

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043123.D
 Acq On : 01 Dec 2023 15:30
 Operator : MA/JU
 Sample : 05497-05DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 00:06:26 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1140	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.600	136	3244	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.445	164	1821m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	3643	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.400	240	2542	0.400	ng/ul	# 0.00
23) Perylene-d12	23.747	264	3234m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	1200	0.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	364	0.084	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	827	0.089	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	1842	0.209	ng/ul	96
7) 2-Methylnaphthalene	12.277	142	1884	0.362	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	2326	0.401	ng/ul	100
11) Acenaphthene	14.515	153	144	0.020	ng/ul#	78
12) Fluorene	15.495	166	182	0.025	ng/ul#	69
15) Phenanthrene	17.241	178	9636	0.927	ng/ul	94
19) Fluoranthene	19.266	202	1244	0.086	ng/ul#	86
20) Pyrene	19.628	202	1349	0.088	ng/ul#	85
21) Benzo(a)anthracene	21.386	228	475	0.058	ng/ul#	71
22) Chrysene	21.438	228	2078m	0.135	ng/ul	
24) Benzo(b)fluoranthene	23.022	252	939	0.086	ng/ul#	51
26) Benzo(a)pyrene	23.636	252	315	0.026	ng/ul#	17
29) Benzo(g,h,i)perylene	26.963	276	502	0.032	ng/ul#	53

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

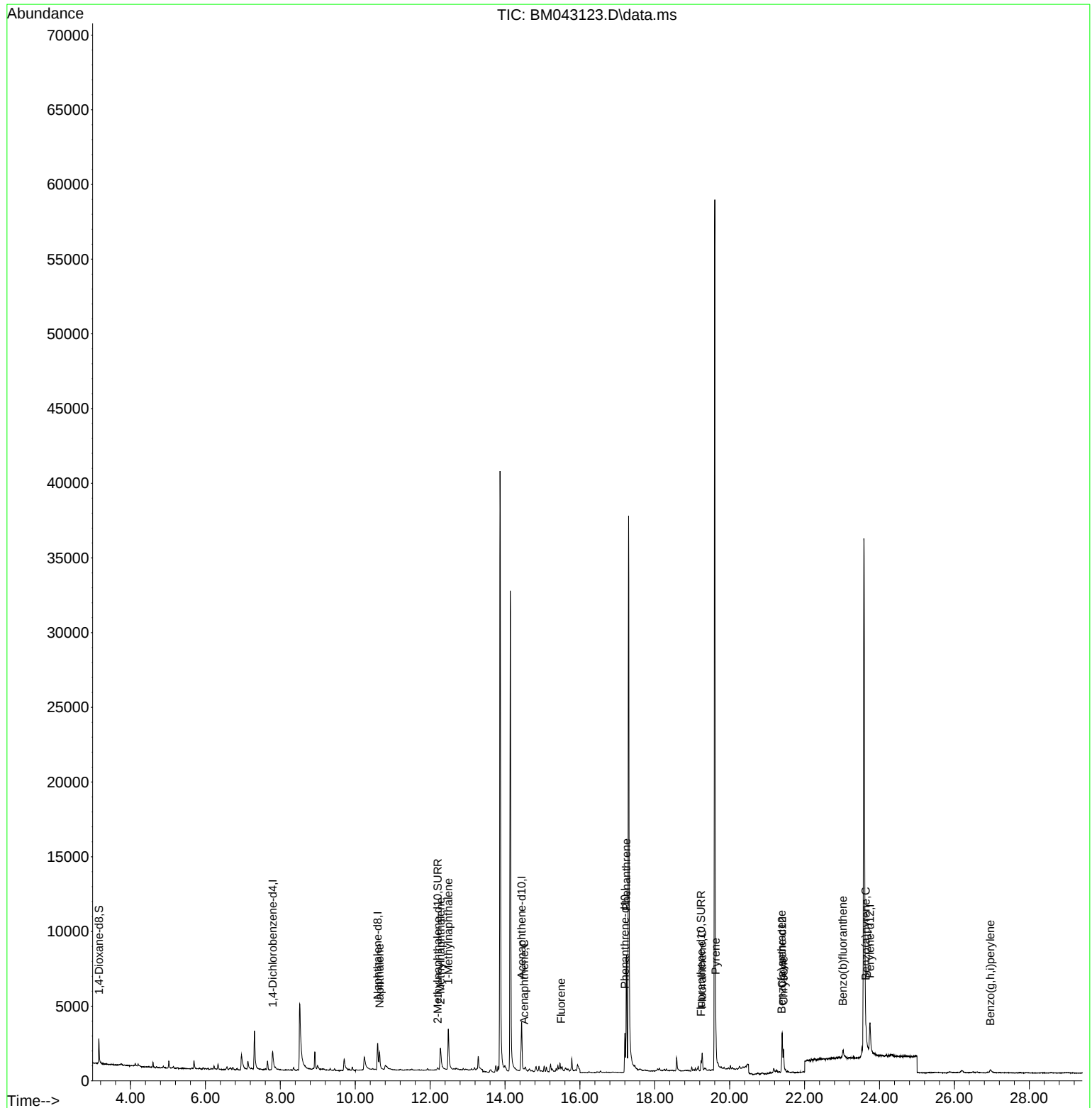
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043123.D
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ALS Vial : 40 Sample Multiplier: 1

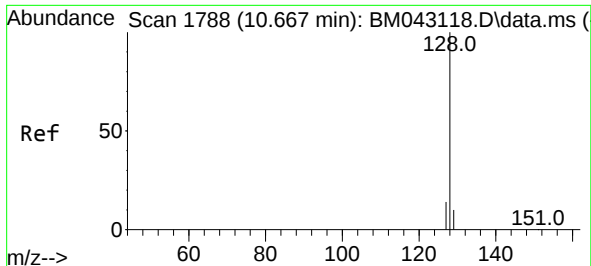
Instrument :
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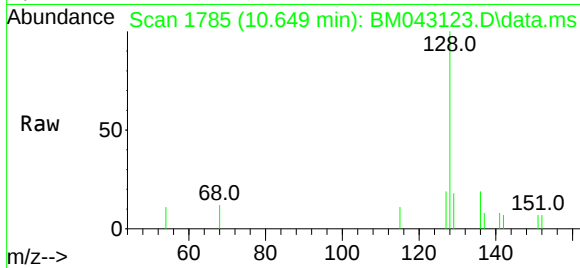
Quant Time: Dec 02 00:06:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
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#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.649 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

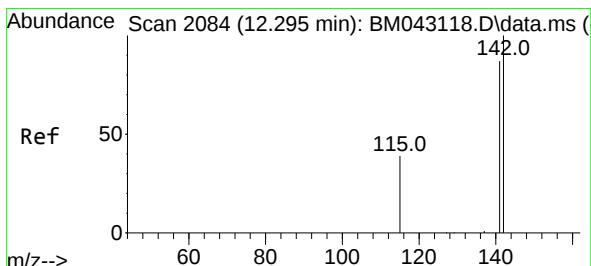
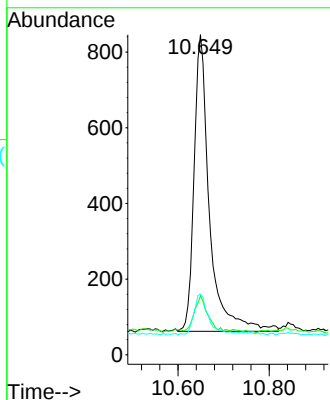
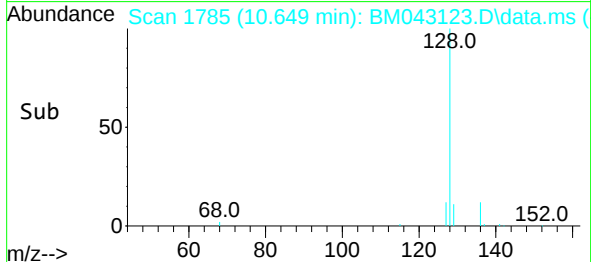
Instrument :
BNA_M
ClientSampleId :
C0AC2DL



Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
129 18.4 16.0 24.0
127 18.9 16.5 24.7

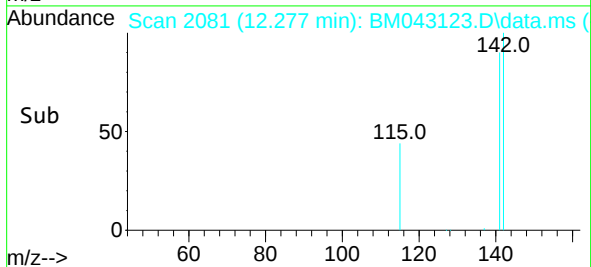
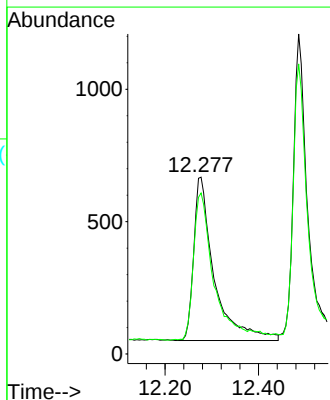
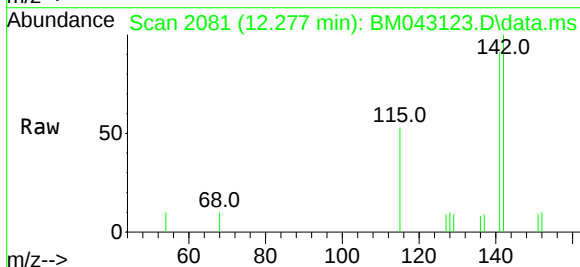
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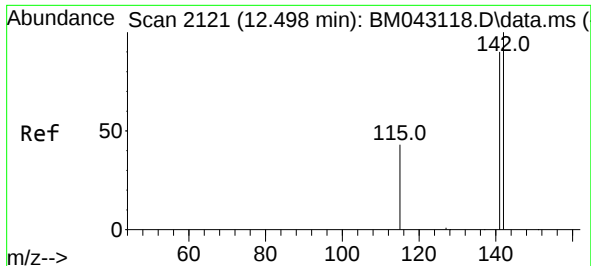
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.277 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

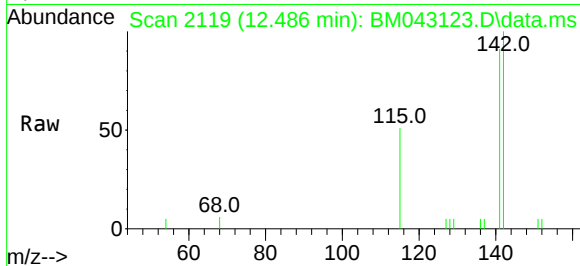
Tgt Ion:142 Resp: 1884
Ion Ratio Lower Upper
142 100
141 92.4 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.486 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

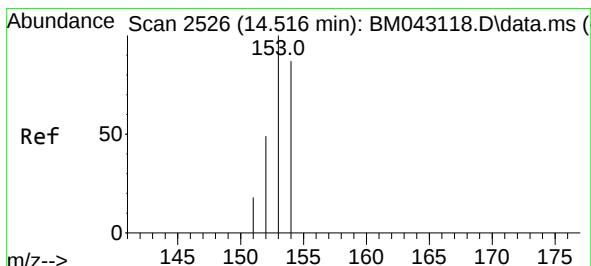
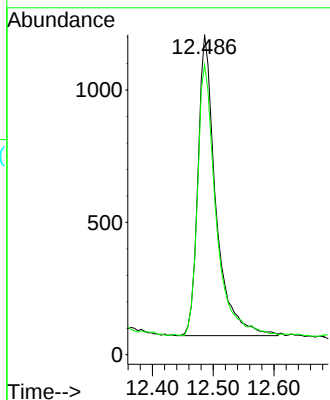
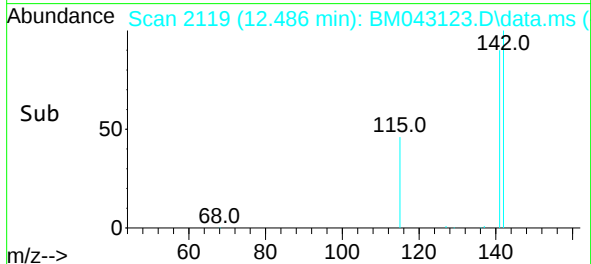
Instrument :
BNA_M
ClientSampleId :
C0AC2DL



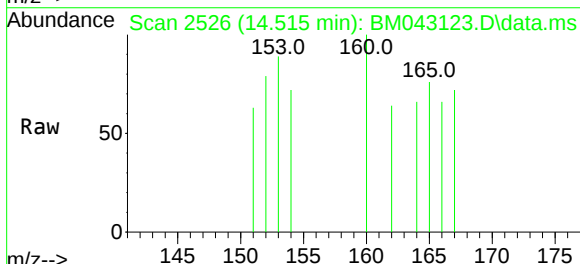
Tgt Ion:142 Resp: 2320
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8

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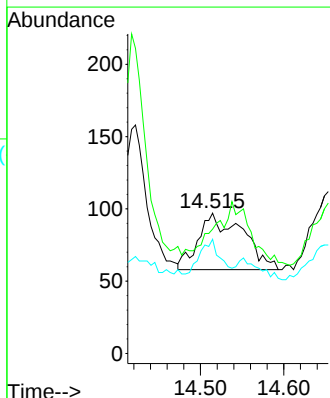
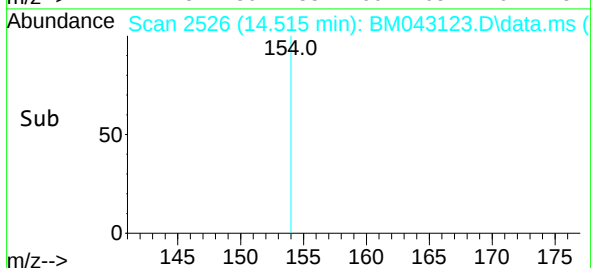
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

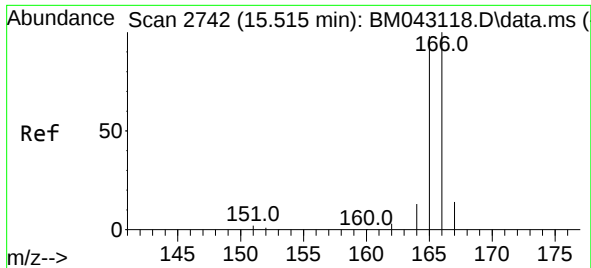


#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30



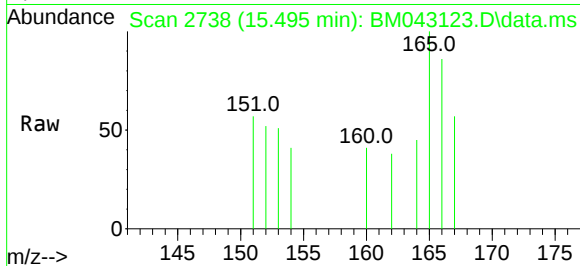
Tgt Ion:153 Resp: 144
Ion Ratio Lower Upper
153 100
152 88.7 43.9 65.9#
154 81.4 70.6 105.8





#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.495 min Scan# 21
Delta R.T. -0.020 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

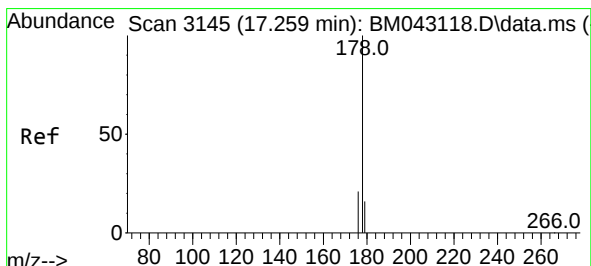
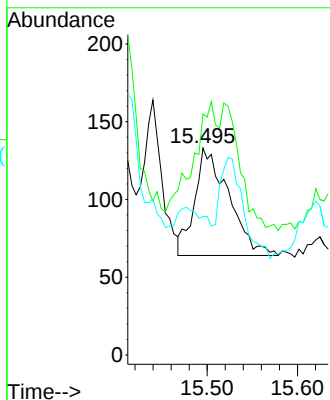
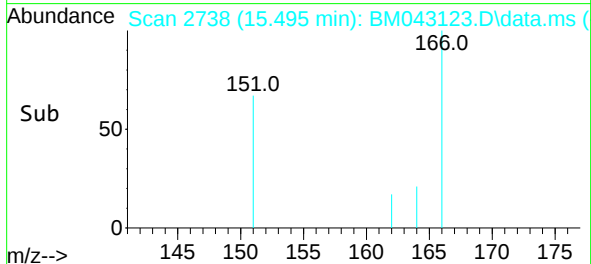
Instrument :
BNA_M
ClientSampleId :
C0AC2DL



Tgt Ion:166 Resp: 182
Ion Ratio Lower Upper
166 100
165 116.5 79.9 119.9
167 66.9 14.2 21.4

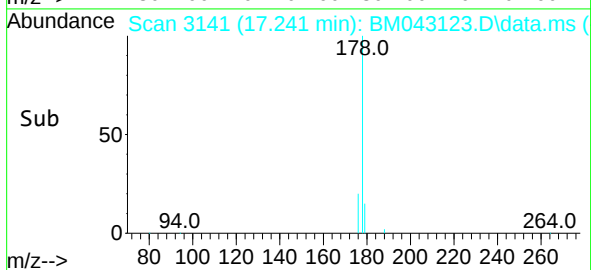
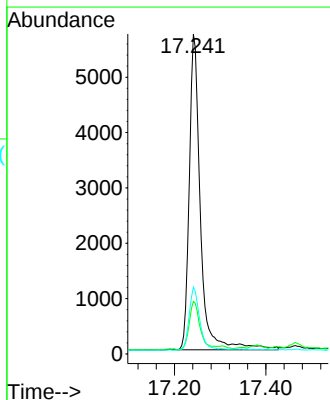
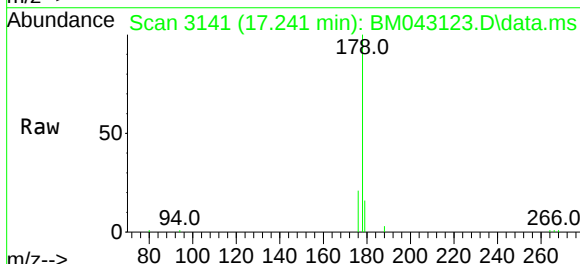
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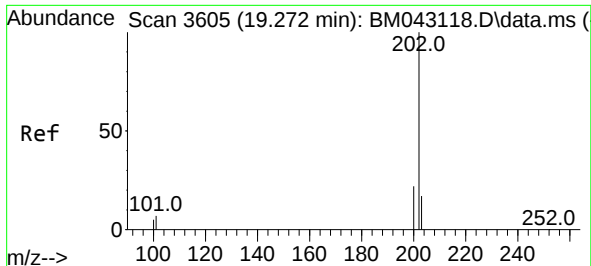
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#15
Phenanthrene
Concen: 0.927 ng/u1
RT: 17.241 min Scan# 3141
Delta R.T. -0.018 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

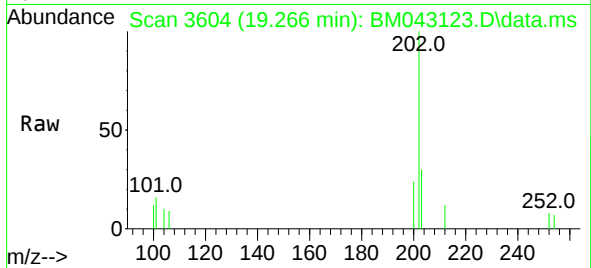
Tgt Ion:178 Resp: 9636
Ion Ratio Lower Upper
178 100
179 16.4 15.7 23.5
176 20.9 18.9 28.3





#19
Fluoranthene
Concen: 0.086 ng/u1
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

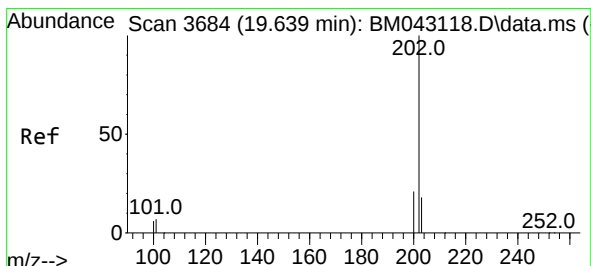
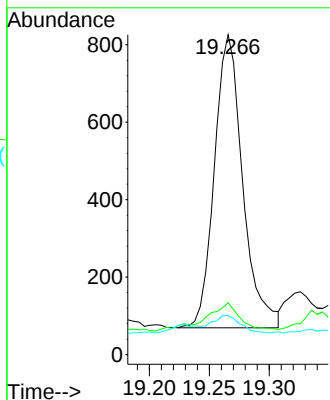
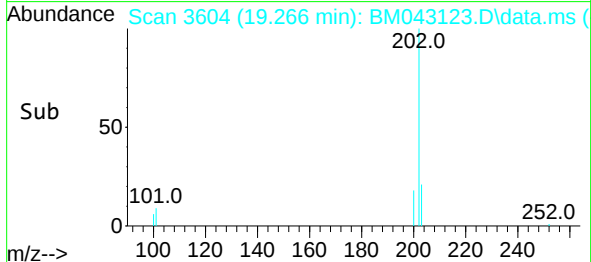
Instrument :
BNA_M
ClientSampleId :
C0AC2DL



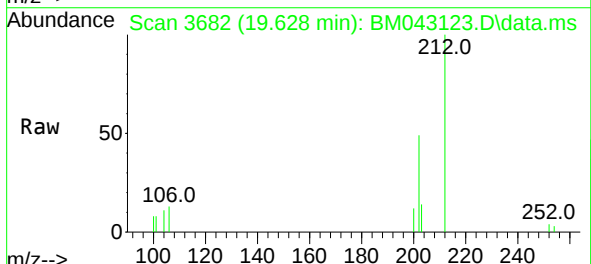
Tgt Ion:202 Resp: 1244
Ion Ratio Lower Upper
202 100
101 16.2 7.8 11.8#
100 12.2 7.1 10.7#

Manual Integrations
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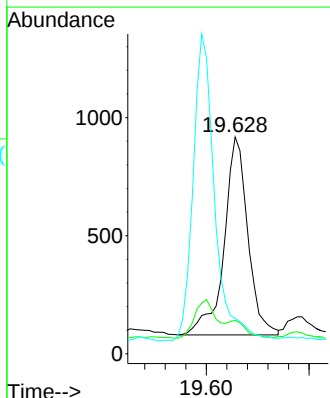
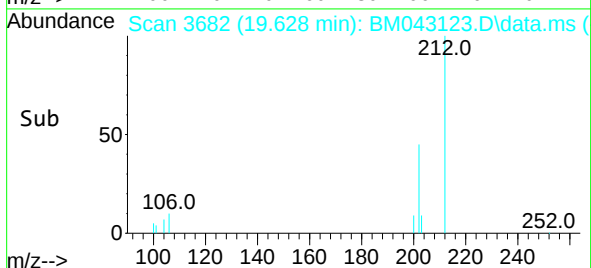
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

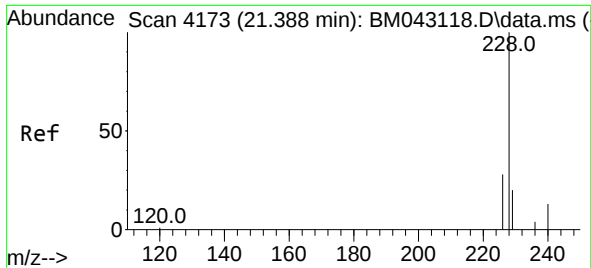


#20
Pyrene
Concen: 0.088 ng/u1
RT: 19.628 min Scan# 3682
Delta R.T. -0.011 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30



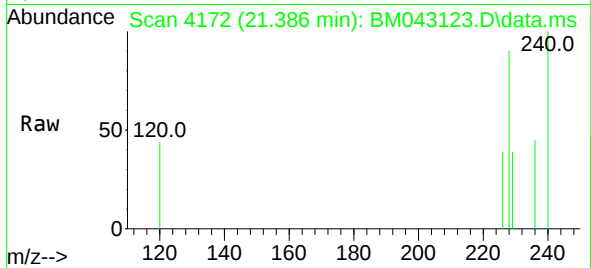
Tgt Ion:202 Resp: 1349
Ion Ratio Lower Upper
202 100
101 15.5 8.7 13.1#
100 16.4 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.386 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

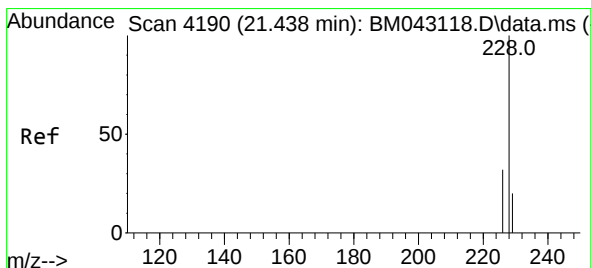
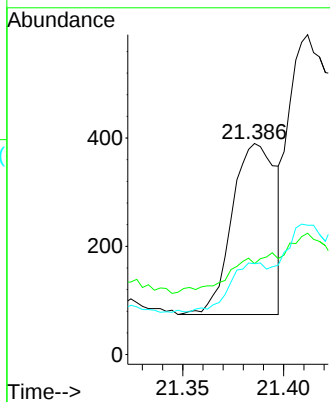
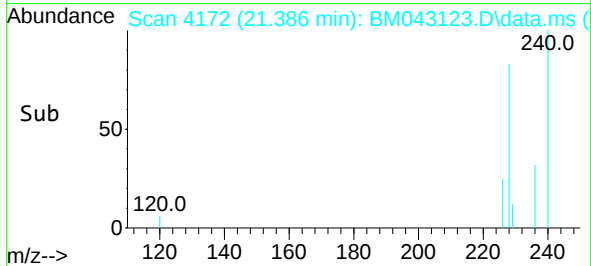
Instrument :
BNA_M
ClientSampleId :
C0AC2DL



Tgt Ion:228 Resp: 475
Ion Ratio Lower Upper
228 100
229 43.1 19.4 29.0
226 43.1 24.9 37.3

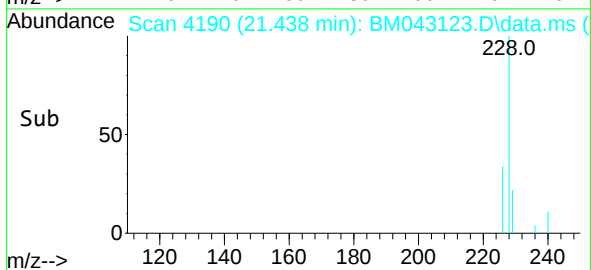
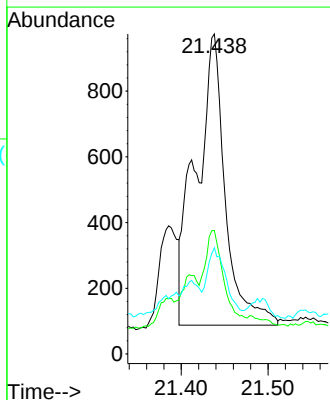
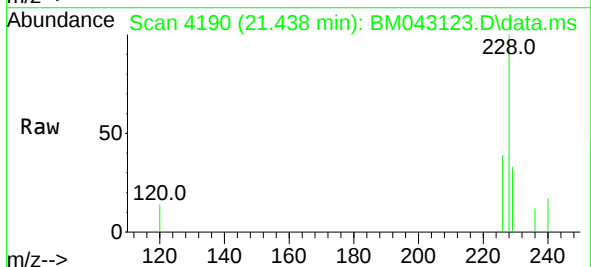
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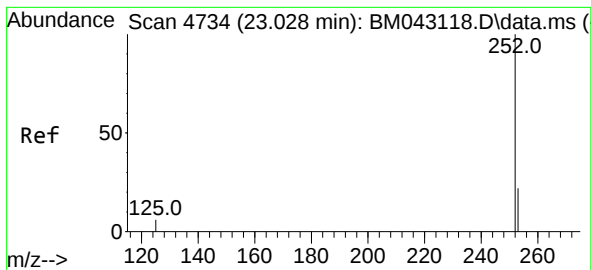
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 0.135 ng/ul m
RT: 21.438 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Tgt Ion:228 Resp: 2078
Ion Ratio Lower Upper
228 100
226 38.6 27.2 40.8
229 33.2 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.086 ng/uI

RT: 23.022 min Scan# 41

Delta R.T. -0.005 min

Lab File: BM043123.D

Acq: 01 Dec 2023 15:30

Instrument :

BNA_M

ClientSampleId :

C0AC2DL

Tgt Ion:252 Resp: 939

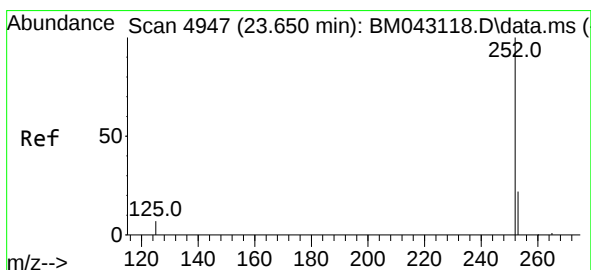
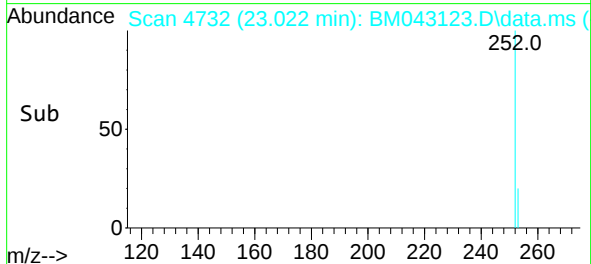
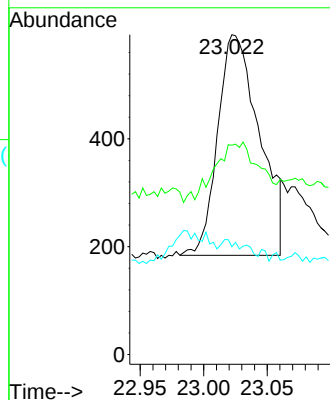
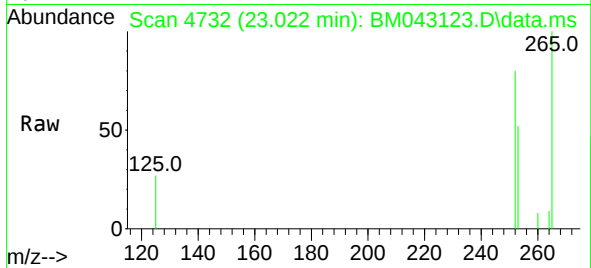
Ion	Ratio	Lower	Upper
252	100		
253	65.4	0.0	71.8
125	33.7	0.0	29.0

Manual Integrations

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Supervised By :mohammad ahmed 12/04/2023



#26

Benzo(a)pyrene

Concen: 0.026 ng/uI

RT: 23.636 min Scan# 4942

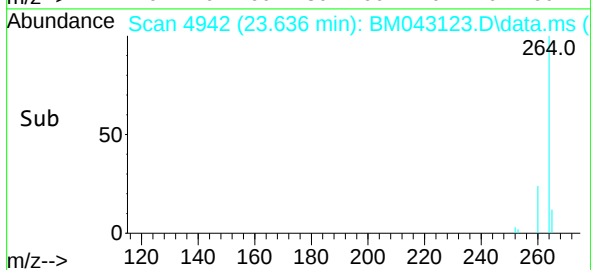
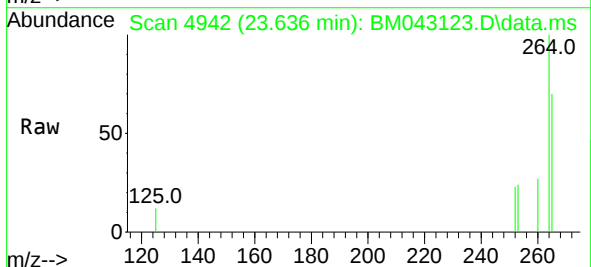
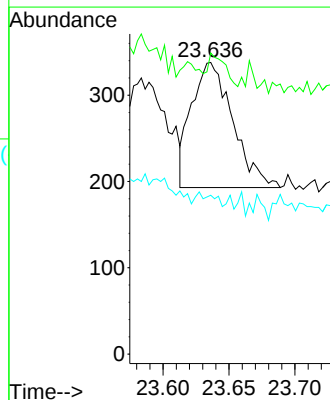
Delta R.T. -0.014 min

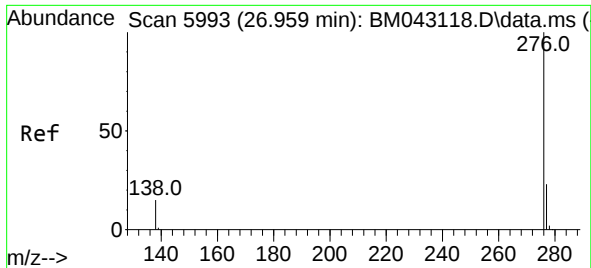
Lab File: BM043123.D

Acq: 01 Dec 2023 15:30

Tgt Ion:252 Resp: 315

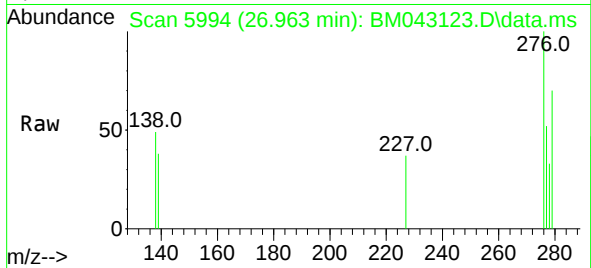
Ion	Ratio	Lower	Upper
252	100		
253	103.3	36.6	55.0#
125	54.4	16.2	24.4#





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.963 min Scan# 5994
Delta R.T. 0.004 min
Lab File: BM043123.D
Acq: 01 Dec 2023 15:30

Instrument :
BNA_M
ClientSampleId :
C0AC2DL



Tgt Ion: 276 Resp: 502
Ion Ratio Lower Upper
276 100
138 48.7 17.8 26.8
277 51.8 23.8 35.8

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Supervised By : mohammad ahmed 12/04/2023

