

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038299.D
 Acq On : 25 Dec 2022 08:52
 Operator : CG/JU
 Sample : N6016-22
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYE7

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 23:54:44 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	3048	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9122	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10741	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8058	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	10927	3.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3211	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	6672	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	7132	0.267	ng/ul	98
7) 2-Methylnaphthalene	12.489	142	1182	0.071	ng/ul	98
8) 1-Methylnaphthalene	12.709	142	405	0.024	ng/ul	95
10) Acenaphthylene	14.375	152	4361	0.145	ng/ul	95
15) Phenanthrene	17.434	178	6417	0.179	ng/ul	97
16) Anthracene	17.523	178	2912	0.084	ng/ul#	90
19) Fluoranthene	19.445	202	24076	0.545	ng/ul	99
20) Pyrene	19.808	202	20883m	0.468	ng/ul	
21) Benzo(a)anthracene	21.548	228	15439	0.437	ng/ul	94
22) Chrysene	21.603	228	17683	0.514	ng/ul	96
24) Benzo(b)fluoranthene	23.260	252	27186	0.861	ng/ul	98
25) Benzo(k)fluoranthene	23.304	252	8375m	0.276	ng/ul	
26) Benzo(a)pyrene	23.901	252	16151	0.586	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.559	276	13373	0.350	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.569	278	3173	0.107	ng/ul#	57
29) Benzo(g,h,i)perylene	27.354	276	13458	0.419	ng/ul	99

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

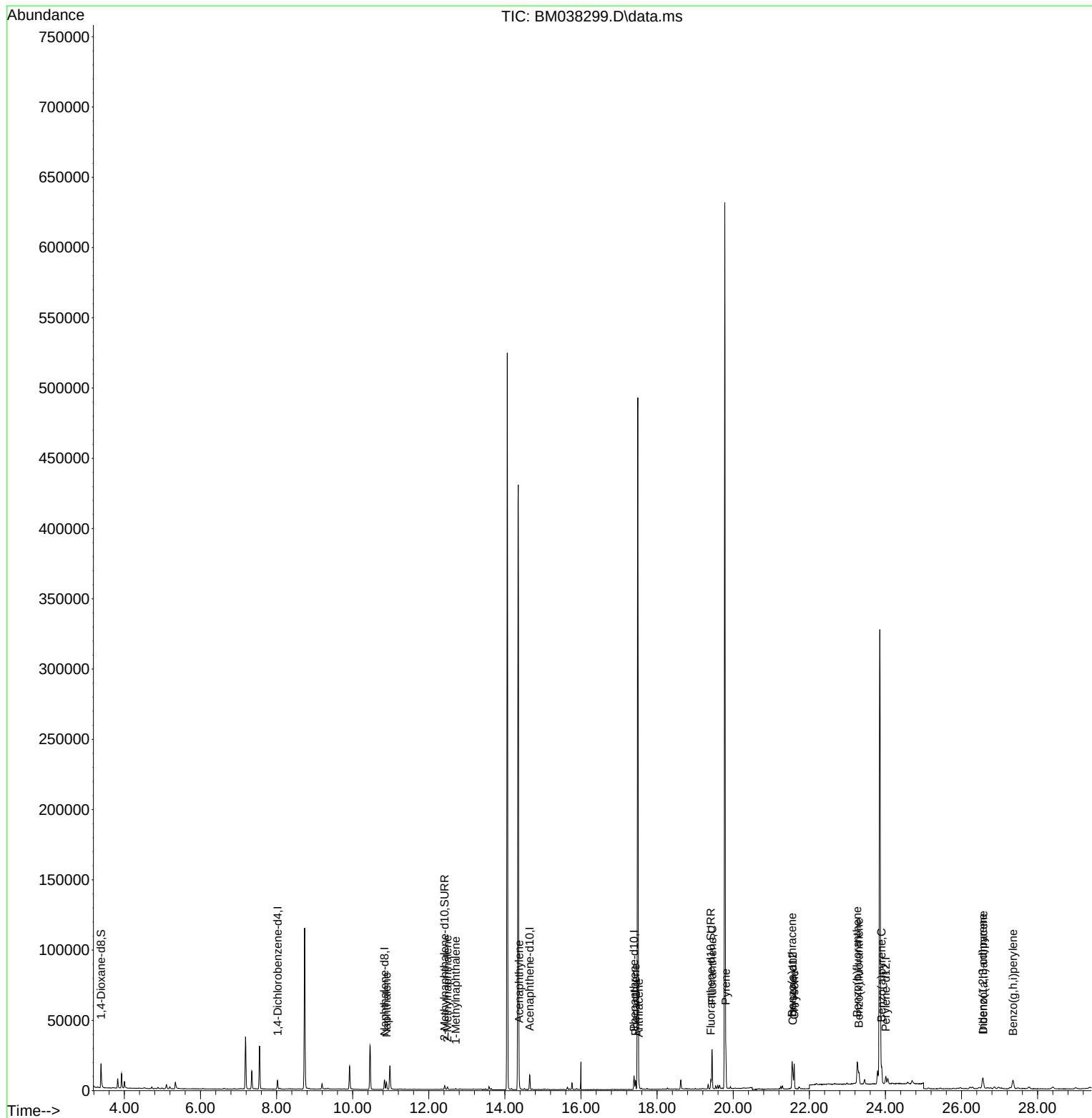
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038299.D
Acq On : 25 Dec 2022 08:52
Operator : CG/JU
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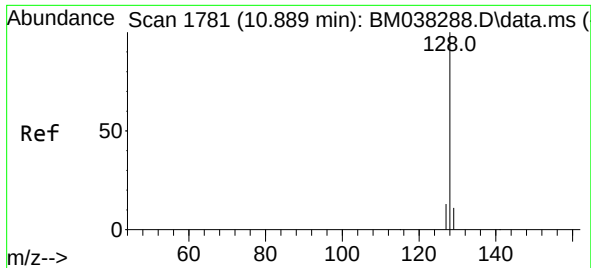
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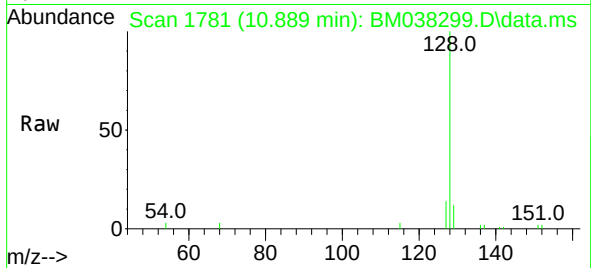
Quant Time: Dec 25 23:54:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

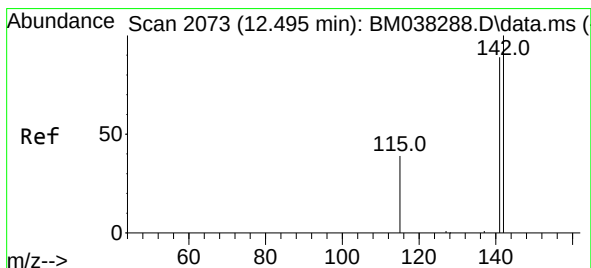
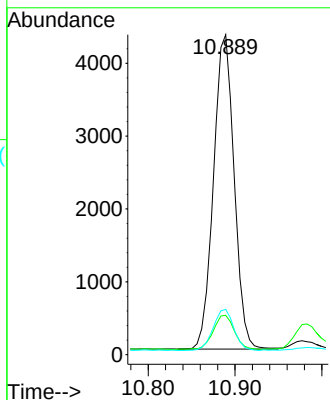
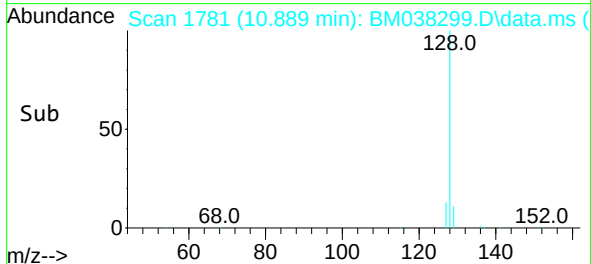
Instrument :
BNA_M
ClientSampleId :
DBYE7



Tgt Ion:128 Resp: 7132
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.2 10.7 16.1

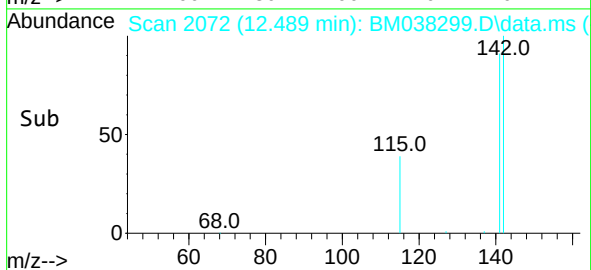
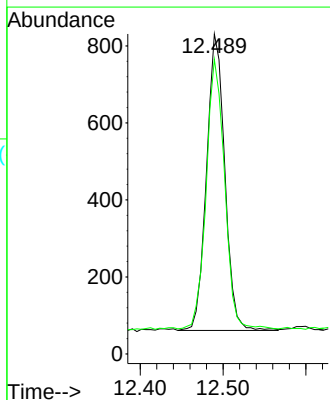
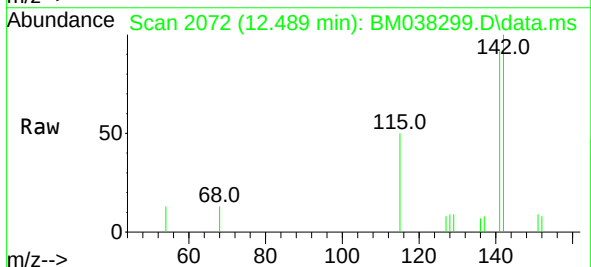
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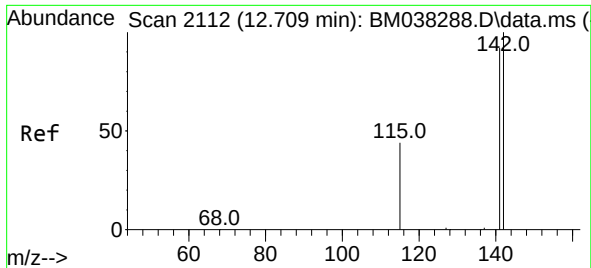
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

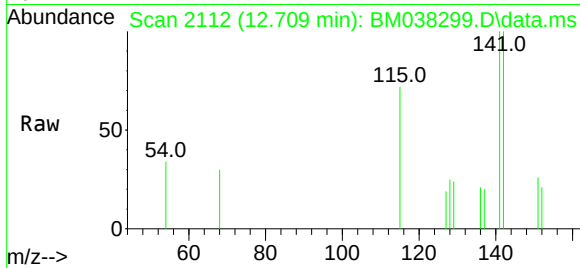
Tgt Ion:142 Resp: 1182
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

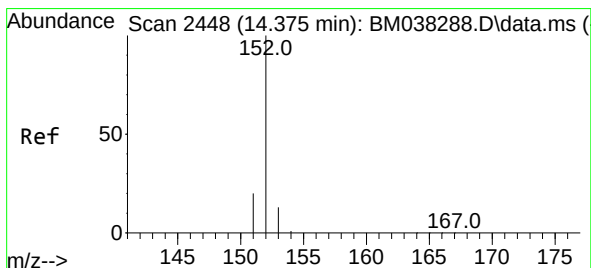
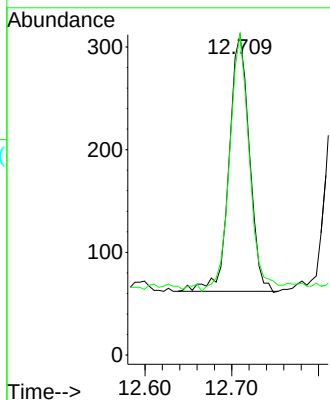
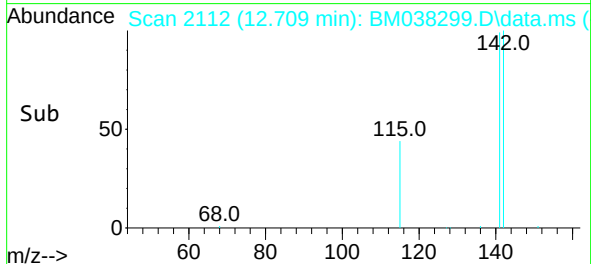
Instrument :
BNA_M
ClientSampleId :
DBYE7



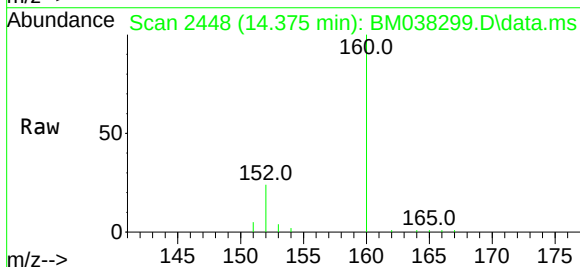
Tgt Ion:142 Resp: 409
Ion Ratio Lower Upper
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141 98.3 74.7 112.1

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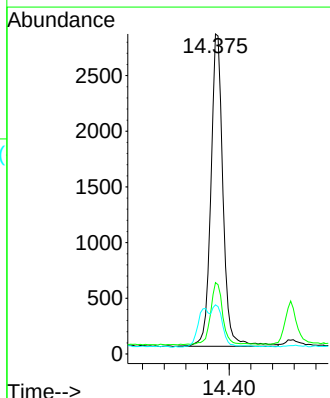
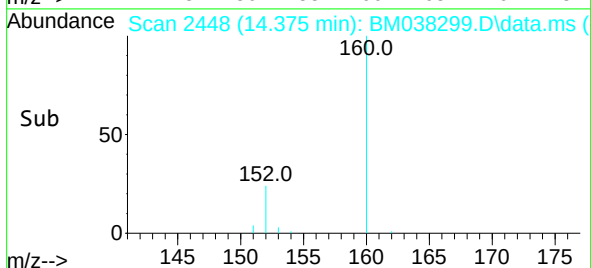
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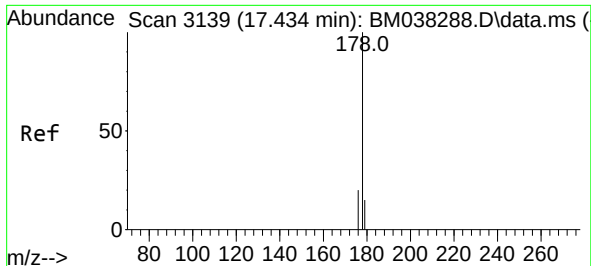


#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52



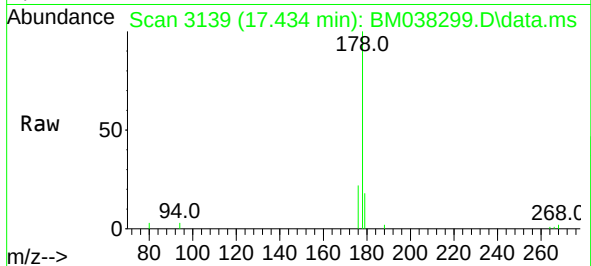
Tgt Ion:152 Resp: 4361
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 15.3 10.7 16.1





#15
Phenanthrene
Concen: 0.179 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

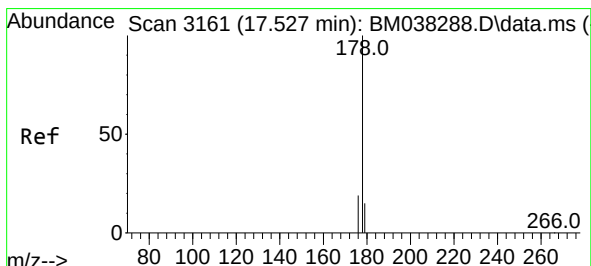
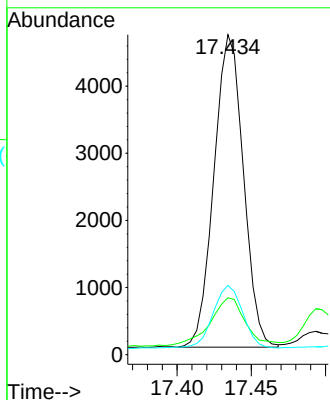
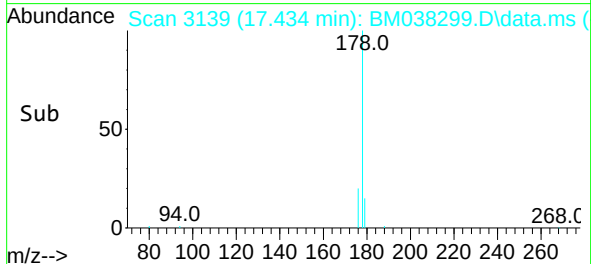
Instrument :
BNA_M
ClientSampleId :
DBYE7



Tgt Ion:178 Resp: 641
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 21.7 16.2 24.4

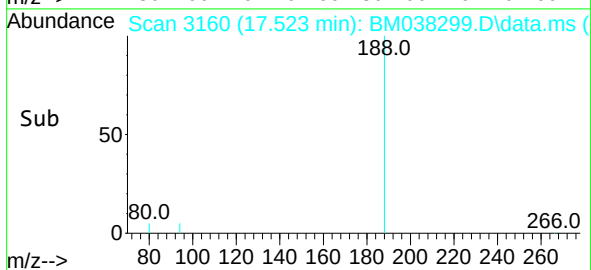
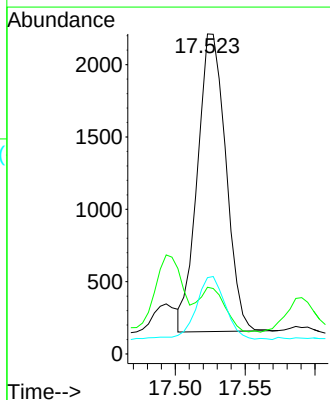
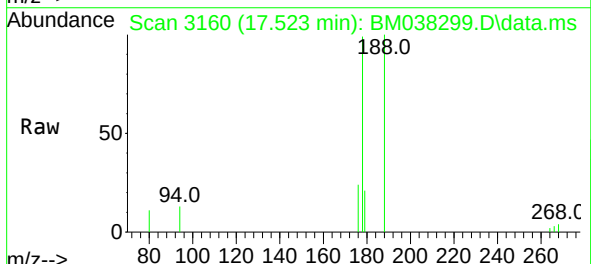
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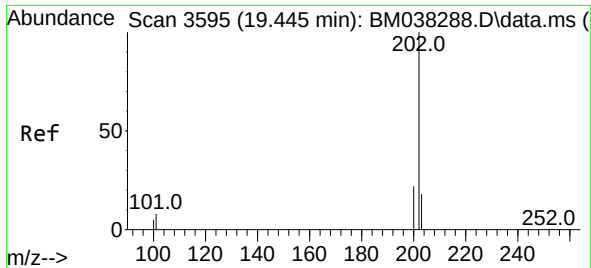
Reviewed By :Yogesh Patel 12/26/2022
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#16
Anthracene
Concen: 0.084 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

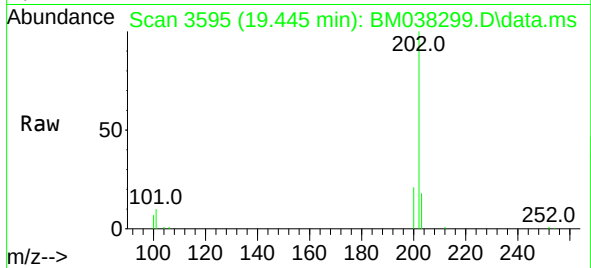
Tgt Ion:178 Resp: 2912
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.6#
176 23.9 15.6 23.4#





#19
Fluoranthene
Concen: 0.545 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.004 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

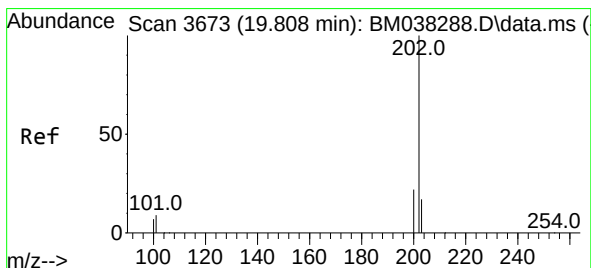
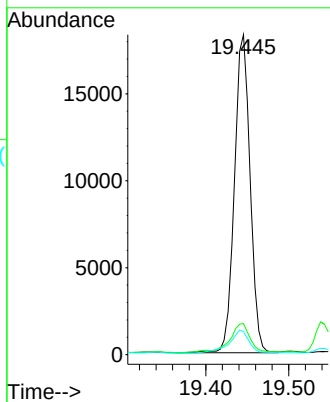
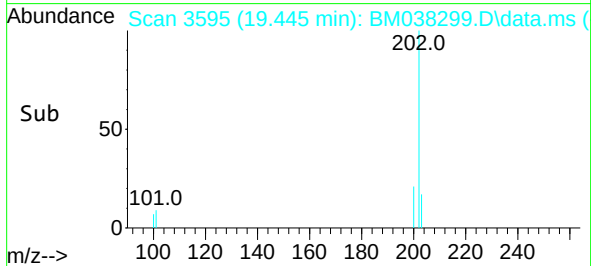
Instrument :
BNA_M
ClientSampleId :
DBYE7



Tgt Ion:202 Resp: 24070
Ion Ratio Lower Upper
202 100
101 9.7 7.5 11.3
100 7.2 5.6 8.4

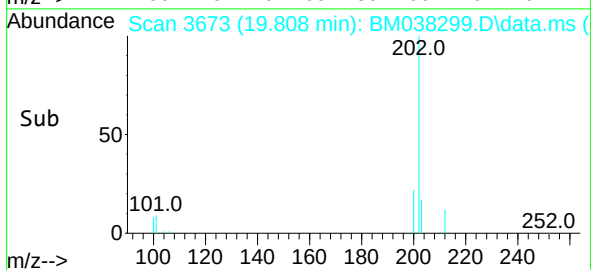
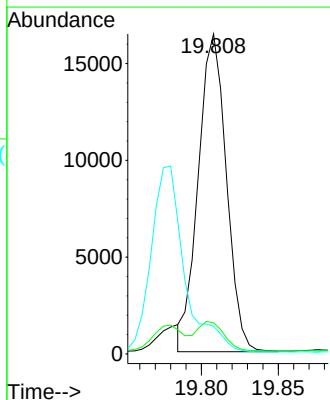
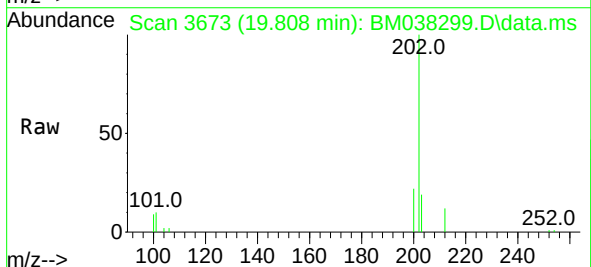
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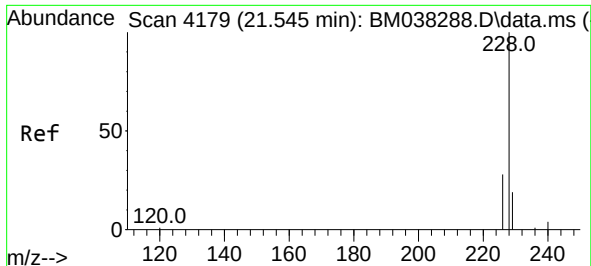
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 0.468 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.004 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

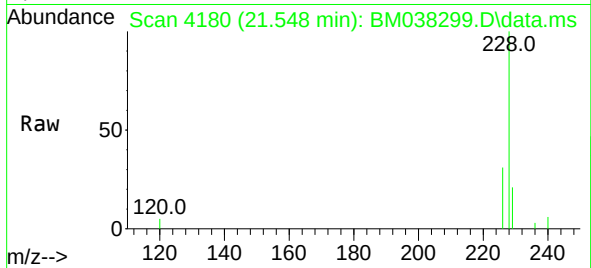
Tgt Ion:202 Resp: 20883
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.6 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.548 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

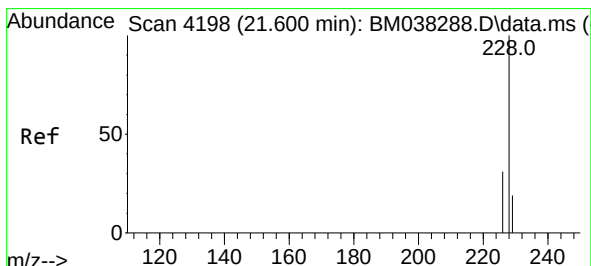
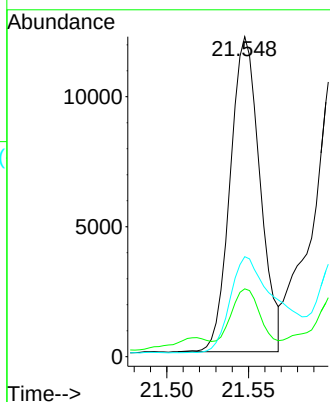
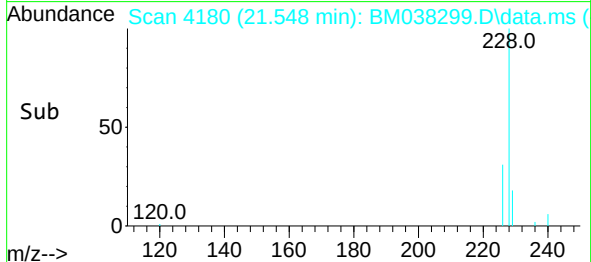
Instrument :
BNA_M
ClientSampleId :
DBYE7



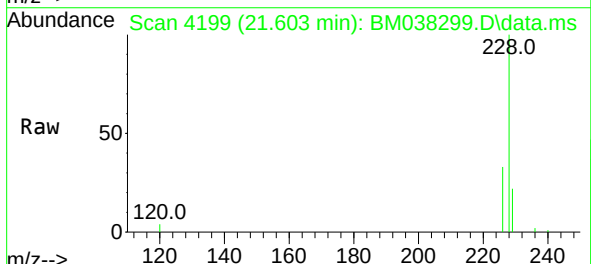
Tgt Ion:228 Resp: 15439
Ion Ratio Lower Upper
228 100
229 21.2 15.5 23.3
226 31.3 22.2 33.2

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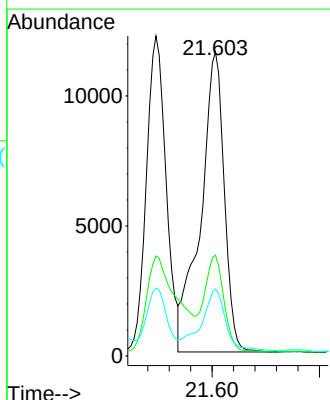
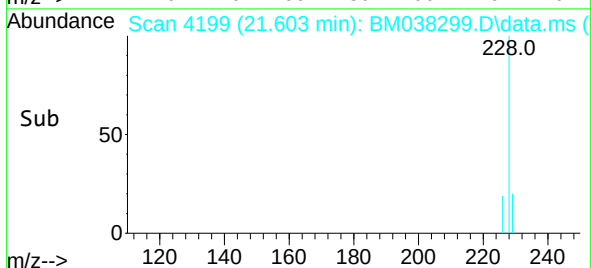
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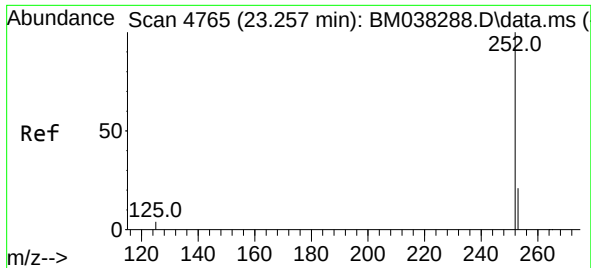


#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52



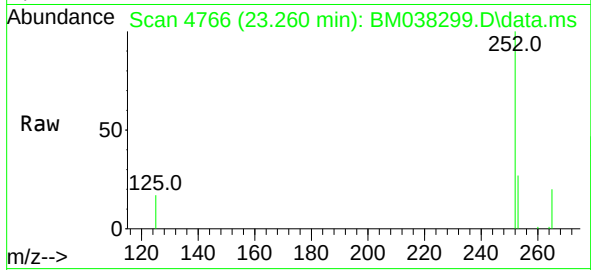
Tgt Ion:228 Resp: 17683
Ion Ratio Lower Upper
228 100
226 33.2 25.0 37.4
229 22.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.861 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

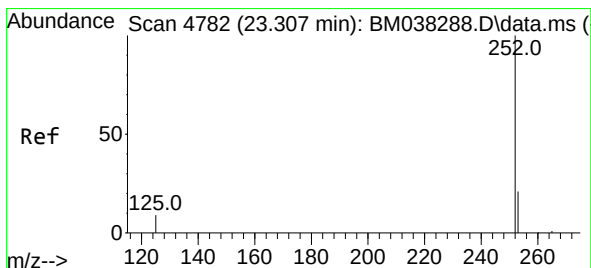
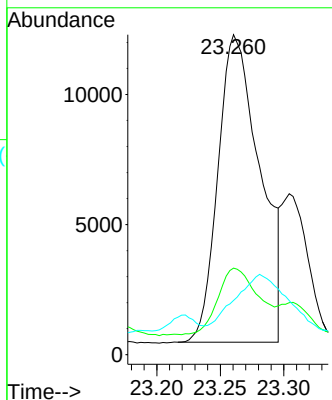
Instrument :
BNA_M
ClientSampleId :
DBYE7



Tgt Ion:252 Resp: 27180
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.0
125 16.9 0.0 36.6

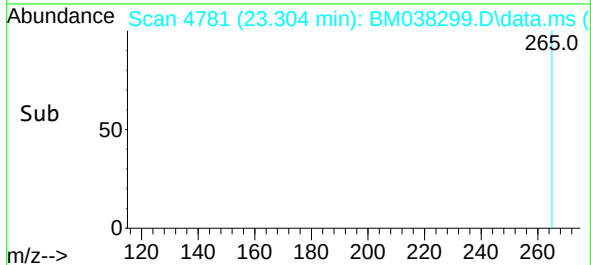
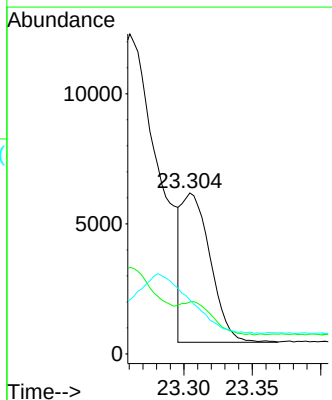
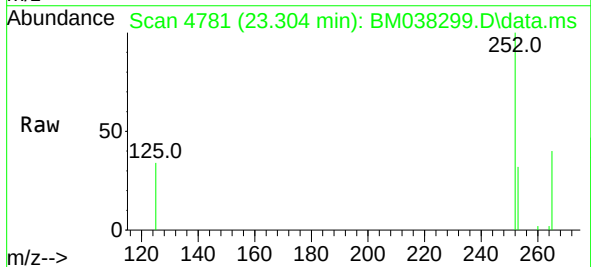
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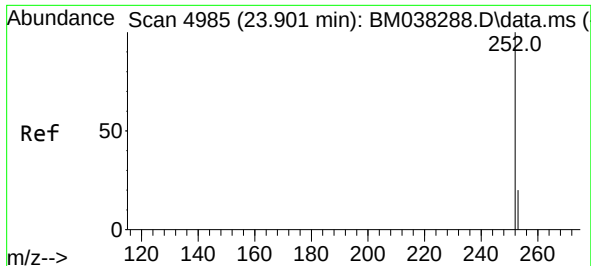
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. -0.009 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

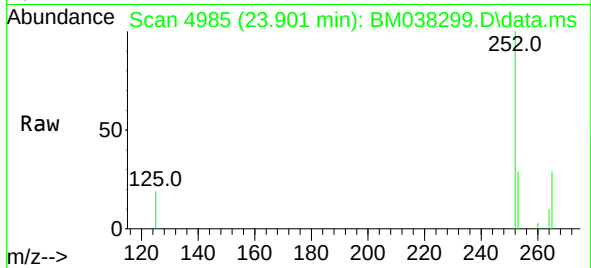
Tgt Ion:252 Resp: 8375
Ion Ratio Lower Upper
252 100
253 32.3 22.5 33.7
125 33.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.586 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

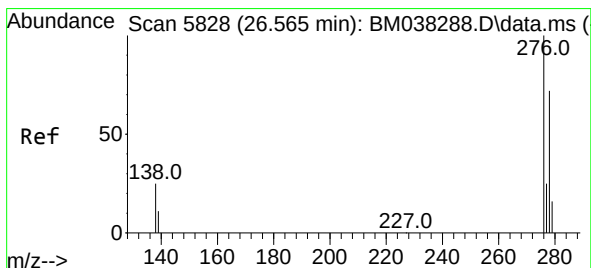
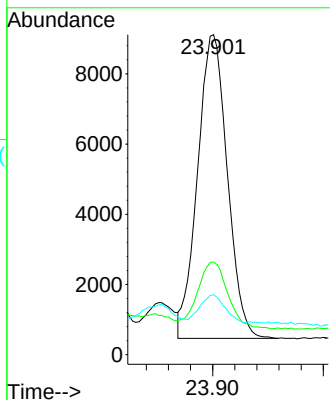
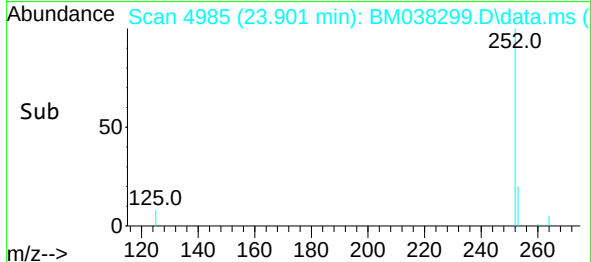
Instrument :
BNA_M
ClientSampleId :
DBYE7



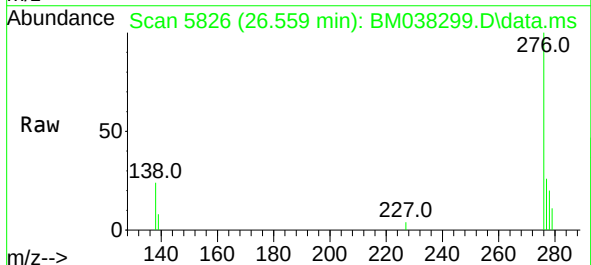
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Ion Ratio Lower Upper
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253 29.0 24.2 36.4
125 18.8 17.3 25.9

Manual Integrations
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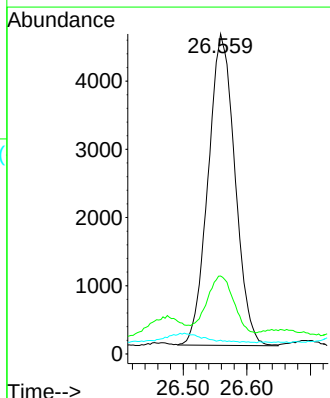
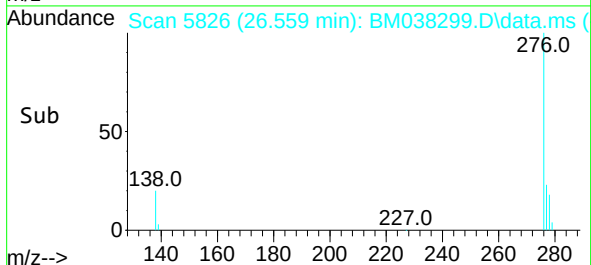
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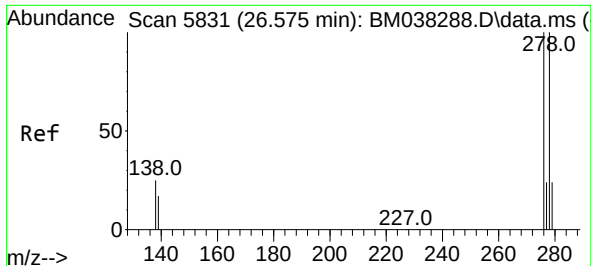


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.559 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52



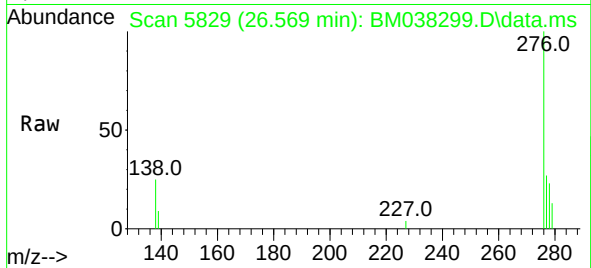
Tgt Ion:276 Resp: 13373
Ion Ratio Lower Upper
276 100
138 23.5 21.7 32.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.569 min Scan# 5831
Delta R.T. -0.020 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52

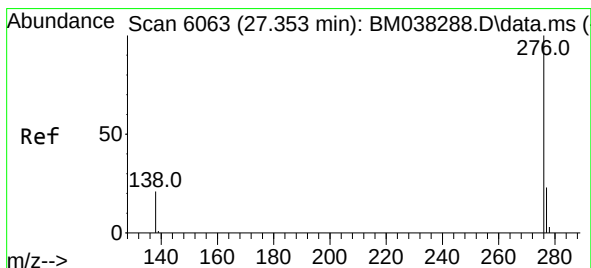
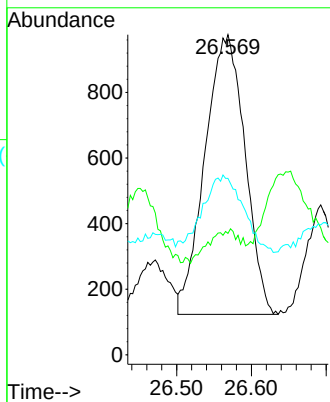
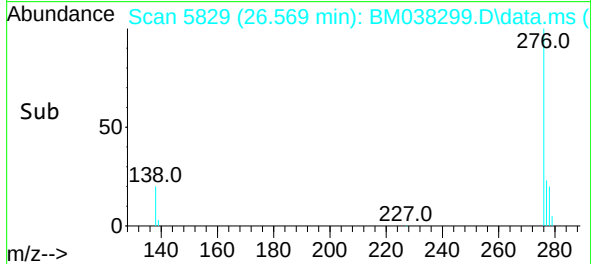
Instrument :
BNA_M
ClientSampleId :
DBYE7



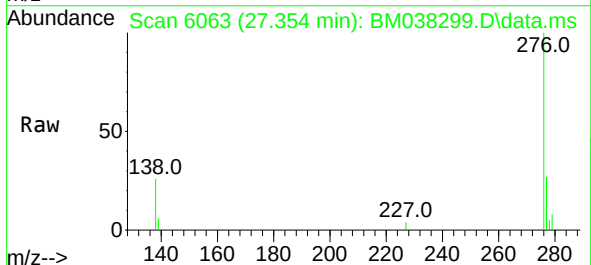
Tgt Ion:278 Resp: 317
Ion Ratio Lower Upper
278 100
139 37.9 16.8 25.2
279 55.1 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.354 min Scan# 6063
Delta R.T. -0.006 min
Lab File: BM038299.D
Acq: 25 Dec 2022 08:52



Tgt Ion:276 Resp: 13458
Ion Ratio Lower Upper
276 100
138 26.2 20.8 31.2
277 26.7 20.5 30.7

