

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044123.D
 Acq On : 16 Feb 2024 04:51
 Operator : MA/JU
 Sample : P1305-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 03:21:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	9410	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	32392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	18487	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	39101m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	25180m	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	24978m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	62282	4.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	14530	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	29269m	0.390	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.754	128	8425	0.088	ng/ul	97
7) 2-Methylnaphthalene	12.365	142	13650	0.230	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	6186	0.103	ng/ul	100
12) Fluorene	15.597	166	3461	0.042	ng/ul#	89
14) Pentachlorophenol	16.942	266	505	0.036	ng/ul	87
15) Phenanthrene	17.339	178	48449	0.391	ng/ul	100
19) Fluoranthene	19.359	202	16888m	0.147	ng/ul	
20) Pyrene	19.726	202	15842m	0.131	ng/ul	
21) Benzo(a)anthracene	21.479	228	5293m	0.046	ng/ul	
22) Chrysene	21.532	228	23782m	0.191	ng/ul	
24) Benzo(b)fluoranthene	23.163	252	12412m	0.120	ng/ul	
25) Benzo(k)fluoranthene	23.207	252	3215m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276	3762m	0.031	ng/ul	
29) Benzo(g,h,i)perylene	27.124	276	4067m	0.038	ng/ul	

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

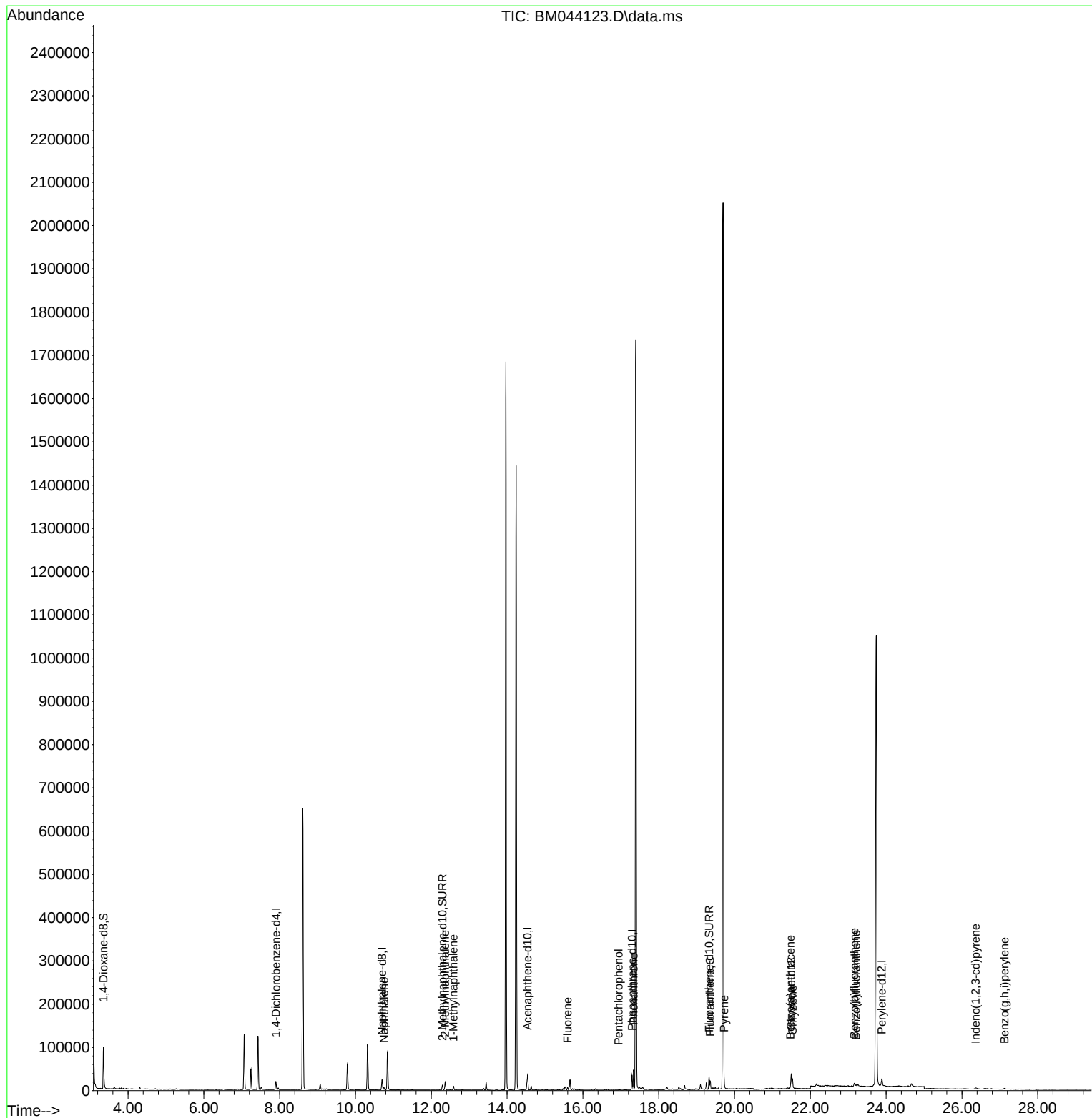
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044123.D
Acq On : 16 Feb 2024 04:51
Operator : MA/JU
Sample : P1305-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

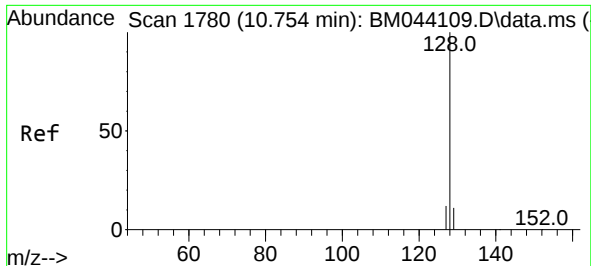
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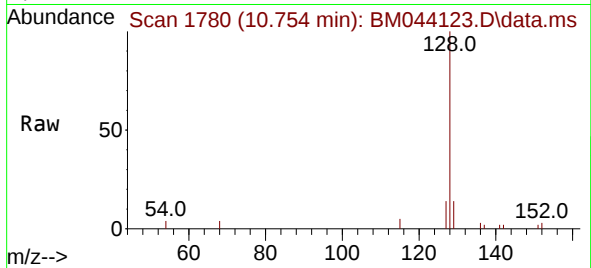
Quant Time: Feb 17 03:21:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.754 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

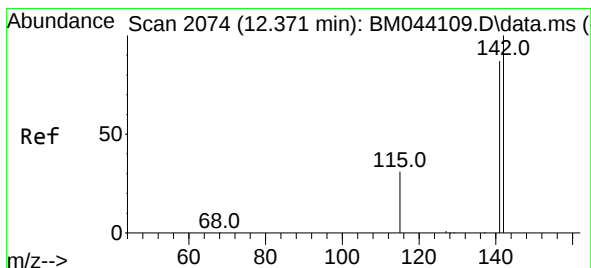
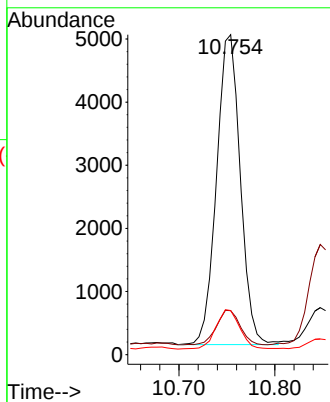
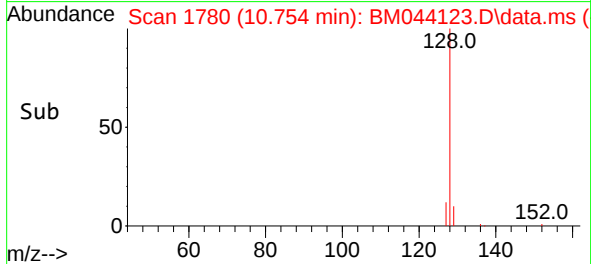
Instrument :
BNA_M
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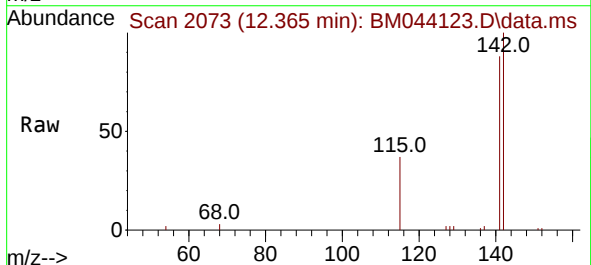
Tgt Ion:128 Resp: 842
Ion Ratio Lower Upper
128 100
129 13.7 9.5 14.3
127 13.8 10.7 16.1

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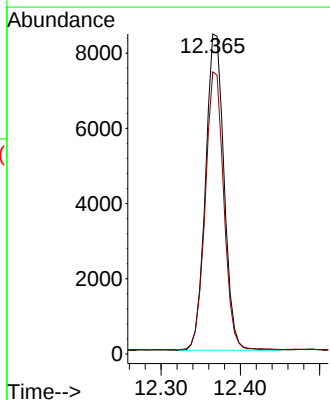
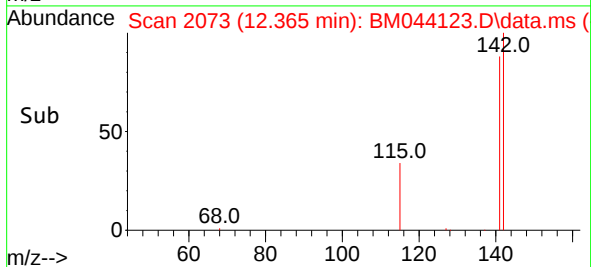
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

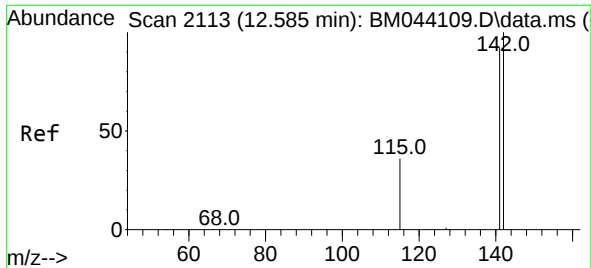


#7
2-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51



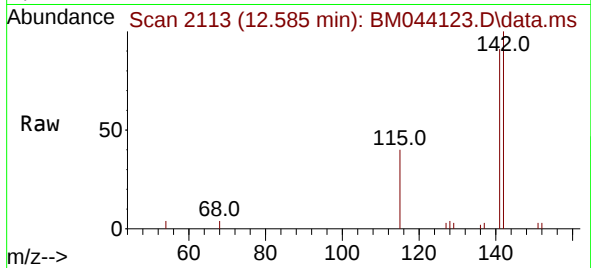
Tgt Ion:142 Resp: 13650
Ion Ratio Lower Upper
142 100
141 87.9 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

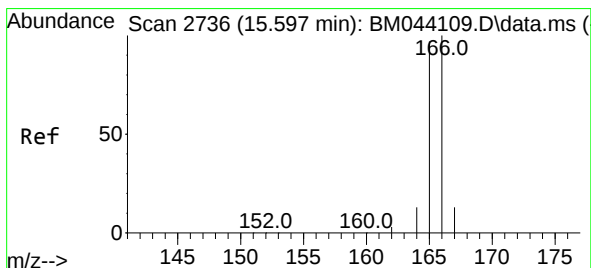
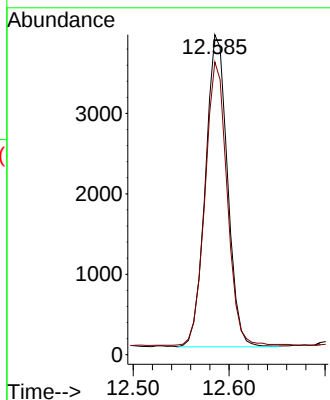
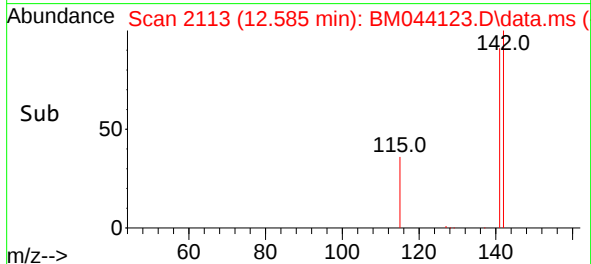
Instrument :
BNA_M
ClientSampleId :
C0FP2



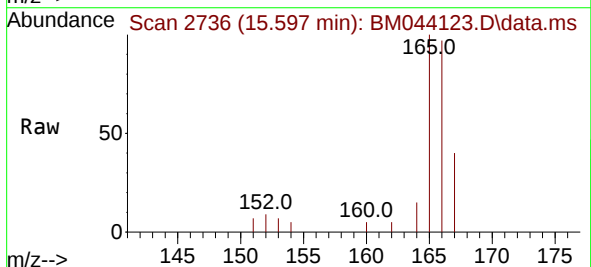
Tgt Ion:142 Resp: 6180
Ion Ratio Lower Upper
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141 90.9 72.5 108.7

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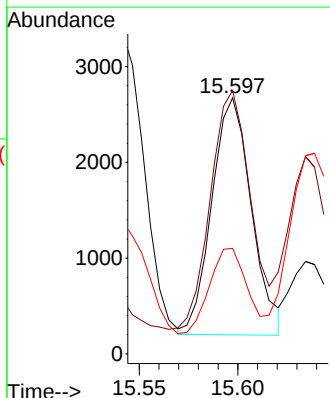
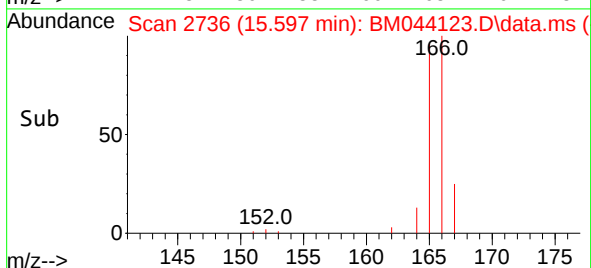
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

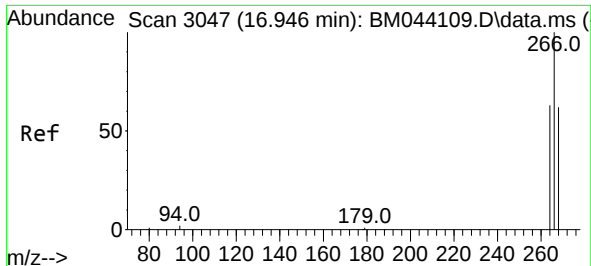


#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51



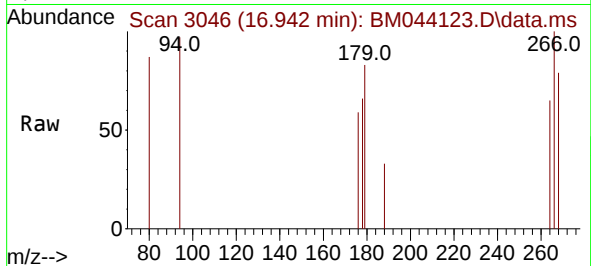
Tgt Ion:166 Resp: 3461
Ion Ratio Lower Upper
166 100
165 102.9 79.8 119.6
167 41.3 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.036 ng/u1
RT: 16.942 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

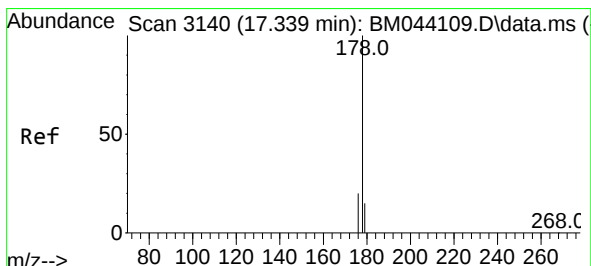
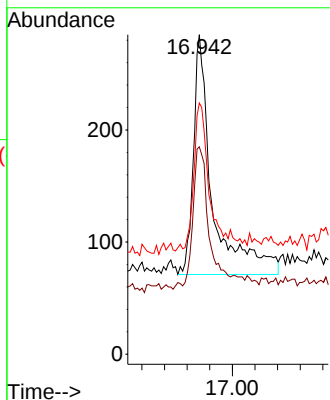
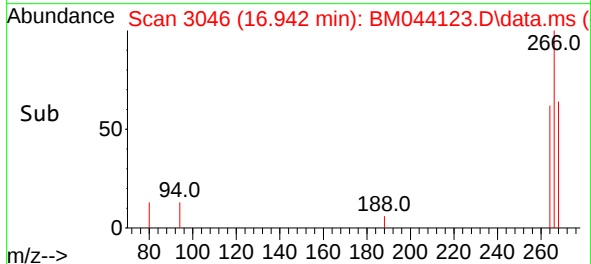
Instrument :
BNA_M
ClientSampleId :
C0FP2



Tgt Ion:266 Resp: 509
Ion Ratio Lower Upper
266 100
264 52.5 49.4 74.0
268 54.5 52.1 78.1

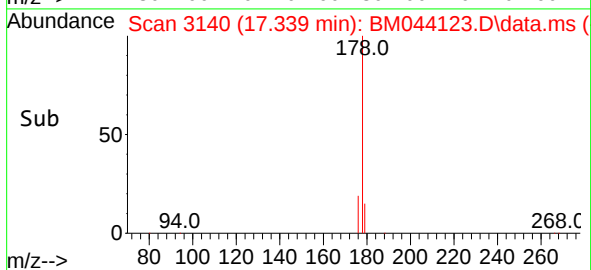
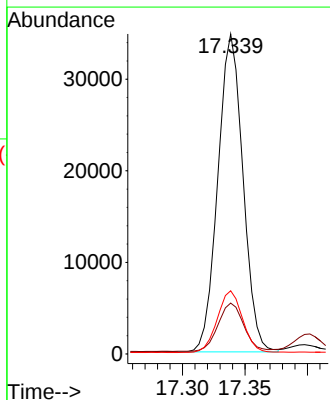
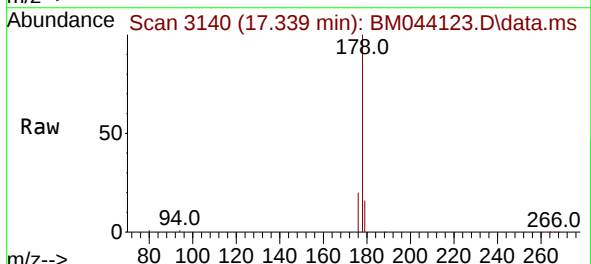
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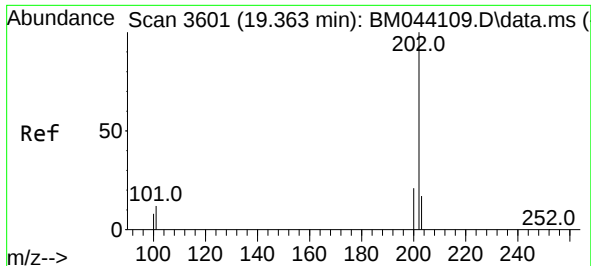
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.391 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

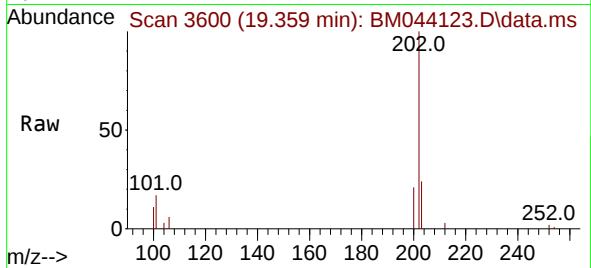
Tgt Ion:178 Resp: 48449
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 16.0 24.0





#19
Fluoranthene
Concen: 0.147 ng/ul m
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

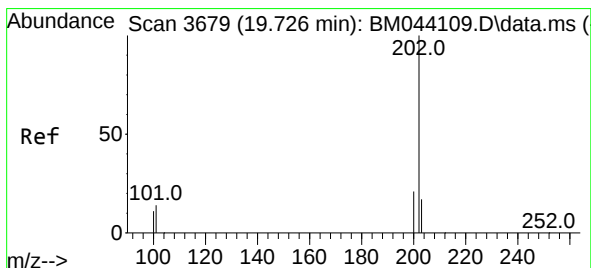
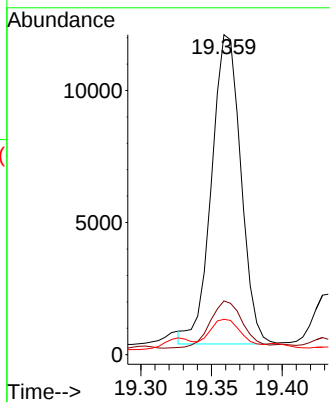
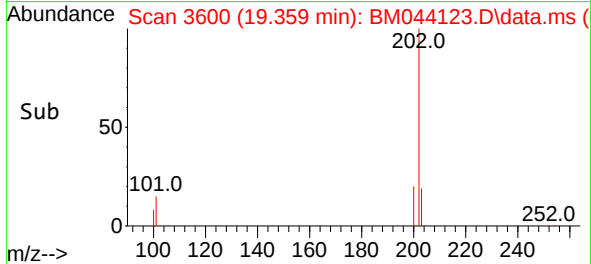
Instrument :
BNA_M
ClientSampleId :
C0FP2



Tgt Ion:202 Resp: 1688
Ion Ratio Lower Upper
202 100
101 16.8 9.8 14.6
100 11.1 7.0 10.4

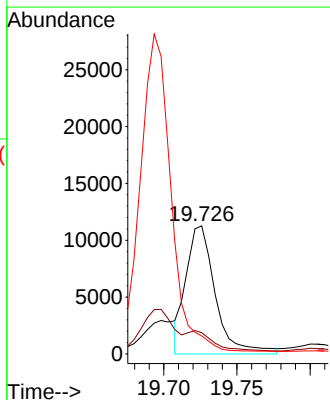
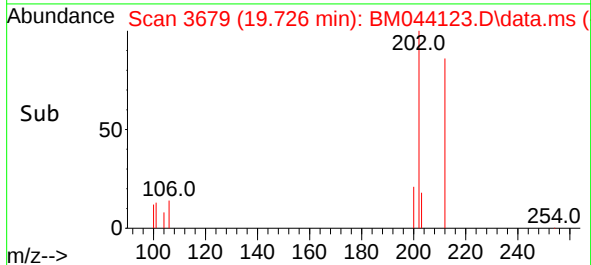
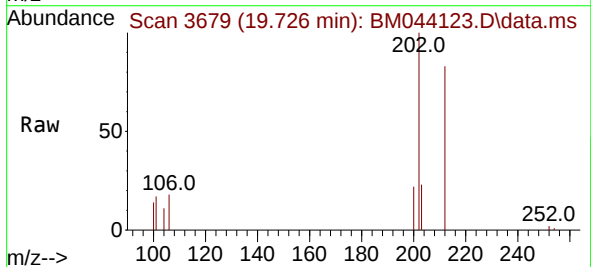
Manual Integrations
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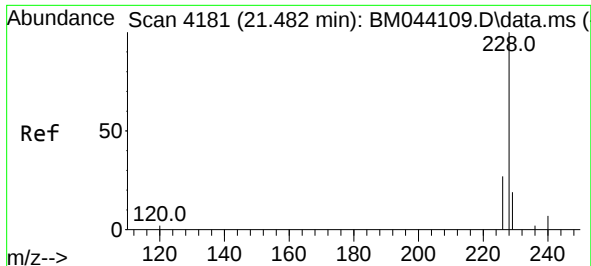
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.131 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

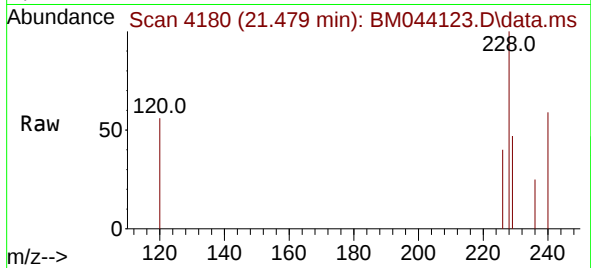
Tgt Ion:202 Resp: 15842
Ion Ratio Lower Upper
202 100
101 16.6 11.2 16.8
100 14.0 8.6 13.0





#21
Benzo(a)anthracene
Concen: 0.046 ng/ul m
RT: 21.479 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

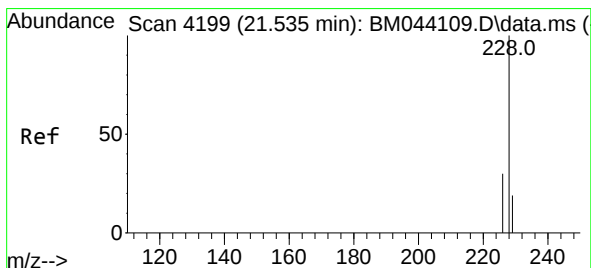
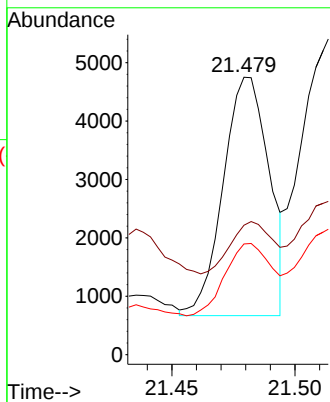
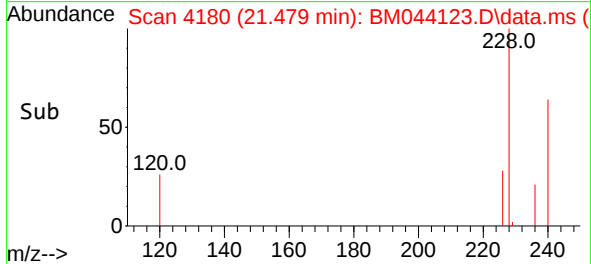
Instrument :
BNA_M
ClientSampleId :
C0FP2



Tgt Ion:228 Resp: 529
Ion Ratio Lower Upper
228 100
229 46.6 15.4 23.2
226 39.9 22.1 33.1

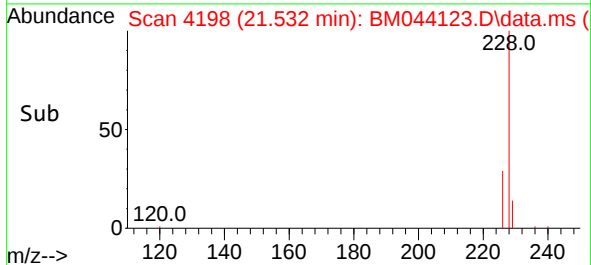
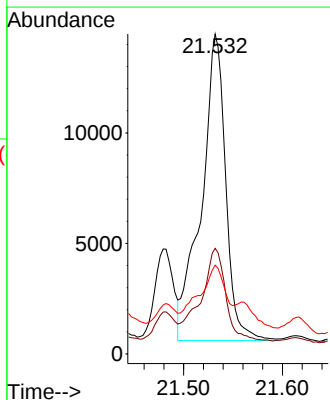
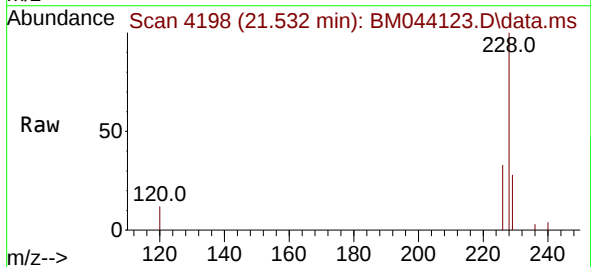
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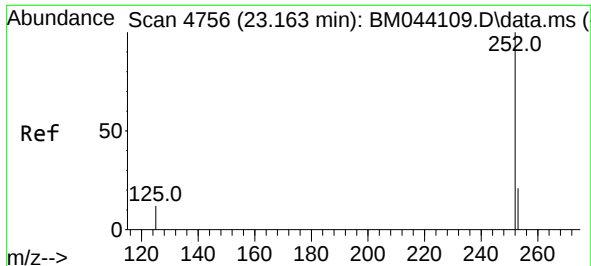
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#22
Chrysene
Concen: 0.191 ng/ul m
RT: 21.532 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

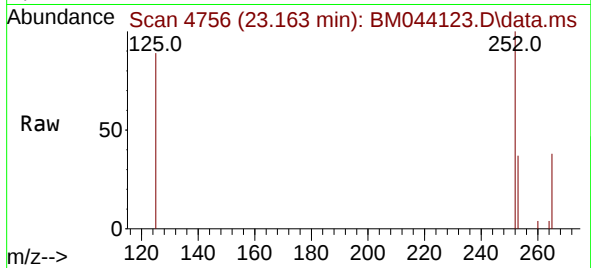
Tgt Ion:228 Resp: 23782
Ion Ratio Lower Upper
228 100
226 33.0 24.2 36.2
229 27.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.120 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

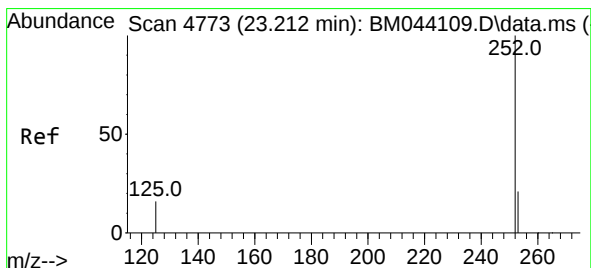
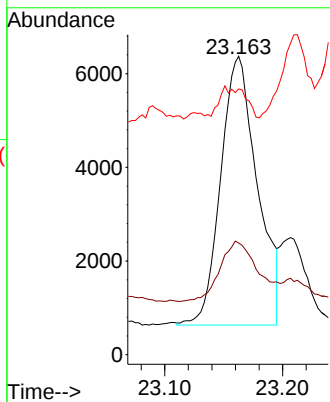
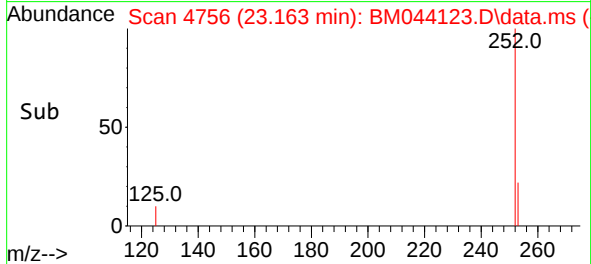
Instrument :
BNA_M
ClientSampleId :
C0FP2



Tgt Ion:252 Resp: 1241
Ion Ratio Lower Upper
252 100
253 37.4 0.0 50.0
125 89.1 0.0 28.2

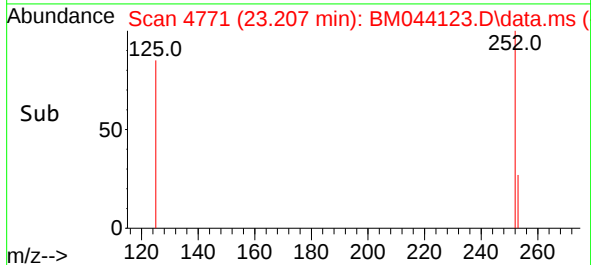
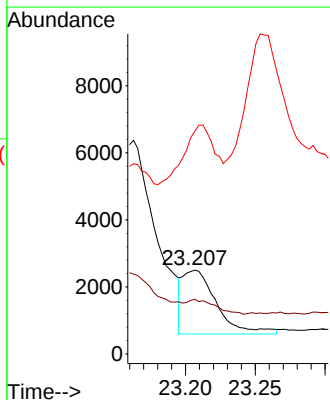
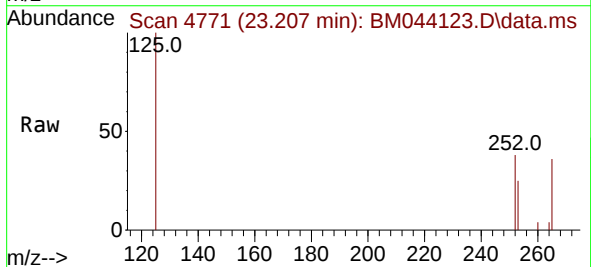
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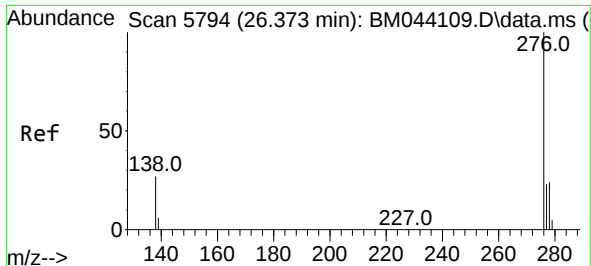
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

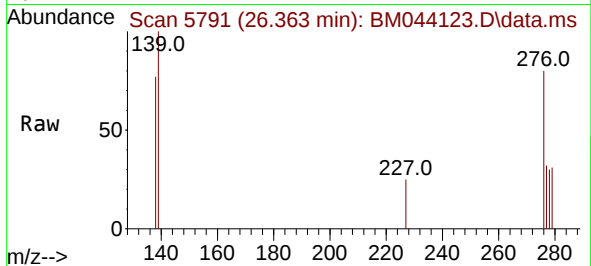
Tgt Ion:252 Resp: 3215
Ion Ratio Lower Upper
252 100
253 65.3 20.1 30.1#
125 265.6 12.3 18.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul m
RT: 26.363 min Scan# 5794
Delta R.T. -0.007 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51

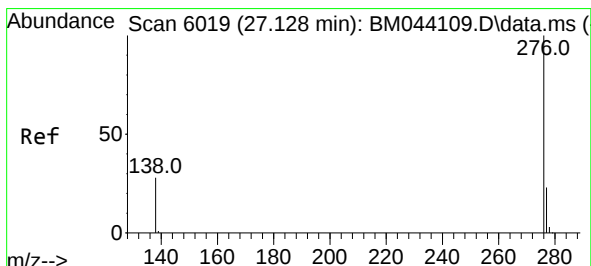
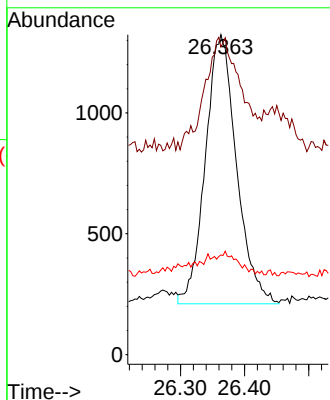
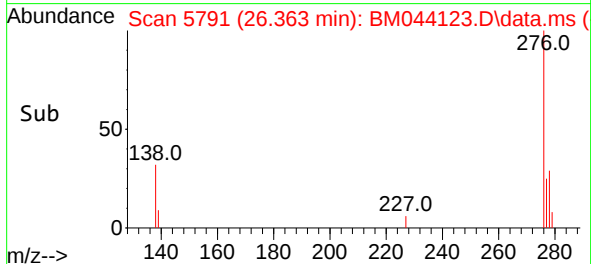
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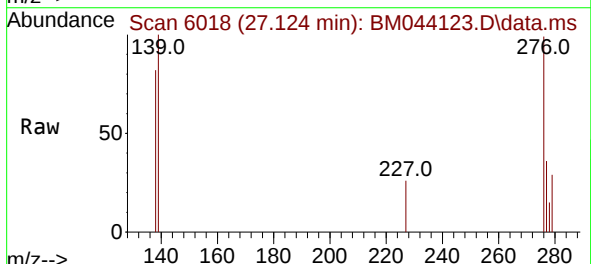
Tgt Ion:276 Resp: 3762
Ion Ratio Lower Upper
276 100
138 0.0 25.2 37.8#
227 0.0 0.1 0.1#

Manual Integrations
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul m
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044123.D
Acq: 16 Feb 2024 04:51



Tgt Ion:276 Resp: 4067
Ion Ratio Lower Upper
276 100
138 83.3 22.7 34.1#
277 36.4 19.0 28.6#

