

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038111.D
 Acq On : 19 Dec 2022 20:23
 Operator : CG/JU
 Sample : N5925-14DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 23:24:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	18665	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	12896	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	11758	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	13114	1.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	3318	0.138	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	5978	0.128	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.917	128	5958	0.119	ng/ul	97
7) 2-Methylnaphthalene	12.517	142	1928	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1770	0.056	ng/ul	100
10) Acenaphthylene	14.402	152	2037	0.042	ng/ul#	86
11) Acenaphthene	14.740	153	2692	0.073	ng/ul	98
12) Fluorene	15.721	166	3893	0.095	ng/ul	98
14) Pentachlorophenol	17.067	266	318	0.041	ng/ul	96
15) Phenanthrene	17.455	178	54209	0.862	ng/ul	100
16) Anthracene	17.548	178	9393	0.162	ng/ul	96
19) Fluoranthene	19.464	202	80438	1.208	ng/ul#	94
20) Pyrene	19.826	202	55559m	0.817	ng/ul	
21) Benzo(a)anthracene	21.562	228	29850	0.536	ng/ul	98
22) Chrysene	21.618	228	29735	0.529	ng/ul	96
24) Benzo(b)fluoranthene	23.281	252	35967	0.645	ng/ul	97
25) Benzo(k)fluoranthene	23.328	252	13541m	0.252	ng/ul	
26) Benzo(a)pyrene	23.924	252	19224	0.409	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.595	276	14500	0.246	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.606	278	4315	0.094	ng/ul#	64
29) Benzo(g,h,i)perylene	27.387	276	10036	0.200	ng/ul	96

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

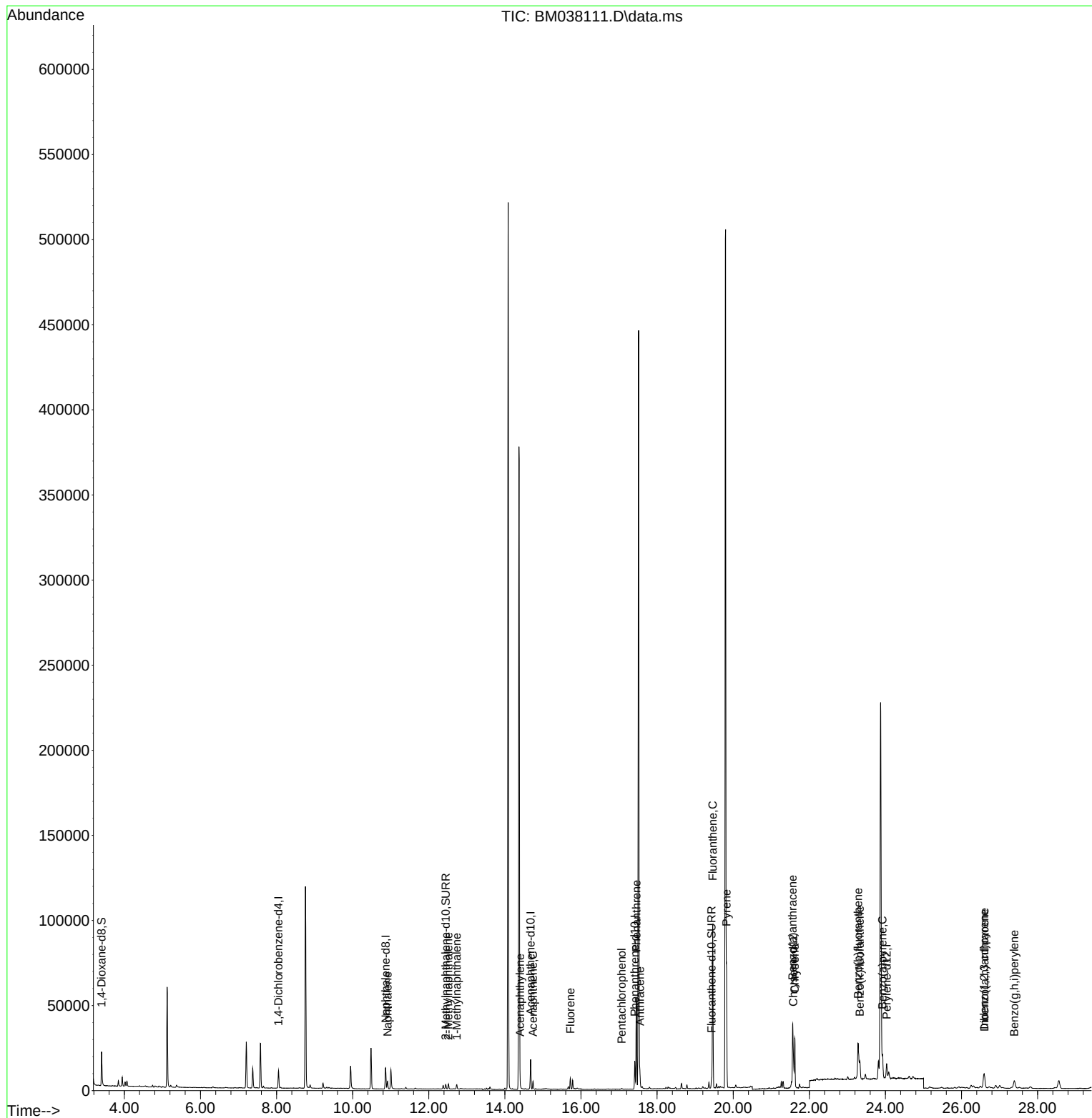
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038111.D
Acq On : 19 Dec 2022 20:23
Operator : CG/JU
Sample : N5925-14DL 2X
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ALS Vial : 14 Sample Multiplier: 1

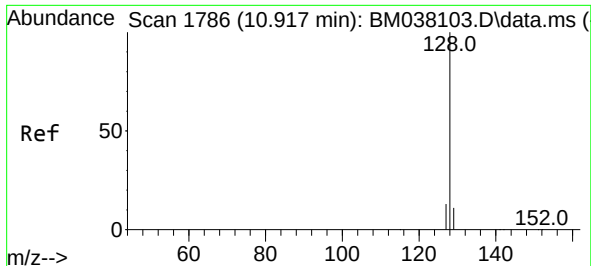
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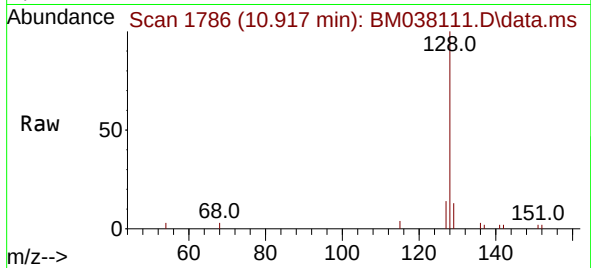
Quant Time: Dec 19 23:24:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.119 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

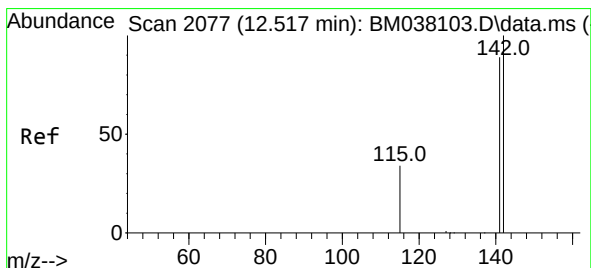
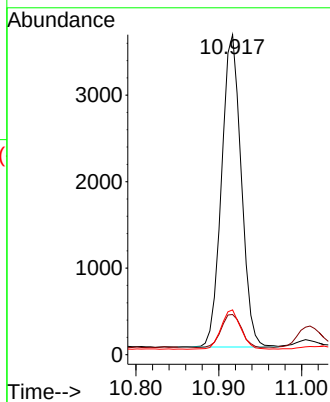
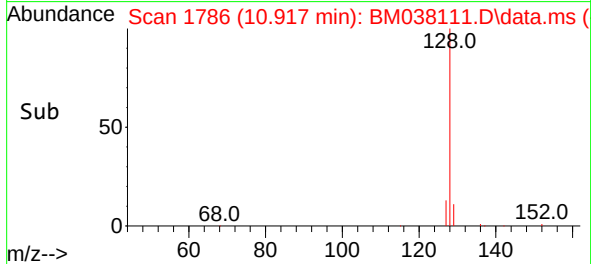
Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



Tgt Ion:128 Resp: 5958
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 14.0 10.4 15.6

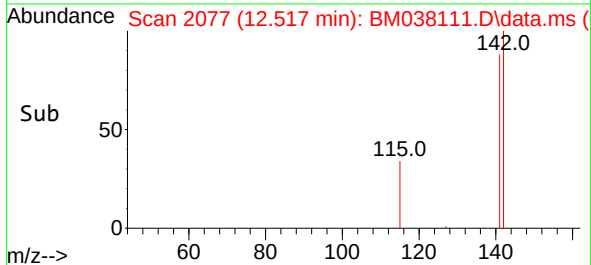
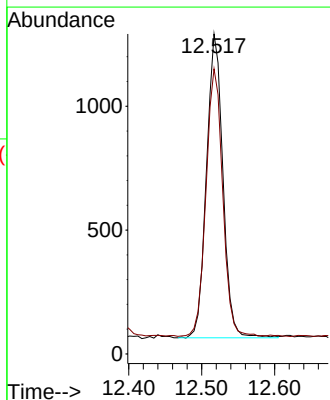
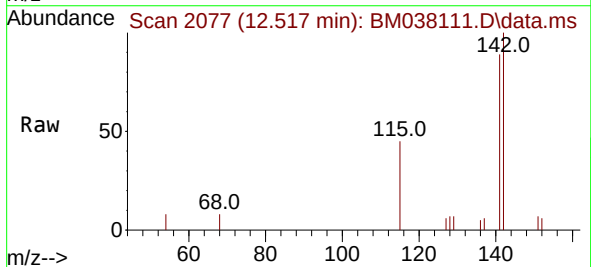
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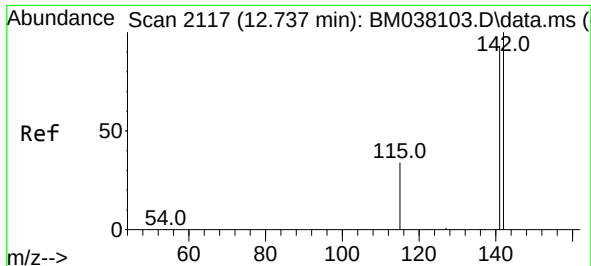
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

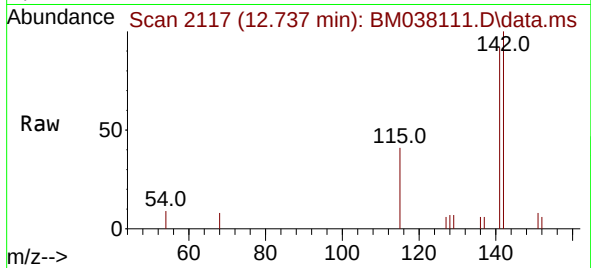
Tgt Ion:142 Resp: 1928
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

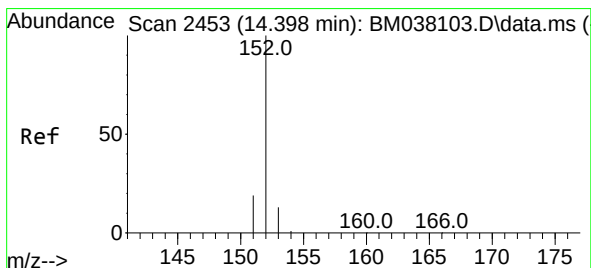
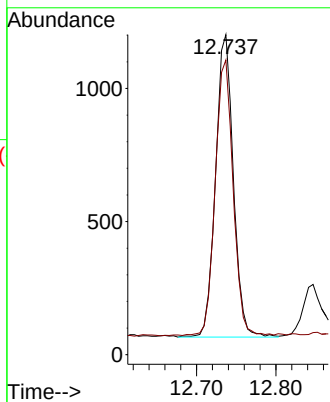
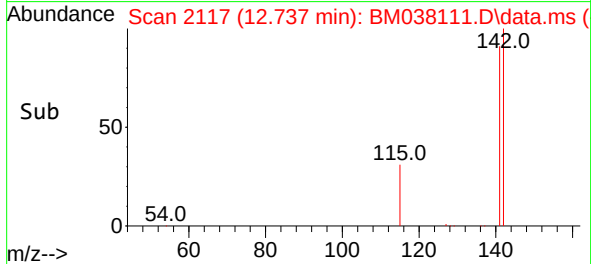
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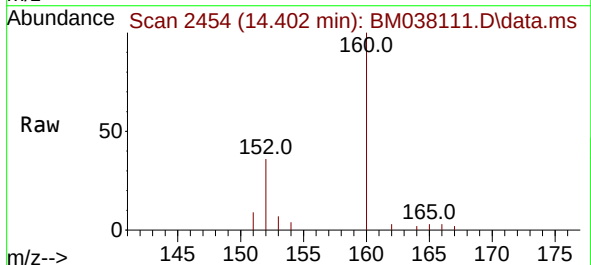
Tgt Ion:142 Resp: 1770
Ion Ratio Lower Upper
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141 92.2 73.6 110.4

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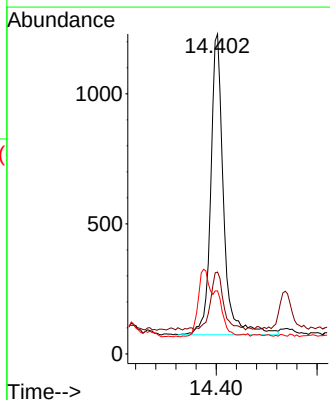
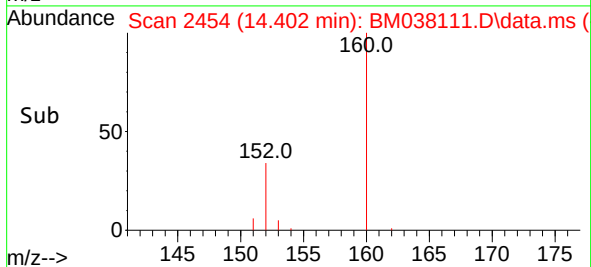
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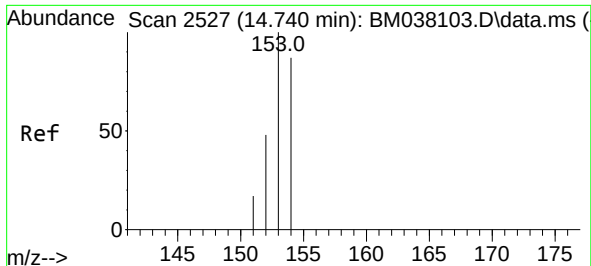


#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23



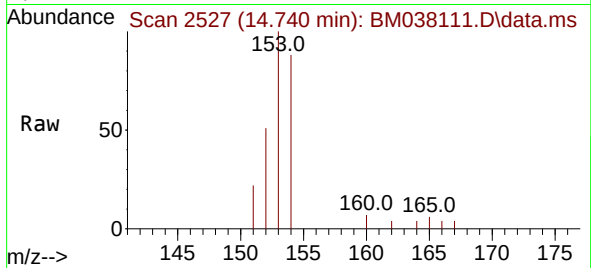
Tgt Ion:152 Resp: 2037
Ion Ratio Lower Upper
152 100
151 25.6 15.5 23.3#
153 19.7 11.0 16.4#





#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

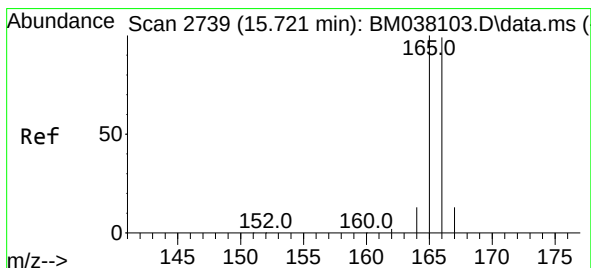
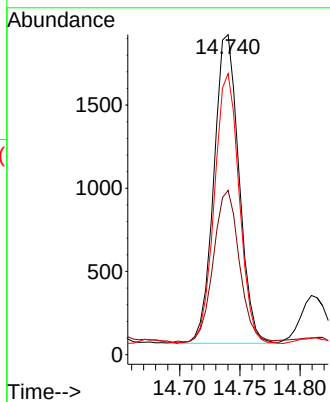
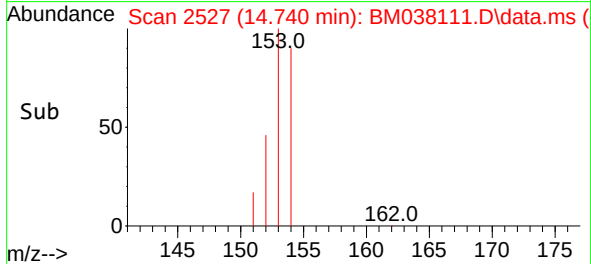
Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



Tgt Ion:153 Resp: 2692
Ion Ratio Lower Upper
153 100
152 51.3 39.5 59.3
154 87.8 69.2 103.8

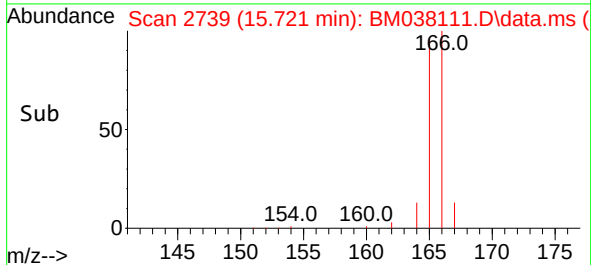
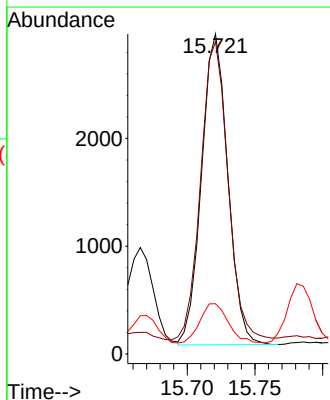
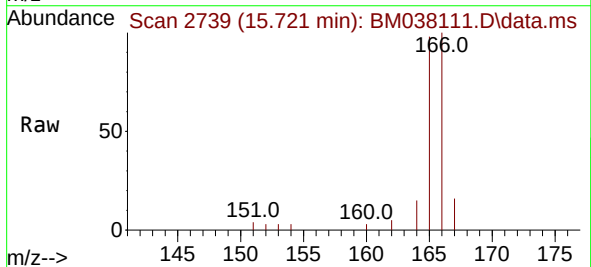
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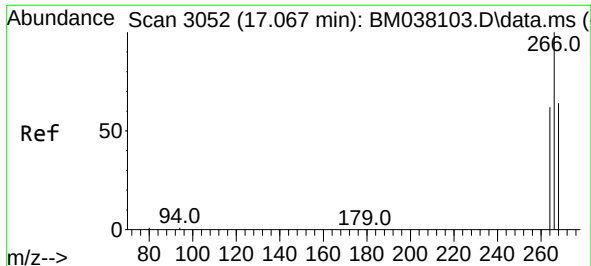
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#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

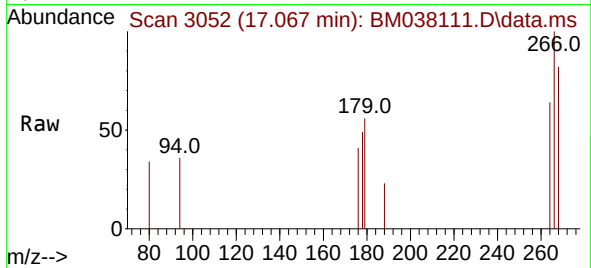
Tgt Ion:166 Resp: 3893
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.4
167 15.7 11.1 16.7





#14
Pentachlorophenol
Concen: 0.041 ng/uI
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

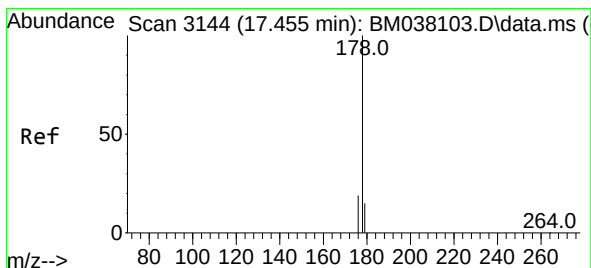
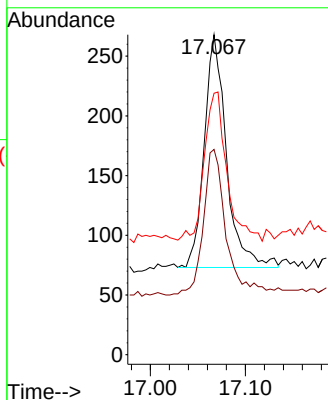
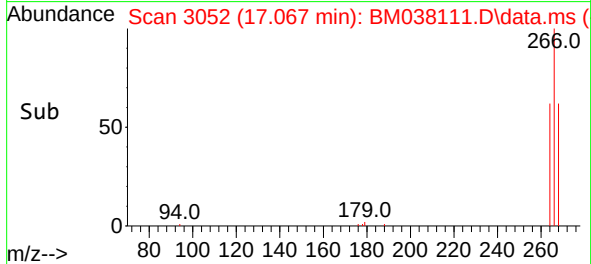
Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



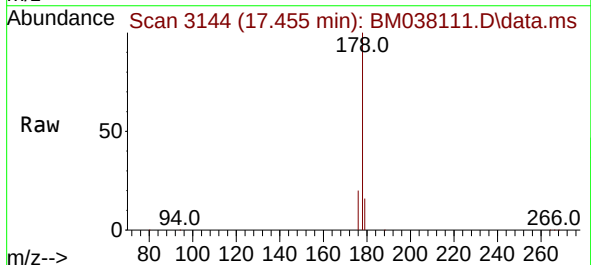
Tgt Ion:266 Resp: 318
Ion Ratio Lower Upper
266 100
264 67.6 49.9 74.9
268 64.5 52.0 78.0

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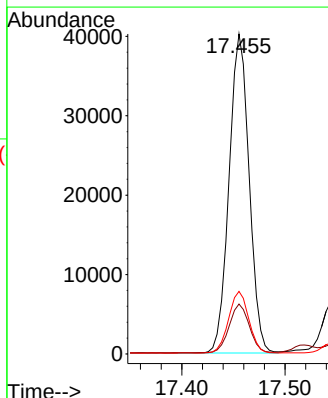
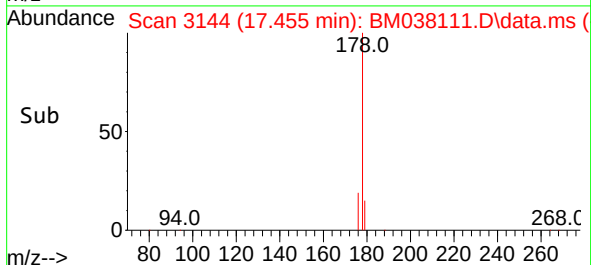
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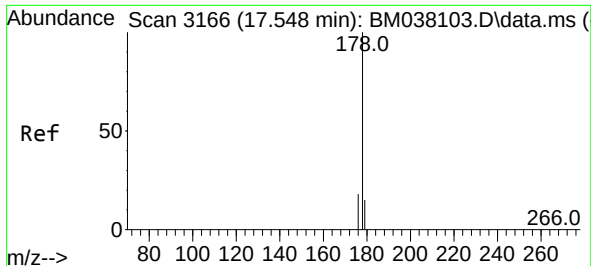


#15
Phenanthrene
Concen: 0.862 ng/uI
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23



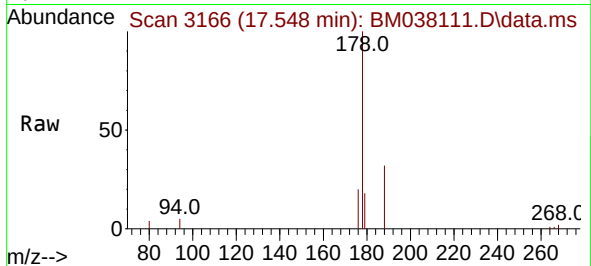
Tgt Ion:178 Resp: 54209
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.162 ng/u1
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM038111.D
 Acq: 19 Dec 2022 20:23

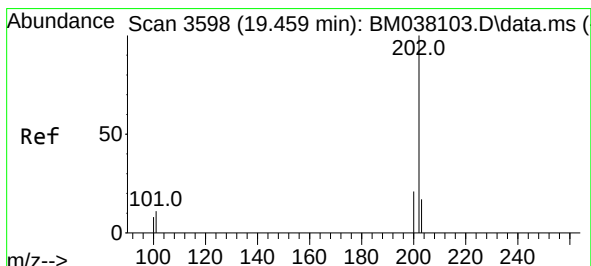
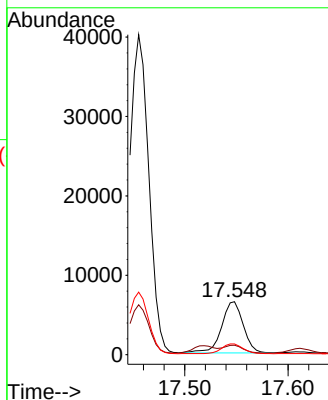
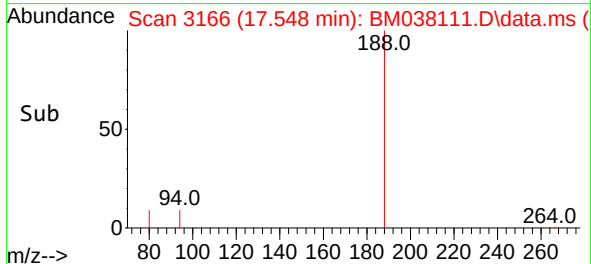
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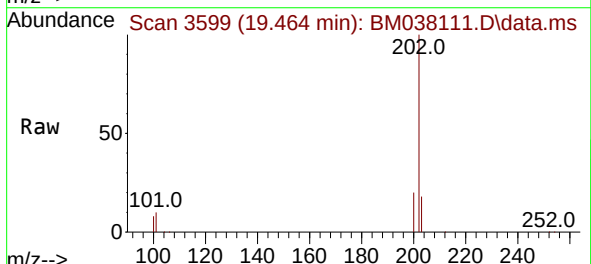
Tgt Ion:178 Resp: 9398
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.0 19.4
 176 20.3 15.0 22.4

Manual Integrations
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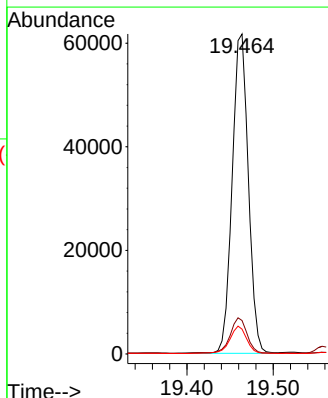
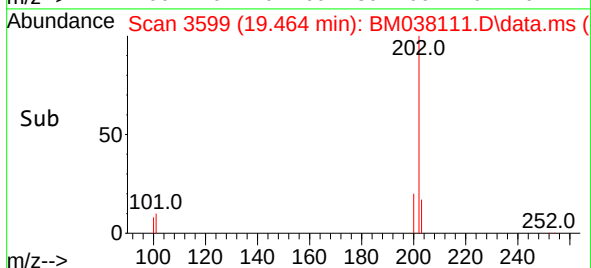
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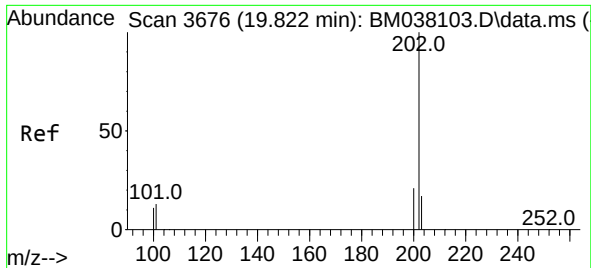


#19
 Fluoranthene
 Concen: 1.208 ng/u1
 RT: 19.464 min Scan# 3599
 Delta R.T. 0.000 min
 Lab File: BM038111.D
 Acq: 19 Dec 2022 20:23



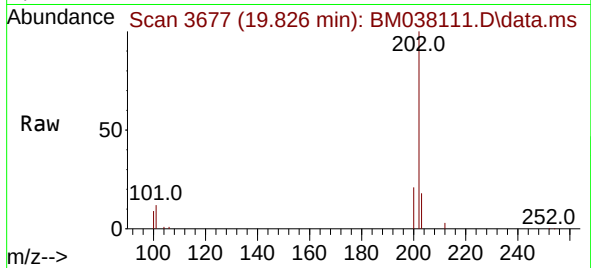
Tgt Ion:202 Resp: 80438
 Ion Ratio Lower Upper
 202 100
 101 10.4 10.6 15.8#
 100 7.7 7.9 11.9#





#20
Pyrene
Concen: 0.817 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

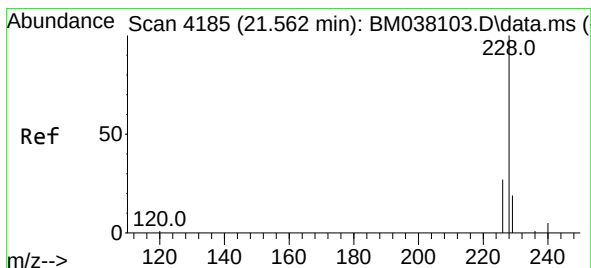
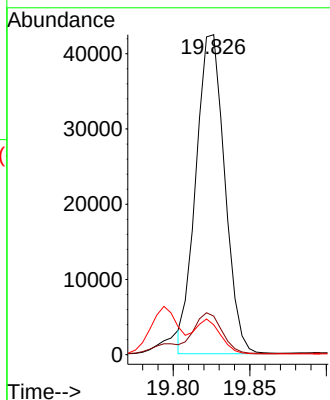
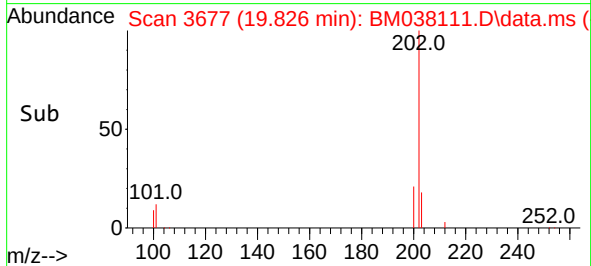
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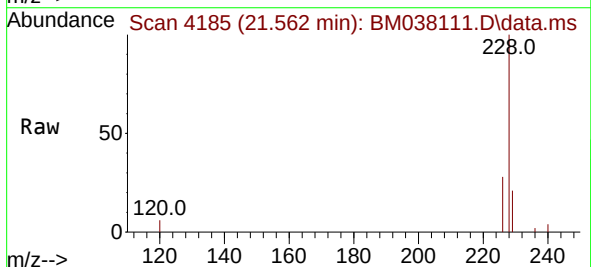
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Ion Ratio Lower Upper
202 100
101 12.1 12.1 18.1
100 9.3 9.8 14.6

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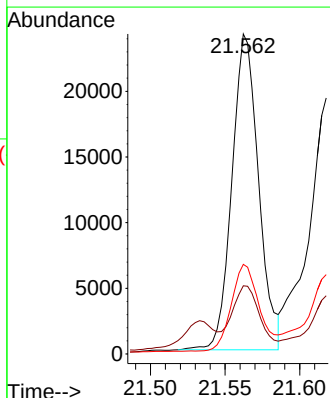
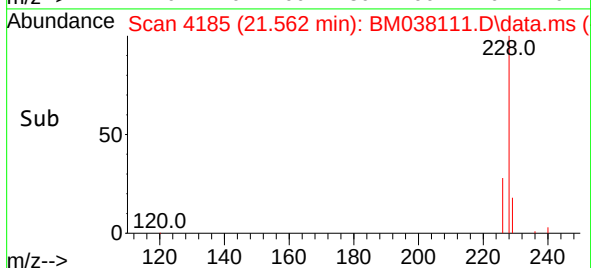
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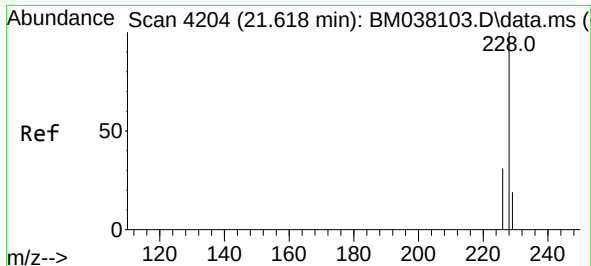


#21
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23



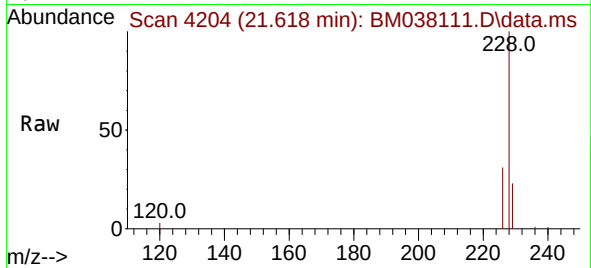
Tgt Ion:228 Resp: 29850
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 28.0 22.1 33.1





#22
Chrysene
Concen: 0.529 ng/u1
RT: 21.618 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

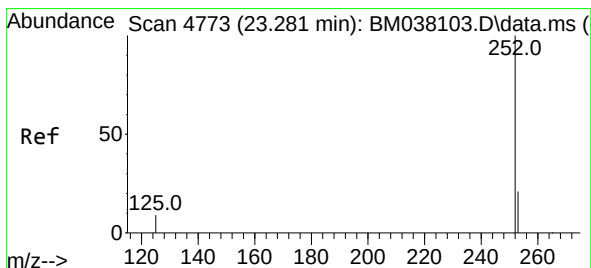
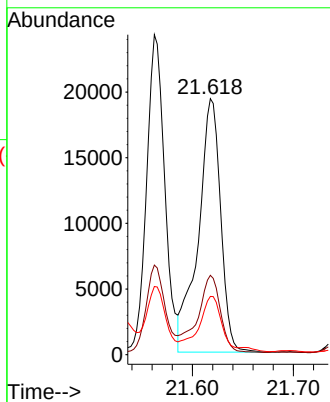
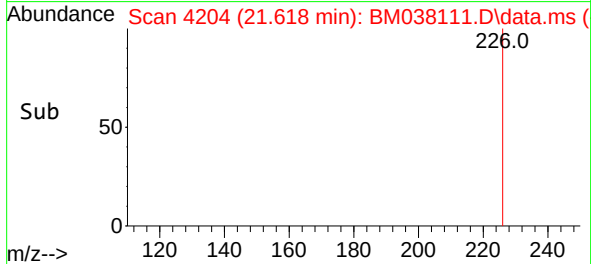
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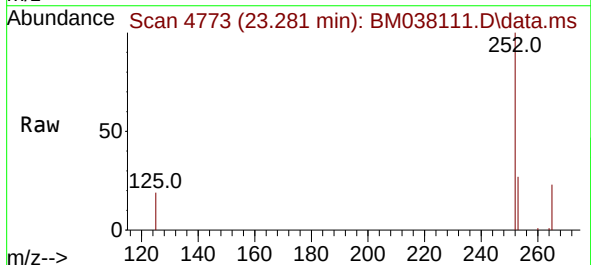
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Ion Ratio Lower Upper
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226 31.0 24.1 36.1
229 22.7 15.7 23.5

Manual Integrations
APPROVED

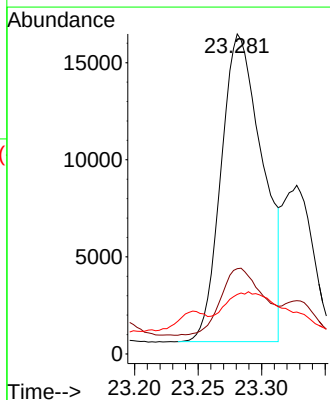
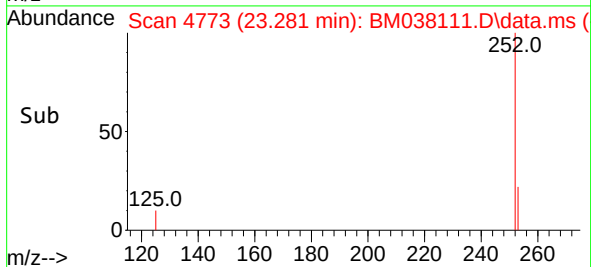
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

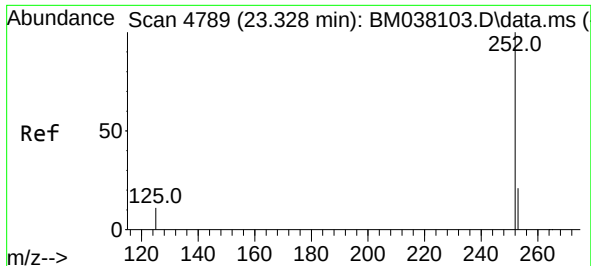


#24
Benzo(b)fluoranthene
Concen: 0.645 ng/u1
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23



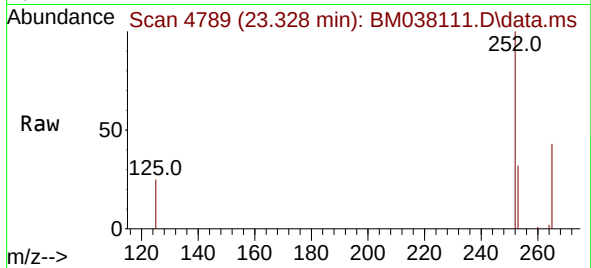
Tgt Ion:252 Resp: 35967
Ion Ratio Lower Upper
252 100
253 26.6 0.0 51.8
125 18.6 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

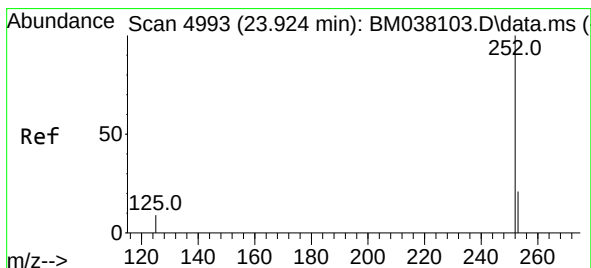
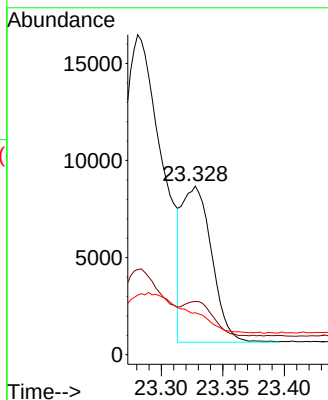
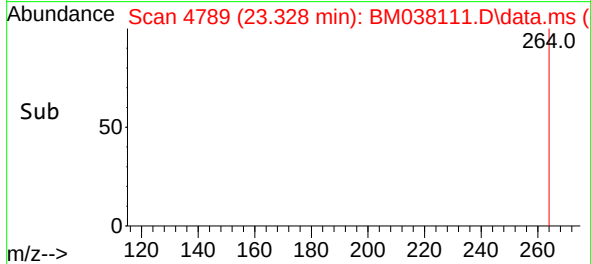
Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



Tgt Ion:252 Resp: 1354
Ion Ratio Lower Upper
252 100
253 31.6 20.8 31.2
125 24.9 17.1 25.7

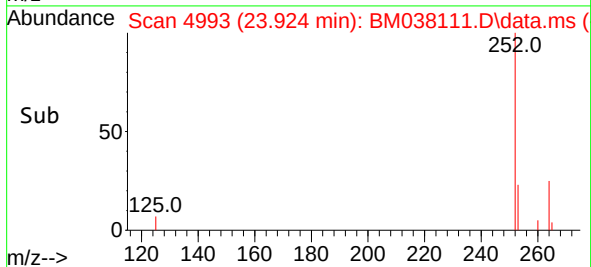
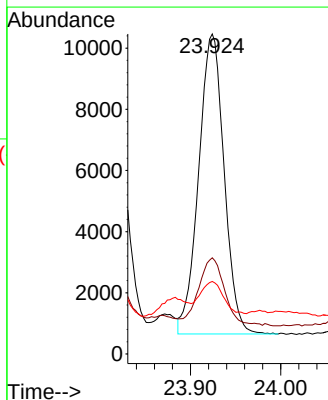
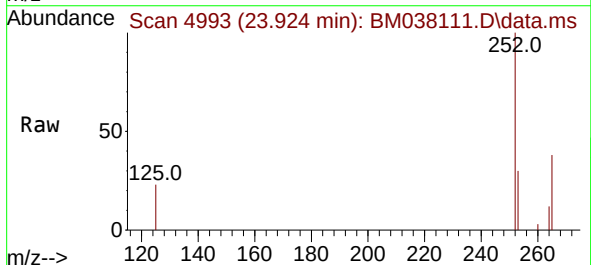
Manual Integrations
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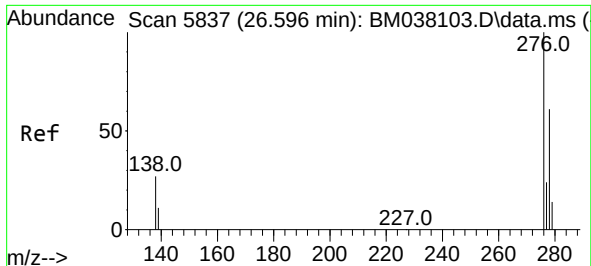
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

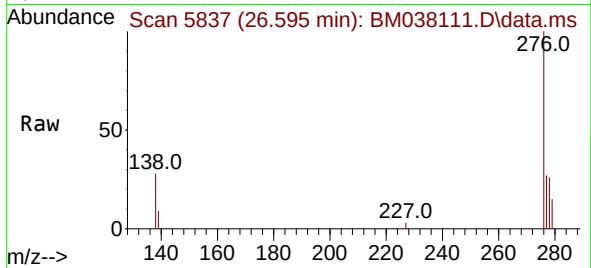
Tgt Ion:252 Resp: 19224
Ion Ratio Lower Upper
252 100
253 30.0 21.9 32.9
125 22.6 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

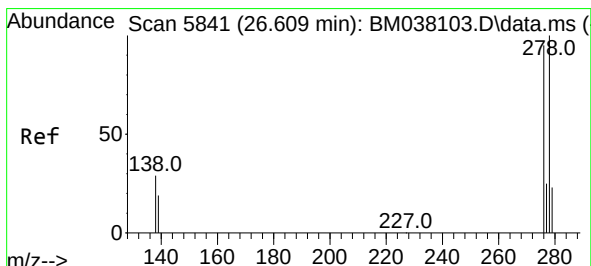
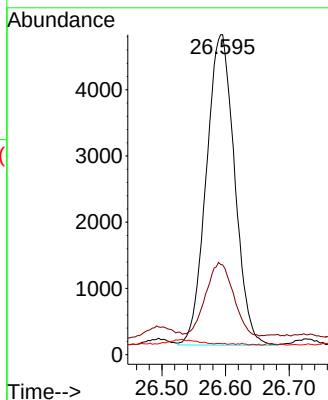
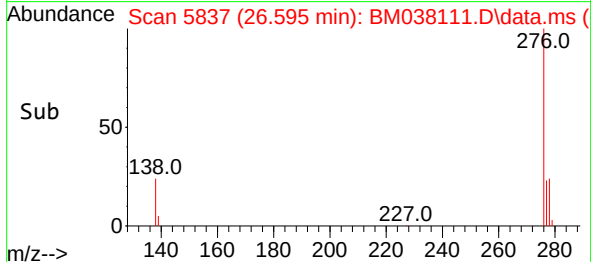
Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



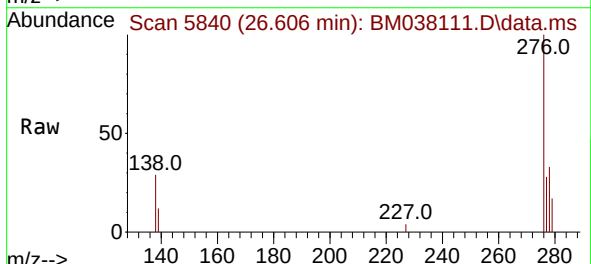
Tgt Ion: 276 Resp: 14500
Ion Ratio Lower Upper
276 100
138 24.9 26.6 40.0#
227 0.2 0.1 0.1#

Manual Integrations
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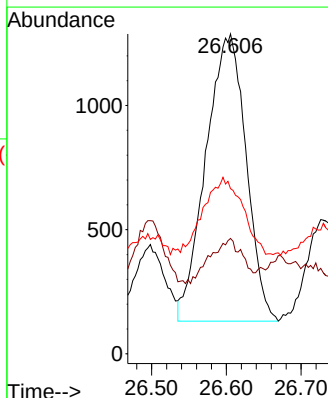
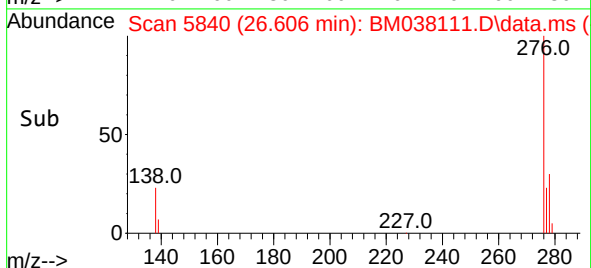
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

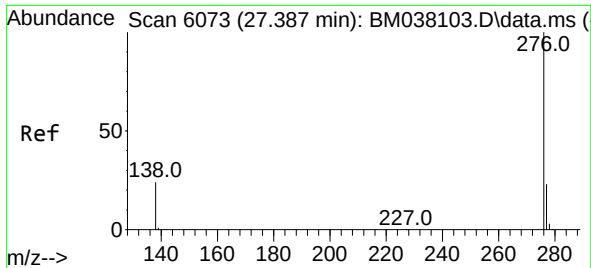


#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.010 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23



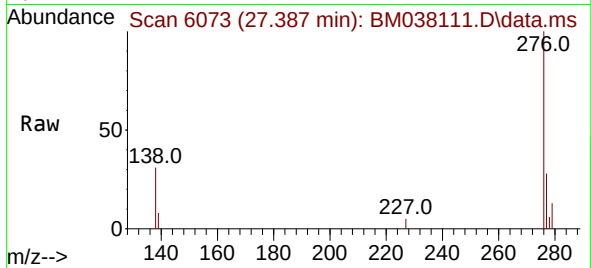
Tgt Ion: 278 Resp: 4315
Ion Ratio Lower Upper
278 100
139 36.1 19.0 28.6#
279 51.6 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.200 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038111.D
Acq: 19 Dec 2022 20:23

Instrument :
BNA_M
ClientSampleId :
DBXZ5DL



Tgt Ion:276 Resp: 10030
Ion Ratio Lower Upper
276 100
138 30.9 24.1 36.1
277 27.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

