

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042999.D
 Acq On : 25 Nov 2023 03:36
 Operator : MA/JU
 Sample : PB157096BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS096

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 04:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	570	0.400	ng/ul	0.03
4) Naphthalene-d8	10.660	136	2151	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	1376	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.245	188	2909	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	1826	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	2130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	631	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.271	152	927	0.322	ng/ul	0.02
18) Fluoranthene-d10	19.266	212	2210	0.332	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	1838	1.957	ng/ul#	86
5) Naphthalene	10.715	128	1754	0.300	ng/ul	93
7) 2-Methylnaphthalene	12.343	142	1015	0.294	ng/ul	98
8) 1-Methylnaphthalene	12.530	142	1116	0.290	ng/ul	95
10) Acenaphthylene	14.205	152	2051	0.292	ng/ul	97
11) Acenaphthene	14.538	153	1611	0.303	ng/ul	98
12) Fluorene	15.546	166	1699	0.311	ng/ul#	98
14) Pentachlorophenol	16.895	266	489	0.621	ng/ul	97
15) Phenanthrene	17.279	178	2531	0.305	ng/ul	99
16) Anthracene	17.402	178	2037m	0.259	ng/ul	
19) Fluoranthene	19.298	202	3255	0.314	ng/ul	98
20) Pyrene	19.661	202	3458	0.314	ng/ul	99
21) Benzo(a)anthracene	21.415	228	1872	0.316	ng/ul	100
22) Chrysene	21.462	228	3642	0.330	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	2532	0.352	ng/ul	99
25) Benzo(k)fluoranthene	23.101	252	3504	0.354	ng/ul	98
26) Benzo(a)pyrene	23.683	252	2504	0.319	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.262	276	3292	0.310	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.286	278	2489	0.303	ng/ul	95
29) Benzo(g,h,i)perylene	27.020	276	3234	0.313	ng/ul	99

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

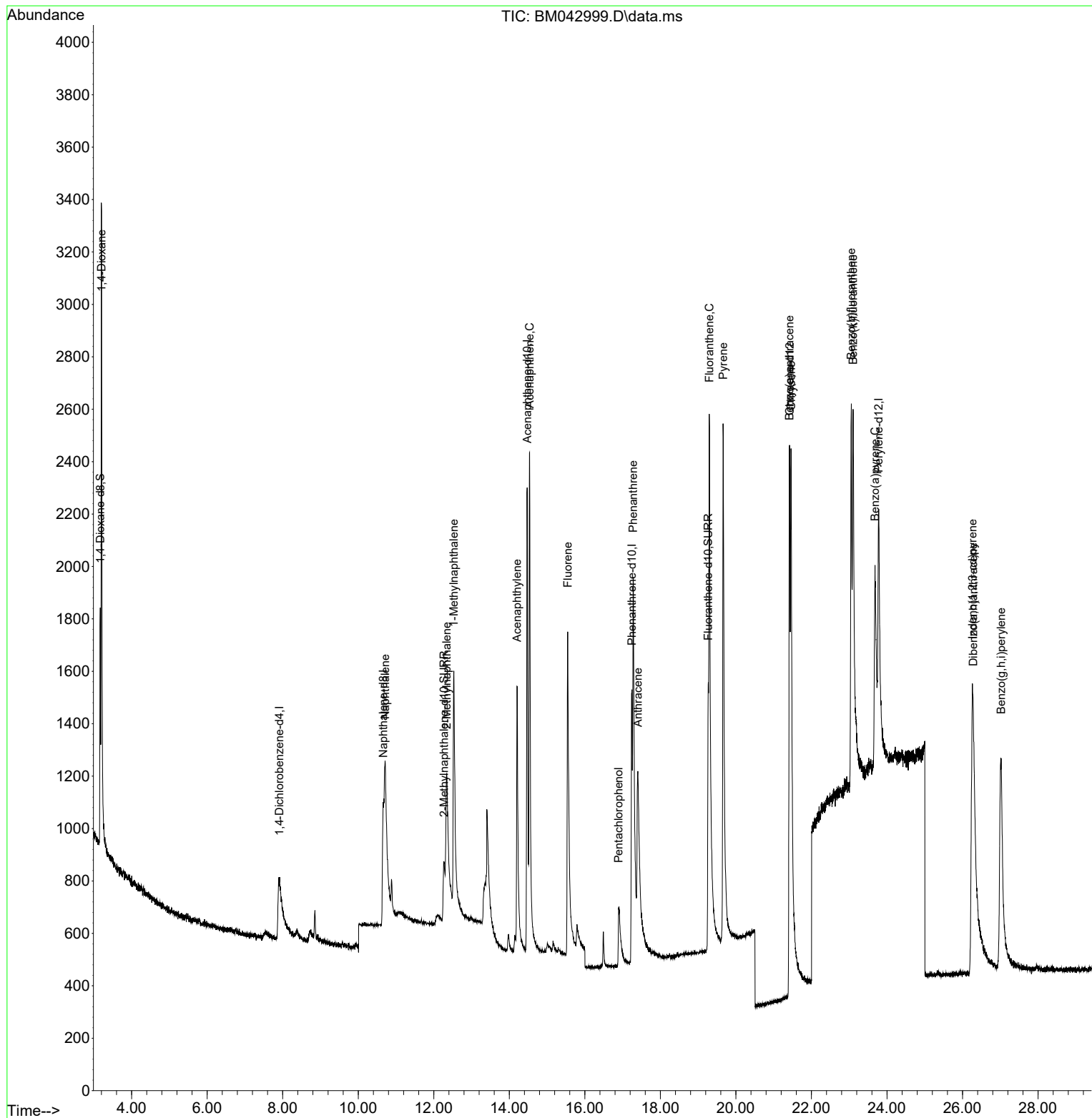
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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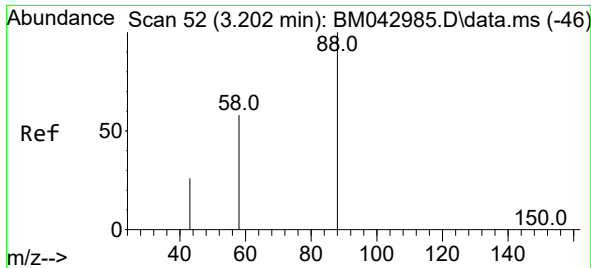
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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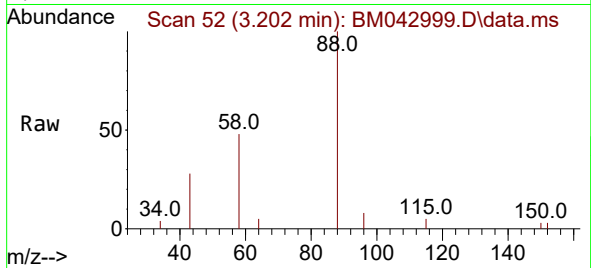
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023





#2
1,4-Dioxane
Concen: 1.957 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

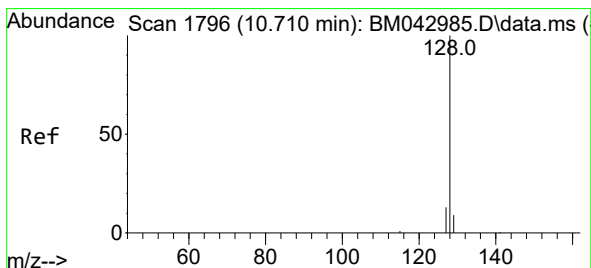
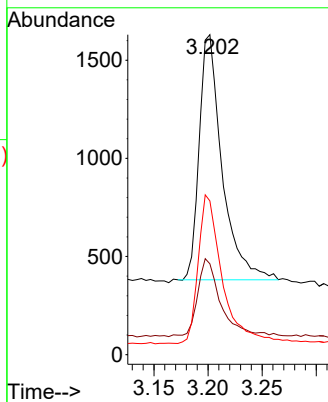
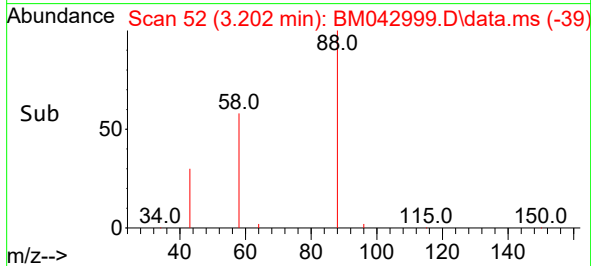
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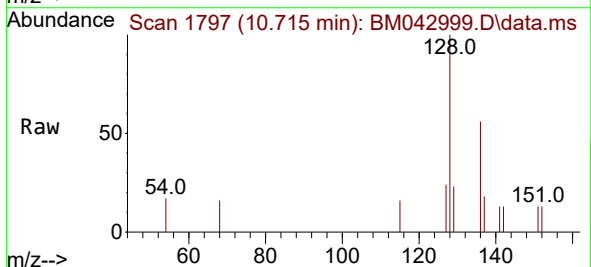
Tgt Ion: 88 Resp: 1838
Ion Ratio Lower Upper
88 100
43 28.4 22.8 34.2
58 48.0 26.8 40.2

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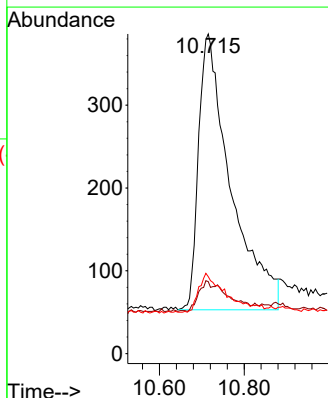
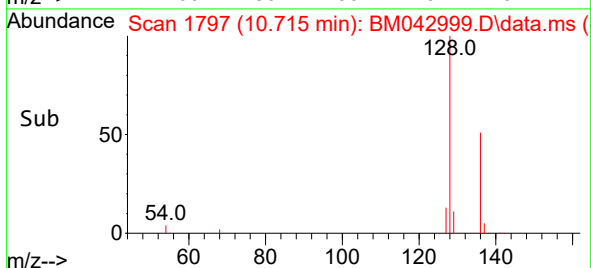
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

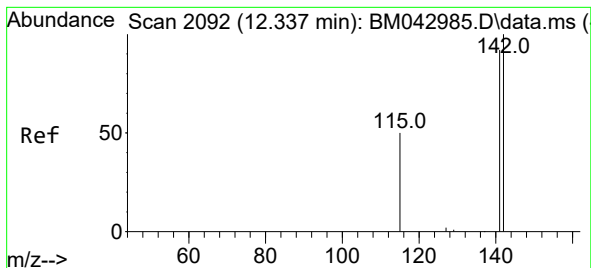


#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.715 min Scan# 1797
Delta R.T. 0.017 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36



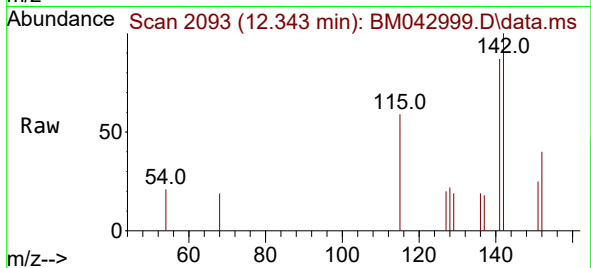
Tgt Ion:128 Resp: 1754
Ion Ratio Lower Upper
128 100
129 22.5 16.0 24.0
127 24.1 16.5 24.7





#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.343 min Scan# 2092
Delta R.T. 0.011 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

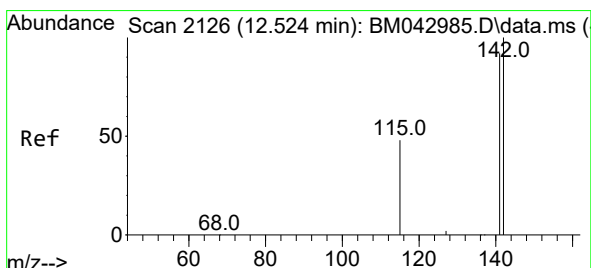
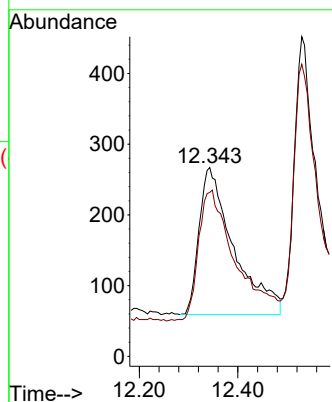
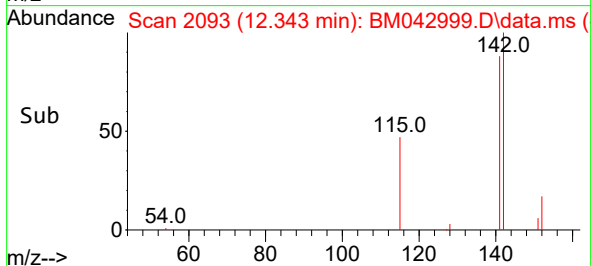
Instrument :
BNA_M
ClientSampleId :
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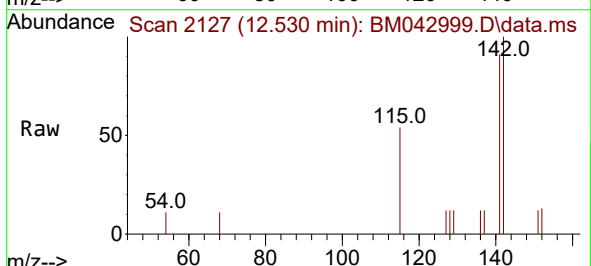
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
141 97.0 76.1 114.1

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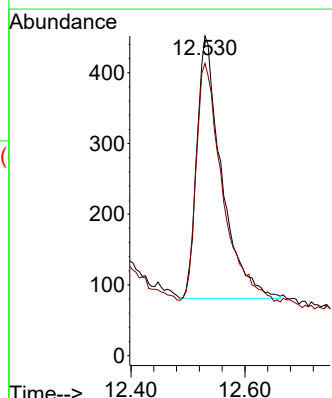
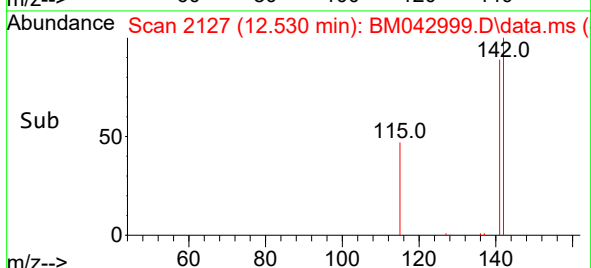
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

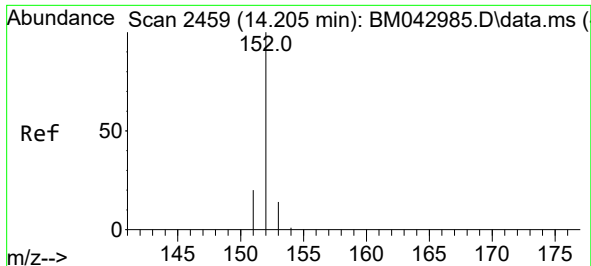


#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.530 min Scan# 2127
Delta R.T. 0.011 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36



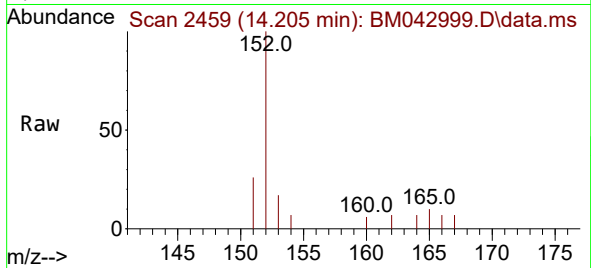
Tgt Ion:142 Resp: 1116
Ion Ratio Lower Upper
142 100
141 97.5 73.8 110.8





#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

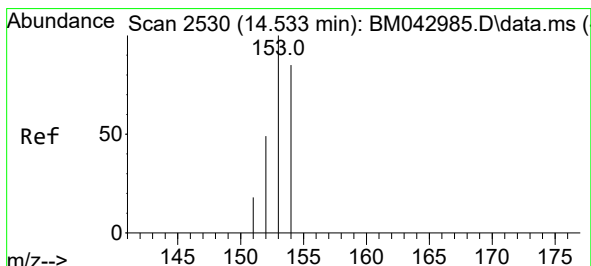
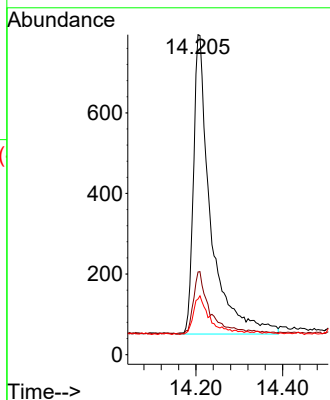
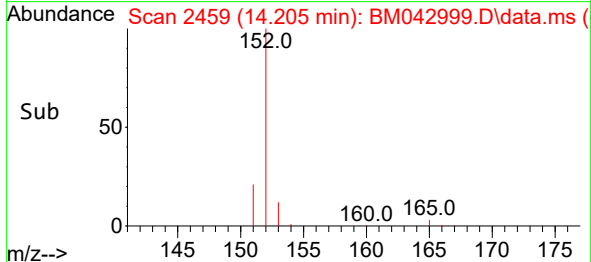
Instrument :
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ClientSampleId :
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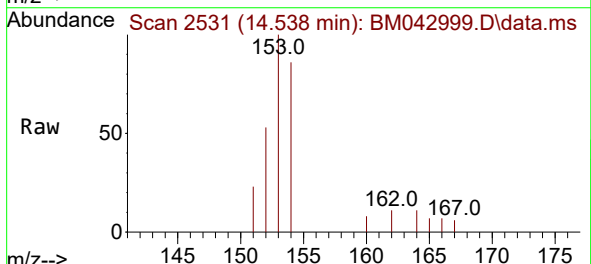
Tgt Ion:152 Resp: 205
Ion Ratio Lower Upper
152 100
151 25.8 19.4 29.0
153 17.4 14.6 21.8

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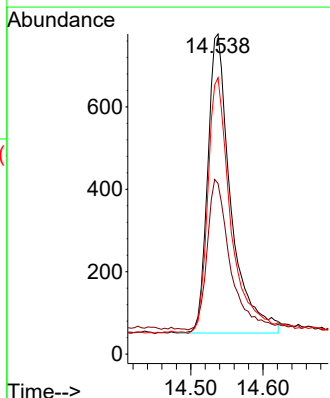
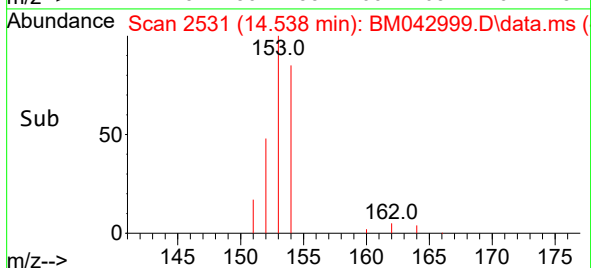
Reviewed By :Yogesh Patel 11/27/2023
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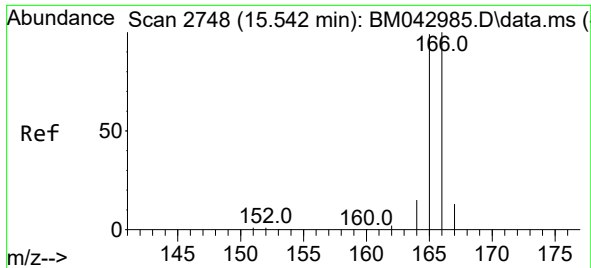


#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.538 min Scan# 2531
Delta R.T. 0.005 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36



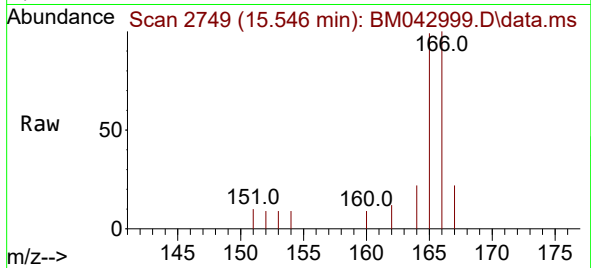
Tgt Ion:153 Resp: 1611
Ion Ratio Lower Upper
153 100
152 53.3 43.9 65.9
154 86.4 70.6 105.8





#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.546 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

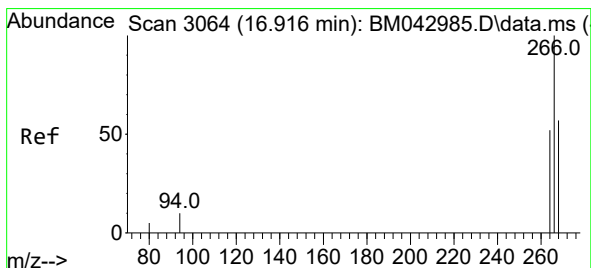
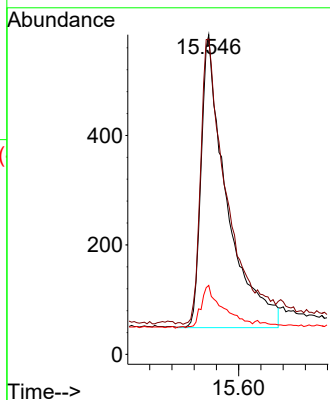
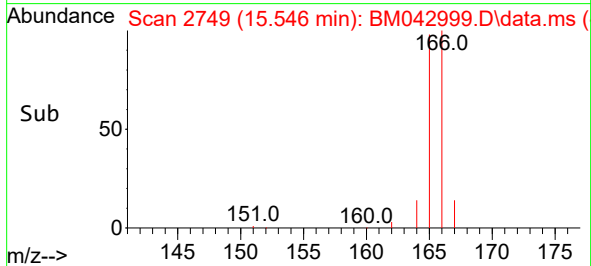
Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 1699
Ion Ratio Lower Upper
166 100
165 98.6 79.9 119.9
167 21.6 14.2 21.4

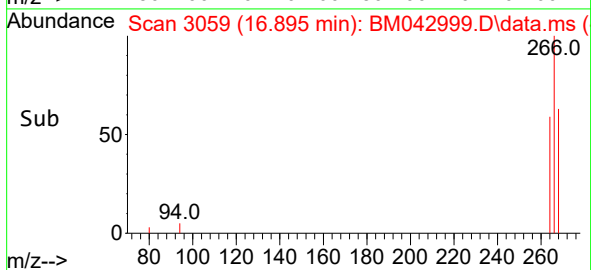
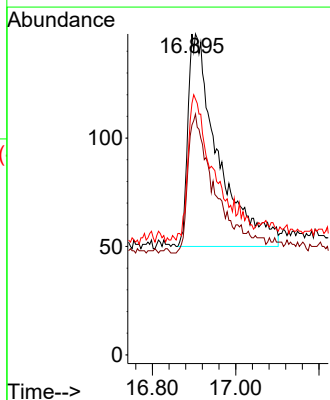
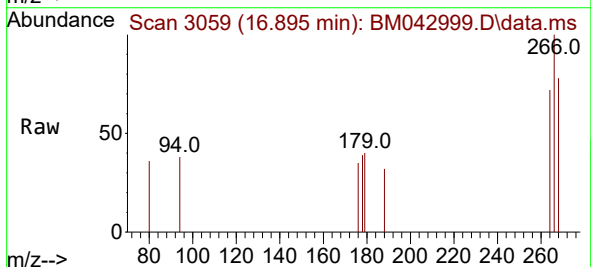
Manual Integrations
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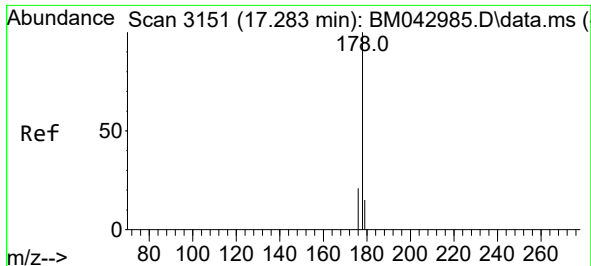
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#14
Pentachlorophenol
Concen: 0.621 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.017 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

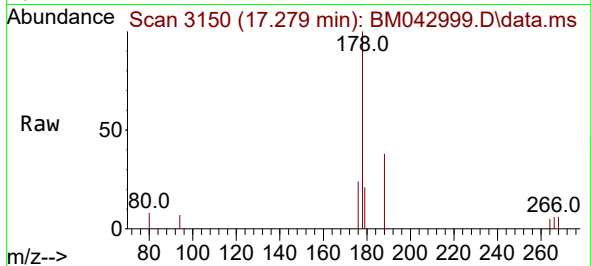
Tgt Ion:266 Resp: 489
Ion Ratio Lower Upper
266 100
264 61.1 48.8 73.2
268 60.7 51.8 77.6





#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.279 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

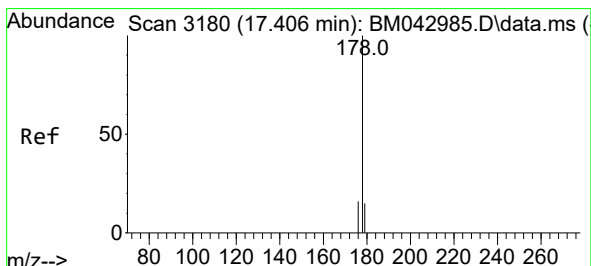
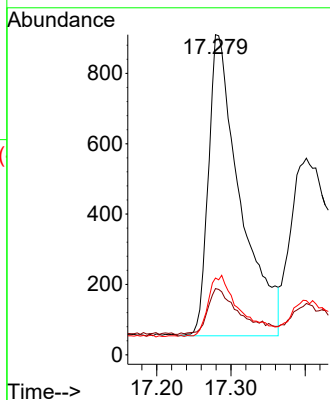
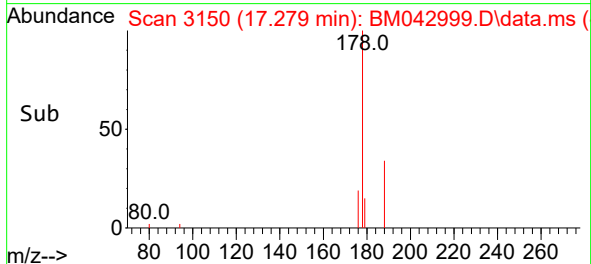
Instrument :
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SLCS096



Tgt Ion:178 Resp: 253
Ion Ratio Lower Upper
178 100
179 20.7 15.7 23.5
176 24.0 18.9 28.3

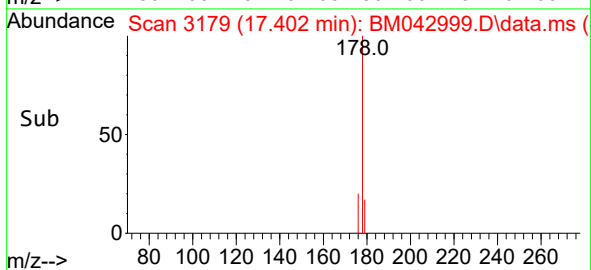
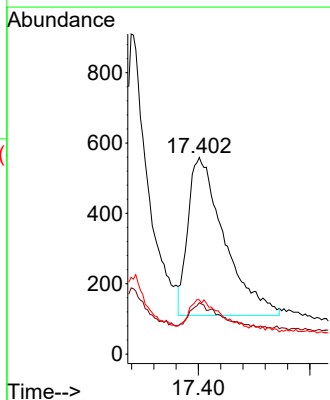
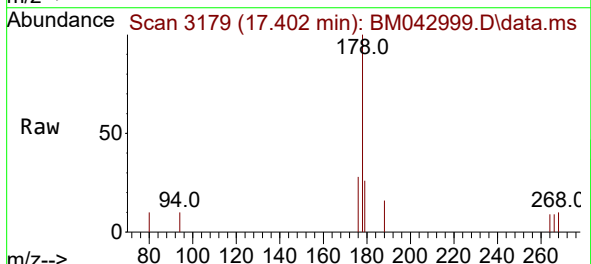
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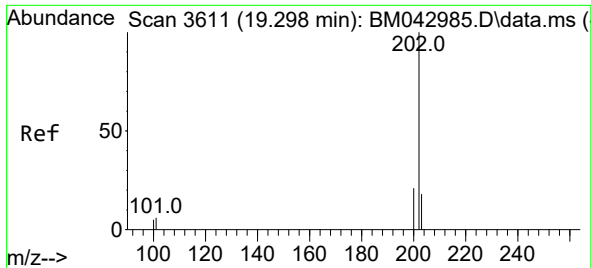
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#16
Anthracene
Concen: 0.259 ng/ul m
RT: 17.402 min Scan# 3179
Delta R.T. 0.008 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

Tgt Ion:178 Resp: 2037
Ion Ratio Lower Upper
178 100
179 26.1 17.3 25.9#
176 27.5 20.5 30.7





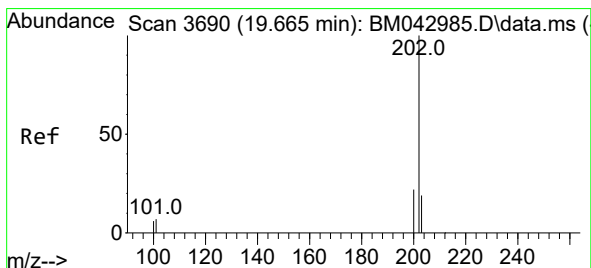
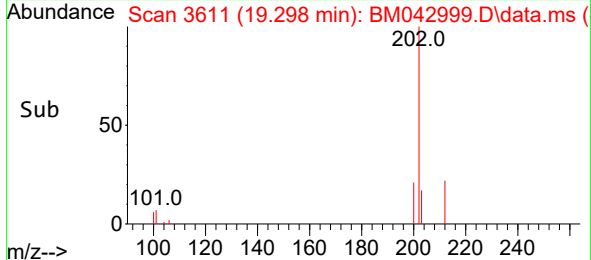
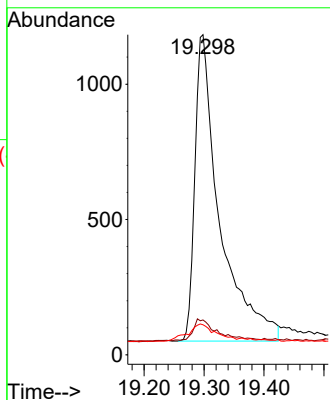
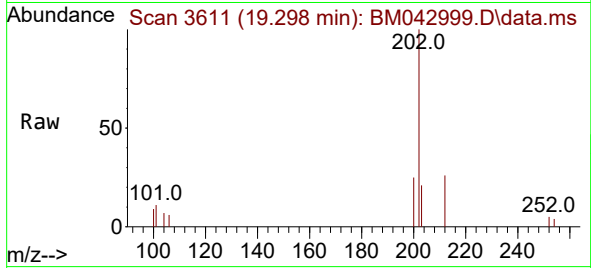
#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.298 min Scan# 3611
Delta R.T. 0.005 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

Instrument :
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Tgt Ion:202 Resp: 325
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.8
100 9.4 7.1 10.7

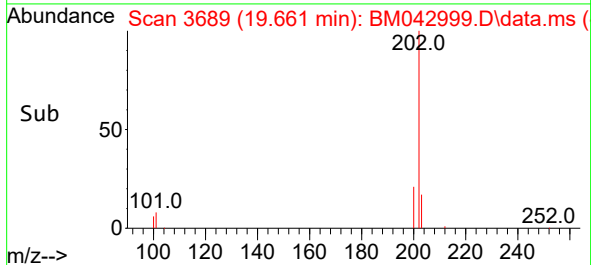
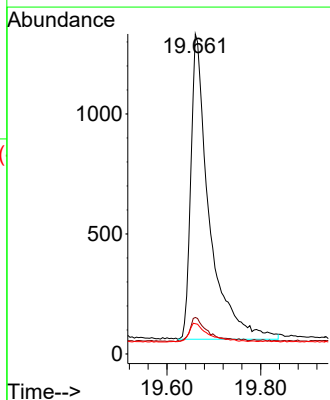
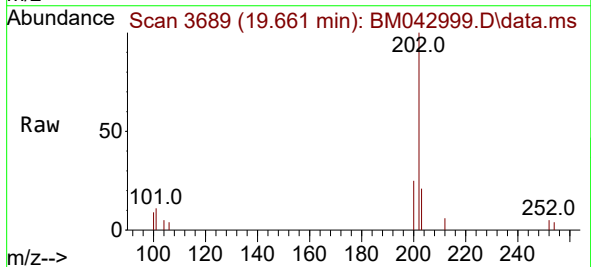
Manual Integrations
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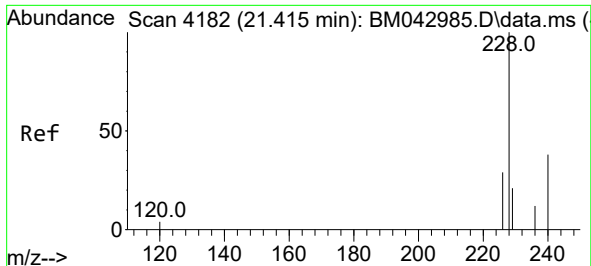
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.661 min Scan# 3689
Delta R.T. 0.000 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

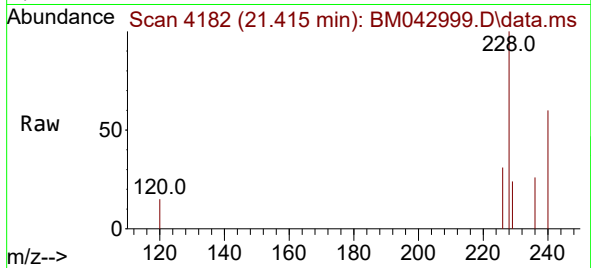
Tgt Ion:202 Resp: 3458
Ion Ratio Lower Upper
202 100
101 11.4 8.7 13.1
100 9.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.415 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

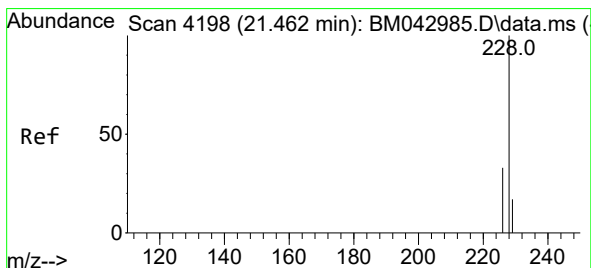
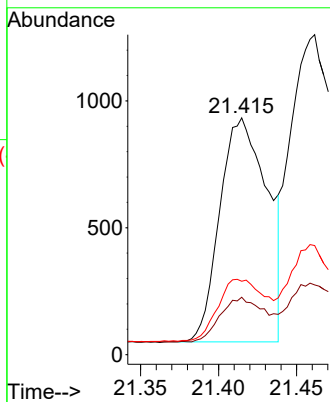
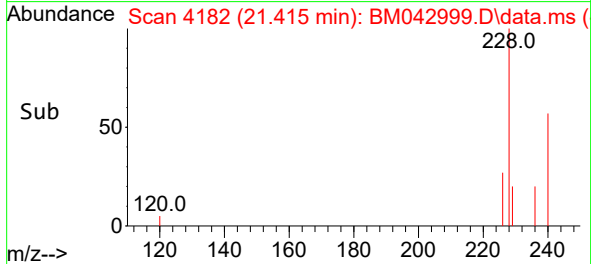
Instrument :
BNA_M
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Tgt Ion:228 Resp: 1872
Ion Ratio Lower Upper
228 100
229 24.2 19.4 29.0
226 31.0 24.9 37.3

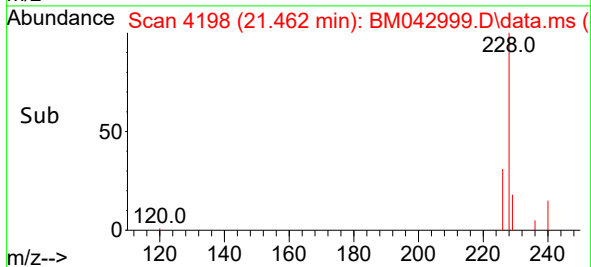
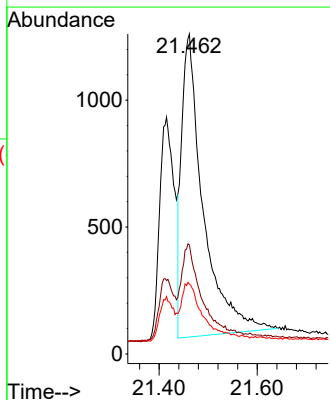
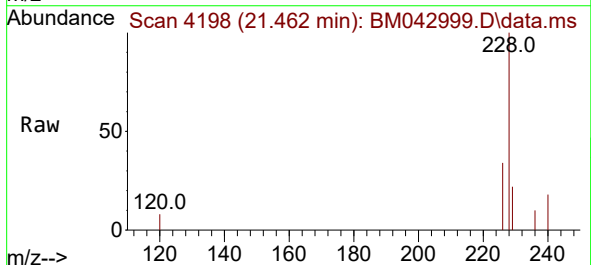
Manual Integrations
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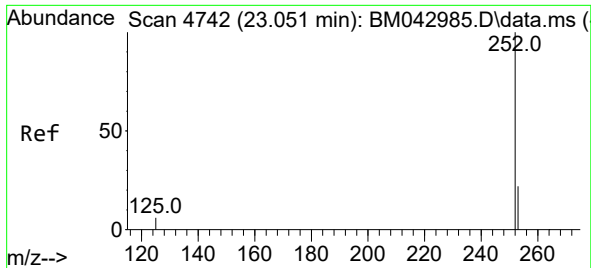
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.462 min Scan# 4198
Delta R.T. 0.003 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

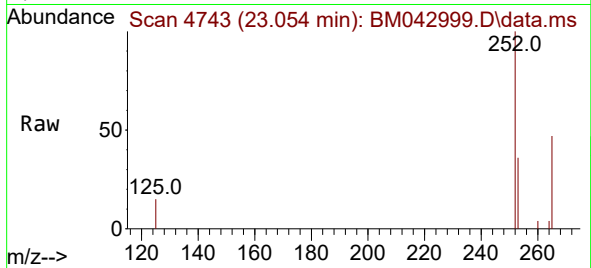
Tgt Ion:228 Resp: 3642
Ion Ratio Lower Upper
228 100
226 34.1 27.2 40.8
229 21.8 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.054 min Scan# 4742
Delta R.T. 0.003 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

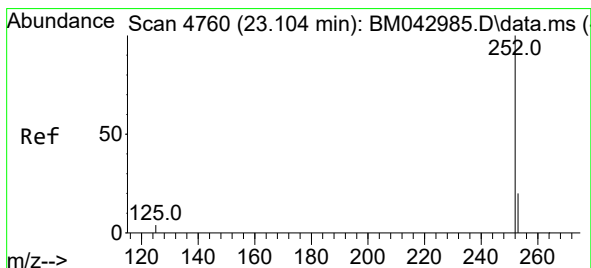
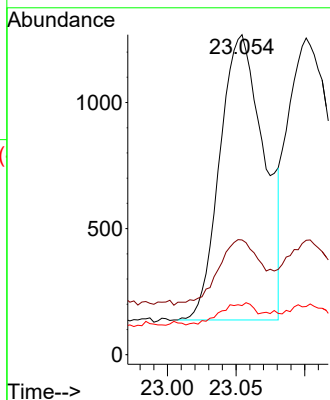
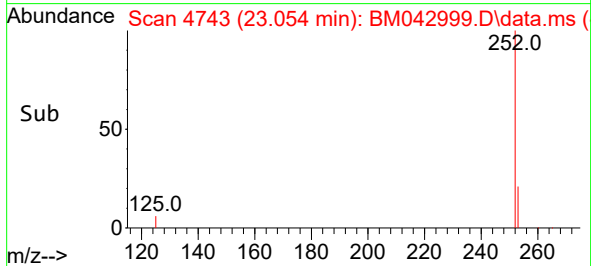
Instrument :
BNA_M
ClientSampleId :
SLCS096



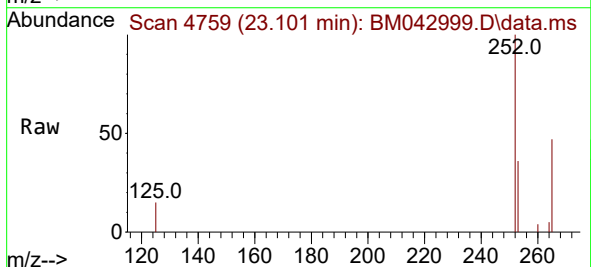
Tgt Ion:252 Resp: 2532
Ion Ratio Lower Upper
252 100
253 35.9 0.0 71.8
125 15.4 0.0 29.0

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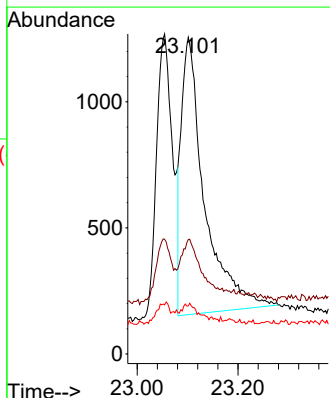
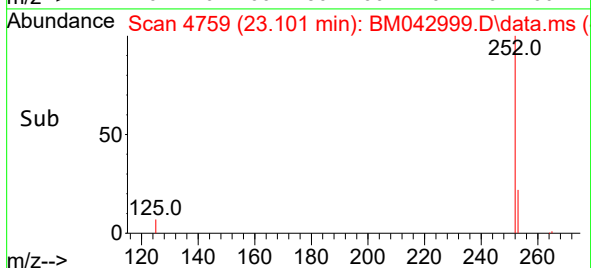
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

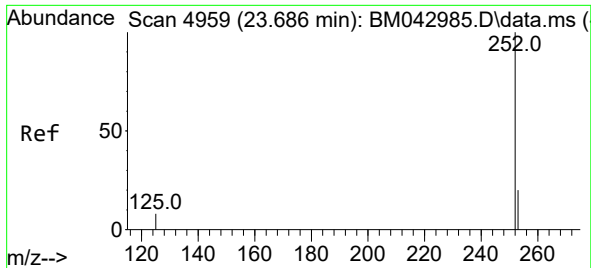


#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.101 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36



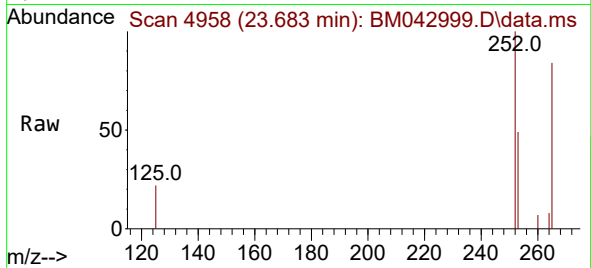
Tgt Ion:252 Resp: 3504
Ion Ratio Lower Upper
252 100
253 36.1 28.2 42.2
125 15.2 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.683 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

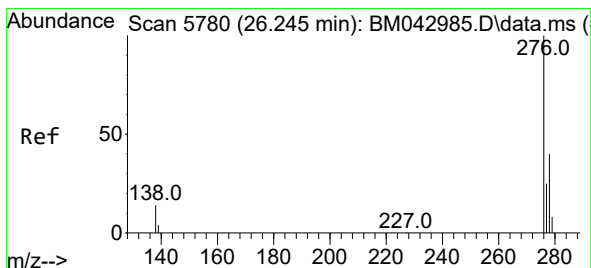
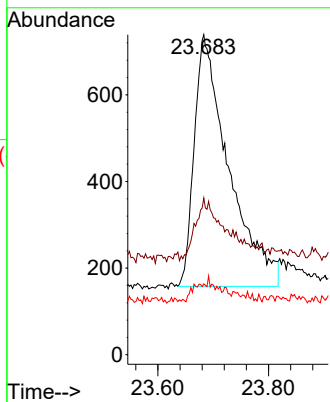
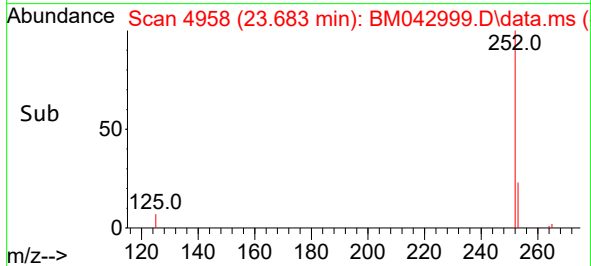
Instrument :
BNA_M
ClientSampleId :
SLCS096



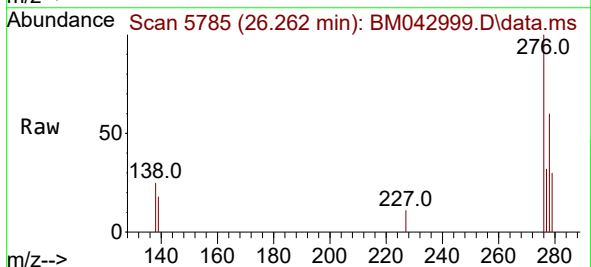
Tgt Ion:252 Resp: 2504
Ion Ratio Lower Upper
252 100
253 49.0 36.6 55.0
125 22.2 16.2 24.4

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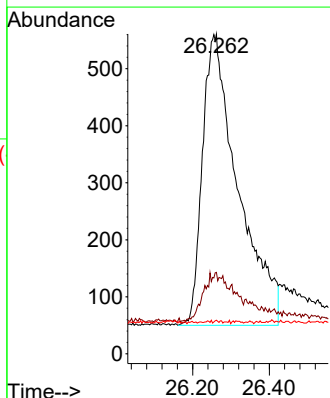
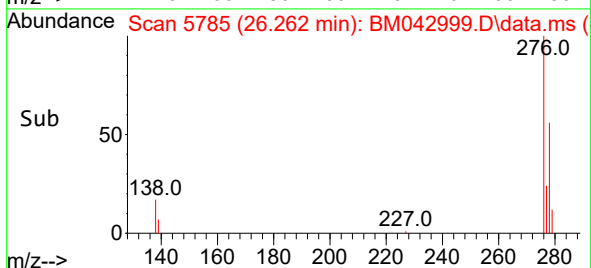
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

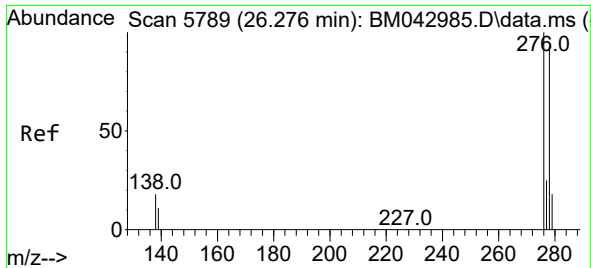


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.262 min Scan# 5785
Delta R.T. 0.024 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36



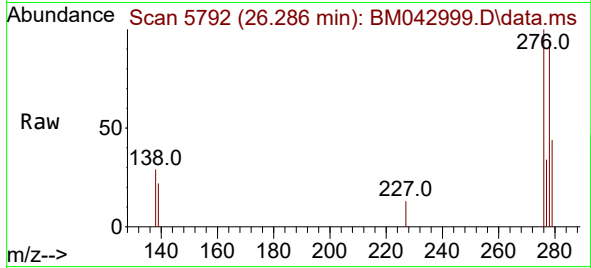
Tgt Ion:276 Resp: 3292
Ion Ratio Lower Upper
276 100
138 13.3 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.303 ng/ul
RT: 26.286 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

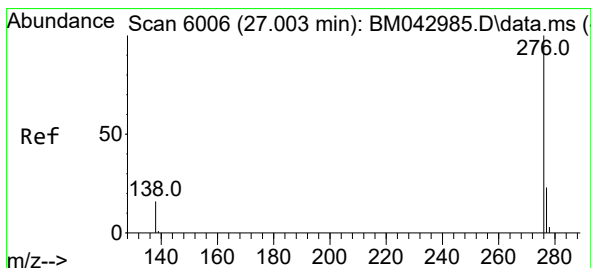
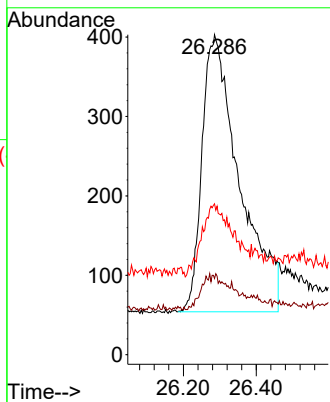
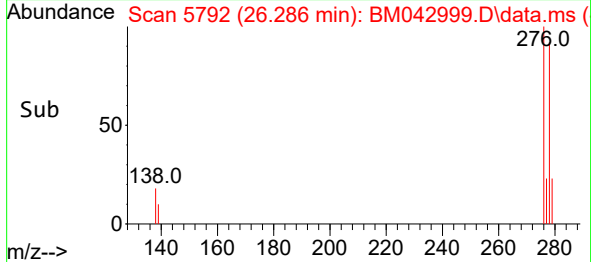
Instrument :
BNA_M
ClientSampleId :
SLCS096



Tgt Ion:278 Resp: 2489
Ion Ratio Lower Upper
278 100
139 23.8 18.1 27.1
279 47.1 34.4 51.6

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Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.020 min Scan# 6011
Delta R.T. 0.010 min
Lab File: BM042999.D
Acq: 25 Nov 2023 03:36

Tgt Ion:276 Resp: 3234
Ion Ratio Lower Upper
276 100
138 22.7 17.8 26.8
277 29.4 23.8 35.8

