

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038268.D
 Acq On : 24 Dec 2022 13:08
 Operator : CG/JU
 Sample : N6018-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYK3

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:55:50 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	8.030	152	4164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	12004	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.657	164	6958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12874	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8900	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	8132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13277	3.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4140	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7077	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	1295	0.037	ng/ul#	82
7) 2-Methylnaphthalene	12.495	142	480	0.022	ng/ul	92
10) Acenaphthylene	14.379	152	1218	0.032	ng/ul#	72
15) Phenanthrene	17.438	178	7619	0.177	ng/ul	97
16) Anthracene	17.531	178	1488	0.036	ng/ul#	81
19) Fluoranthene	19.445	202	21753	0.446	ng/ul#	95
20) Pyrene	19.812	202	18424m	0.374	ng/ul	
21) Benzo(a)anthracene	21.553	228	9459	0.242	ng/ul#	92
22) Chrysene	21.606	228	11467	0.302	ng/ul#	93
24) Benzo(b)fluoranthene	23.269	252	18569	0.516	ng/ul	91
25) Benzo(k)fluoranthene	23.313	252	6470m	0.187	ng/ul	
26) Benzo(a)pyrene	23.909	252	11498	0.366	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.572	276	10180	0.234	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.579	278	2568	0.076	ng/ul#	25
29) Benzo(g,h,i)perylene	27.364	276	10841	0.296	ng/ul	94

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

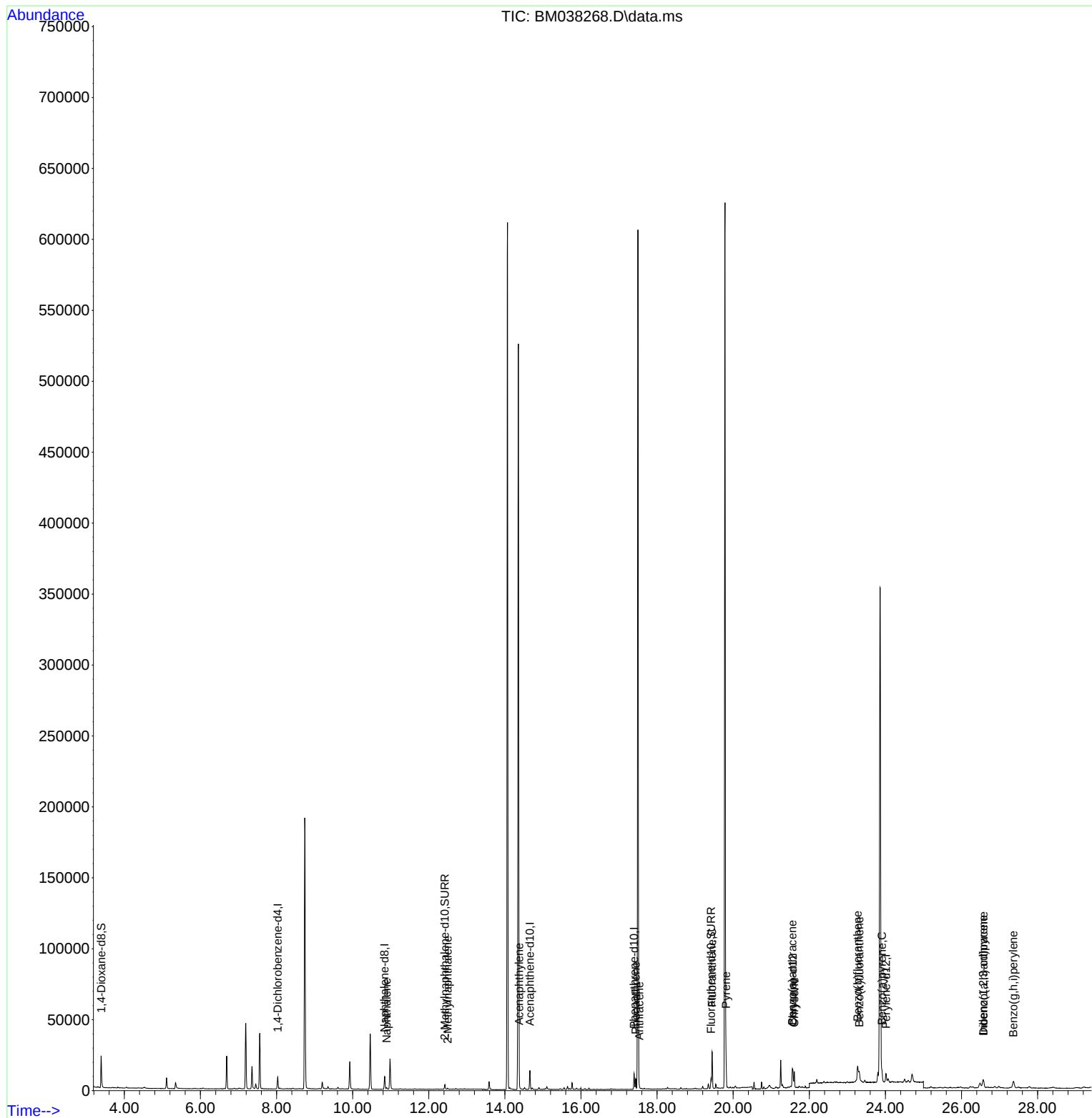
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038268.D
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ALS Vial : 76 Sample Multiplier: 1

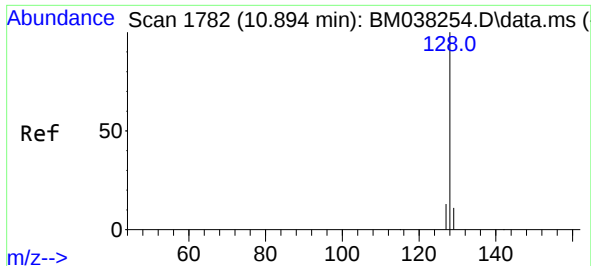
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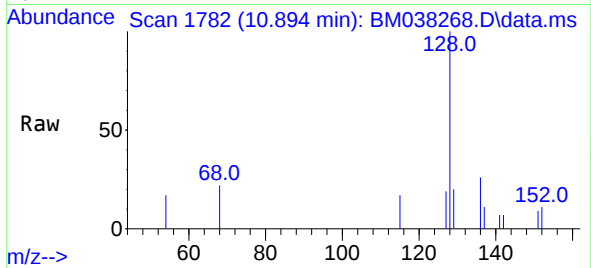
Quant Time: Dec 25 02:55:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

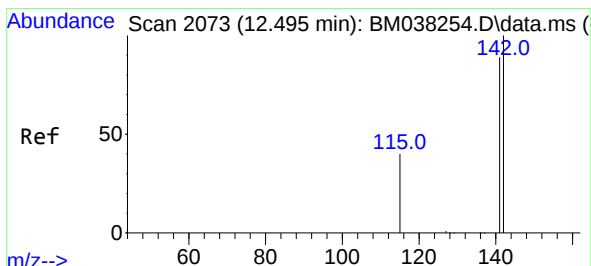
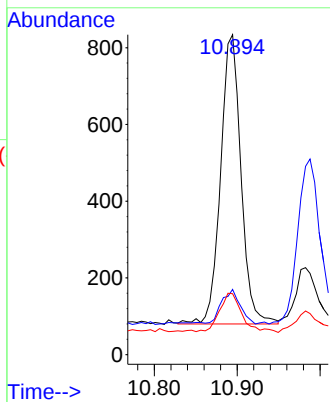
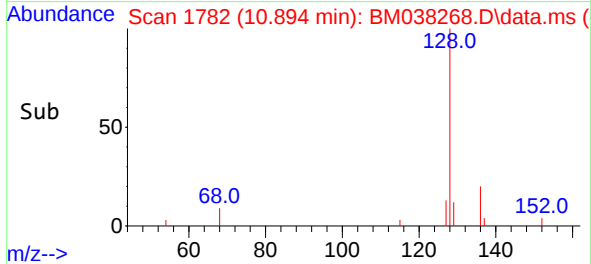
Instrument :
BNA_M
ClientSampleId :
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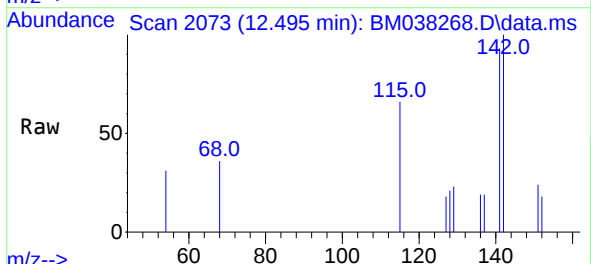
Tgt Ion:128 Resp: 129
Ion Ratio Lower Upper
128 100
129 20.4 9.4 14.0
127 19.1 10.7 16.1

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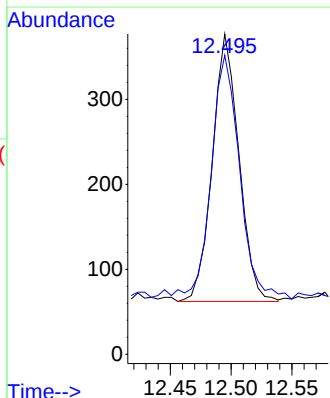
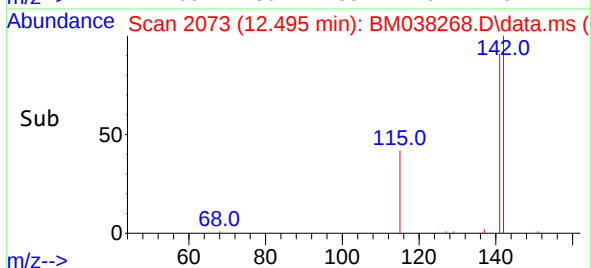
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

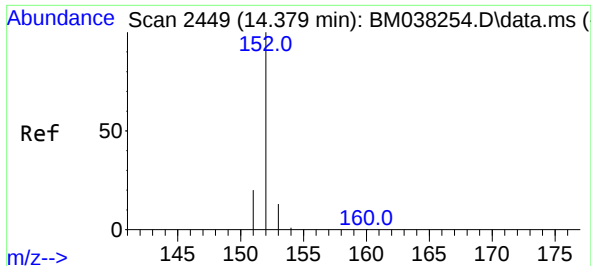


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



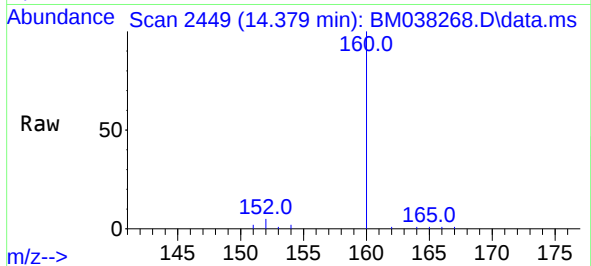
Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
141 97.1 71.9 107.9





#10
Acenaphthylene
Concen: 0.032 ng/u1
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

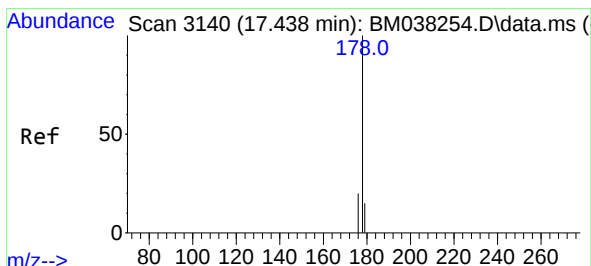
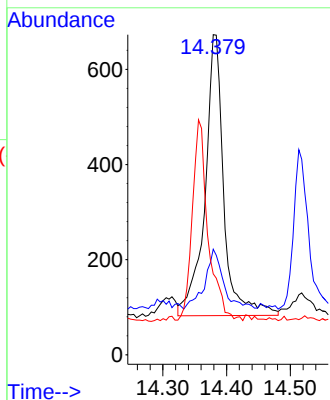
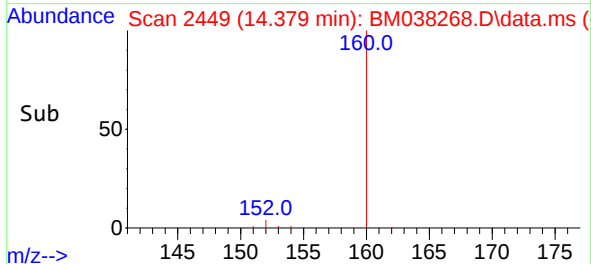
Instrument :
BNA_M
ClientSampleId :
DBYK3



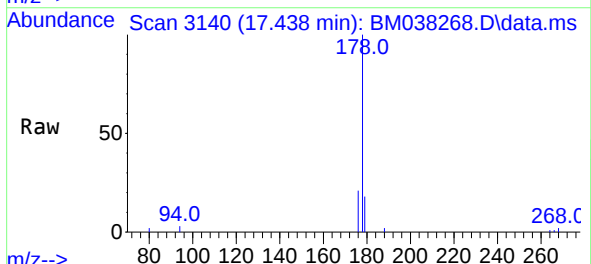
Tgt Ion:152 Resp: 1218
Ion Ratio Lower Upper
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151 33.0 16.2 24.2
153 25.3 10.7 16.1

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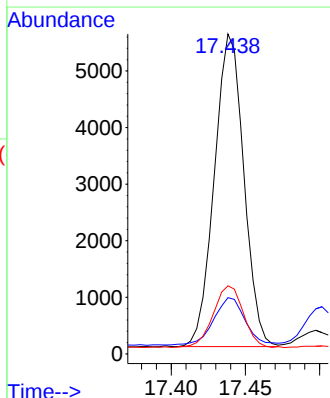
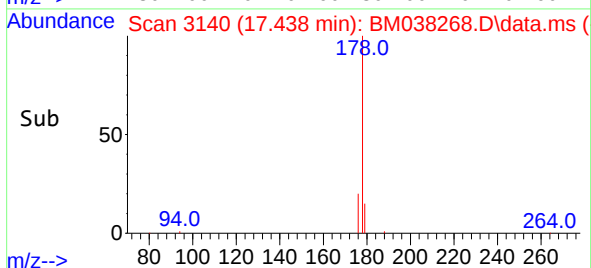
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

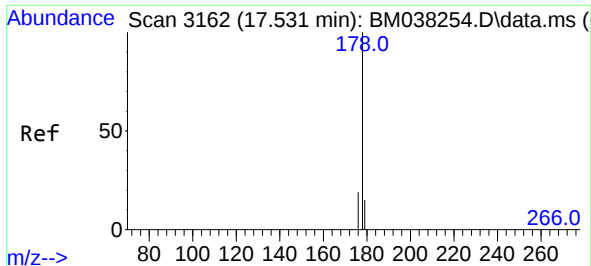


#15
Phenanthrene
Concen: 0.177 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



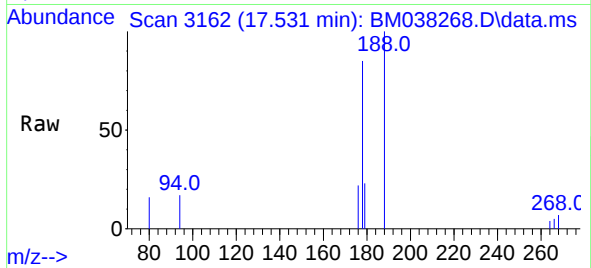
Tgt Ion:178 Resp: 7619
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.4
176 21.3 16.2 24.4





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08

Instrument :
 BNA_M
 ClientSampleId :
 DBYK3

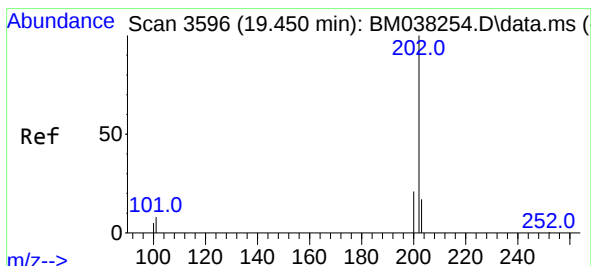
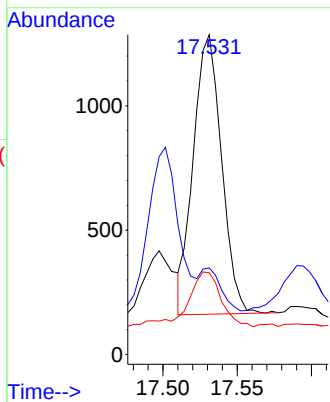
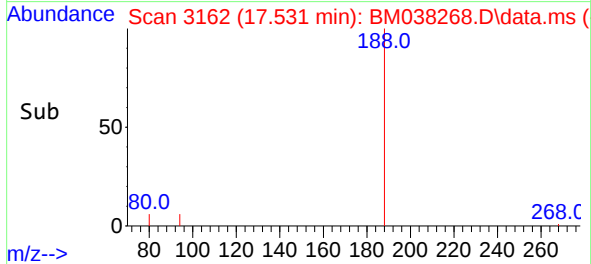


Tgt Ion:178 Resp: 1488

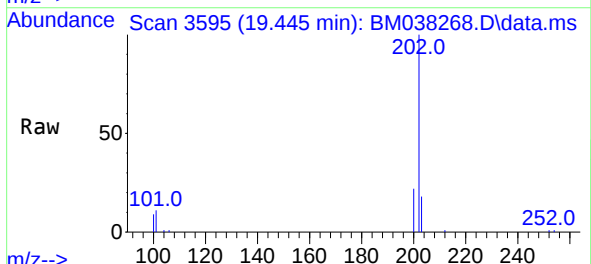
Ion	Ratio	Lower	Upper
178	100		
179	27.1	13.0	19.6
176	25.6	15.6	23.4

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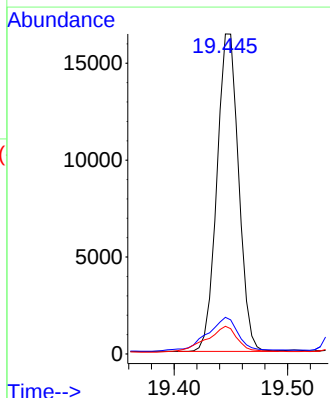
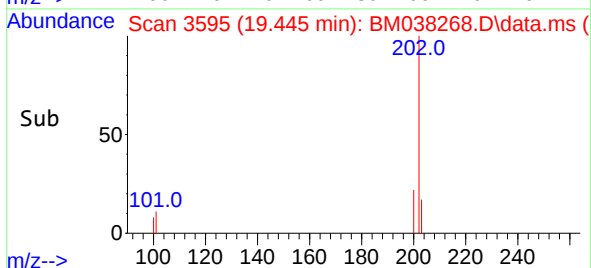


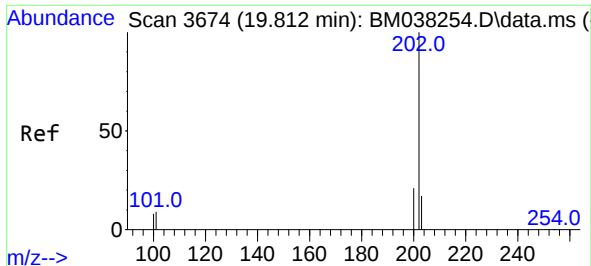
#19
 Fluoranthene
 Concen: 0.446 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08



Tgt Ion:202 Resp: 21753

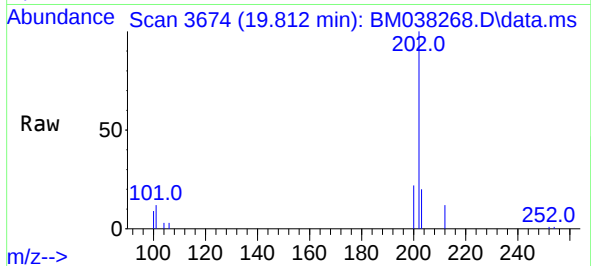
Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.5	11.3#
100	8.7	5.6	8.4#





#20
Pyrene
Concen: 0.374 ng/ul m
RT: 19.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

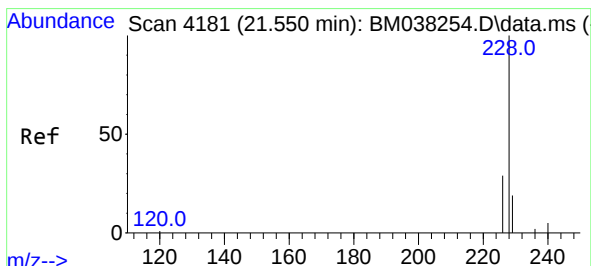
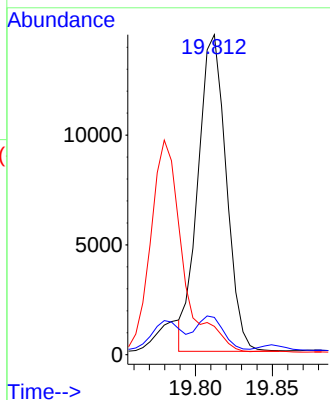
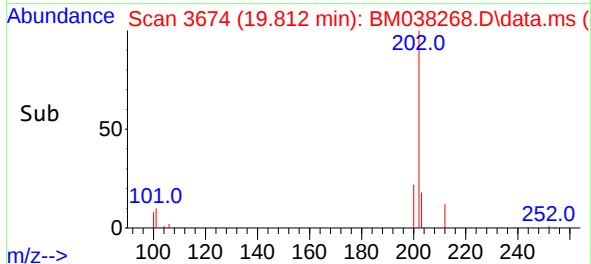
Instrument :
BNA_M
ClientSampleId :
DBYK3



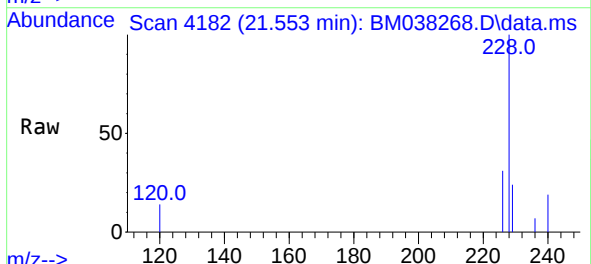
Tgt Ion:202 Resp: 18424
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
100 8.9 7.4 11.0

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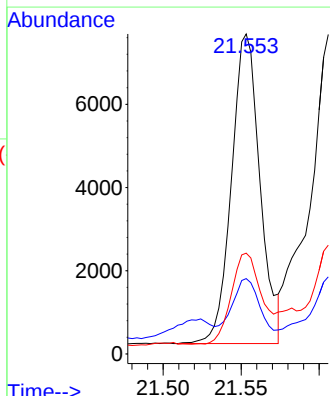
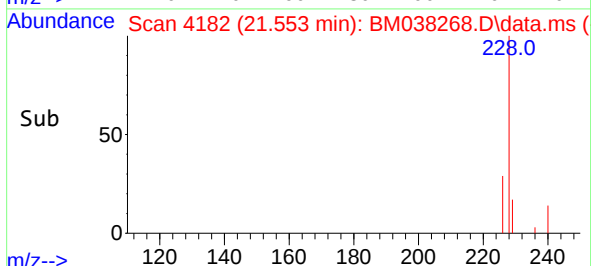
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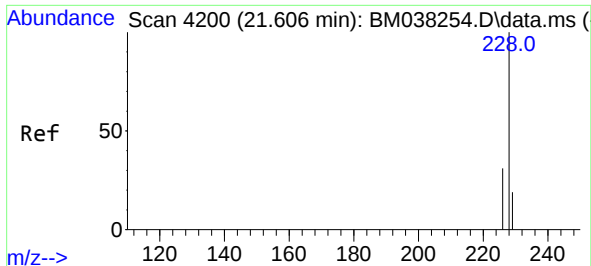


#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



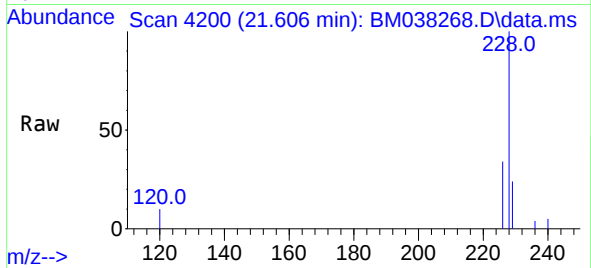
Tgt Ion:228 Resp: 9459
Ion Ratio Lower Upper
228 100
229 23.5 15.5 23.3#
226 31.5 22.2 33.2





#22
Chrysene
Concen: 0.302 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

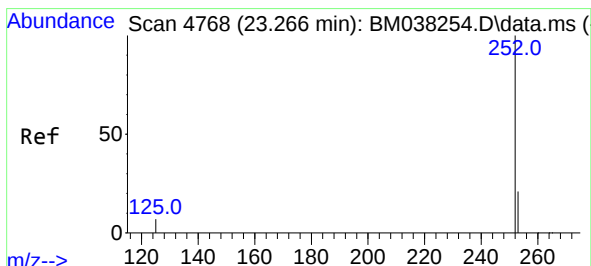
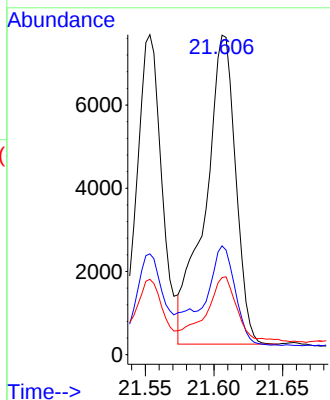
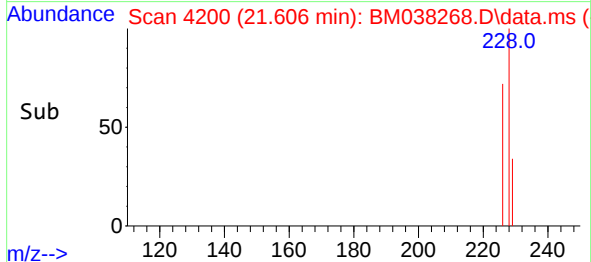
Instrument :
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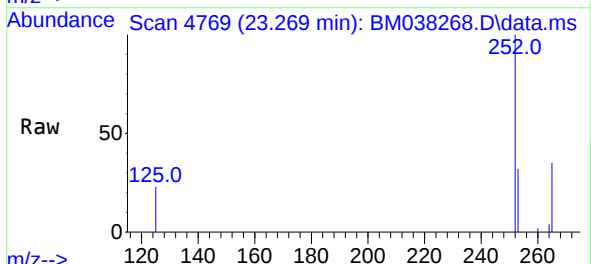
Tgt Ion:228 Resp: 1146
Ion Ratio Lower Upper
228 100
226 34.0 25.0 37.4
229 24.1 16.0 24.0

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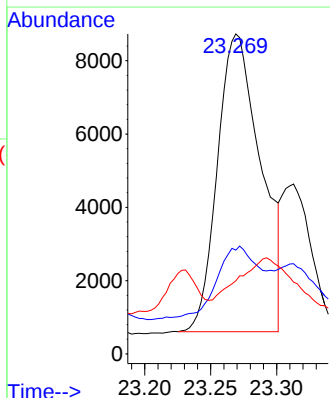
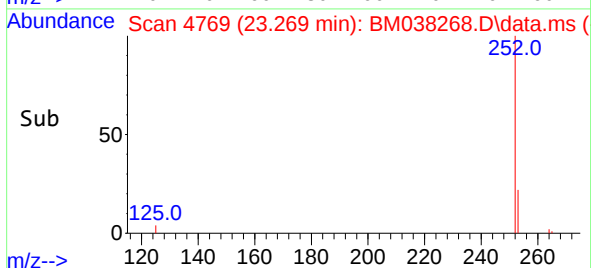
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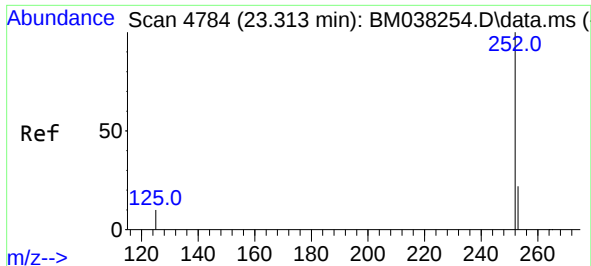


#24
Benzo(b)fluoranthene
Concen: 0.516 ng/u1
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



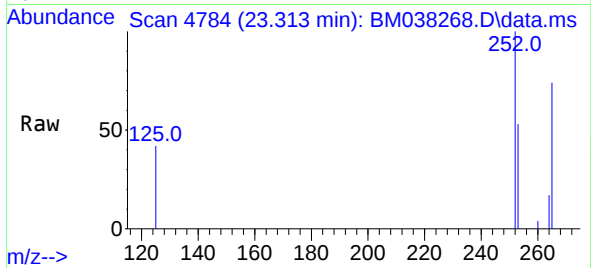
Tgt Ion:252 Resp: 18569
Ion Ratio Lower Upper
252 100
253 32.5 0.0 56.0
125 22.9 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

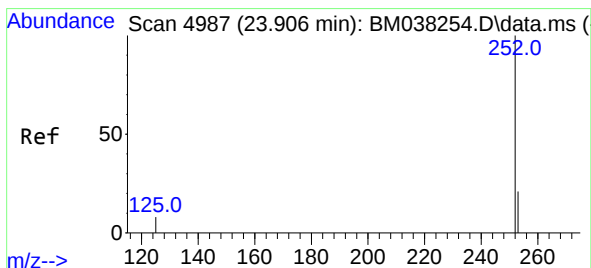
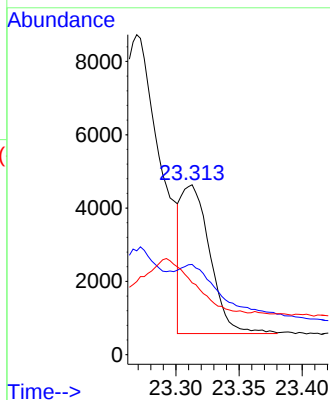
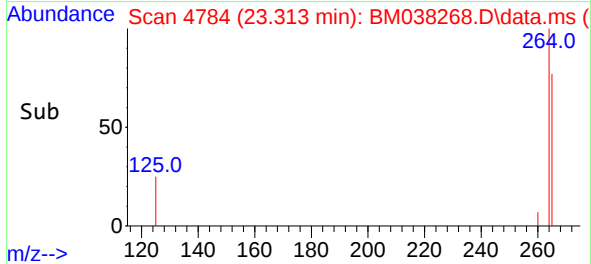
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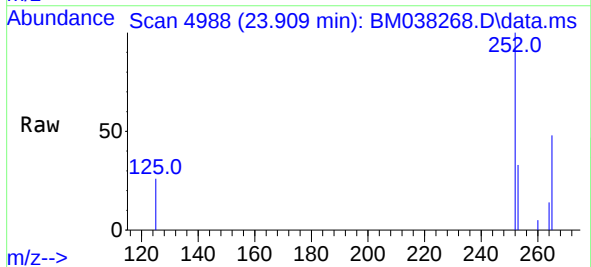
Tgt Ion:252 Resp: 6470
Ion Ratio Lower Upper
252 100
253 53.1 22.5 33.7
125 42.3 14.4 21.6

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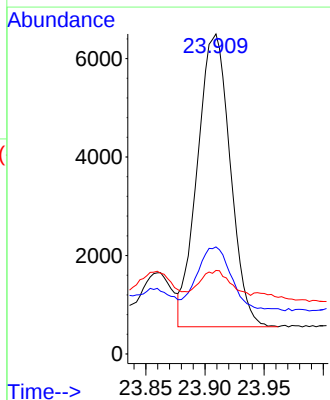
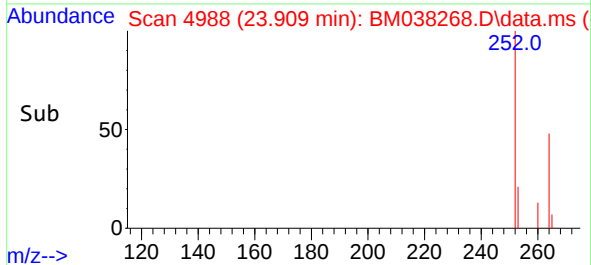
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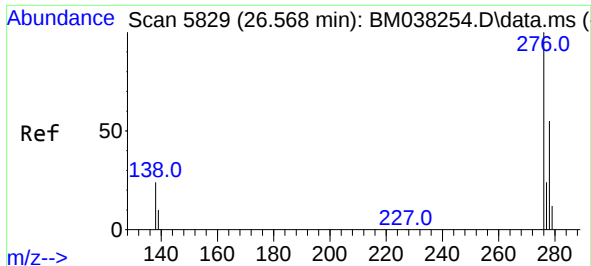


#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



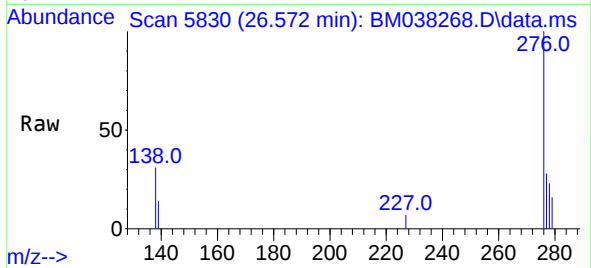
Tgt Ion:252 Resp: 11498
Ion Ratio Lower Upper
252 100
253 33.4 24.2 36.4
125 26.1 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. 0.004 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

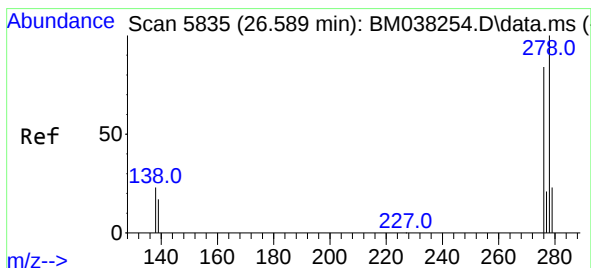
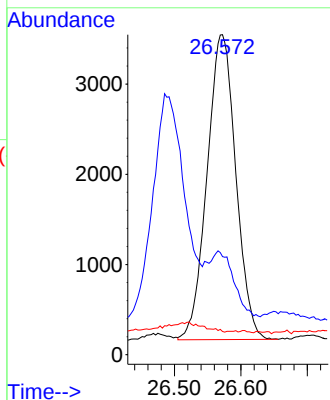
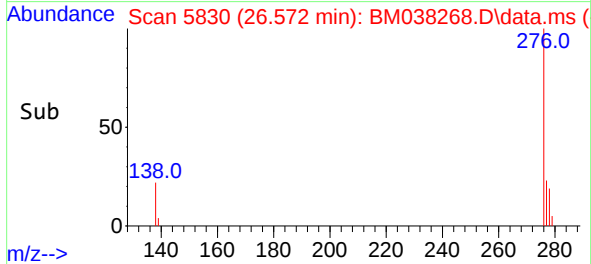
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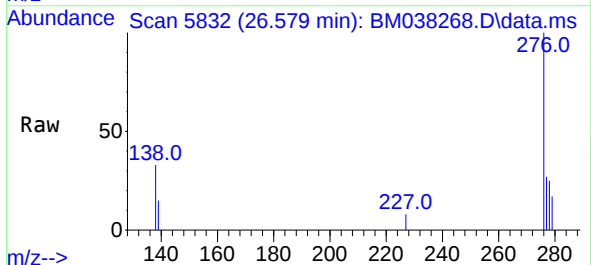
Tgt Ion:276 Resp: 10180
Ion Ratio Lower Upper
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138 0.0 21.7 32.5#
227 0.0 0.0 0.0

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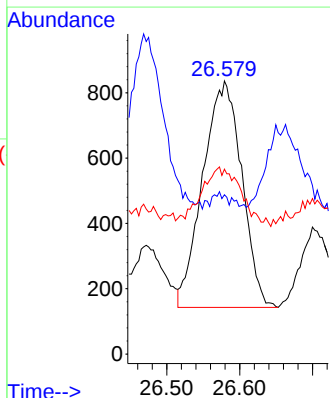
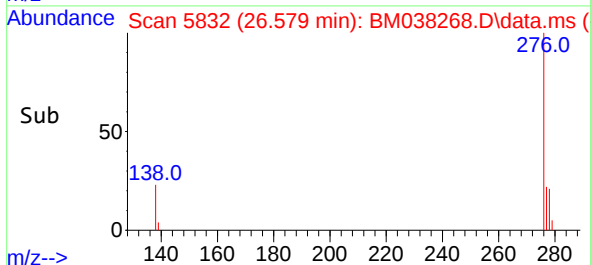
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

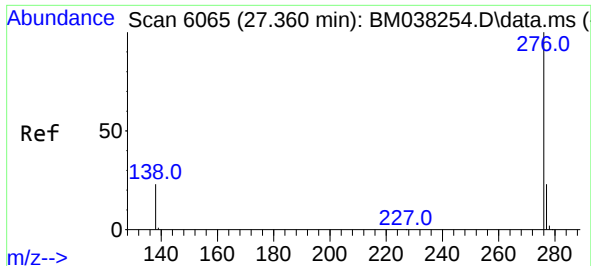


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.010 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08



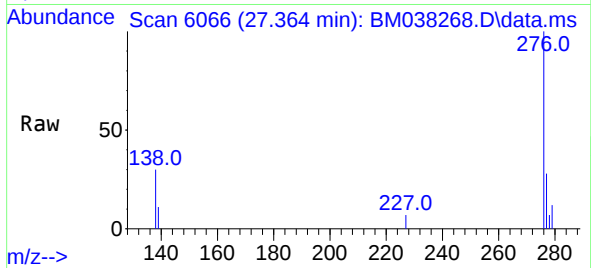
Tgt Ion:278 Resp: 2568
Ion Ratio Lower Upper
278 100
139 58.4 16.8 25.2#
279 67.7 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 27.364 min Scan# 6065
Delta R.T. 0.004 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

Instrument :
BNA_M
ClientSampleId :
DBYK3



Tgt Ion:276 Resp: 1084
Ion Ratio Lower Upper
276 100
138 29.9 20.8 31.2
277 27.9 20.5 30.7

Manual Integrations
APPROVED

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