

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038293.D
 Acq On : 25 Dec 2022 05:17
 Operator : CG/JU
 Sample : N6016-16
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:53:50 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	8.026	152	3948	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	11600	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	6709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	12883	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	9262	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8273	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	11733	2.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3590	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	7177	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	5258	0.155	ng/ul	96
7) 2-Methylnaphthalene	12.489	142	977	0.046	ng/ul	97
8) 1-Methylnaphthalene	12.709	142	672	0.031	ng/ul	94
10) Acenaphthylene	14.379	152	1335	0.036	ng/ul#	81
11) Acenaphthene	14.717	153	8901	0.337	ng/ul	100
12) Fluorene	15.698	166	14994	0.523	ng/ul	98
14) Pentachlorophenol	17.050	266	146	0.023	ng/ul	89
15) Phenanthrene	17.434	178	195706	4.539	ng/ul	99
16) Anthracene	17.527	178	44899	1.084	ng/ul	99
19) Fluoranthene	19.445	202	311080	6.130	ng/ul	97
20) Pyrene	19.808	202	259366m	5.058	ng/ul	
21) Benzo(a)anthracene	21.547	228	161077	3.965	ng/ul	99
22) Chrysene	21.600	228	161831	4.093	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	237089	6.474	ng/ul	87
25) Benzo(k)fluoranthene	23.307	252	71064m	2.020	ng/ul	
26) Benzo(a)pyrene	23.901	252	160835	5.034	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.562	276	124479	2.809	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.565	278	26285	0.763	ng/ul	99
29) Benzo(g,h,i)perylene	27.353	276	122044	3.273	ng/ul	94

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

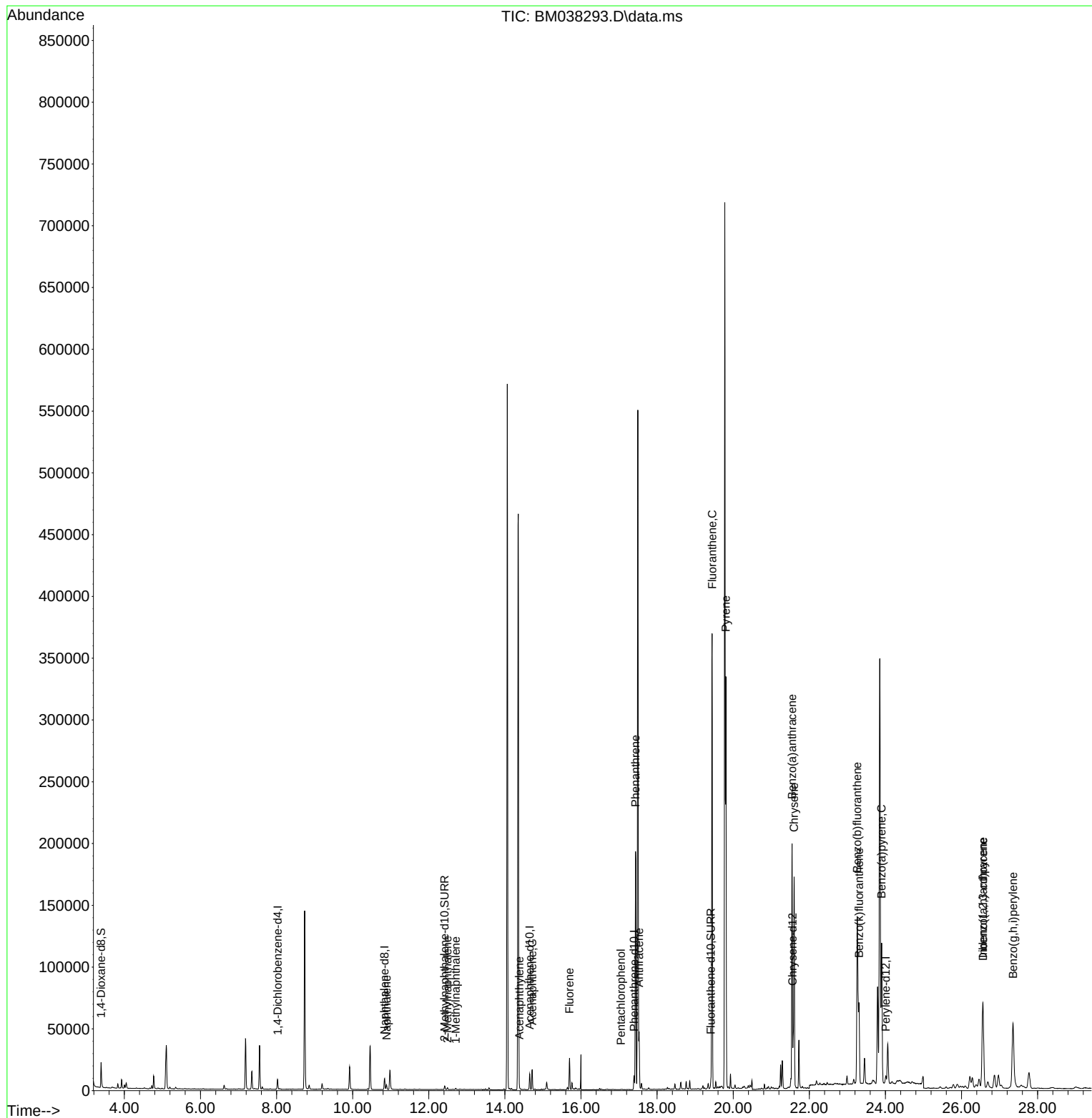
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038293.D
Acq On : 25 Dec 2022 05:17
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ALS Vial : 102 Sample Multiplier: 1

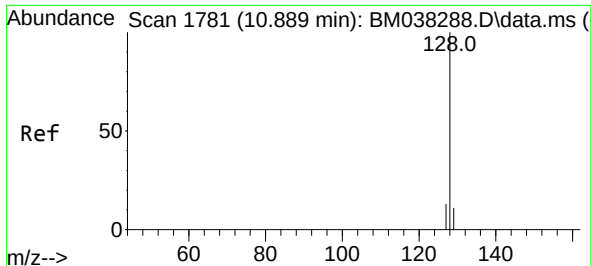
Instrument :
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ClientSampleId :
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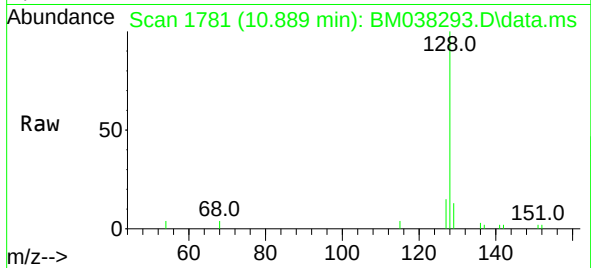
Quant Time: Dec 25 23:53:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

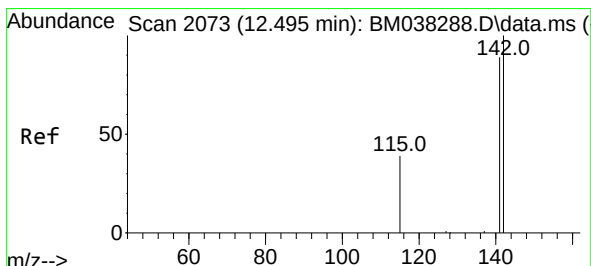
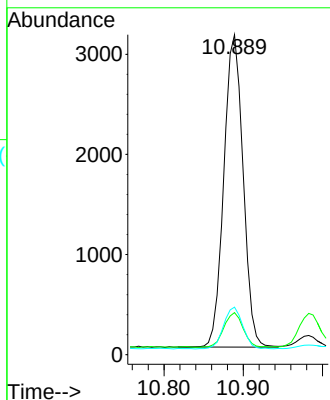
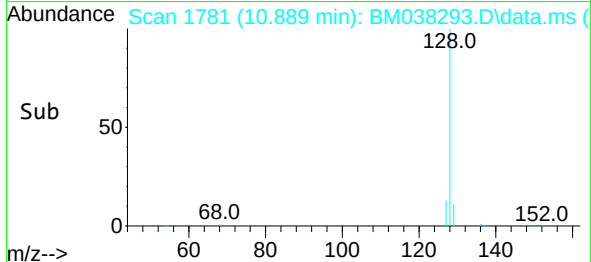
Instrument :
BNA_M
ClientSampleId :
DBYD8



Tgt Ion:128 Resp: 525
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 14.8 10.7 16.1

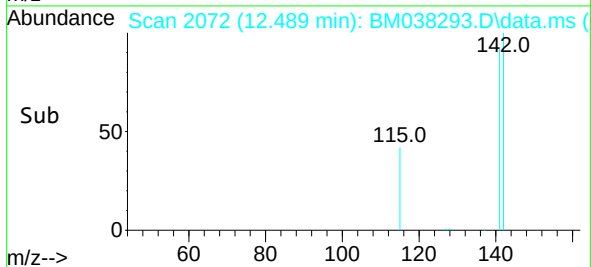
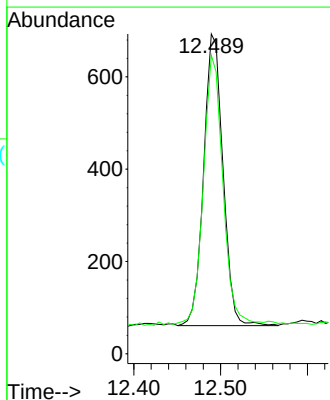
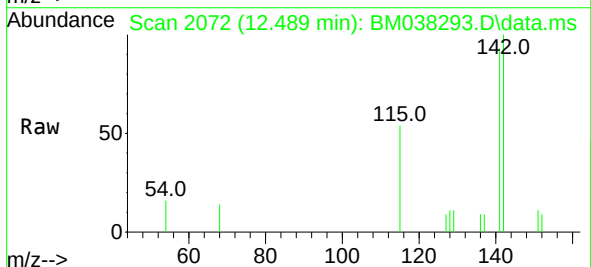
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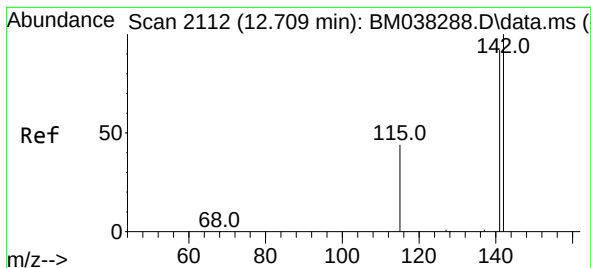
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

Tgt Ion:142 Resp: 977
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.709 min Scan# 2112

Delta R.T. -0.005 min

Lab File: BM038293.D

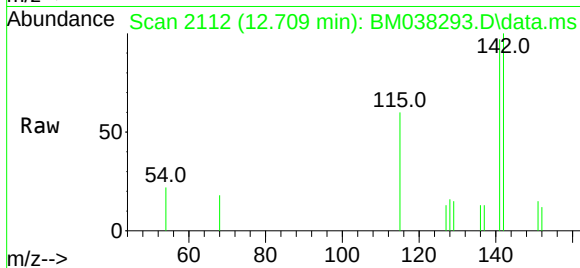
Acq: 25 Dec 2022 05:17

Instrument :

BNA_M

ClientSampleId :

DBYD8



Tgt Ion:142 Resp: 672

Ion Ratio Lower Upper

142 100

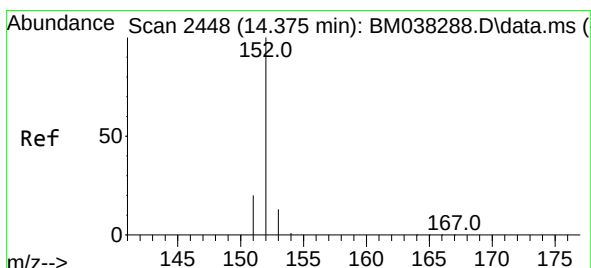
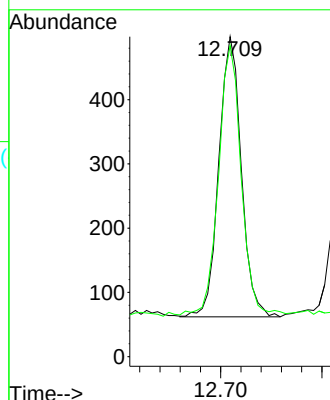
141 99.1 74.7 112.1

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#10

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.379 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BM038293.D

Acq: 25 Dec 2022 05:17

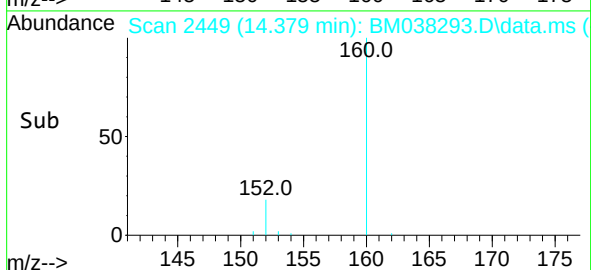
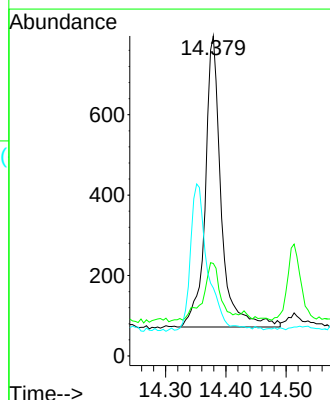
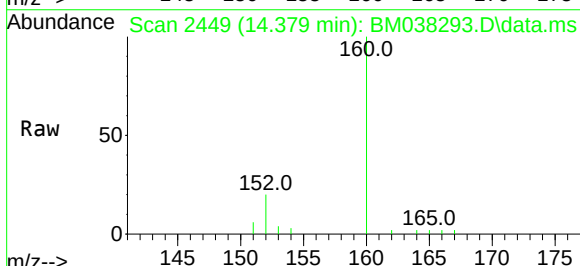
Tgt Ion:152 Resp: 1335

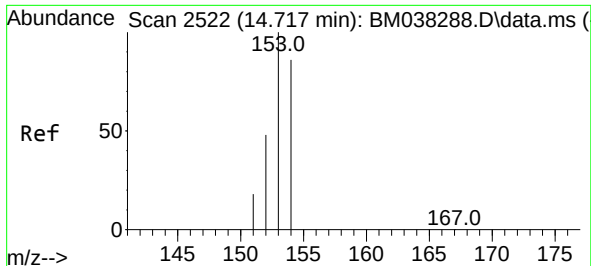
Ion Ratio Lower Upper

152 100

151 28.9 16.2 24.2#

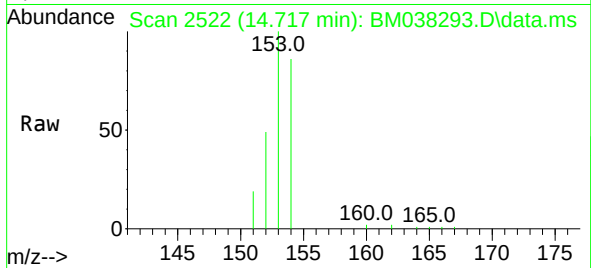
153 21.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.717 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

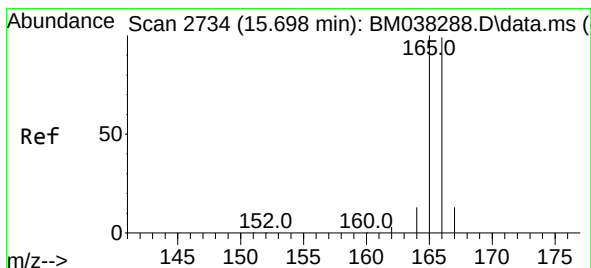
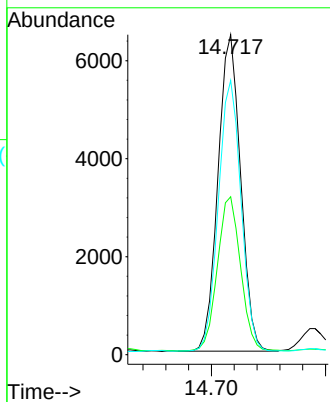
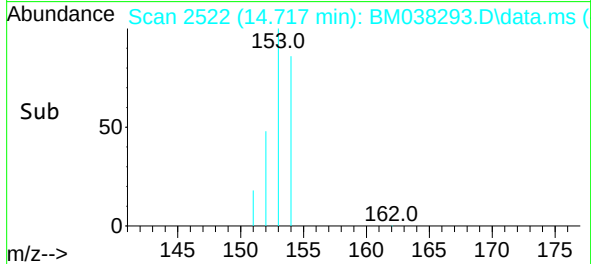
Instrument :
BNA_M
ClientSampleId :
DBYD8



Tgt Ion:153 Resp: 890
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 85.7 69.0 103.4

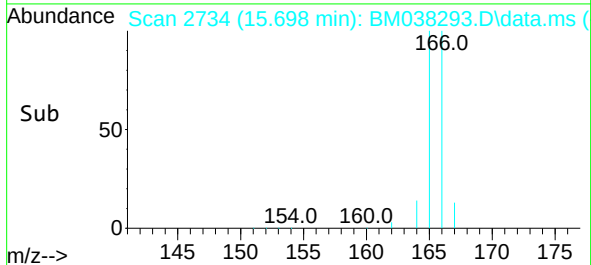
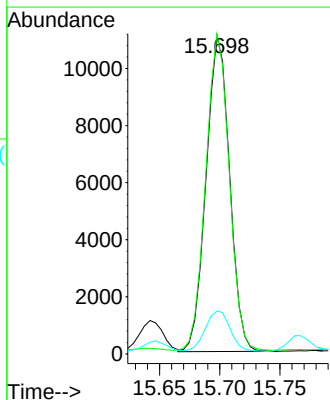
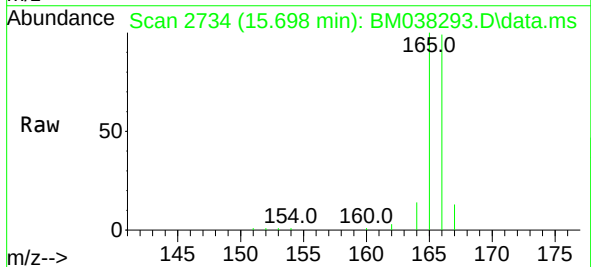
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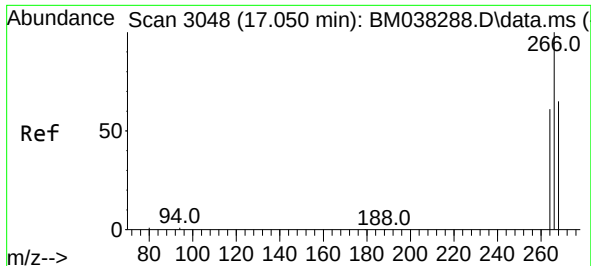
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#12
Fluorene
Concen: 0.523 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

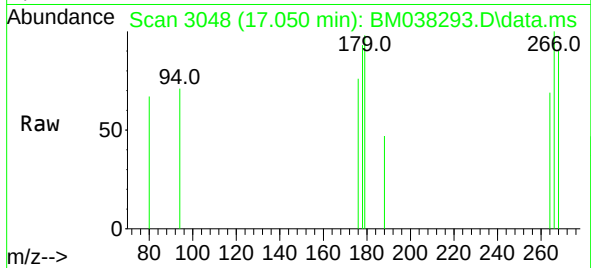
Tgt Ion:166 Resp: 14994
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 13.5 11.0 16.6





#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 17.050 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: BM038293.D
 Acq: 25 Dec 2022 05:17

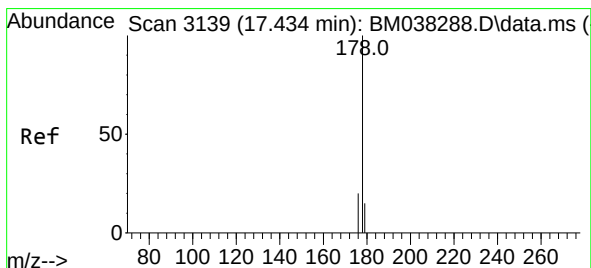
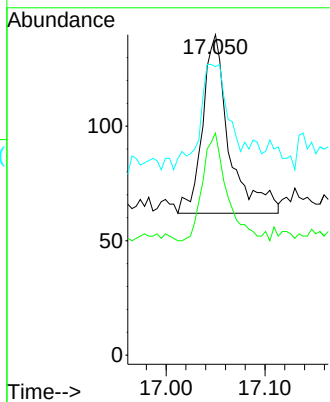
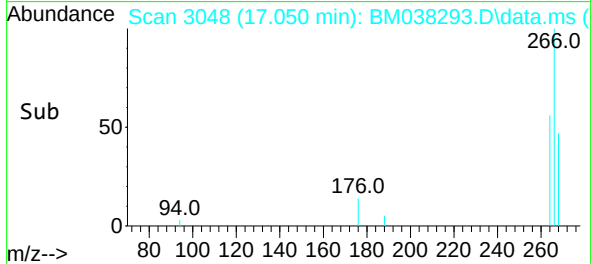
Instrument :
 BNA_M
 ClientSampleId :
 DBYD8



Tgt Ion:266 Resp: 140000
 Ion Ratio Lower Upper
 266 100
 264 54.8 49.9 74.9
 268 73.3 51.2 76.8

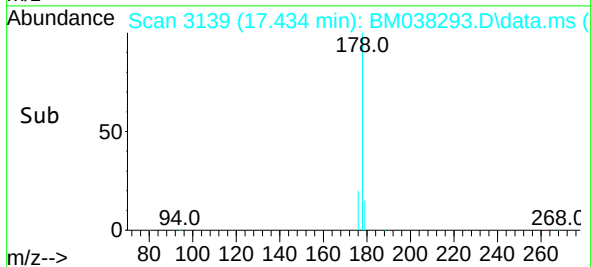
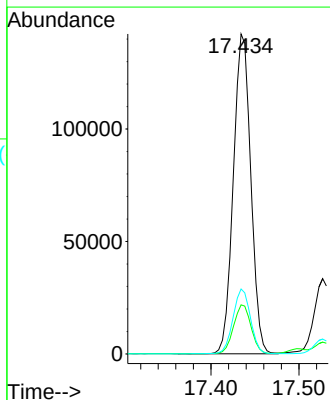
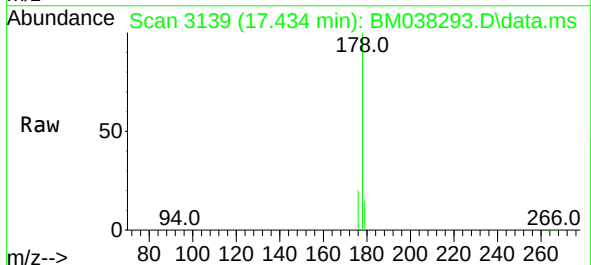
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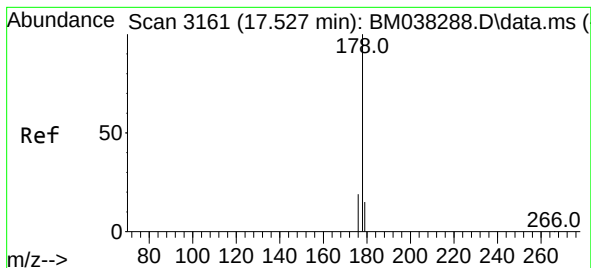
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#15
 Phenanthrene
 Concen: 4.539 ng/ul
 RT: 17.434 min Scan# 3139
 Delta R.T. -0.004 min
 Lab File: BM038293.D
 Acq: 25 Dec 2022 05:17

Tgt Ion:178 Resp: 195706
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.4
 176 20.3 16.2 24.4





#16

Anthracene

Concen: 1.084 ng/ul

RT: 17.527 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BM038293.D

Acq: 25 Dec 2022 05:17

Instrument :

BNA_M

ClientSampleId :

DBYD8

Tgt Ion:178 Resp: 4489

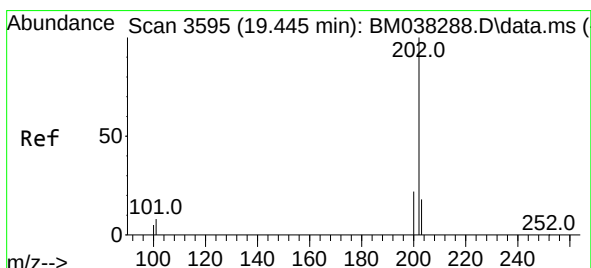
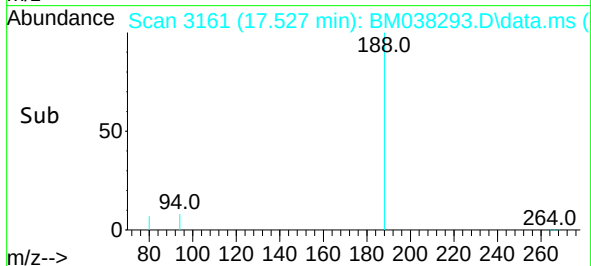
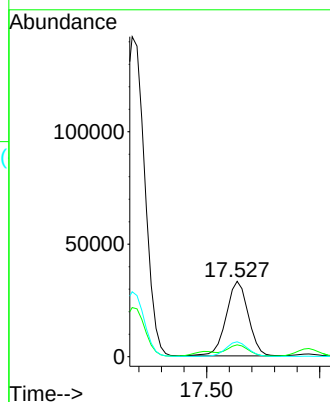
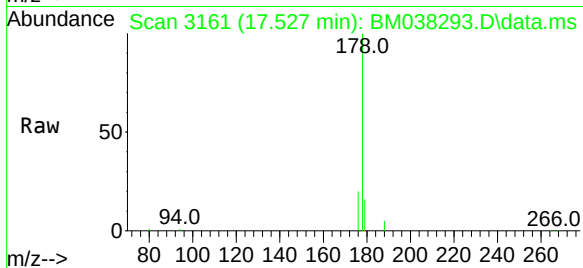
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.8	15.6	23.4

Manual Integrations

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#19

Fluoranthene

Concen: 6.130 ng/ul

RT: 19.445 min Scan# 3595

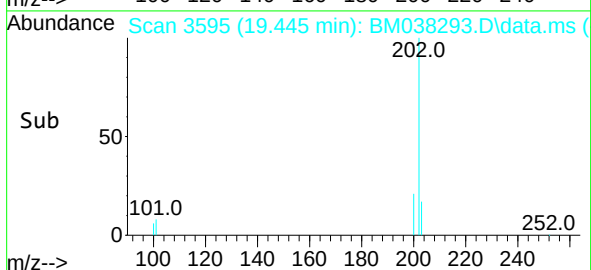
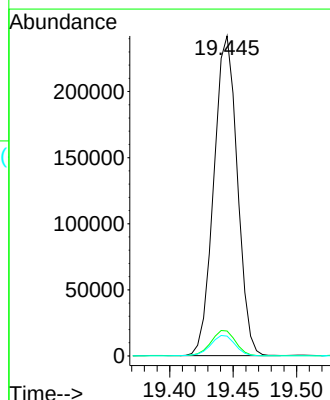
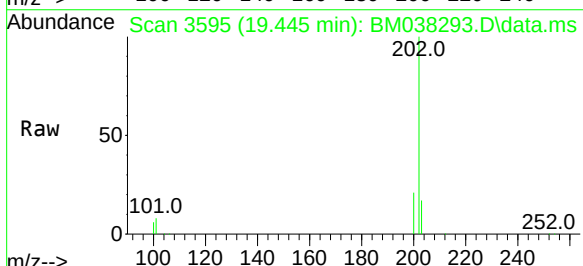
Delta R.T. -0.005 min

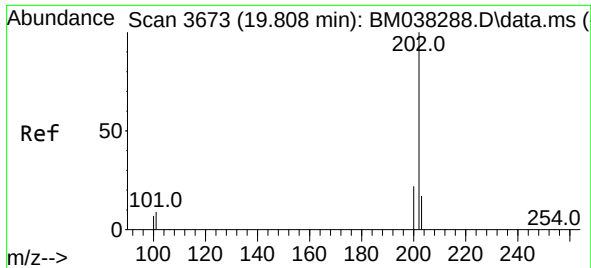
Lab File: BM038293.D

Acq: 25 Dec 2022 05:17

Tgt Ion:202 Resp: 311080

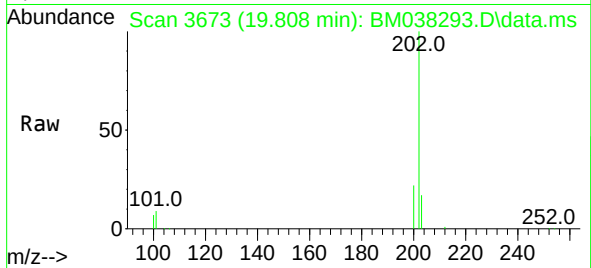
Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.5	11.3
100	6.2	5.6	8.4





#20
Pyrene
Concen: 5.058 ng/ul m
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

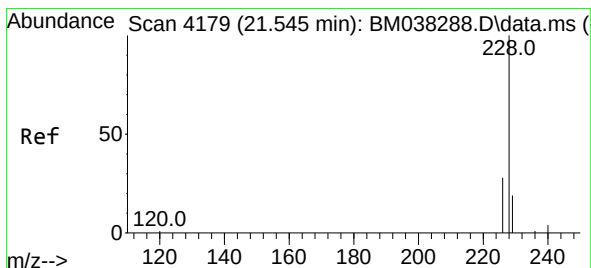
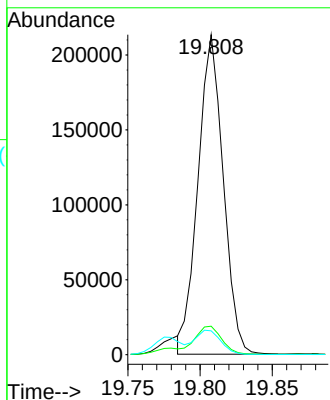
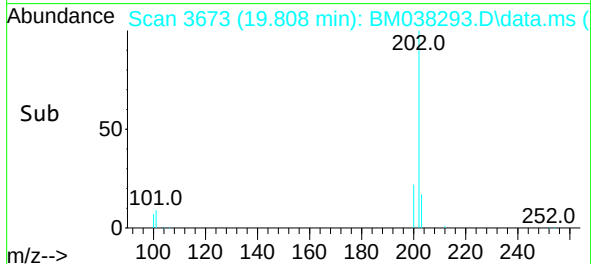
Instrument :
BNA_M
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DBYD8



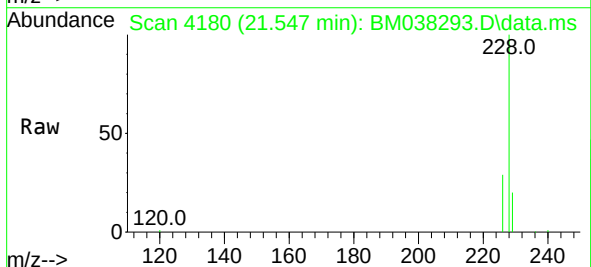
Tgt Ion:202 Resp: 25936
Ion Ratio Lower Upper
202 100
101 8.9 8.9 13.3
100 7.4 7.4 11.0

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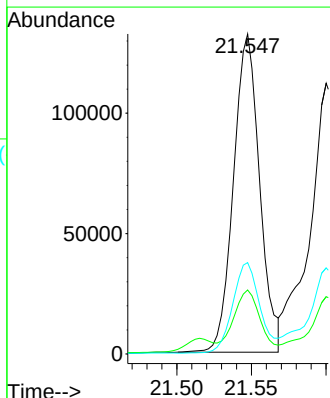
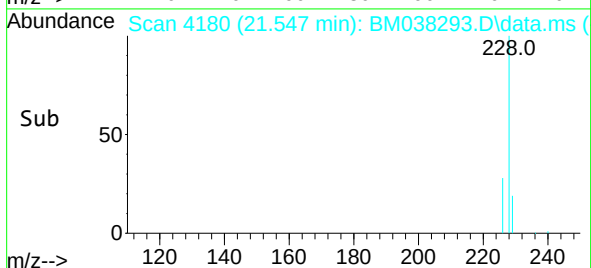
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

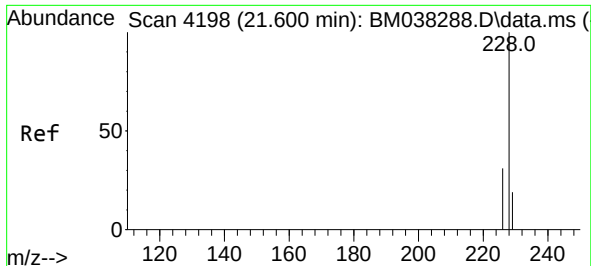


#21
Benzo(a)anthracene
Concen: 3.965 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17



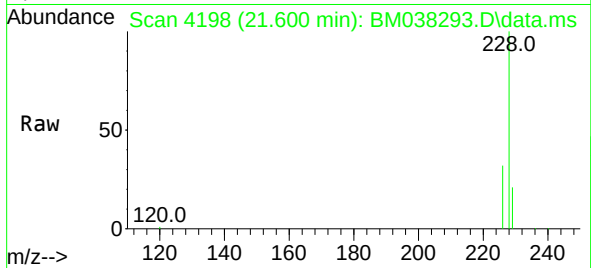
Tgt Ion:228 Resp: 161077
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 28.6 22.2 33.2





#22
Chrysene
Concen: 4.093 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

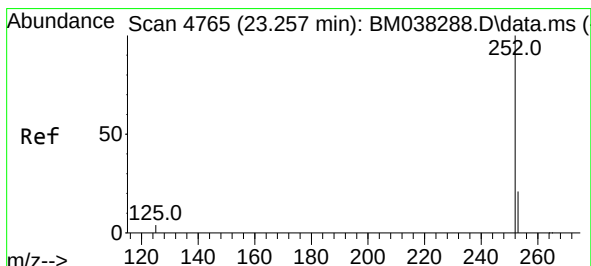
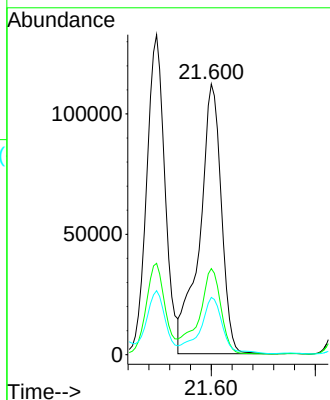
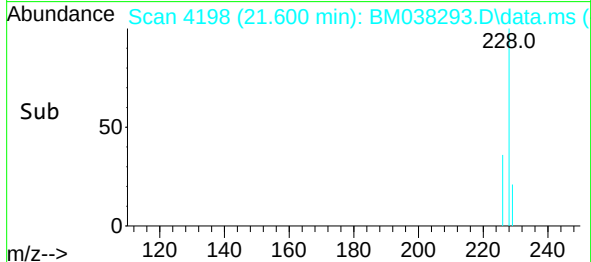
Instrument :
BNA_M
ClientSampleId :
DBYD8



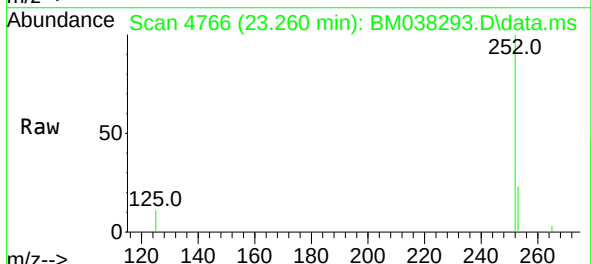
Tgt Ion:228 Resp: 16183
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 21.2 16.0 24.0

Manual Integrations
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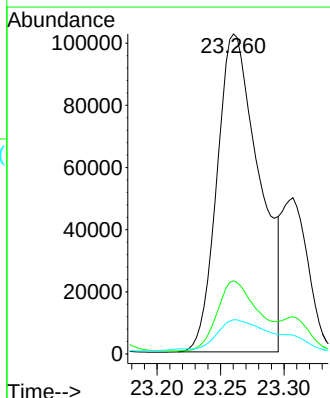
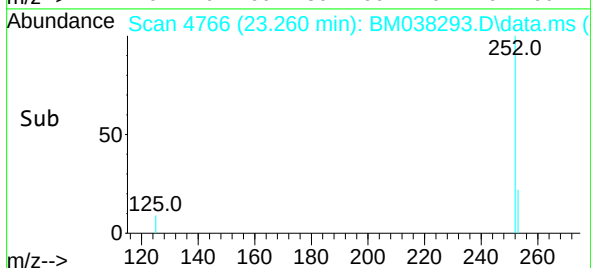
Reviewed By :Yogesh Patel 12/26/2022
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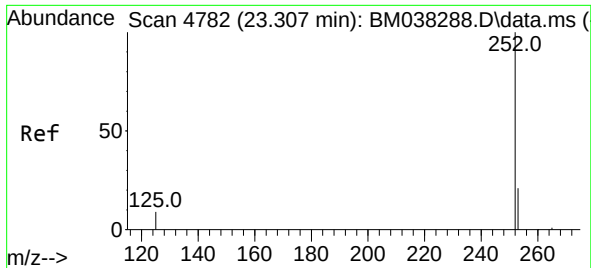


#24
Benzo(b)fluoranthene
Concen: 6.474 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17



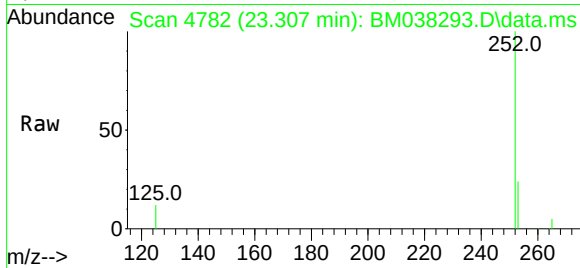
Tgt Ion:252 Resp: 237089
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.0
125 10.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 2.020 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

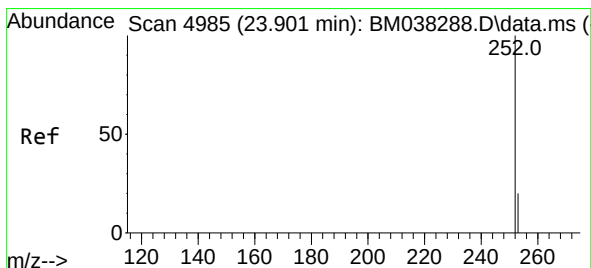
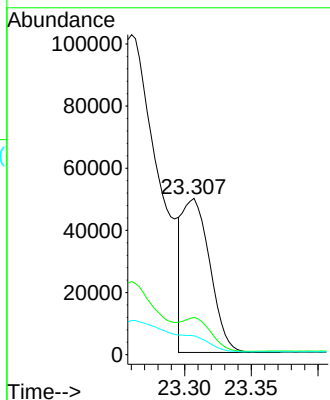
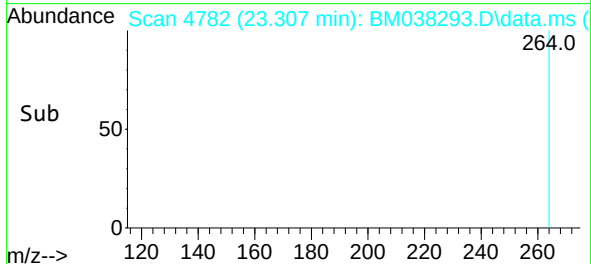
Instrument :
BNA_M
ClientSampleId :
DBYD8



Tgt Ion:252 Resp: 71064
Ion Ratio Lower Upper
252 100
253 23.9 22.5 33.7
125 12.0 14.4 21.6

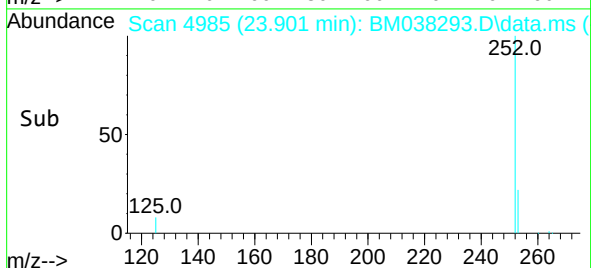
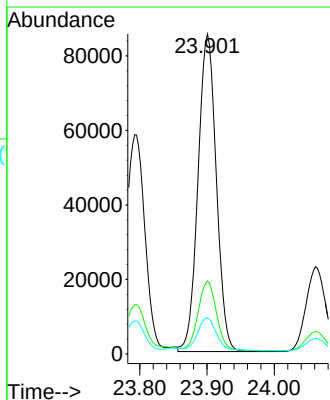
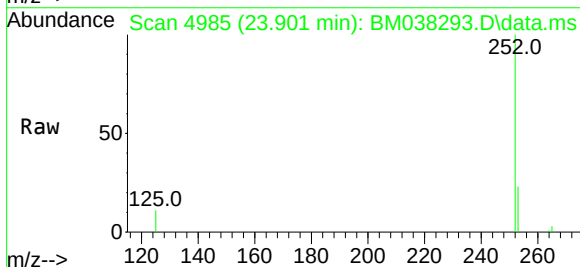
Manual Integrations
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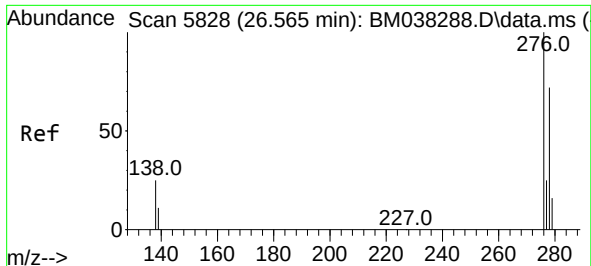
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 5.034 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

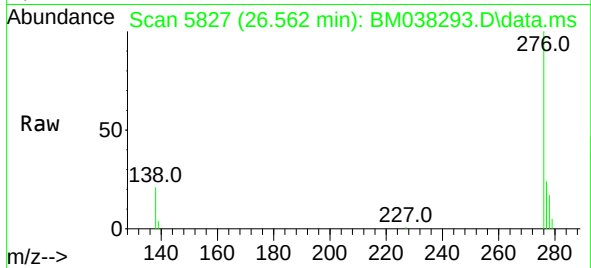
Tgt Ion:252 Resp: 160835
Ion Ratio Lower Upper
252 100
253 22.8 24.2 36.4#
125 11.3 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.809 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17

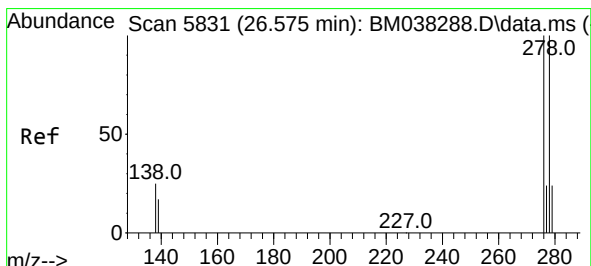
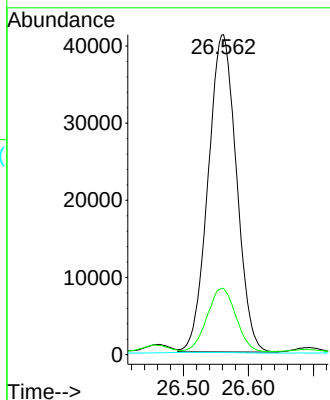
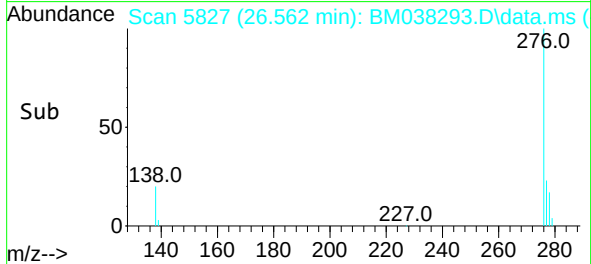
Instrument :
BNA_M
ClientSampleId :
DBYD8



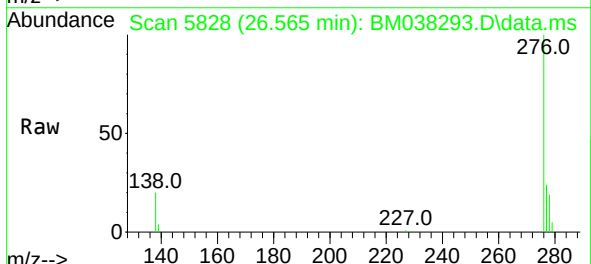
Tgt Ion:276 Resp: 124479
Ion Ratio Lower Upper
276 100
138 20.1 21.7 32.5
227 0.0 0.0 0.0

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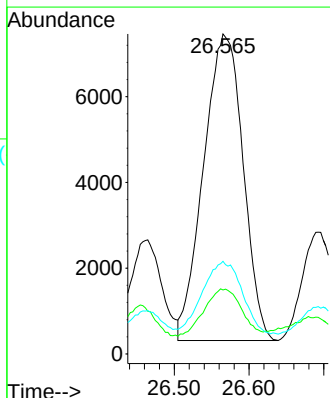
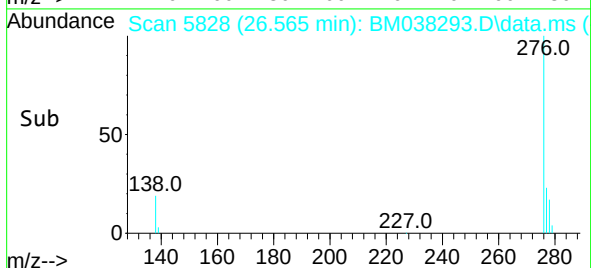
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

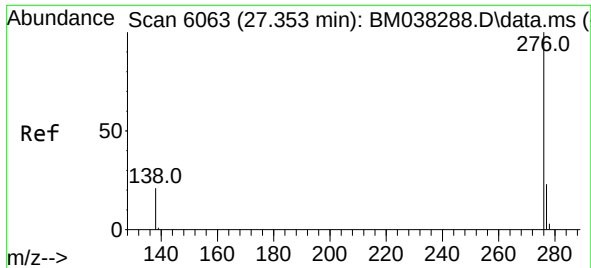


#28
Dibenzo(a,h)anthracene
Concen: 0.763 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.023 min
Lab File: BM038293.D
Acq: 25 Dec 2022 05:17



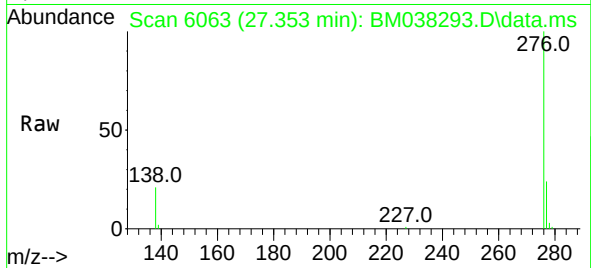
Tgt Ion:278 Resp: 26285
Ion Ratio Lower Upper
278 100
139 20.0 16.8 25.2
279 28.9 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 3.273 ng/ul
 RT: 27.353 min Scan# 6063
 Delta R.T. -0.007 min
 Lab File: BM038293.D
 Acq: 25 Dec 2022 05:17

Instrument :
 BNA_M
 ClientSampleId :
 DBYD8



Tgt Ion:276 Resp: 122044
 Ion Ratio Lower Upper
 276 100
 138 21.5 20.8 31.2
 277 24.0 20.5 30.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

