

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038085.D
 Acq On : 17 Dec 2022 02:17
 Operator : CG/JU
 Sample : N5925-24
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYG6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 03:43:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5147	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16345	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	9404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	19866	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	15573	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	14651	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	26001	3.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	6503	0.273	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	14643	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	12133	0.245	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	2495	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1102	0.035	ng/ul	98
10) Acenaphthylene	14.402	152	13353	0.271	ng/ul	98
11) Acenaphthene	14.740	153	1668	0.045	ng/ul	97
12) Fluorene	15.725	166	3991	0.096	ng/ul	99
14) Pentachlorophenol	17.067	266	426	0.052	ng/ul	97
15) Phenanthrene	17.459	178	87715	1.311	ng/ul	99
16) Anthracene	17.548	178	18271	0.295	ng/ul	97
19) Fluoranthene	19.464	202	200713	2.495	ng/ul	96
20) Pyrene	19.826	202	140028m	1.705	ng/ul	
21) Benzo(a)anthracene	21.565	228	87024	1.293	ng/ul	99
22) Chrysene	21.620	228	88327m	1.301	ng/ul	
24) Benzo(b)fluoranthene	23.284	252	120909	1.740	ng/ul	91
25) Benzo(k)fluoranthene	23.330	252	39724m	0.592	ng/ul	
26) Benzo(a)pyrene	23.930	252	66034	1.128	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.599	276	48311	0.658	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.609	278	13073	0.228	ng/ul#	90
29) Benzo(g,h,i)perylene	27.394	276	32540	0.522	ng/ul	97

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

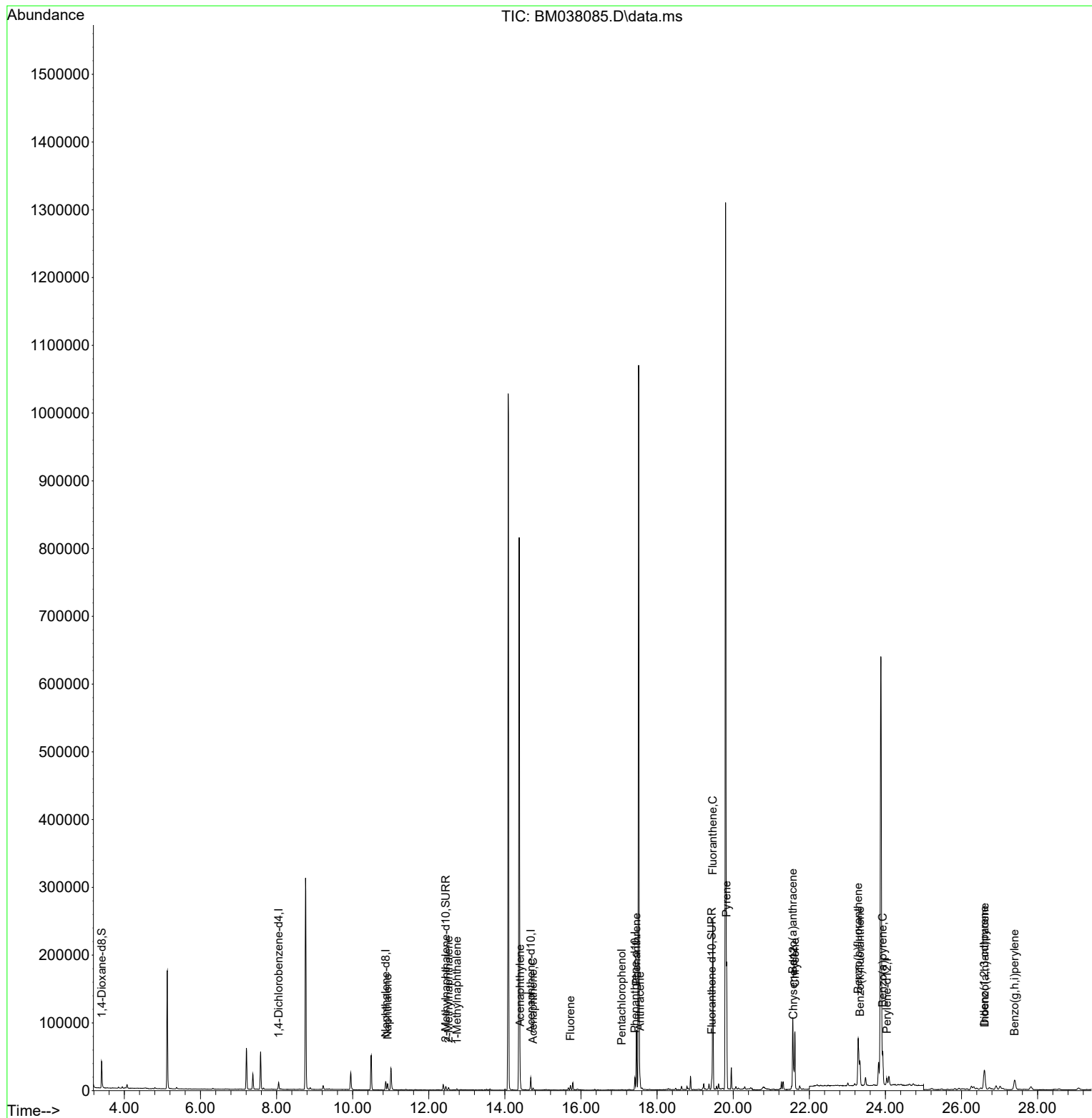
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038085.D
Acq On : 17 Dec 2022 02:17
Operator : CG/JU
Sample : N5925-24
Misc :
ALS Vial : 66 Sample Multiplier: 1

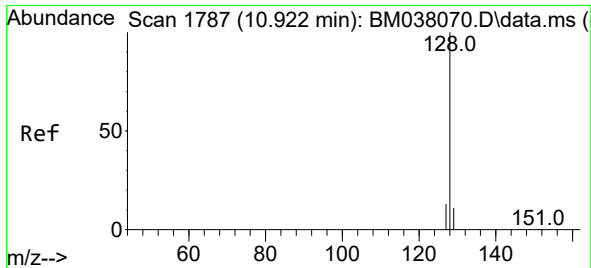
Instrument :
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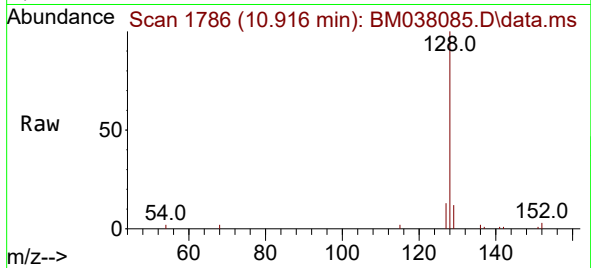
Quant Time: Dec 17 03:43:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

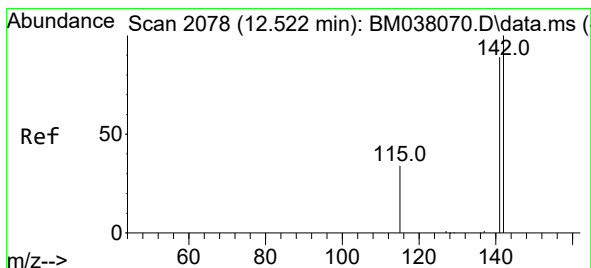
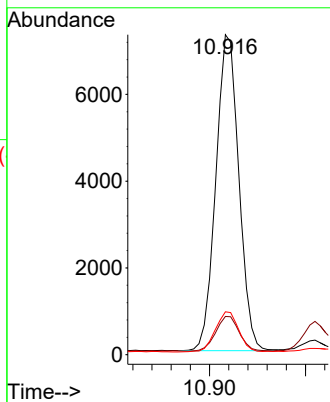
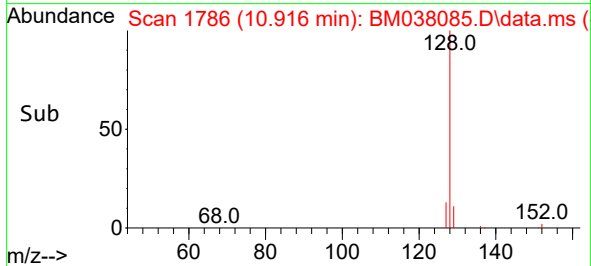
Instrument :
BNA_M
ClientSampleId :
DBYG6



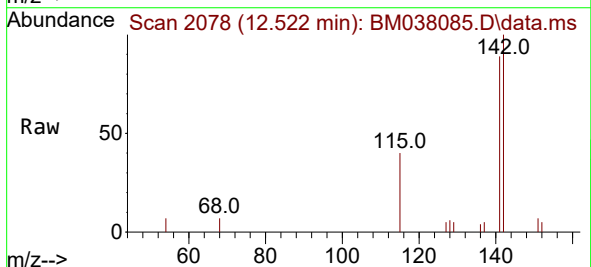
Tgt Ion:128 Resp: 1213
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.4 10.4 15.6

Manual Integrations
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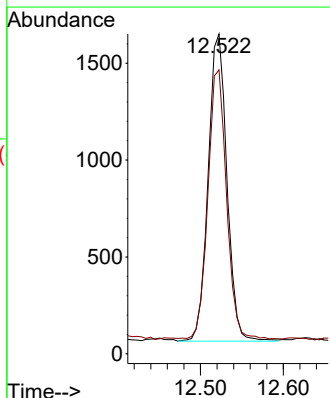
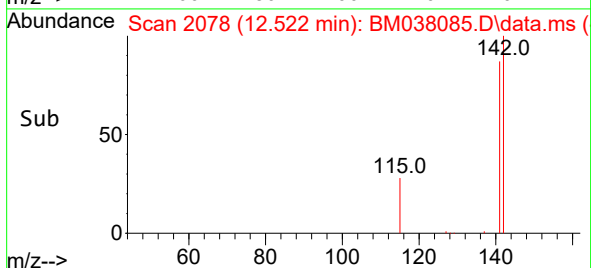
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

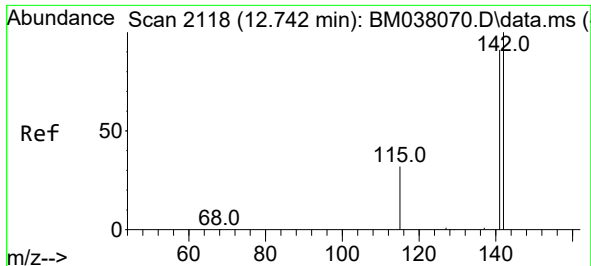


#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17



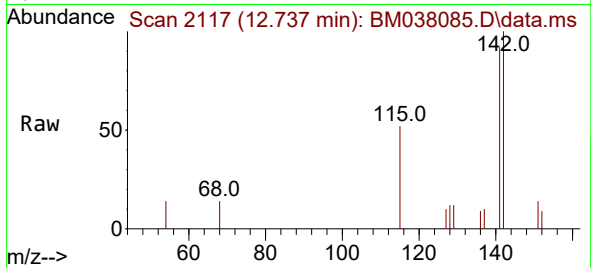
Tgt Ion:142 Resp: 2495
Ion Ratio Lower Upper
142 100
141 86.9 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

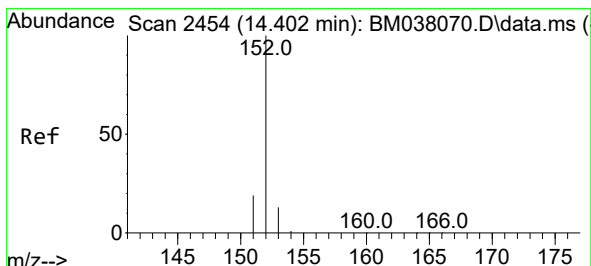
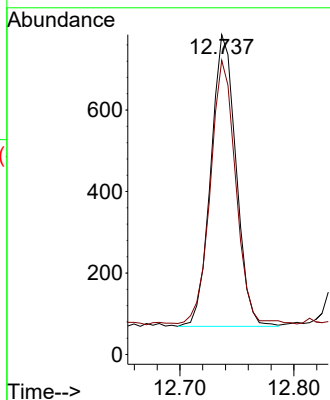
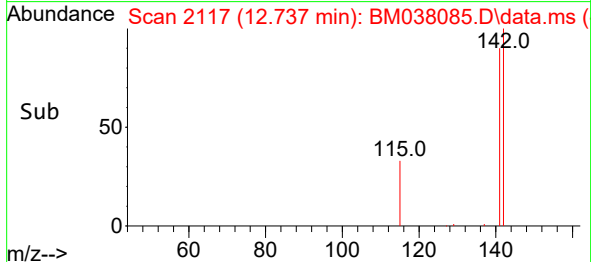
Instrument :
BNA_M
ClientSampleId :
DBYG6



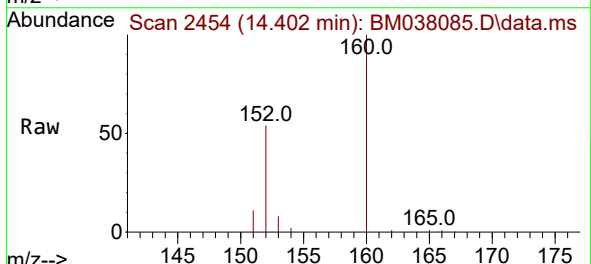
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
141 90.4 73.6 110.4

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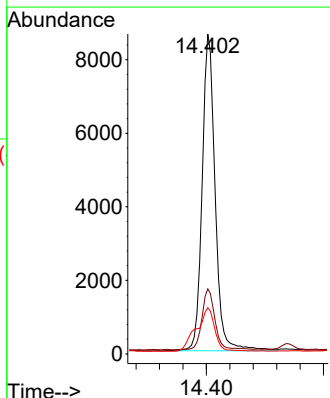
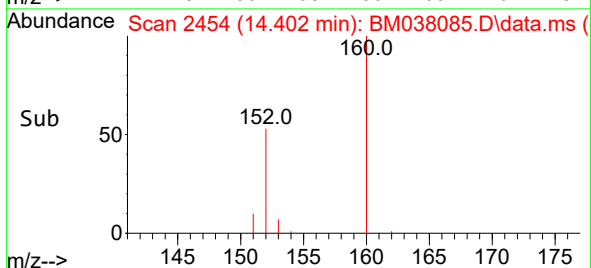
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

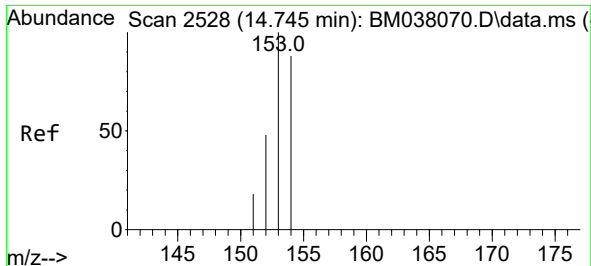


#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17



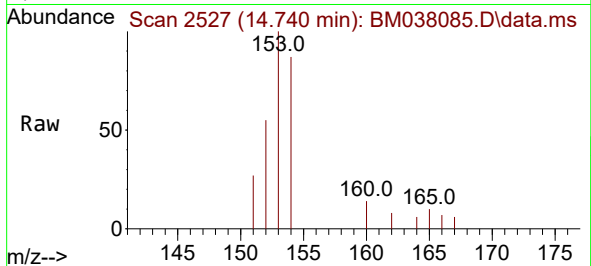
Tgt Ion:152 Resp: 13353
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 14.4 11.0 16.4





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

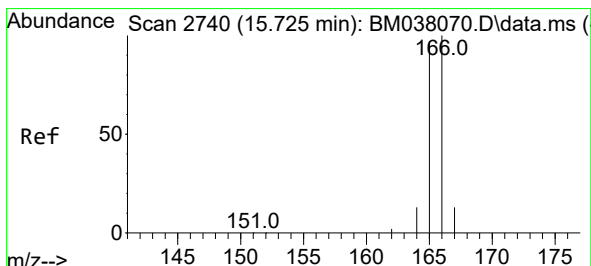
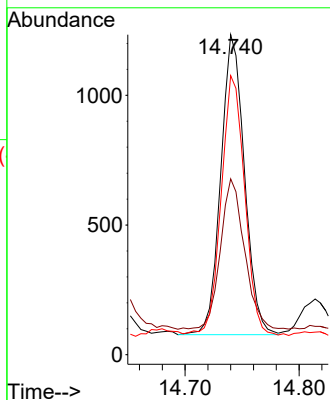
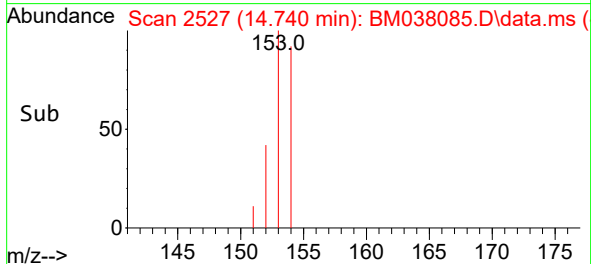
Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:153 Resp: 1668
Ion Ratio Lower Upper
153 100
152 54.9 39.5 59.3
154 87.2 69.2 103.8

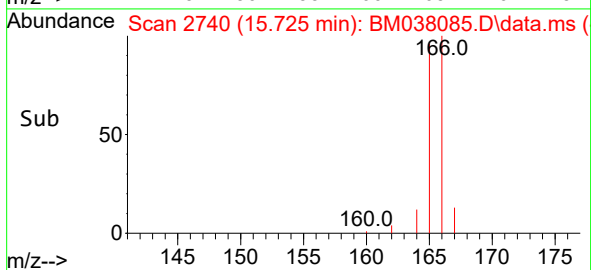
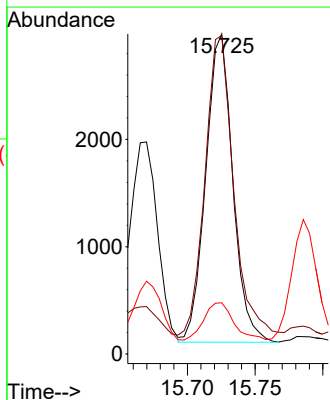
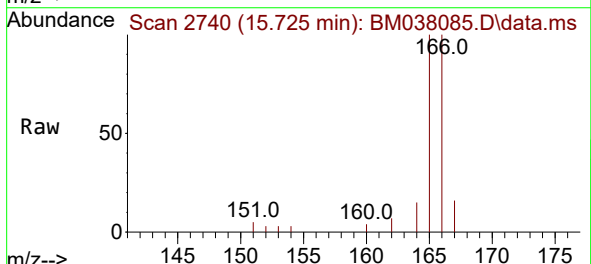
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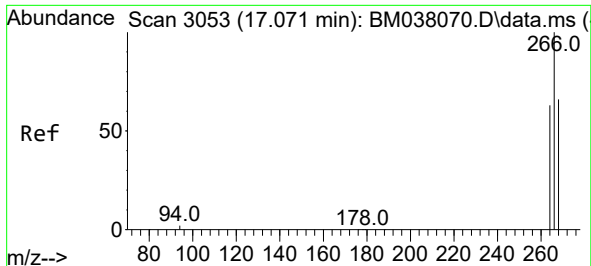
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.725 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

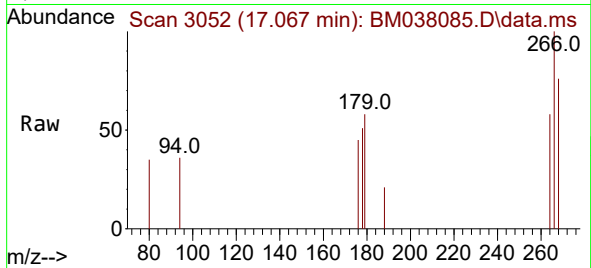
Tgt Ion:166 Resp: 3991
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 16.0 11.1 16.7





#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 17.067 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

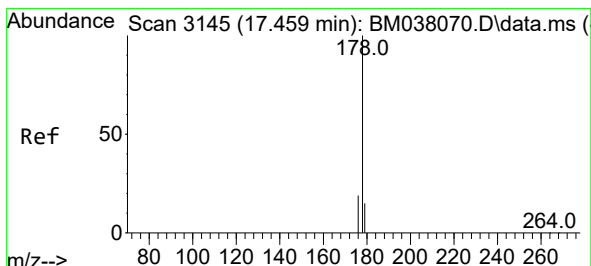
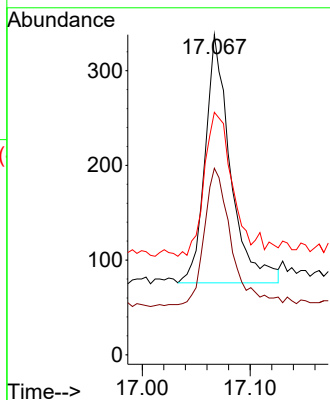
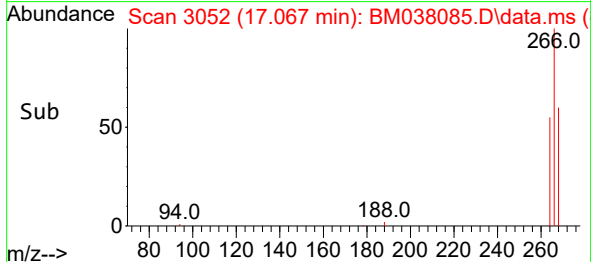
Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:266 Resp: 420
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 69.5 52.0 78.0

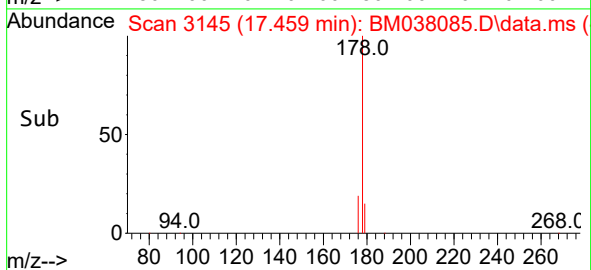
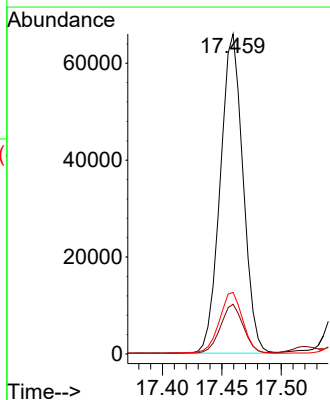
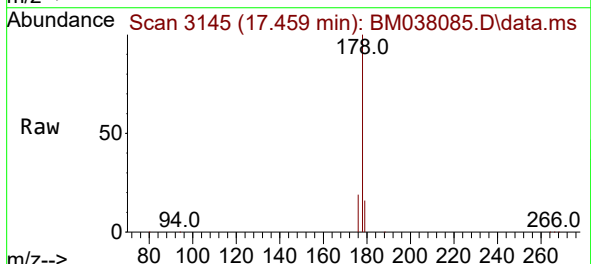
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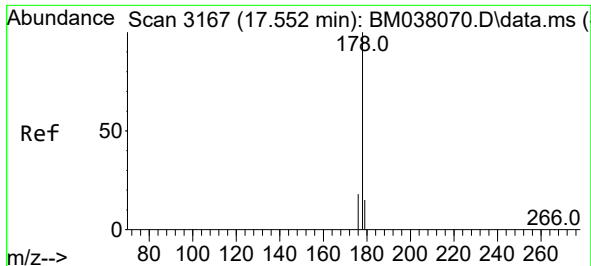
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#15
Phenanthrene
Concen: 1.311 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

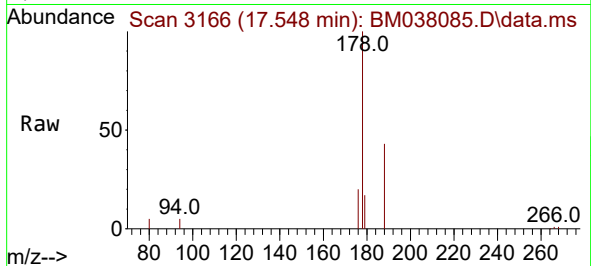
Tgt Ion:178 Resp: 87715
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.8 23.6





#16
 Anthracene
 Concen: 0.295 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.008 min
 Lab File: BM038085.D
 Acq: 17 Dec 2022 02:17

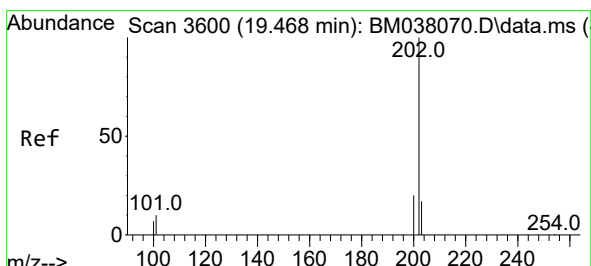
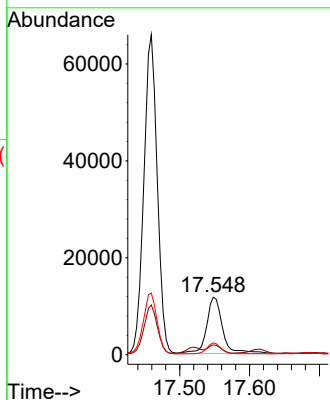
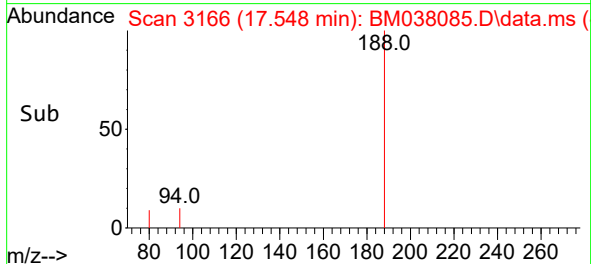
Instrument :
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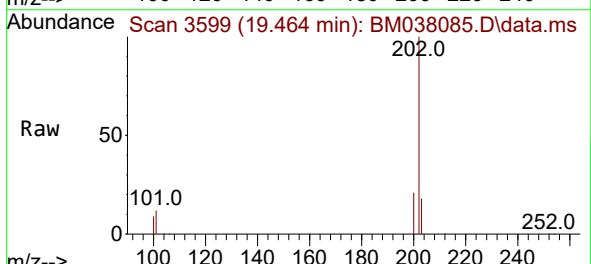
Tgt Ion:178 Resp: 1827
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.0 19.4
 176 20.3 15.0 22.4

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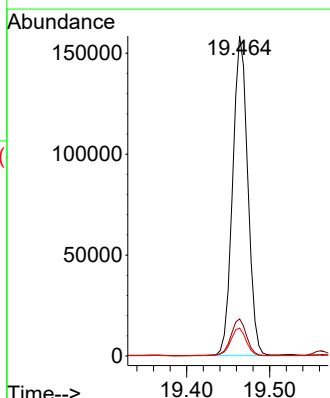
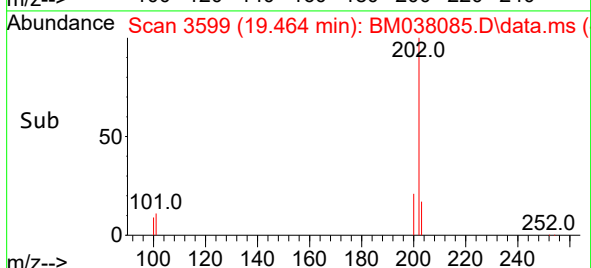
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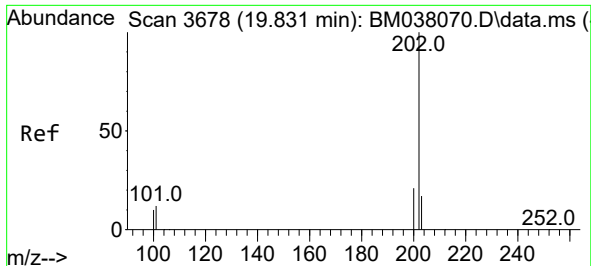


#19
 Fluoranthene
 Concen: 2.495 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038085.D
 Acq: 17 Dec 2022 02:17



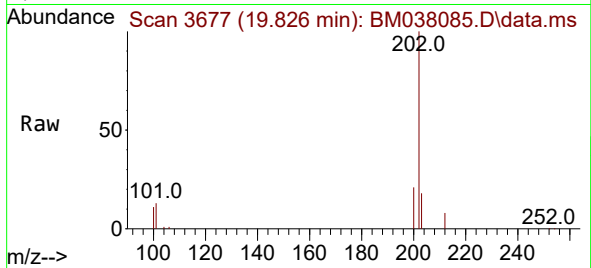
Tgt Ion:202 Resp: 200713
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.6 15.8
 100 8.7 7.9 11.9





#20
Pyrene
Concen: 1.705 ng/ul m
RT: 19.826 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

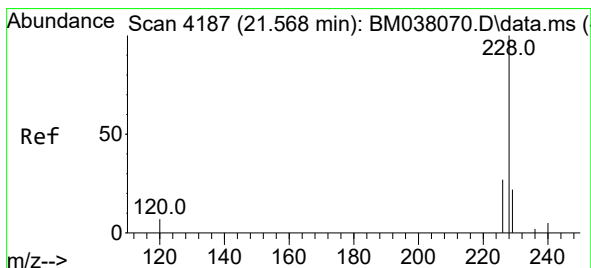
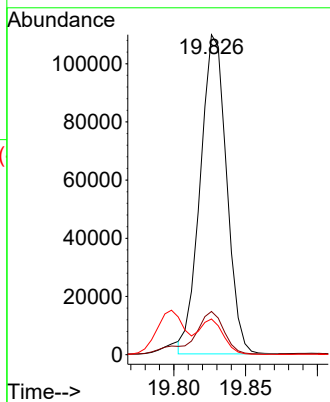
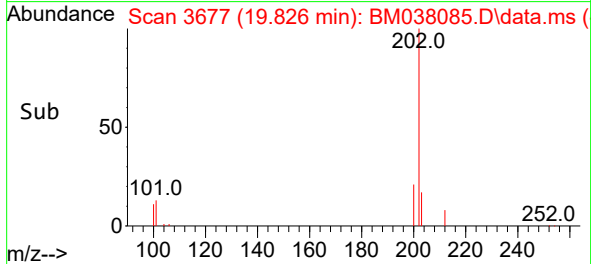
Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:202 Resp: 140028
Ion Ratio Lower Upper
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101 13.5 12.1 18.1
100 11.2 9.8 14.6

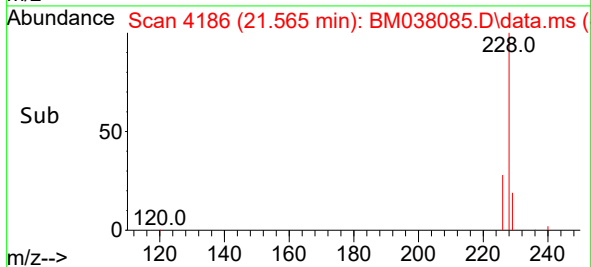
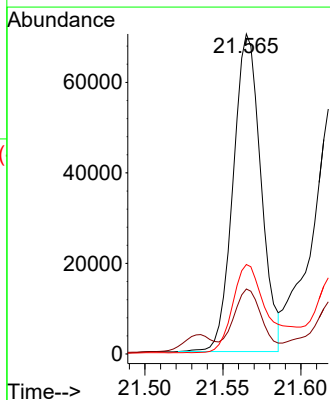
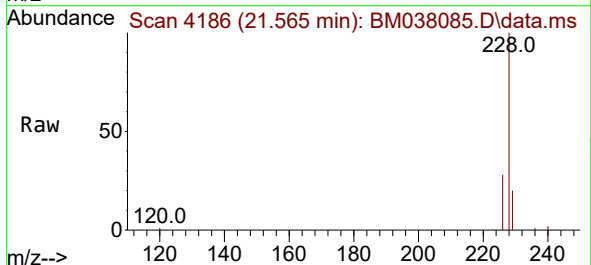
Manual Integrations
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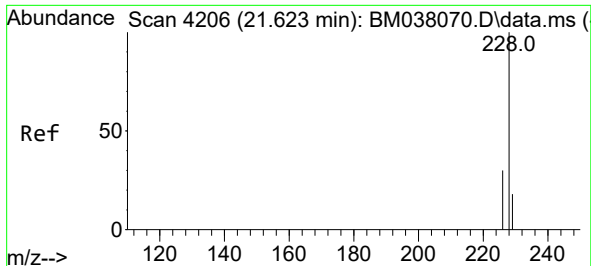
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#21
Benzo(a)anthracene
Concen: 1.293 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

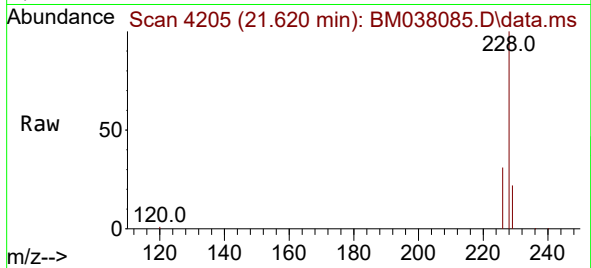
Tgt Ion:228 Resp: 87024
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.0 22.1 33.1





#22
Chrysene
Concen: 1.301 ng/ul m
RT: 21.620 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

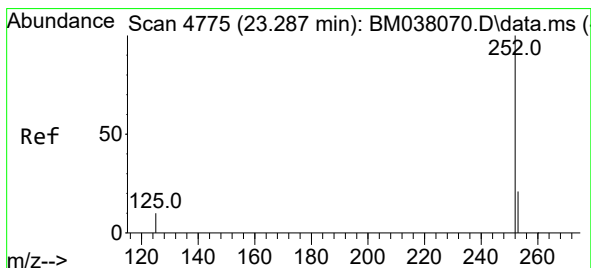
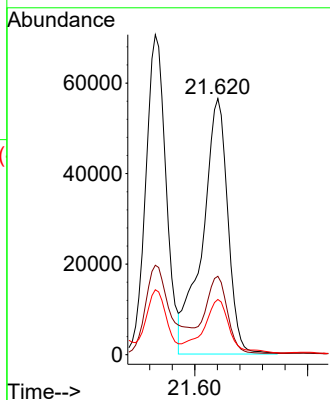
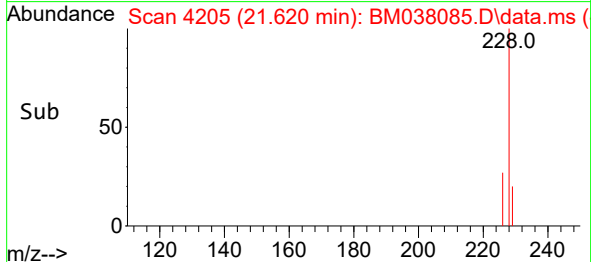
Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:228 Resp: 8832
Ion Ratio Lower Upper
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226 30.6 24.1 36.1
229 21.5 15.7 23.5

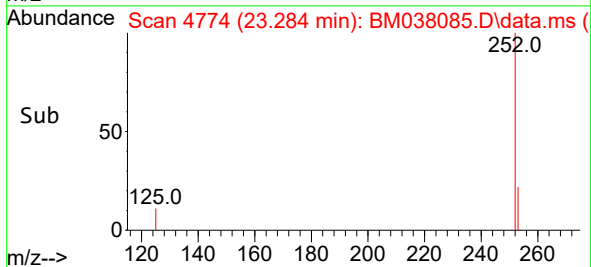
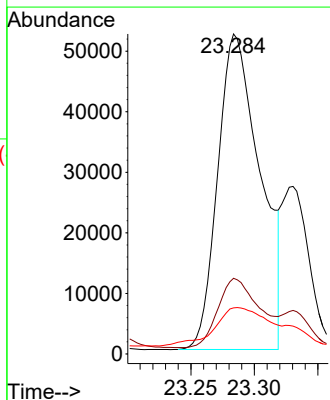
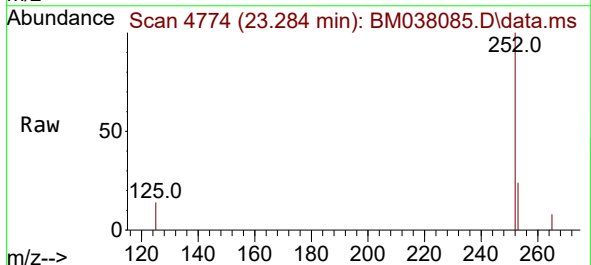
Manual Integrations
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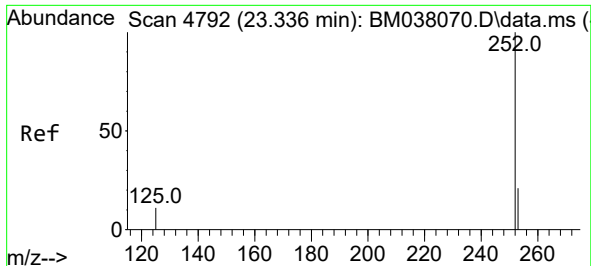
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Benzo(b)fluoranthene
Concen: 1.740 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

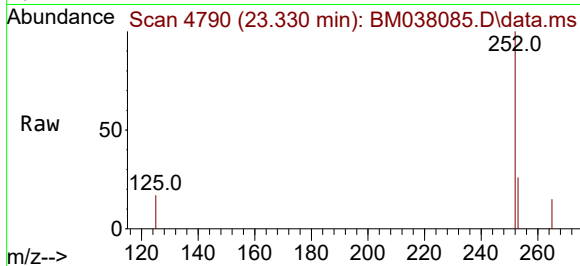
Tgt Ion:252 Resp: 120909
Ion Ratio Lower Upper
252 100
253 23.7 0.0 51.8
125 14.4 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.592 ng/ul m
RT: 23.330 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

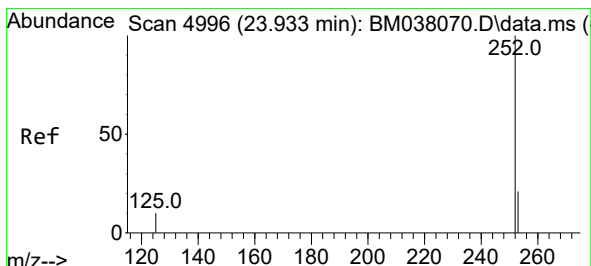
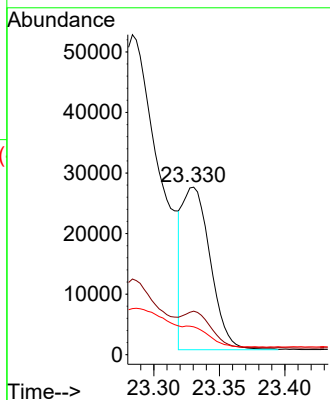
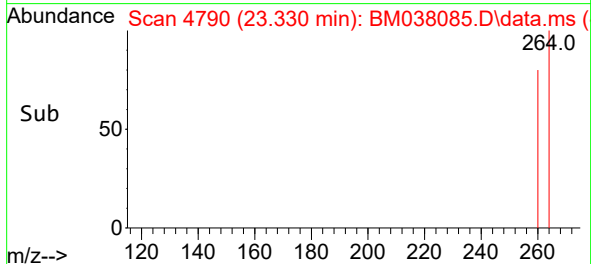
Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:252 Resp: 39724
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 16.6 17.1 25.7

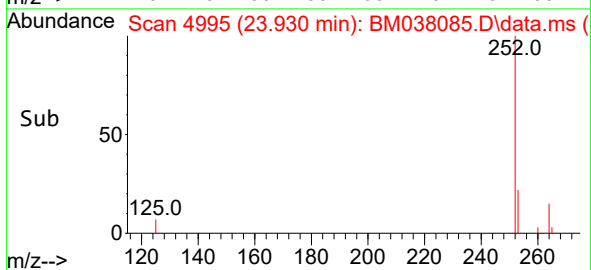
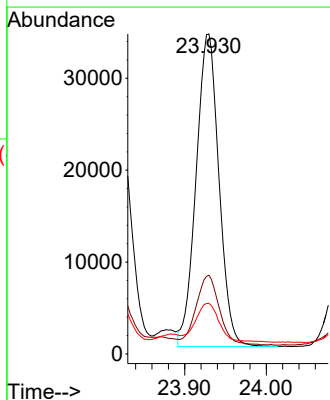
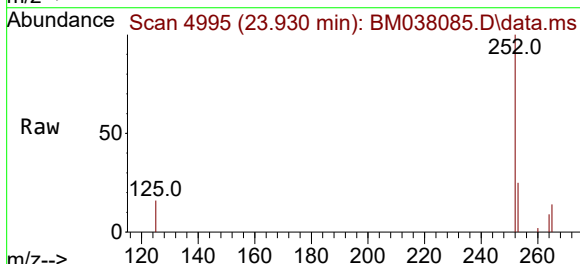
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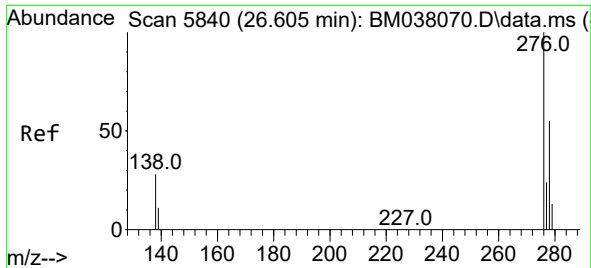
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
Benzo(a)pyrene
Concen: 1.128 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

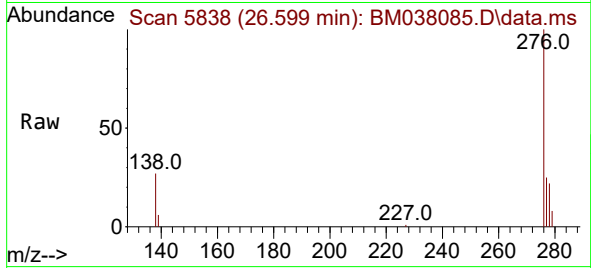
Tgt Ion:252 Resp: 66034
Ion Ratio Lower Upper
252 100
253 24.6 21.9 32.9
125 15.8 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.658 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.010 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

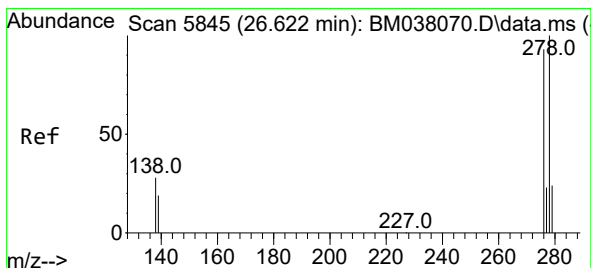
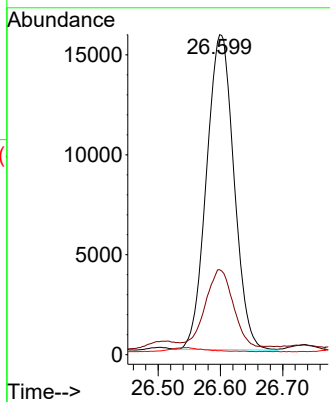
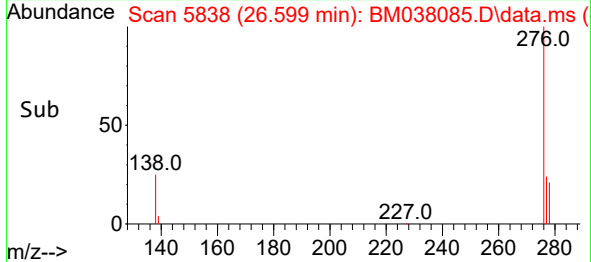
Instrument :
BNA_M
ClientSampleId :
DBYG6



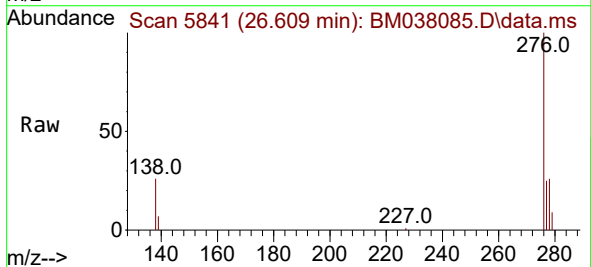
Tgt Ion: 276 Resp: 4831
Ion Ratio Lower Upper
276 100
138 25.3 26.6 40.0
227 0.0 0.1 0.1

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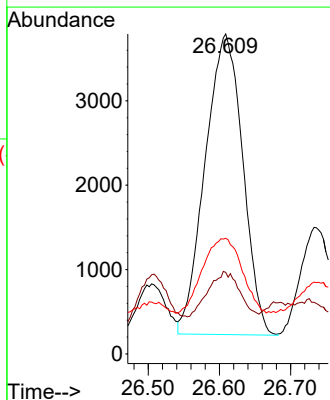
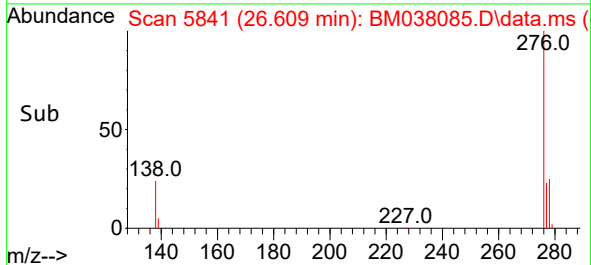
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

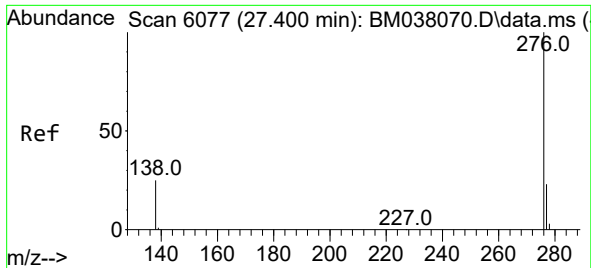


#28
Dibenzo(a,h)anthracene
Concen: 0.228 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.013 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17



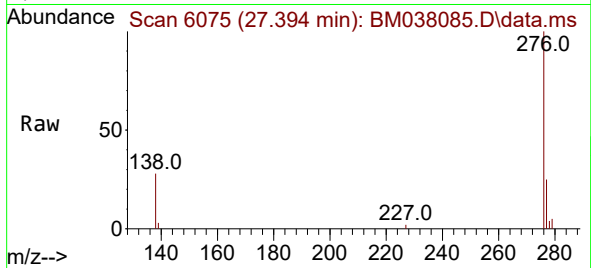
Tgt Ion: 278 Resp: 13073
Ion Ratio Lower Upper
278 100
139 25.5 19.0 28.6
279 36.2 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 0.522 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.007 min
Lab File: BM038085.D
Acq: 17 Dec 2022 02:17

Instrument :
BNA_M
ClientSampleId :
DBYG6



Tgt Ion:276 Resp: 32540
Ion Ratio Lower Upper
276 100
138 27.6 24.1 36.1
277 24.8 19.0 28.6

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Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

