

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038260.D
 Acq On : 24 Dec 2022 08:21
 Operator : CG/JU
 Sample : N6015-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:54:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15394	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	10105	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	10343	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	22337	4.999	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	6427	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	12516	0.330	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	54857	1.429	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	11290	0.473	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	6345	0.260	ng/ul	100
10) Acenaphthylene	14.379	152	86717	2.054	ng/ul	100
11) Acenaphthene	14.722	153	9016	0.299	ng/ul	99
12) Fluorene	15.702	166	16363	0.501	ng/ul	99
14) Pentachlorophenol	17.050	266	255	0.033	ng/ul	93
15) Phenanthrene	17.438	178	274429	5.327	ng/ul	99
16) Anthracene	17.531	178	74463	1.505	ng/ul	99
19) Fluoranthene	19.450	202	703993	12.716	ng/ul	96
20) Pyrene	19.812	202	539743	9.648	ng/ul	96
21) Benzo(a)anthracene	21.550	228	347510	7.840	ng/ul	97
22) Chrysene	21.606	228	335980	7.788	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	491761	10.741	ng/ul	87
25) Benzo(k)fluoranthene	23.313	252	140561m	3.196	ng/ul	
26) Benzo(a)pyrene	23.909	252	306456	7.672	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.569	276	234497	4.233	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.575	278	56580	1.315	ng/ul	98
29) Benzo(g,h,i)perylene	27.367	276	227605	4.882	ng/ul	94

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

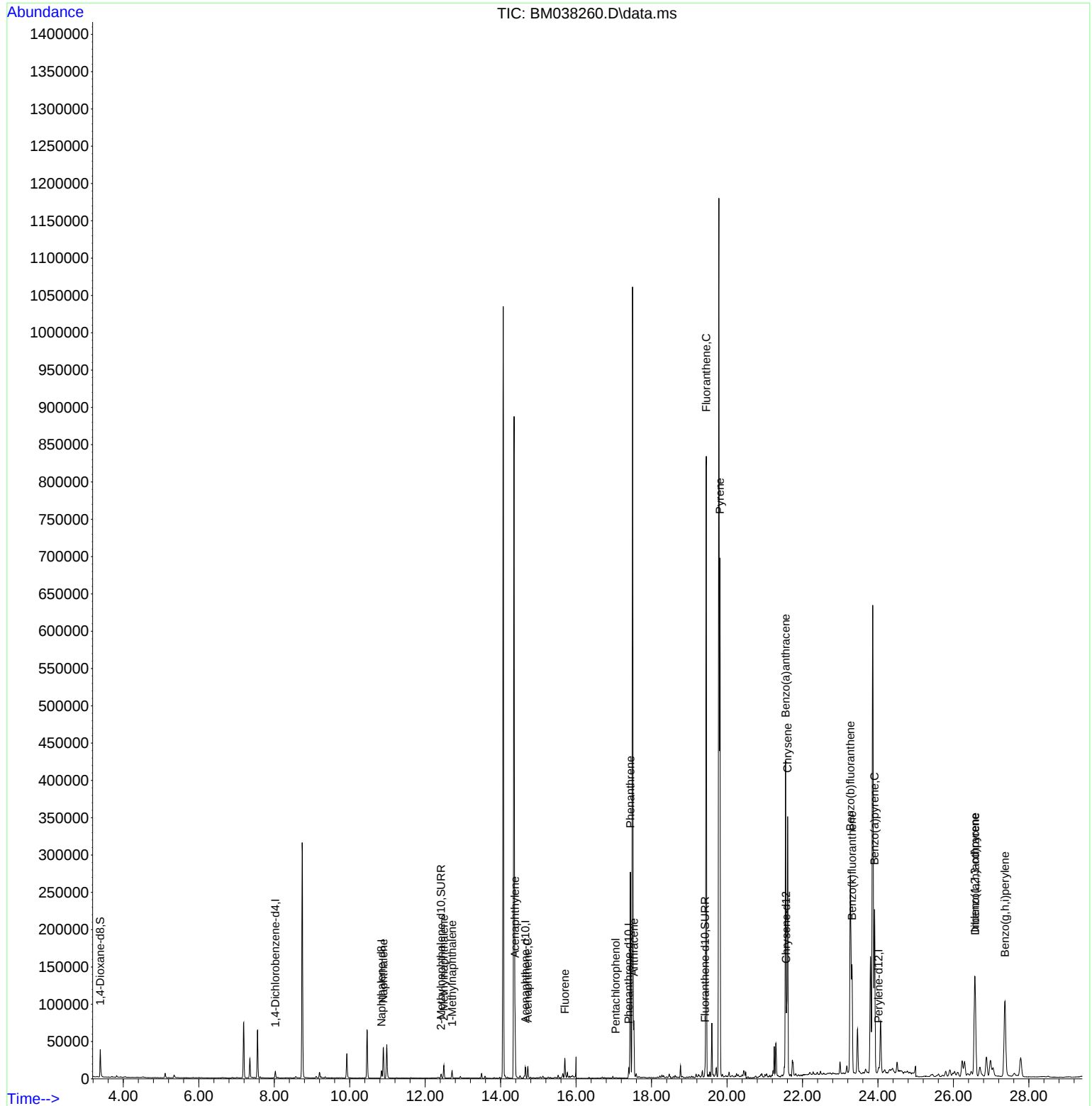
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038260.D
Acq On : 24 Dec 2022 08:21
Operator : CG/JU
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ALS Vial : 68 Sample Multiplier: 1

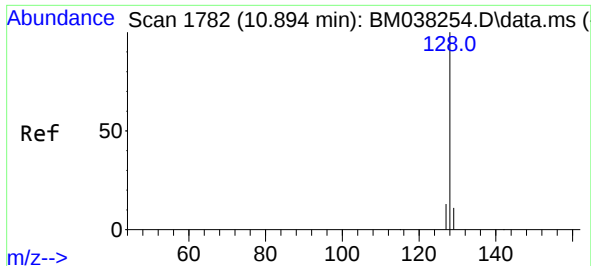
Instrument :
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Supervised By :Yogesh Patel 12/25/2022

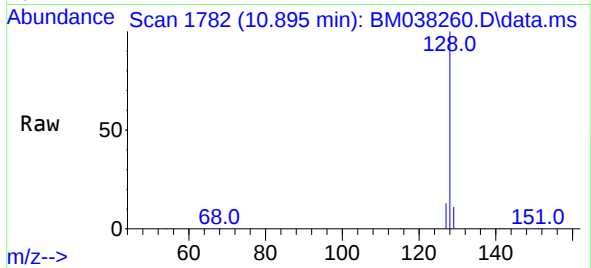
Quant Time: Dec 25 02:54:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.429 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

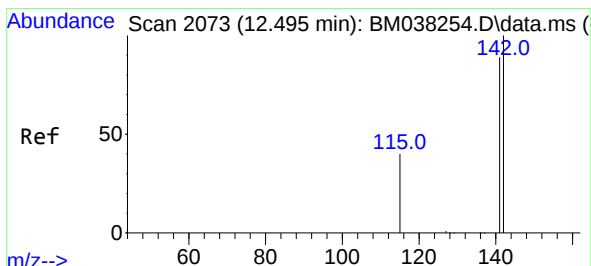
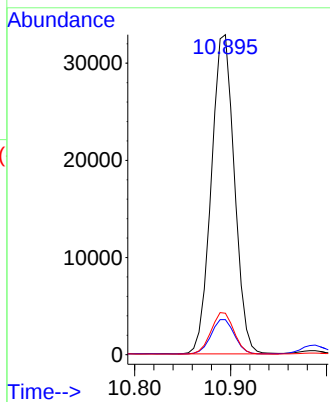
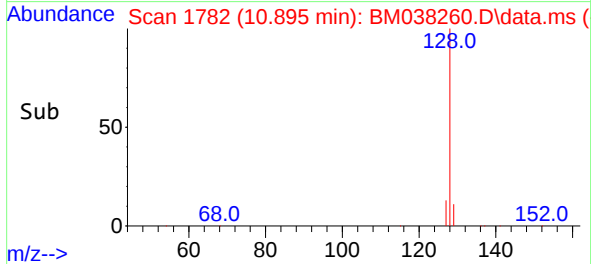
Instrument :
BNA_M
ClientSampleId :
DBXY5



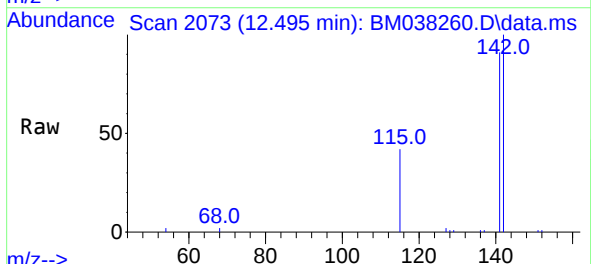
Tgt Ion:128 Resp: 5485
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.7 16.1

Manual Integrations
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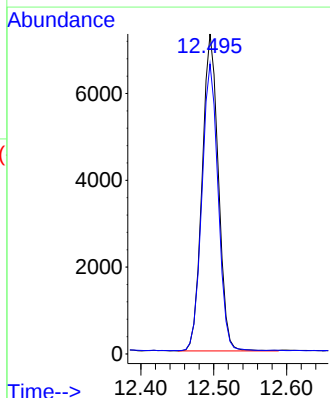
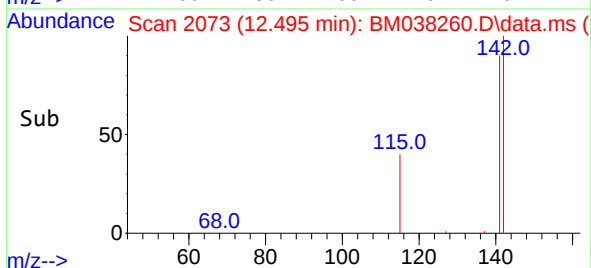
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

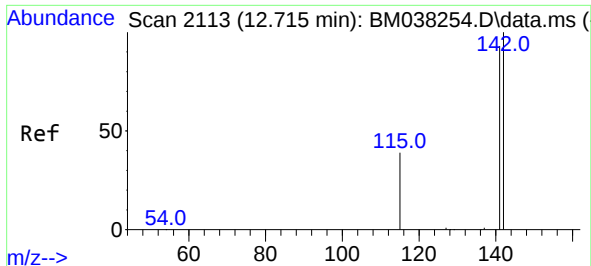


#7
2-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



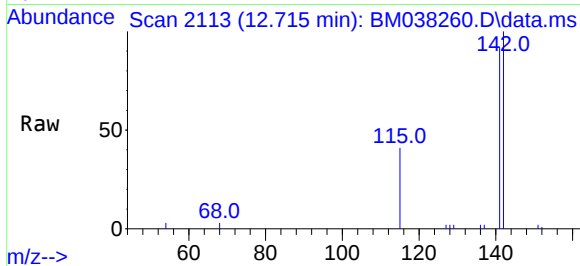
Tgt Ion:142 Resp: 11290
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

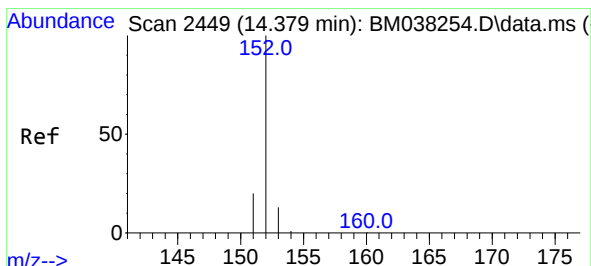
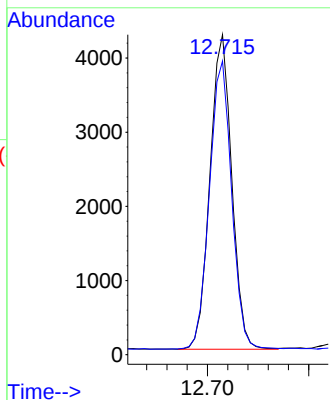
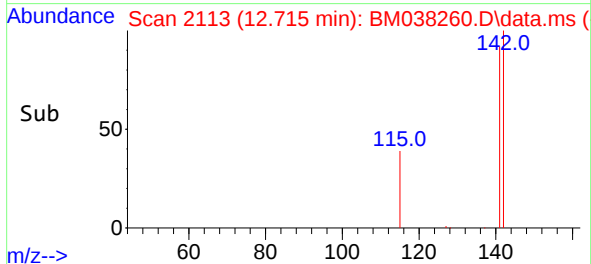
Instrument :
BNA_M
ClientSampleId :
DBXY5



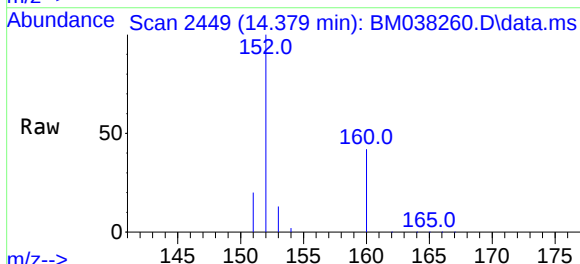
Tgt Ion:142 Resp: 6345
Ion Ratio Lower Upper
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141 93.2 74.7 112.1

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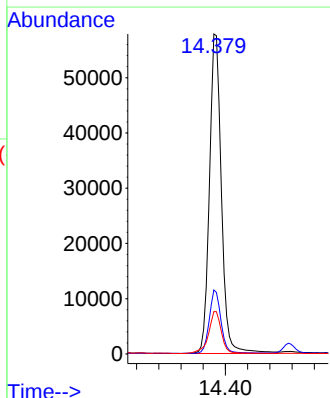
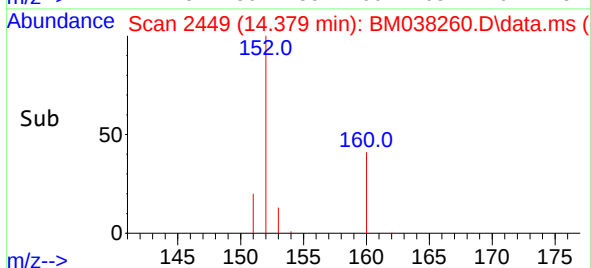
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

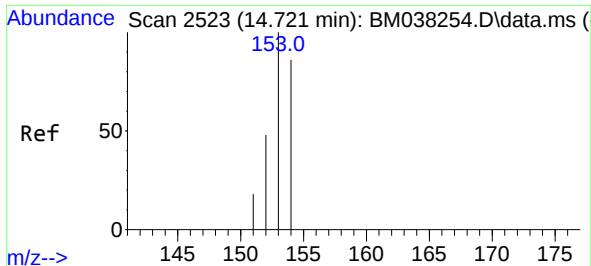


#10
Acenaphthylene
Concen: 2.054 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



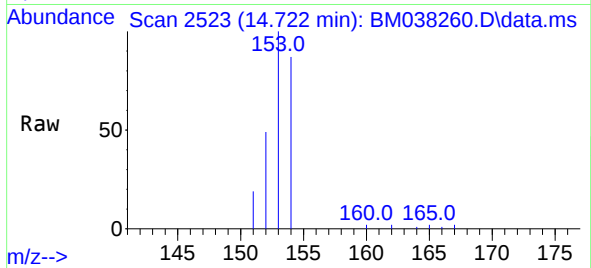
Tgt Ion:152 Resp: 86717
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.7 16.1





#11
Acenaphthene
Concen: 0.299 ng/u1
RT: 14.722 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

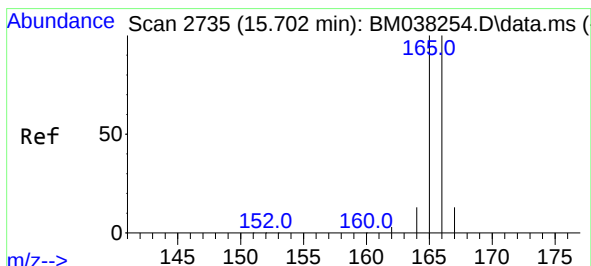
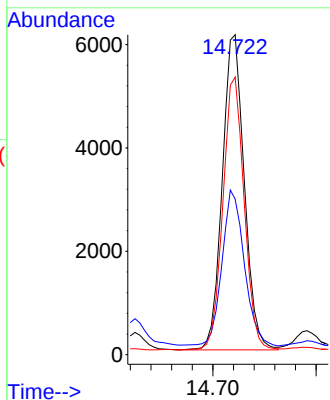
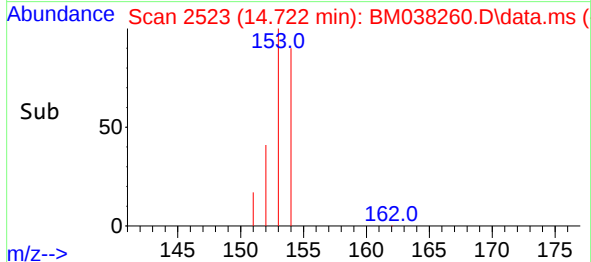
Instrument :
BNA_M
ClientSampleId :
DBXY5



Tgt Ion:153 Resp: 9010
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.0
154 86.7 69.0 103.4

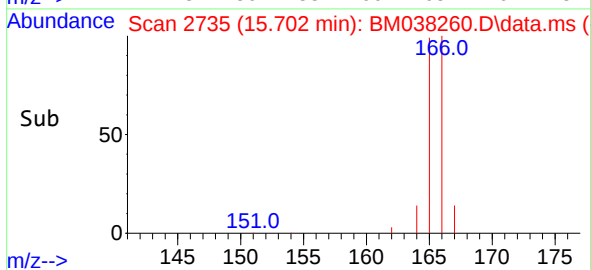
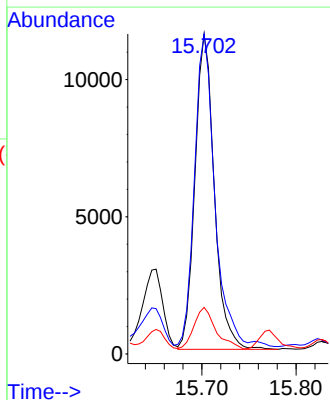
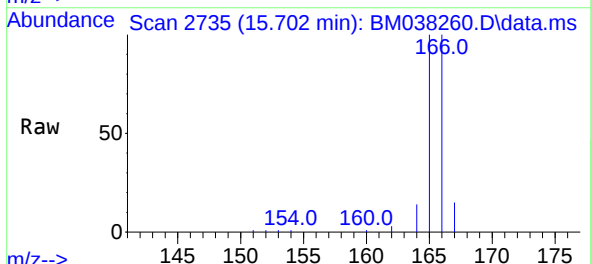
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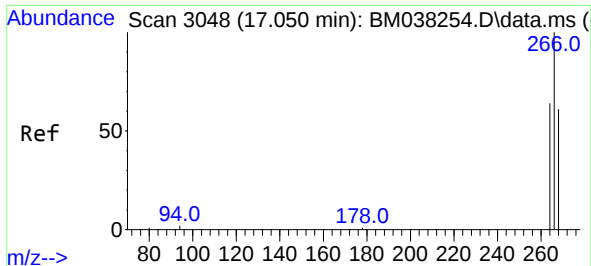
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#12
Fluorene
Concen: 0.501 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

Tgt Ion:166 Resp: 16363
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 14.6 11.0 16.6





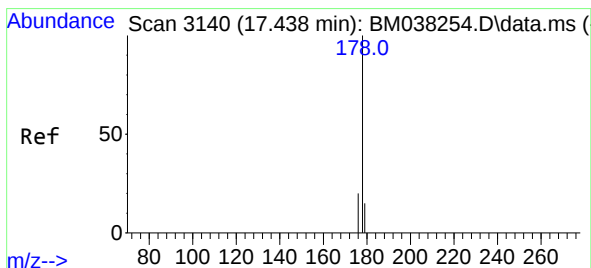
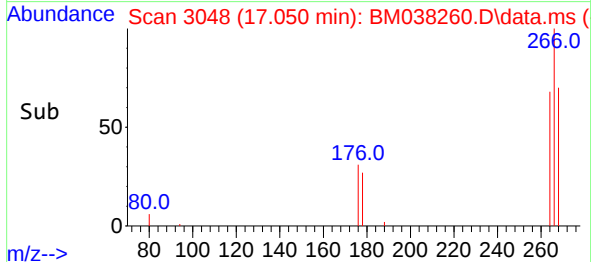
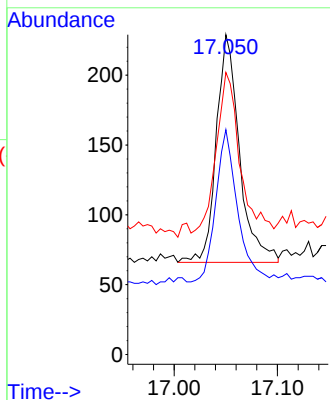
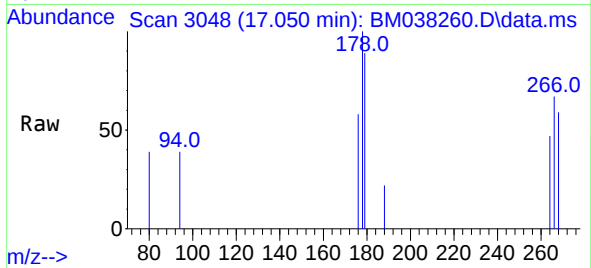
#14
Pentachlorophenol
Concen: 0.033 ng/u1
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

Instrument :
BNA_M
ClientSampleId :
DBXY5

Tgt Ion:266 Resp: 255
Ion Ratio Lower Upper
266 100
264 65.9 49.9 74.9
268 71.8 51.2 76.8

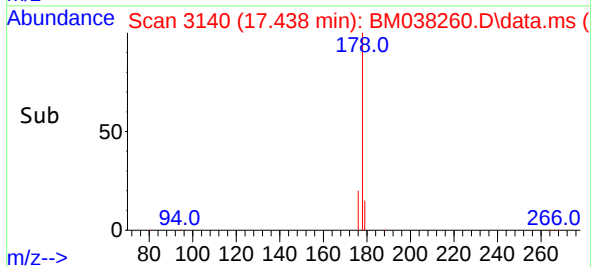
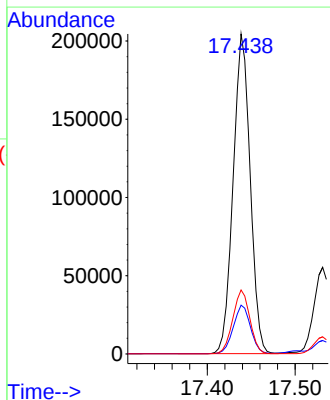
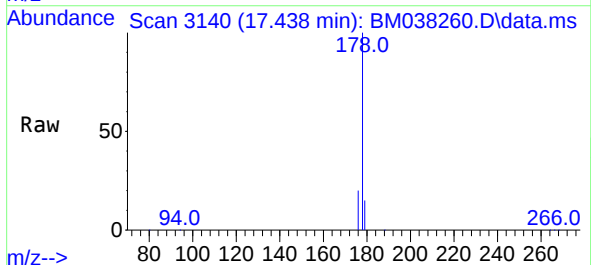
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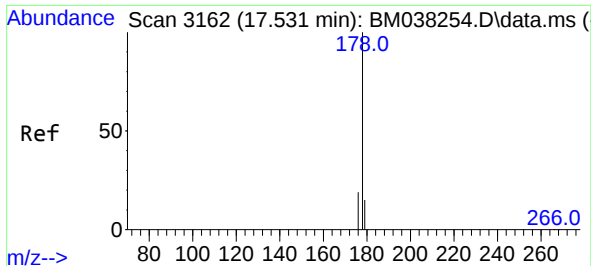
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 5.327 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

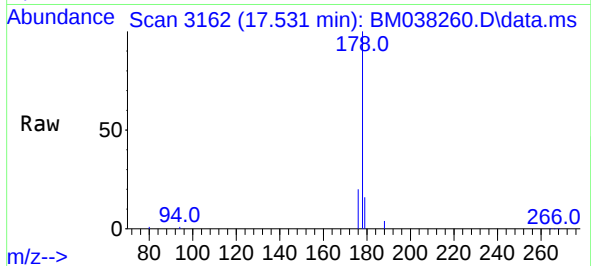
Tgt Ion:178 Resp: 274429
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.4
176 20.0 16.2 24.4





#16
 Anthracene
 Concen: 1.505 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038260.D
 Acq: 24 Dec 2022 08:21

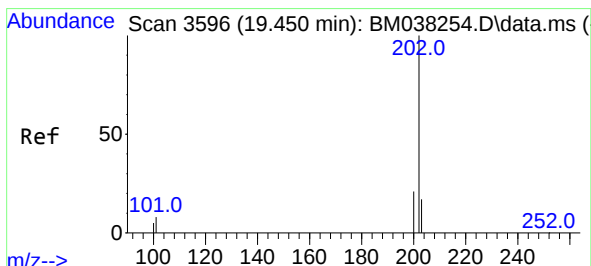
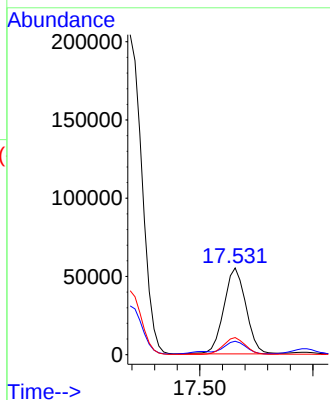
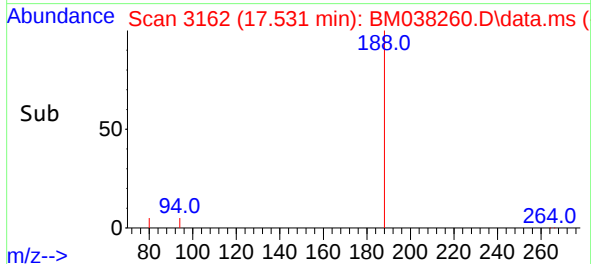
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 DBXY5



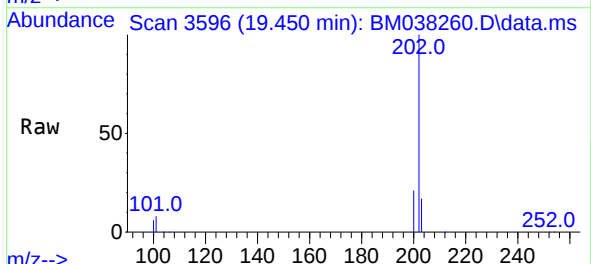
Tgt Ion:178 Resp: 7446
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.7 15.6 23.4

Manual Integrations
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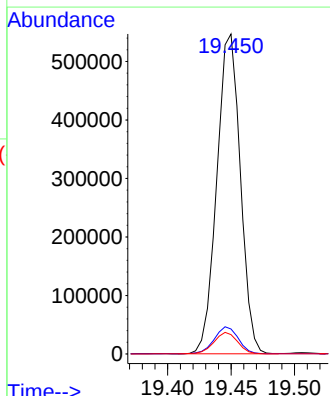
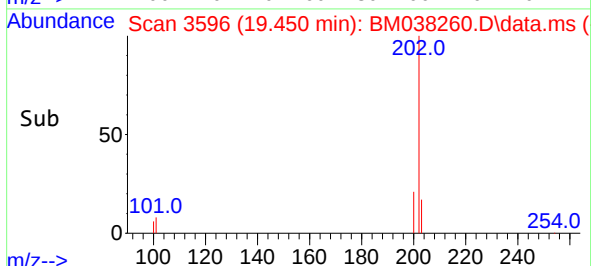
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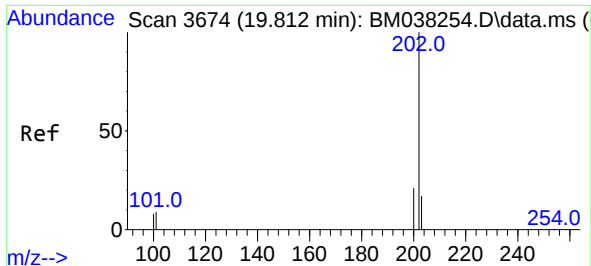


#19
 Fluoranthene
 Concen: 12.716 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: BM038260.D
 Acq: 24 Dec 2022 08:21



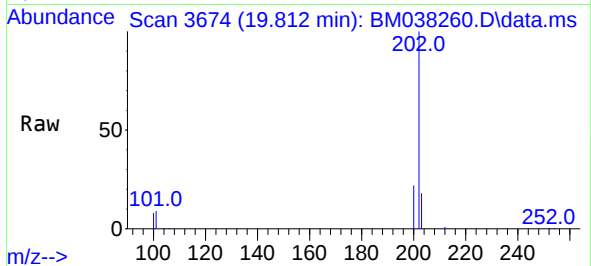
Tgt Ion:202 Resp: 703993
 Ion Ratio Lower Upper
 202 100
 101 7.8 7.5 11.3
 100 6.0 5.6 8.4





#20
Pyrene
Concen: 9.648 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

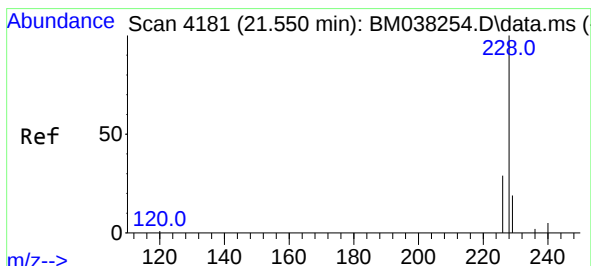
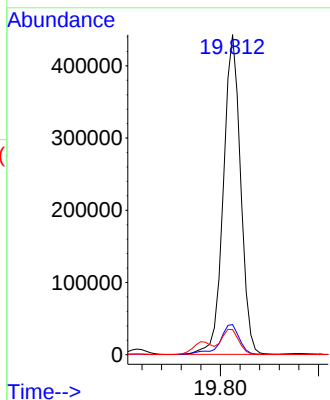
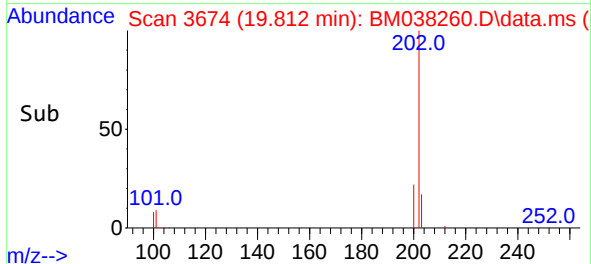
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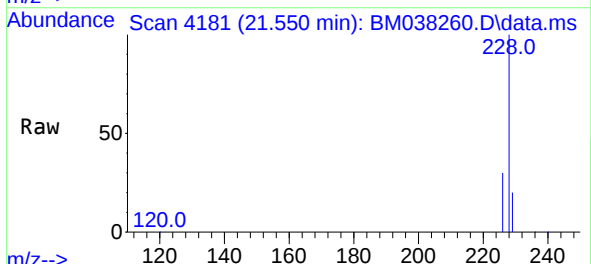
Tgt Ion:202 Resp: 53974
Ion Ratio Lower Upper
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101 9.4 8.9 13.3
100 7.9 7.4 11.0

Manual Integrations
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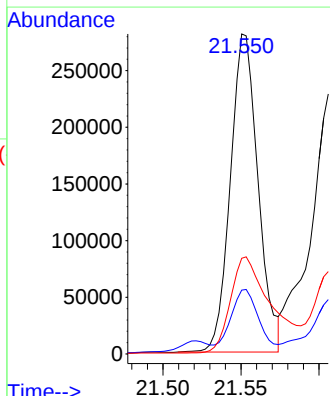
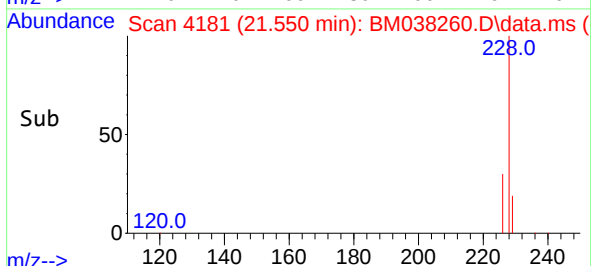
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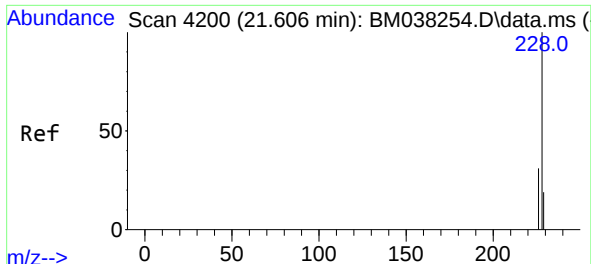


#21
Benzo(a)anthracene
Concen: 7.840 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



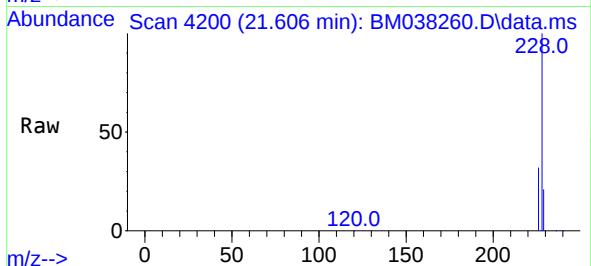
Tgt Ion:228 Resp: 347510
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 29.9 22.2 33.2





#22
Chrysene
Concen: 7.788 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

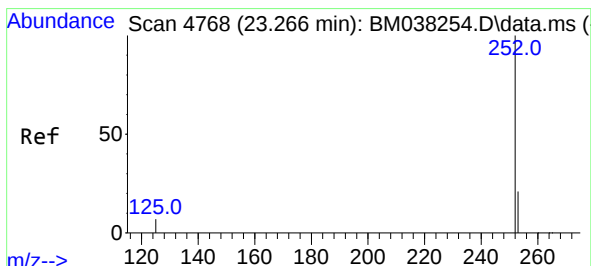
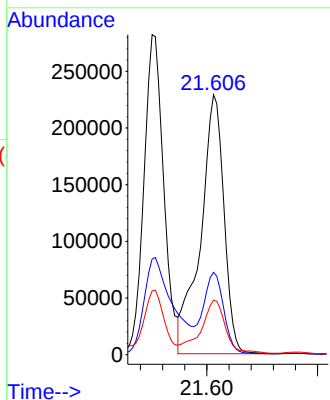
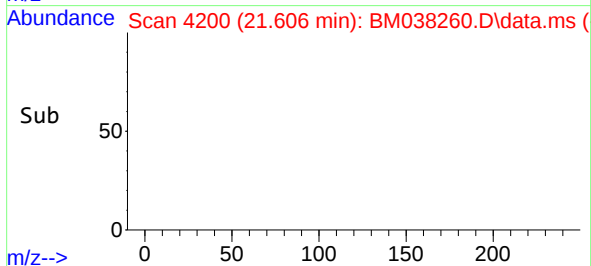
Instrument :
BNA_M
ClientSampleId :
DBXY5



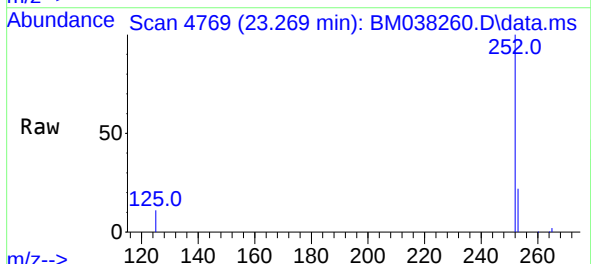
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Ion Ratio Lower Upper
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226 31.7 25.0 37.4
229 21.0 16.0 24.0

Manual Integrations
APPROVED

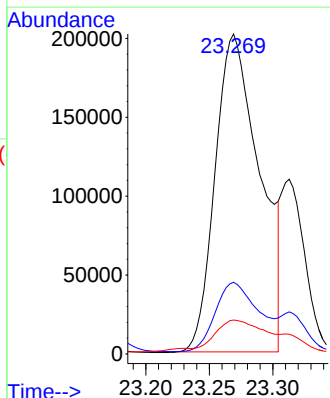
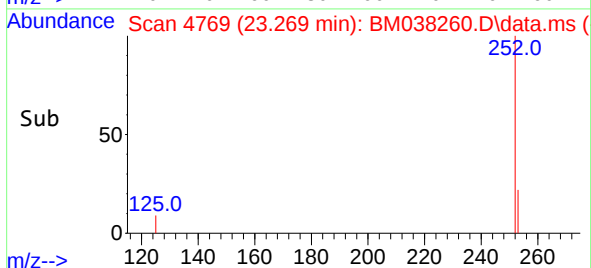
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

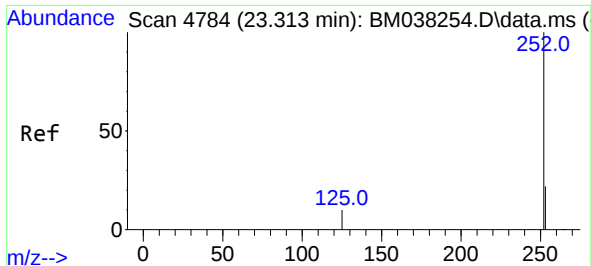


#24
Benzo(b)fluoranthene
Concen: 10.741 ng/u1
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



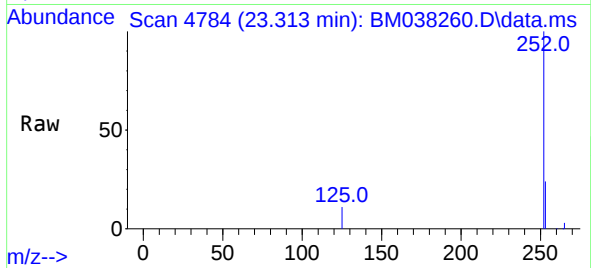
Tgt Ion:252 Resp: 491761
Ion Ratio Lower Upper
252 100
253 22.4 0.0 56.0
125 10.6 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 3.196 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

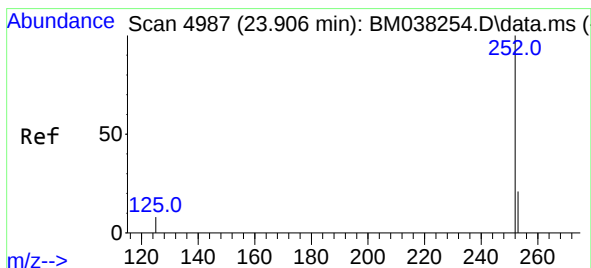
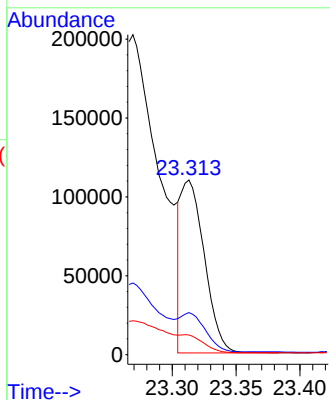
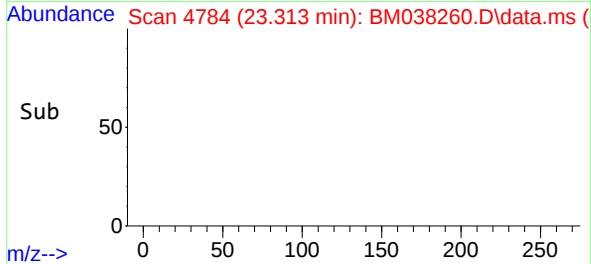
Instrument :
BNA_M
ClientSampleId :
DBXY5



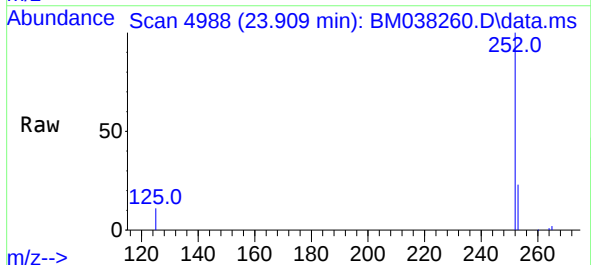
Tgt Ion:252 Resp: 14056
Ion Ratio Lower Upper
252 100
253 24.1 22.5 33.7
125 11.3 14.4 21.6

Manual Integrations
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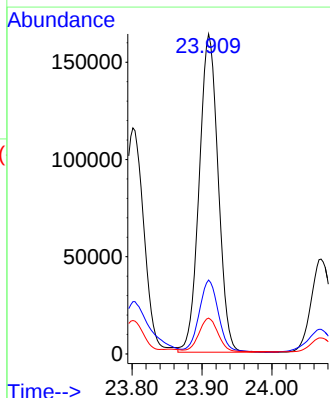
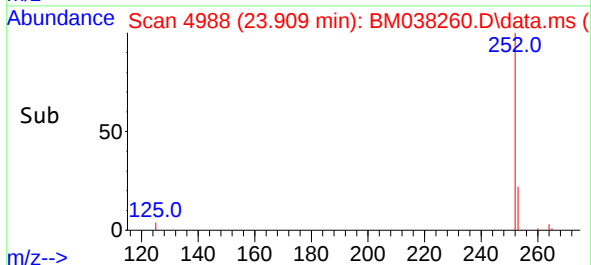
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

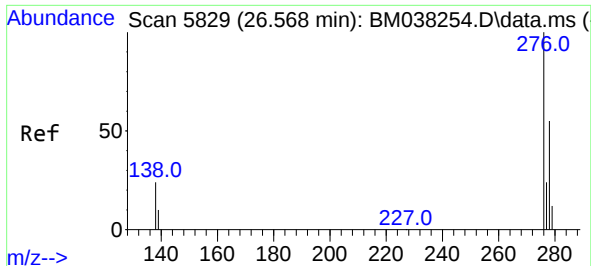


#26
Benzo(a)pyrene
Concen: 7.672 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



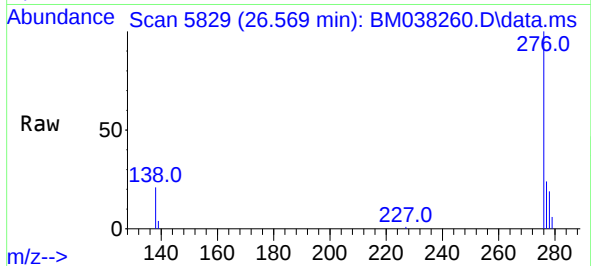
Tgt Ion:252 Resp: 306456
Ion Ratio Lower Upper
252 100
253 23.1 24.2 36.4#
125 11.2 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.233 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21

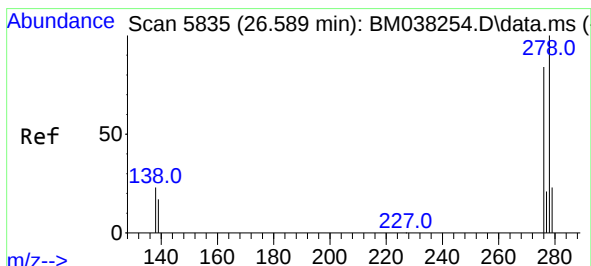
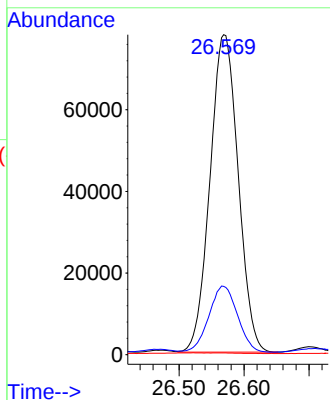
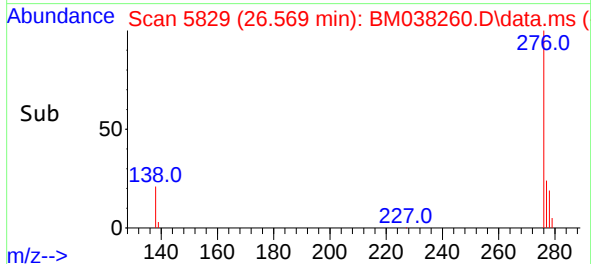
Instrument :
BNA_M
ClientSampleId :
DBXY5



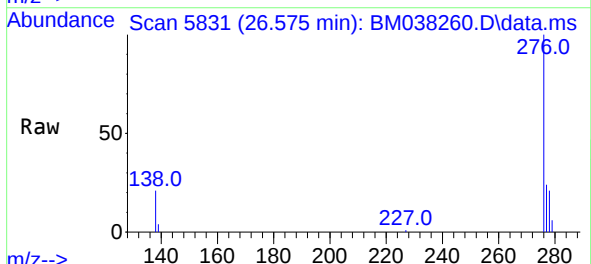
Tgt Ion:276 Resp: 23449
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

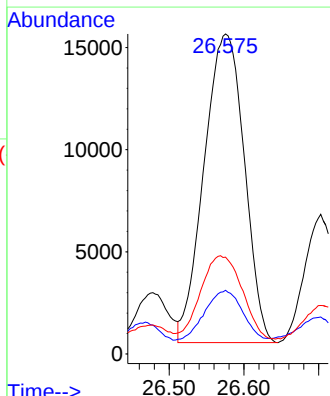
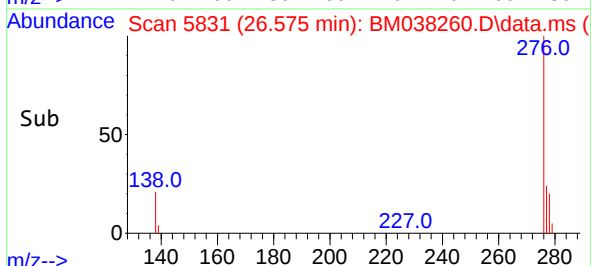
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

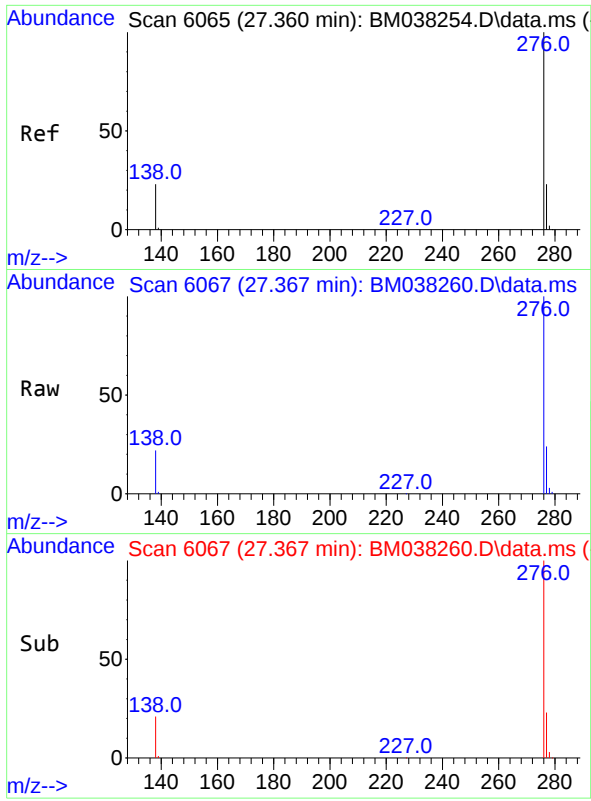


#28
Dibenzo(a,h)anthracene
Concen: 1.315 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038260.D
Acq: 24 Dec 2022 08:21



Tgt Ion:278 Resp: 56580
Ion Ratio Lower Upper
278 100
139 19.9 16.8 25.2
279 30.2 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 4.882 ng/ul

RT: 27.367 min Scan# 6067

Delta R.T. 0.007 min

Lab File: BM038260.D

Acq: 24 Dec 2022 08:21

Instrument :
BNA_M
ClientSampleId :
DBXY5

Tgt Ion:276 Resp: 227609

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.8	31.2
277	23.7	20.5	30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

