

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038292.D
 Acq On : 25 Dec 2022 04:42
 Operator : CG/JU
 Sample : N6016-15
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD7

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 05:38:33 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	4075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11904	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	6903	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	13304	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	9411	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	8727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	11719	2.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3352	0.191	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	6730	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	980	0.028	ng/ul#	81
10) Acenaphthylene	14.379	152	1271	0.033	ng/ul#	81
15) Phenanthrene	17.434	178	4106	0.092	ng/ul	94
16) Anthracene	17.527	178	2178	0.051	ng/ul#	85
19) Fluoranthene	19.445	202	13540	0.263	ng/ul	97
20) Pyrene	19.808	202	14325m	0.275	ng/ul	
21) Benzo(a)anthracene	21.545	228	8212	0.199	ng/ul	94
22) Chrysene	21.600	228	10286	0.256	ng/ul	93
24) Benzo(b)fluoranthene	23.260	252	17983	0.466	ng/ul	96
25) Benzo(k)fluoranthene	23.304	252	5870m	0.158	ng/ul	
26) Benzo(a)pyrene	23.898	252	9662	0.287	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.559	276	8075	0.173	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.562	278	2179	0.060	ng/ul#	34
29) Benzo(g,h,i)perylene	27.350	276	7808	0.198	ng/ul	94

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

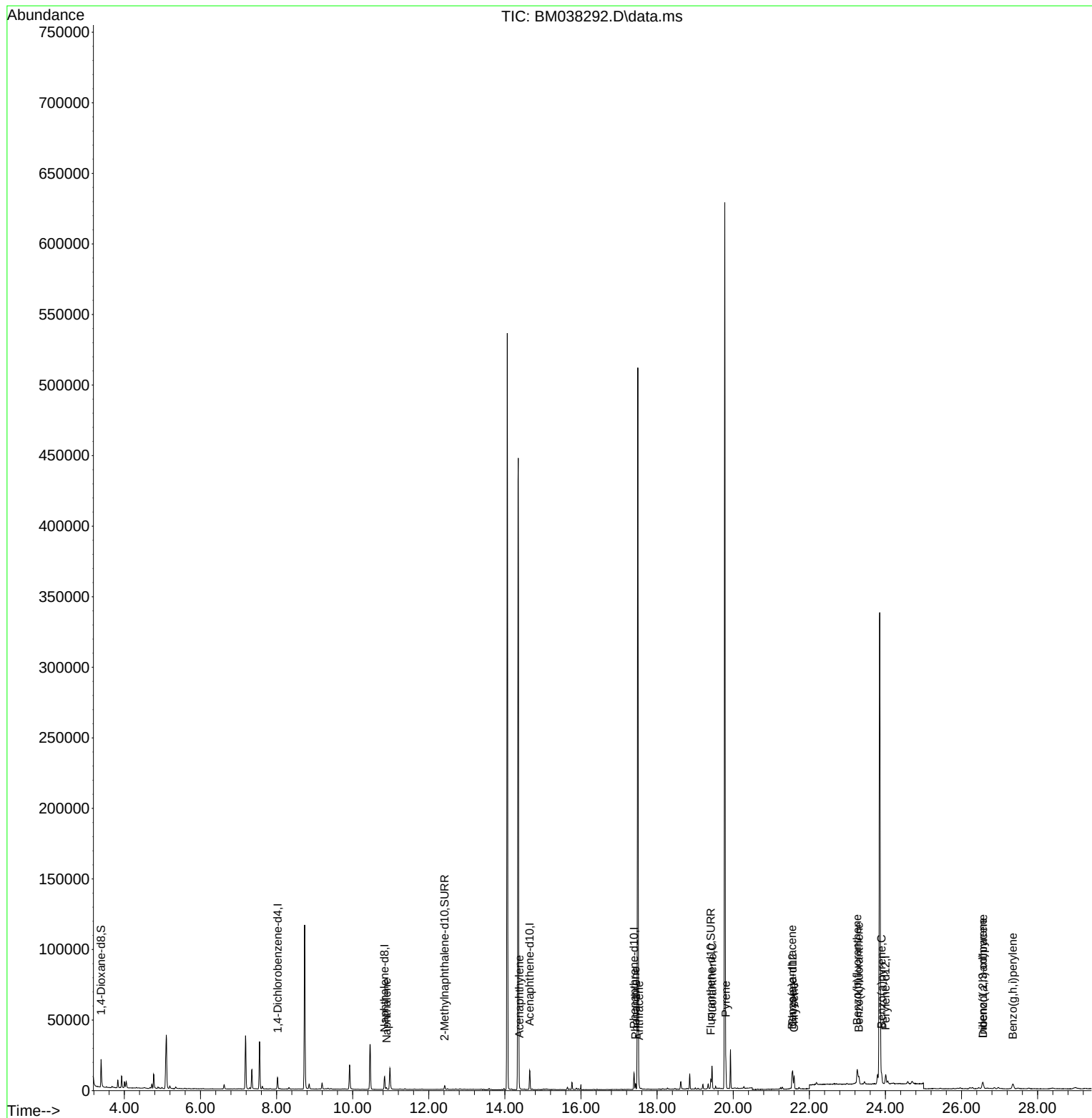
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038292.D
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ALS Vial : 101 Sample Multiplier: 1

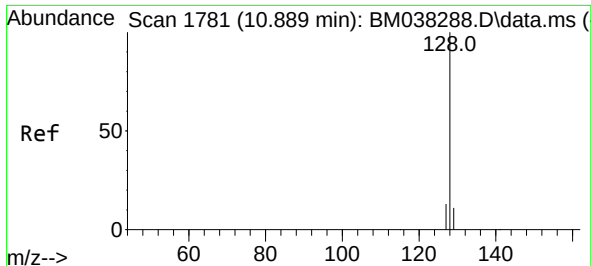
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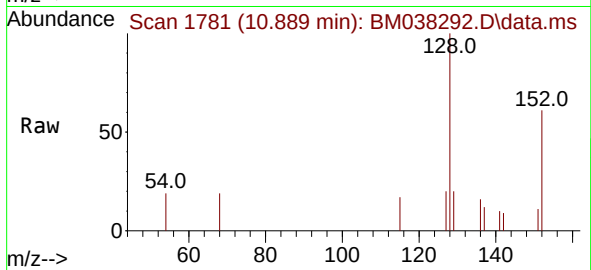
Quant Time: Dec 25 05:38:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.028 ng/u1
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

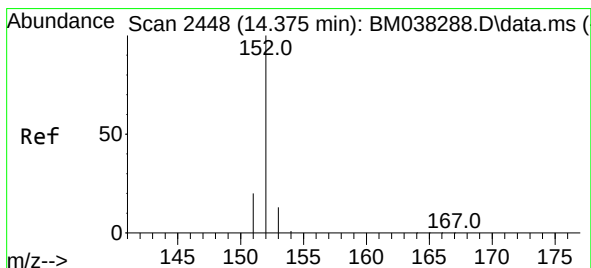
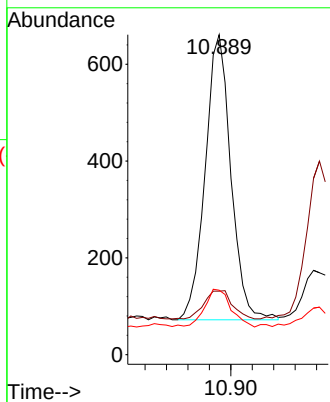
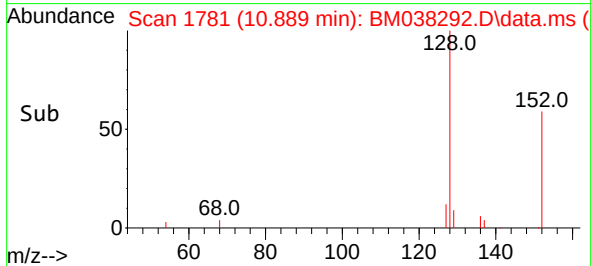
Instrument :
BNA_M
ClientSampleId :
DBYD7



Tgt Ion:128 Resp: 980
Ion Ratio Lower Upper
128 100
129 19.8 9.4 14.0#
127 20.1 10.7 16.1#

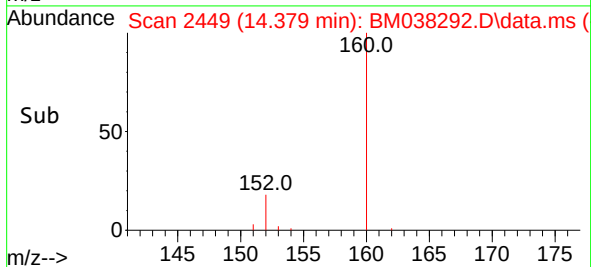
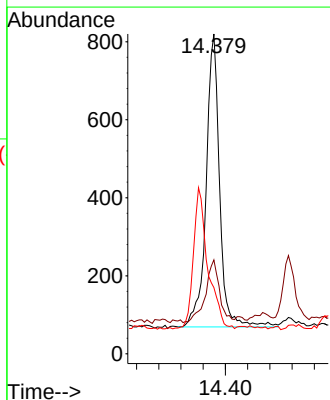
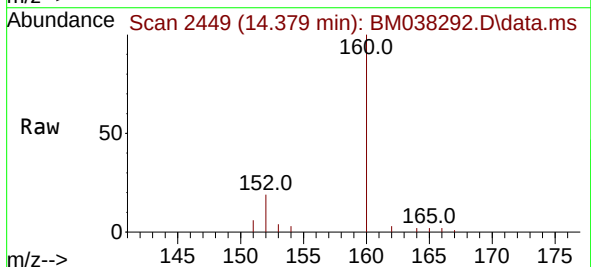
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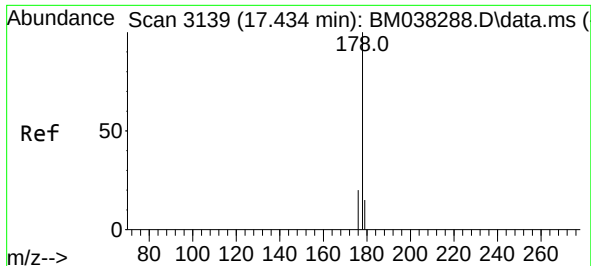
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.033 ng/u1
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

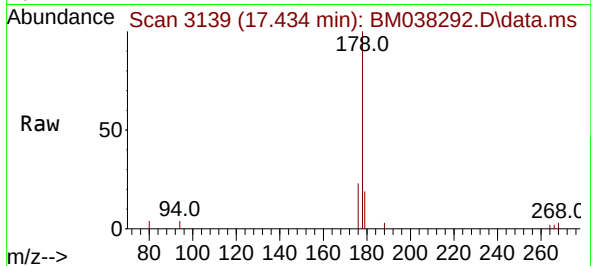
Tgt Ion:152 Resp: 1271
Ion Ratio Lower Upper
152 100
151 29.4 16.2 24.2#
153 20.7 10.7 16.1#





#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

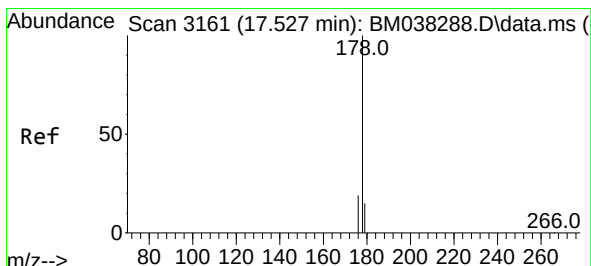
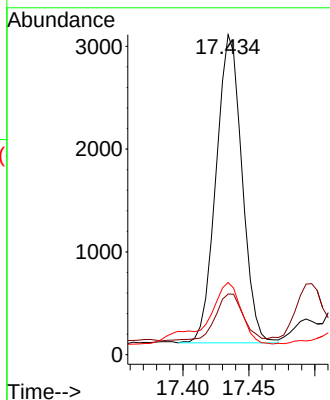
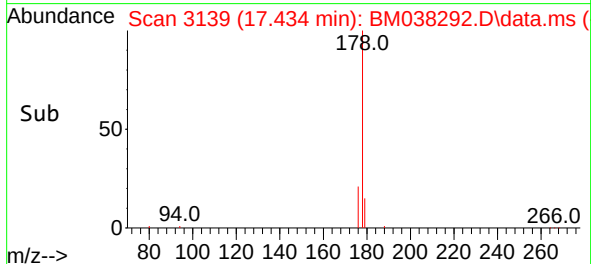
Instrument :
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ClientSampleId :
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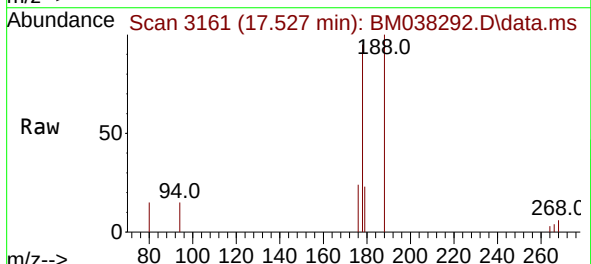
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Ion Ratio Lower Upper
178 100
179 19.0 13.0 19.4
176 22.6 16.2 24.4

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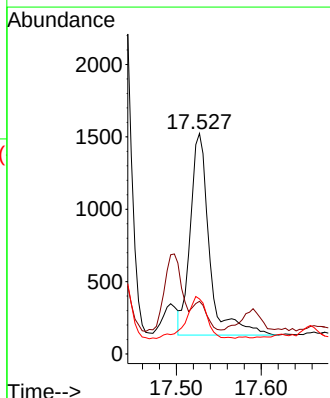
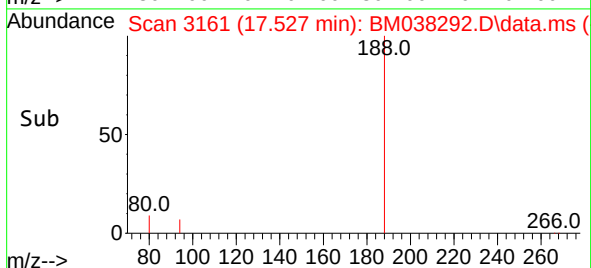
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

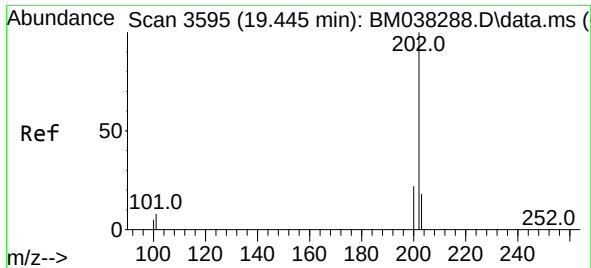


#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42



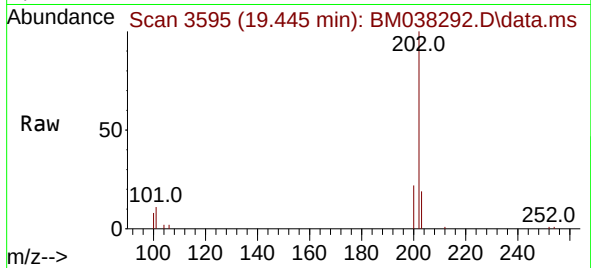
Tgt Ion:178 Resp: 2178
Ion Ratio Lower Upper
178 100
179 23.9 13.0 19.6#
176 25.0 15.6 23.4#





#19
Fluoranthene
Concen: 0.263 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

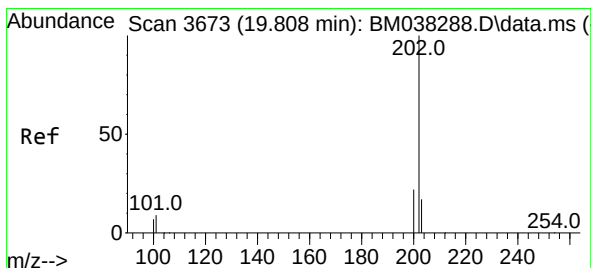
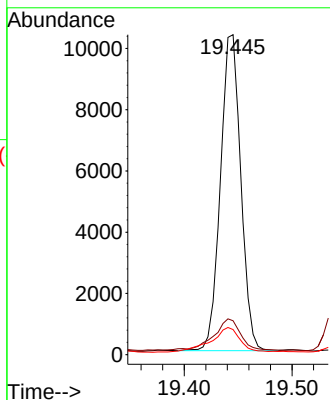
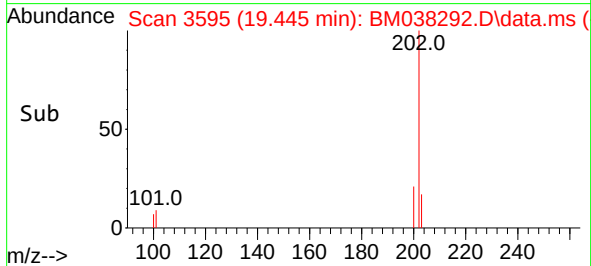
Instrument :
BNA_M
ClientSampleId :
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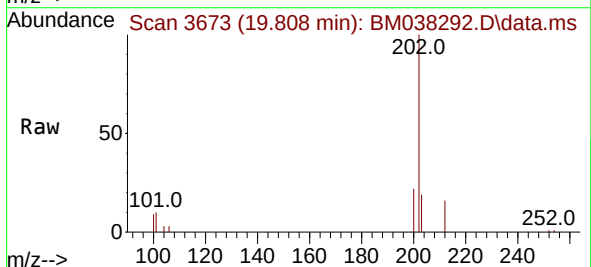
Tgt Ion:202 Resp: 13540
Ion Ratio Lower Upper
202 100
101 10.6 7.5 11.3
100 7.8 5.6 8.4

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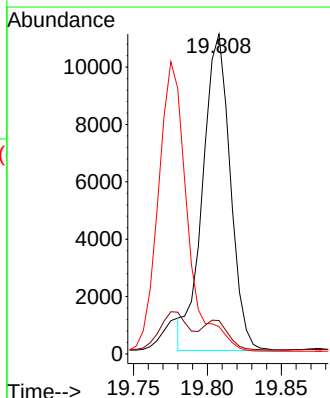
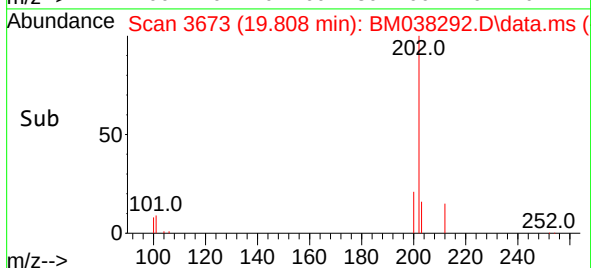
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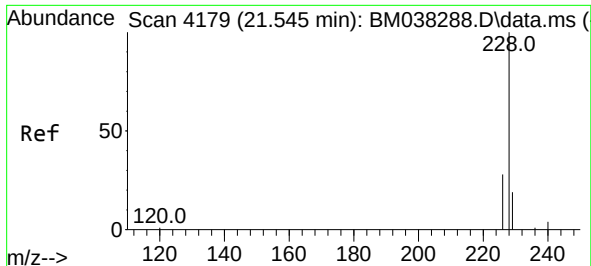


#20
Pyrene
Concen: 0.275 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42



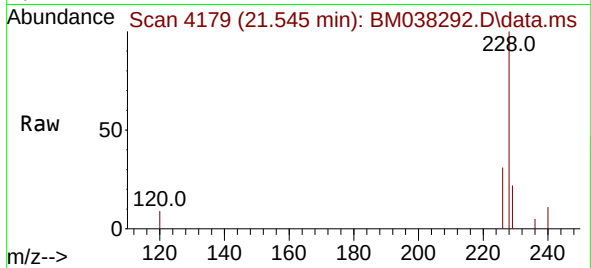
Tgt Ion:202 Resp: 14325
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.5 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

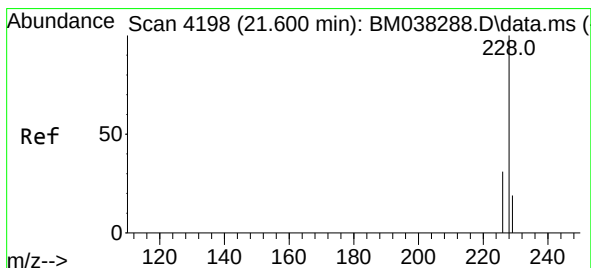
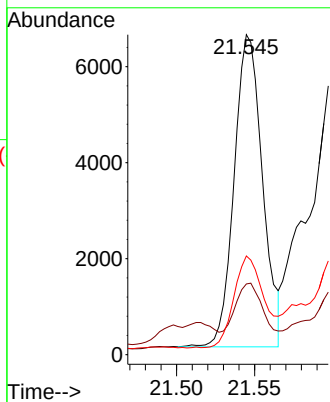
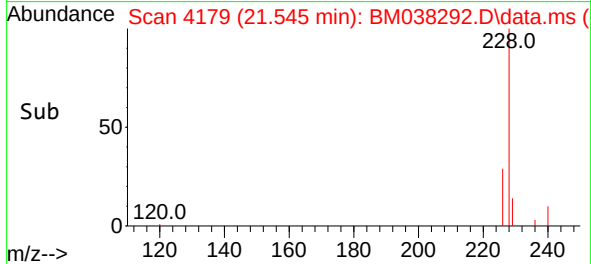
Instrument :
BNA_M
ClientSampleId :
DBYD7



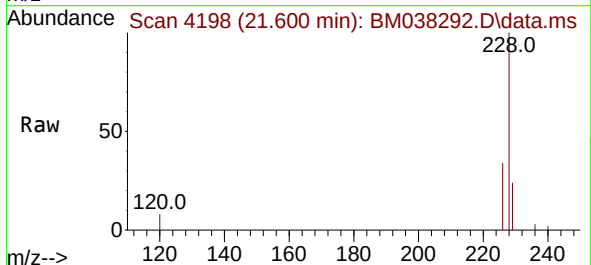
Tgt Ion:228 Resp: 821
Ion Ratio Lower Upper
228 100
229 22.1 15.5 23.3
226 30.9 22.2 33.2

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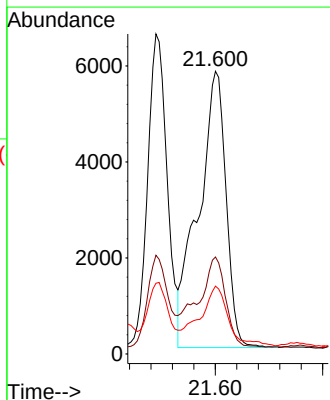
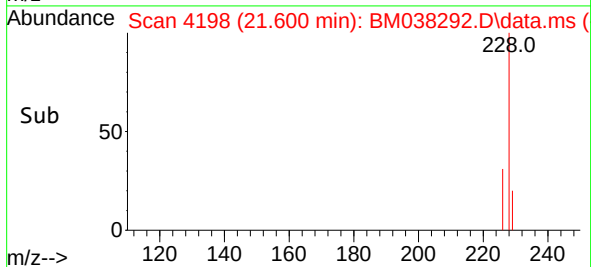
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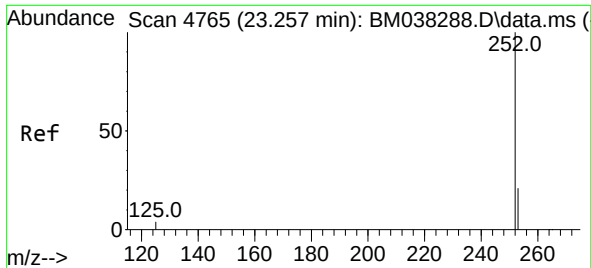


#22
Chrysene
Concen: 0.256 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42



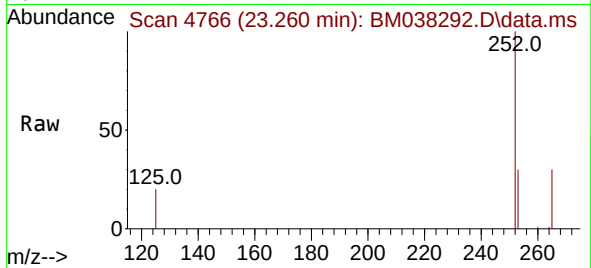
Tgt Ion:228 Resp: 10286
Ion Ratio Lower Upper
228 100
226 34.3 25.0 37.4
229 24.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

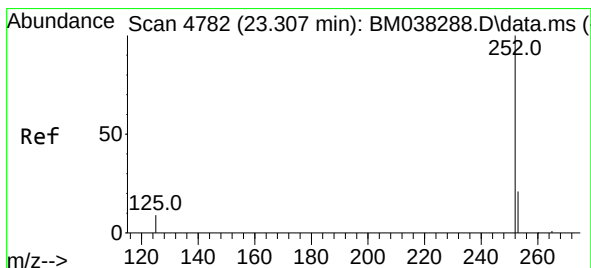
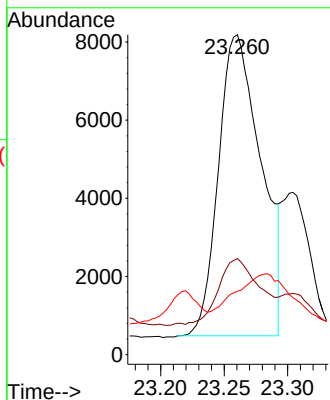
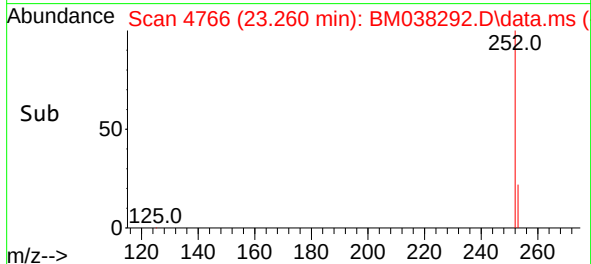
Instrument :
BNA_M
ClientSampleId :
DBYD7



Tgt Ion:252 Resp: 1798
Ion Ratio Lower Upper
252 100
253 30.1 0.0 56.0
125 19.8 0.0 36.6

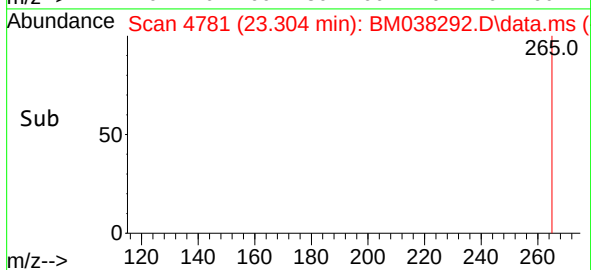
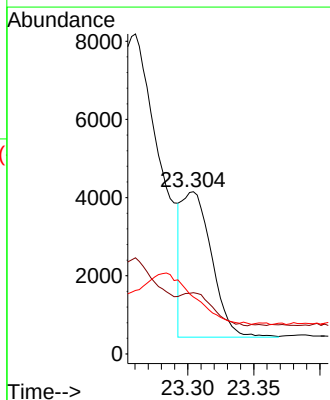
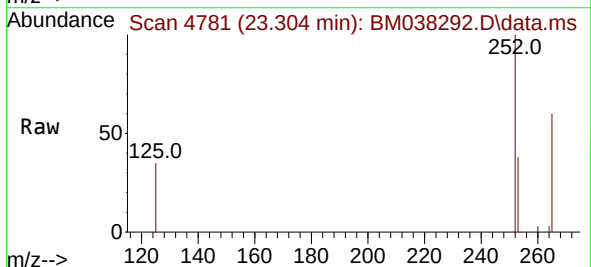
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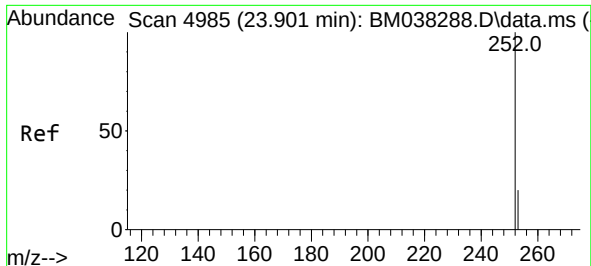
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#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. -0.009 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

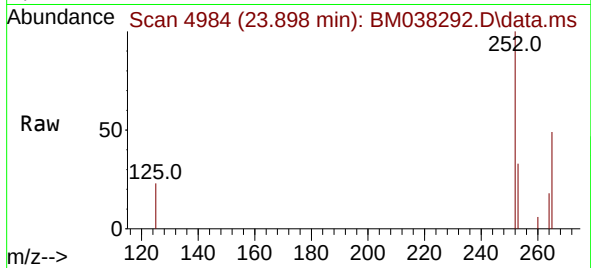
Tgt Ion:252 Resp: 5870
Ion Ratio Lower Upper
252 100
253 37.7 22.5 33.7#
125 35.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

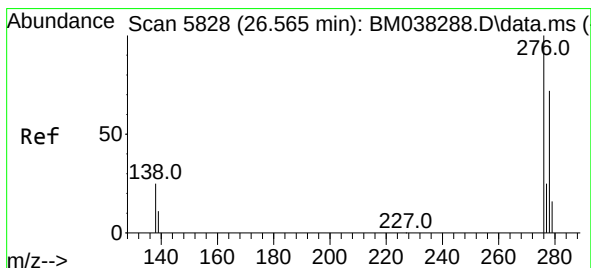
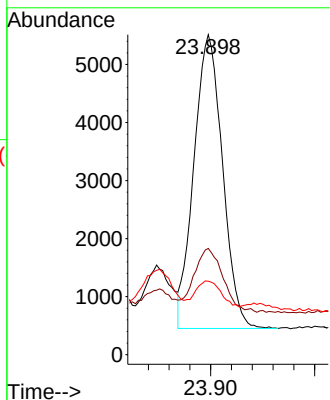
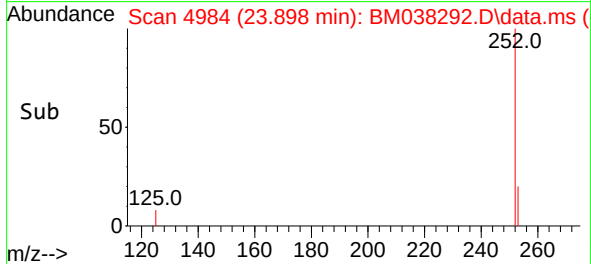
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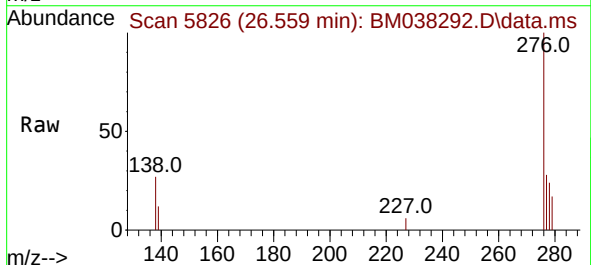
Tgt Ion:252 Resp: 966
Ion Ratio Lower Upper
252 100
253 33.2 24.2 36.4
125 23.0 17.3 25.9

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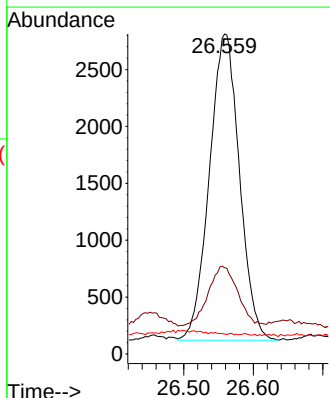
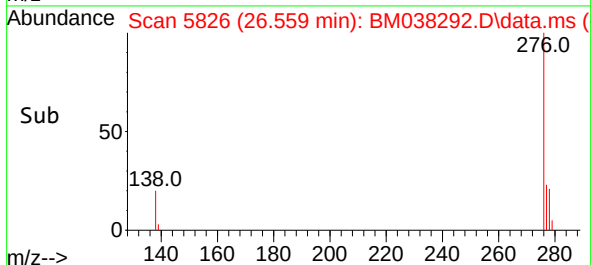
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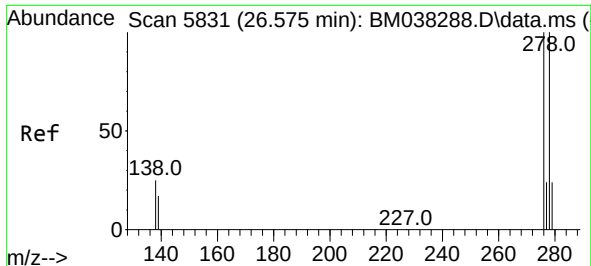


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 26.559 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42



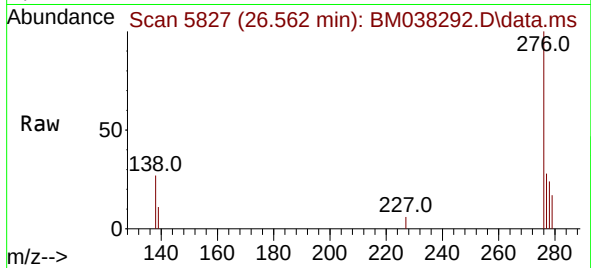
Tgt Ion:276 Resp: 8075
Ion Ratio Lower Upper
276 100
138 20.5 21.7 32.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.027 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

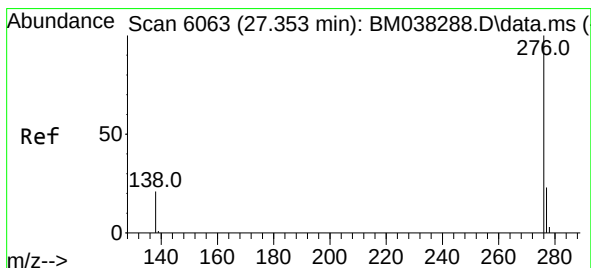
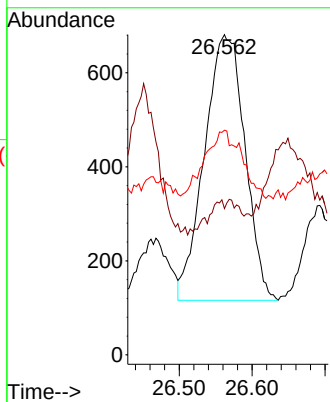
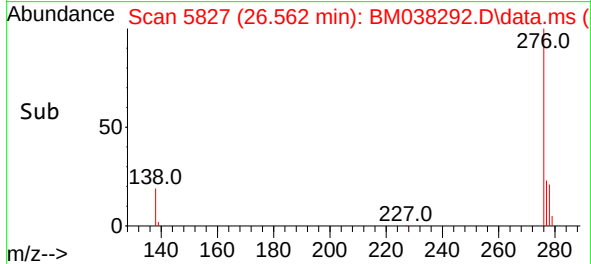
Instrument :
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Tgt Ion:278 Resp: 2179
Ion Ratio Lower Upper
278 100
139 45.7 16.8 25.2
279 70.2 23.4 35.2

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#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 27.350 min Scan# 6062
Delta R.T. -0.010 min
Lab File: BM038292.D
Acq: 25 Dec 2022 04:42

Tgt Ion:276 Resp: 7808
Ion Ratio Lower Upper
276 100
138 29.2 20.8 31.2
277 28.7 20.5 30.7

