul
RT: 26.215 min Scan# 5771
Delta R.T. -0.023 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24

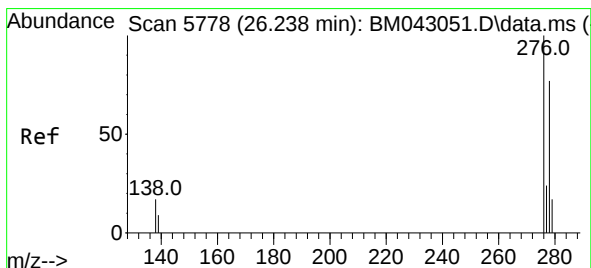
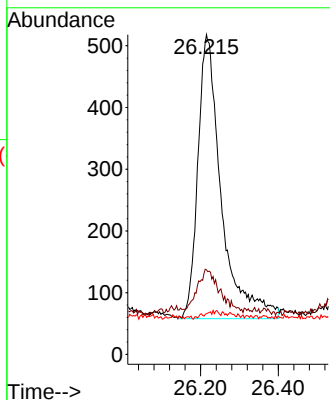
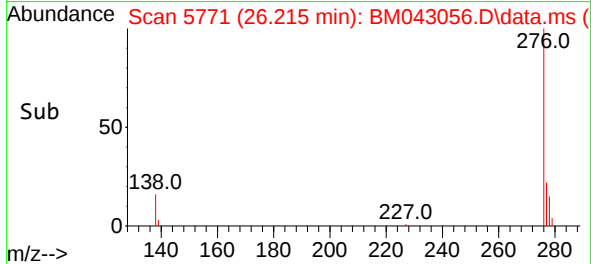
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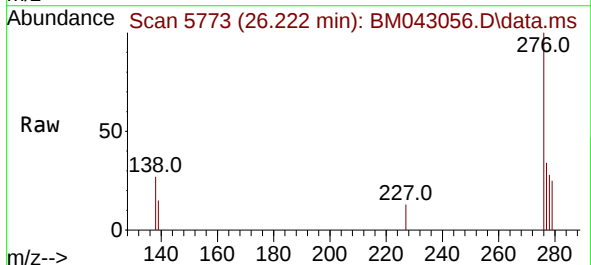
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Ion Ratio Lower Upper
276 100
138 14.5 0.0 0.0#
227 0.3 0.2 0.2#

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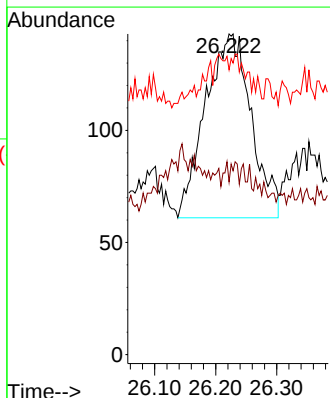
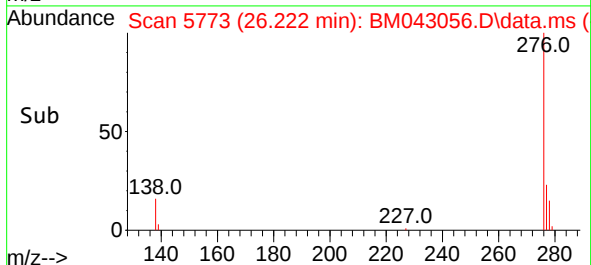
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

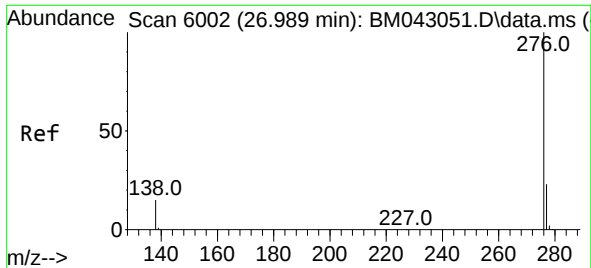


#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.222 min Scan# 5773
Delta R.T. -0.054 min
Lab File: BM043056.D
Acq: 27 Nov 2023 19:24



Tgt Ion:278 Resp: 427
Ion Ratio Lower Upper
278 100
139 53.8 18.1 27.1#
279 88.8 34.4 51.6#





#29

Benzo(g,h,i)perylene

Concen: 0.246 ng/ul

RT: 26.983 min Scan# 6000

Delta R.T. -0.027 min

Lab File: BM043056.D

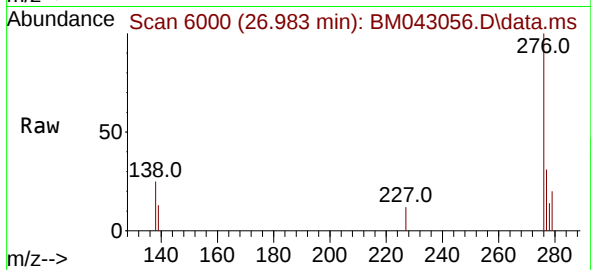
Acq: 27 Nov 2023 19:24

Instrument :

BNA_M

ClientSampleId :

DCKQ6DL



Tgt Ion:276 Resp: 2040

Ion Ratio Lower Upper

276 100

138 25.3 17.8 26.8

277 31.2 23.8 35.8

Manual Integrations

APPROVED

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