

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033204.D
 Acq On : 20 Nov 2021 08:36
 Operator : CG/JU
 Sample : M4725-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L13

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 00:36:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	3425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	10357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	6945	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	14943	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	13048	0.400	ng/ul	0.00
23) Perylene-d12	23.804	264	11527	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	13886	4.312	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.333	152	6205	0.432	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	19183	0.507	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	3205	0.100	ng/ul#	97
7) 2-Methylnaphthalene	12.405	142	498	0.024	ng/ul	97
8) 1-Methylnaphthalene	12.626	142	555	0.027	ng/ul	94
10) Acenaphthylene	14.298	152	1710	0.053	ng/ul#	19
11) Acenaphthene	14.640	153	3476	0.131	ng/ul	99
12) Fluorene	15.622	166	2833	0.094	ng/ul	97
14) Pentachlorophenol	16.958	266	179	0.036	ng/ul	90
15) Phenanthrene	17.354	178	5524	0.102	ng/ul	96
16) Anthracene	17.444	178	13431	0.307	ng/ul	99
19) Fluoranthene	19.356	202	6484	0.103	ng/ul#	94
20) Pyrene	19.718	202	6019	0.097	ng/ul#	92
21) Benzo(a)anthracene	21.450	228	2336	0.050	ng/ul#	85
22) Chrysene	21.503	228	3817	0.075	ng/ul#	93
24) Benzo(b)fluoranthene	23.097	252	7363m	0.141	ng/ul	
25) Benzo(k)fluoranthene	23.138	252	2844m	0.055	ng/ul	
26) Benzo(a)pyrene	23.700	252	2796	0.065	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.198	276	2796	0.051	ng/ul#	90
29) Benzo(g,h,i)perylene	26.932	276	2621	0.054	ng/ul#	85

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

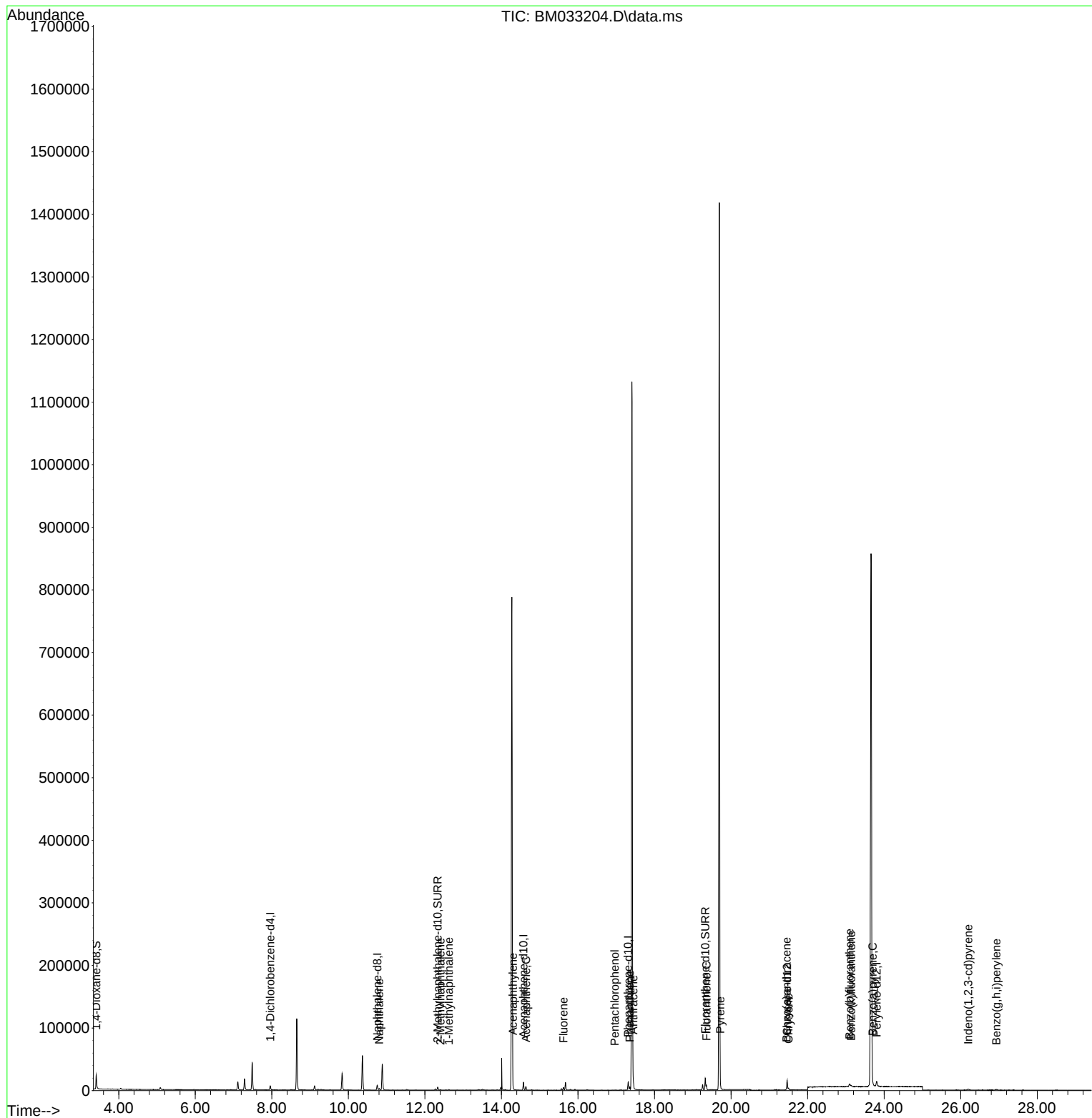
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033204.D
Acq On : 20 Nov 2021 08:36
Operator : CG/JU
Sample : M4725-07
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ALS Vial : 36 Sample Multiplier: 1

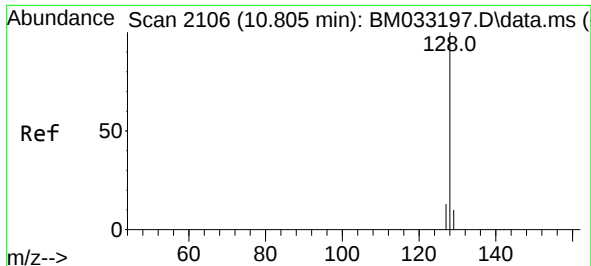
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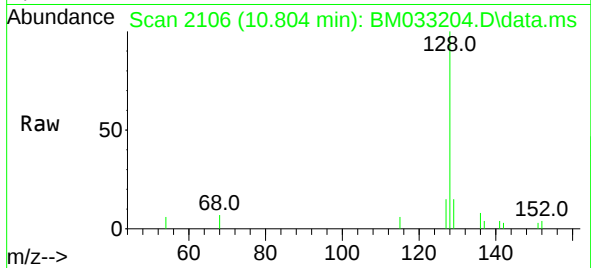
Quant Time: Nov 22 00:36:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
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#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.804 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

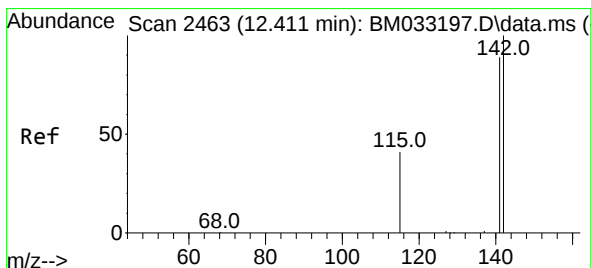
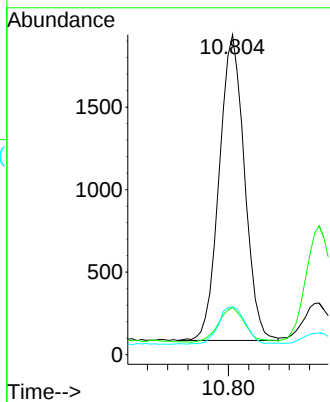
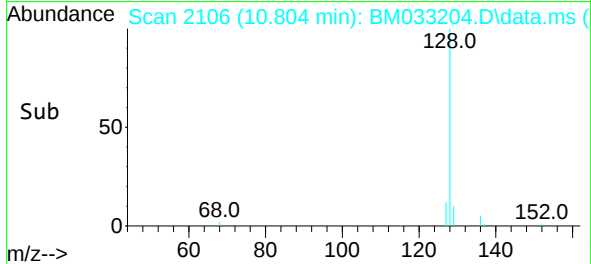
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:128 Resp: 320
Ion Ratio Lower Upper
128 100
129 14.7 9.8 14.6
127 15.0 11.8 17.8

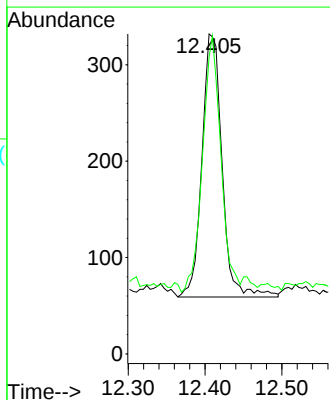
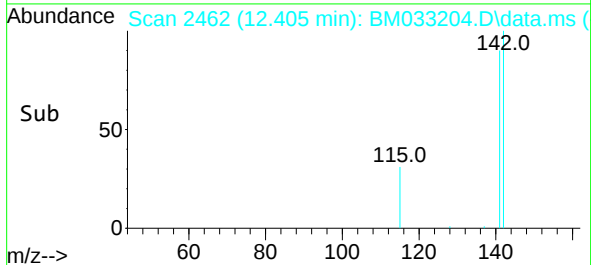
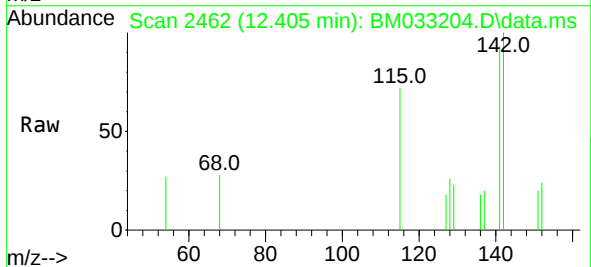
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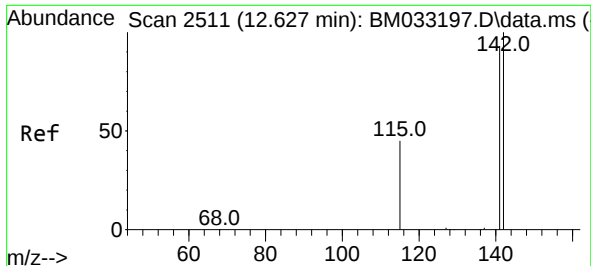
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.405 min Scan# 2462
Delta R.T. -0.010 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

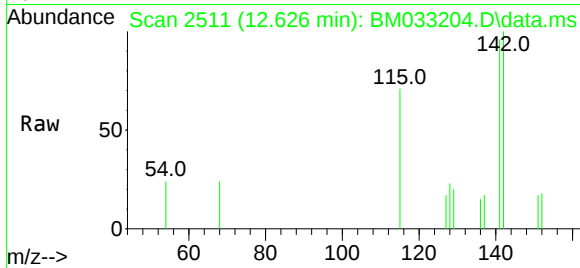
Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
141 88.8 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.626 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

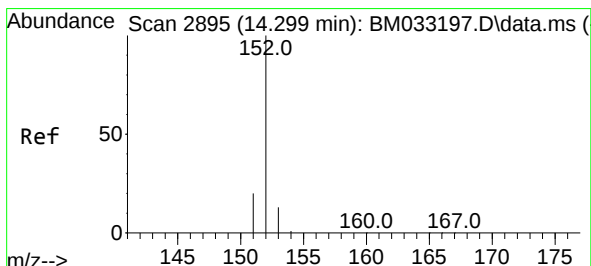
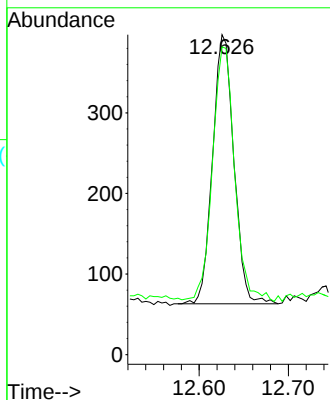
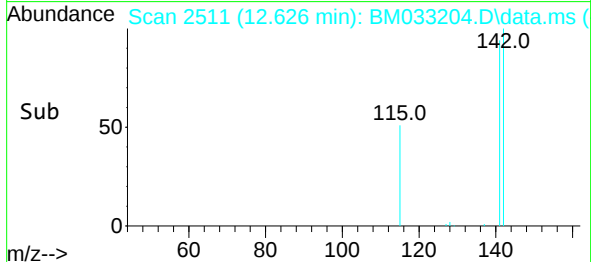
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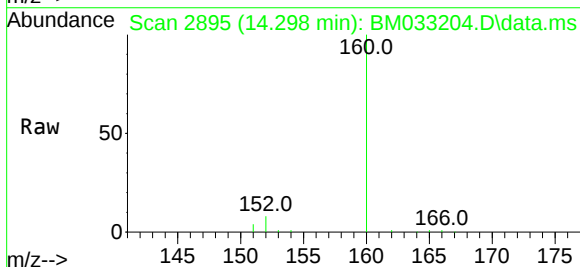
Tgt Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
141 98.7 74.5 111.7

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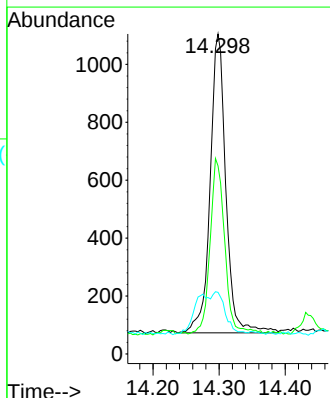
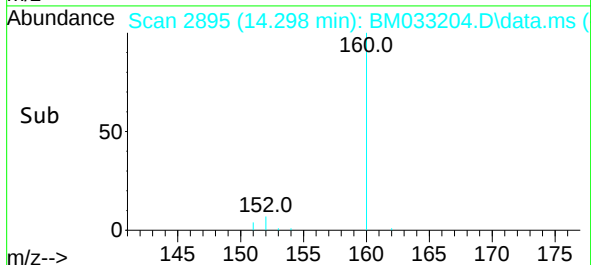
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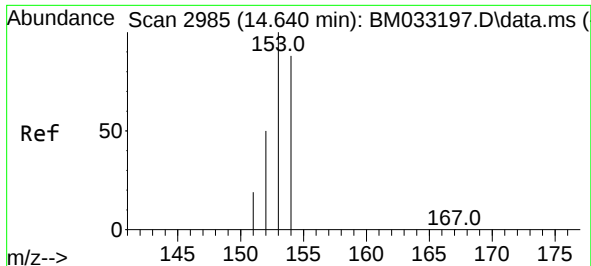


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.298 min Scan# 2895
Delta R.T. -0.005 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



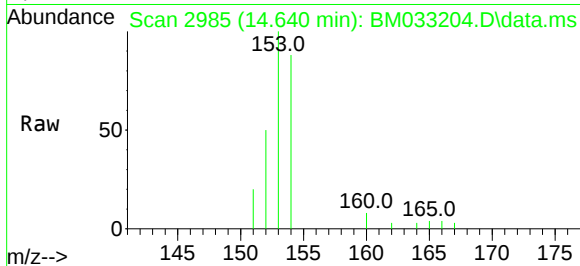
Tgt Ion:152 Resp: 1710
Ion Ratio Lower Upper
152 100
151 58.7 16.7 25.1#
153 19.3 0.0 0.0#





#11
Acenaphthene
Concen: 0.131 ng/u1
RT: 14.640 min Scan# 2985
Delta R.T. -0.005 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

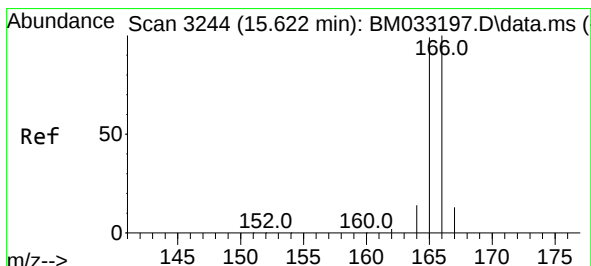
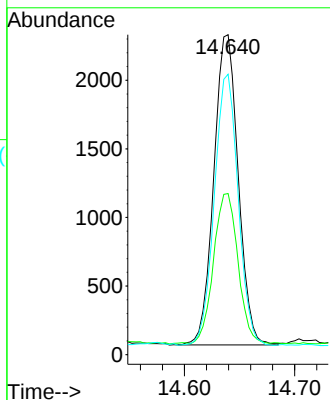
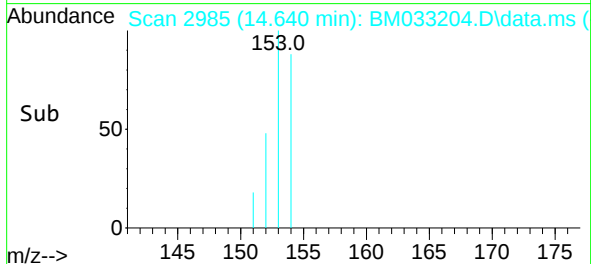
Instrument :
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ClientSampleId :
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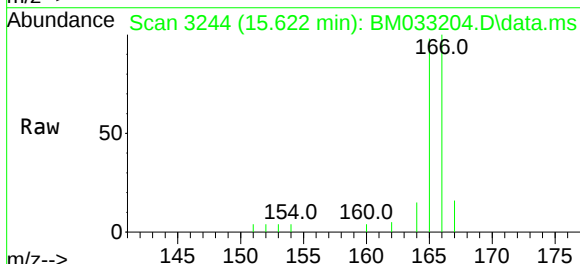
Tgt Ion:153 Resp: 3470
Ion Ratio Lower Upper
153 100
152 50.3 40.6 60.8
154 87.7 70.8 106.2

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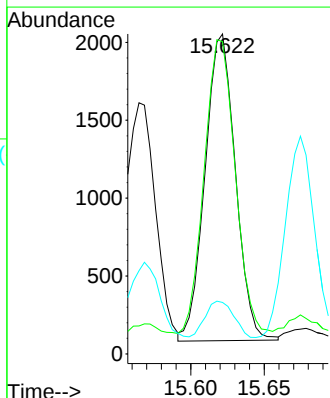
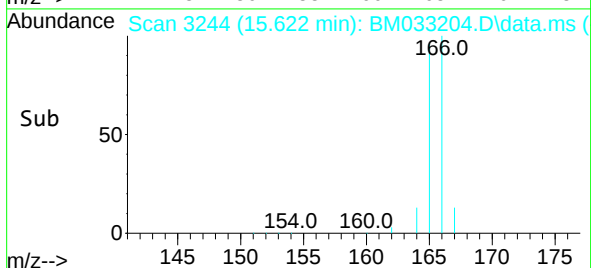
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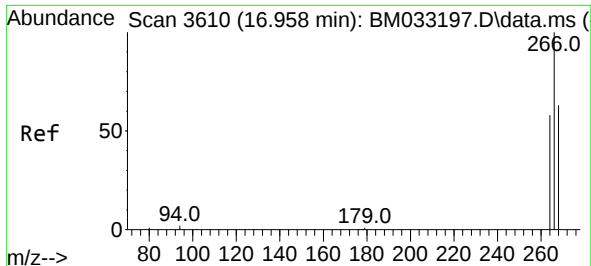


#12
Fluorene
Concen: 0.094 ng/u1
RT: 15.622 min Scan# 3244
Delta R.T. -0.005 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



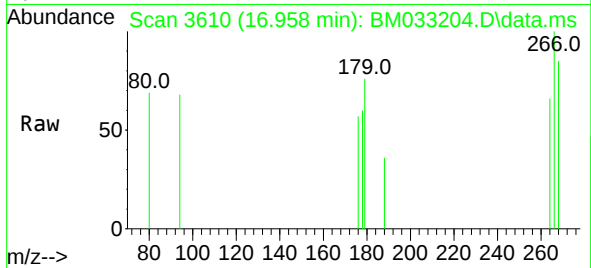
Tgt Ion:166 Resp: 2833
Ion Ratio Lower Upper
166 100
165 97.6 80.8 121.2
167 16.1 11.7 17.5





#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 16.958 min Scan# 3610
Delta R.T. -0.008 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

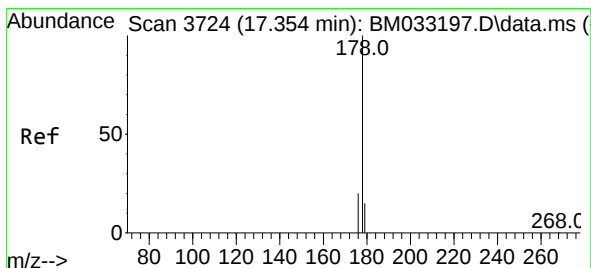
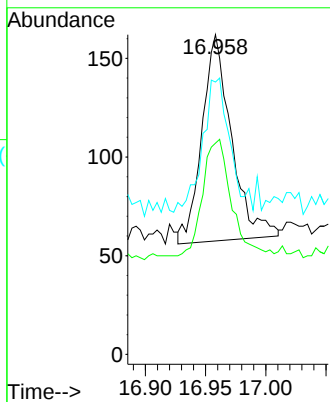
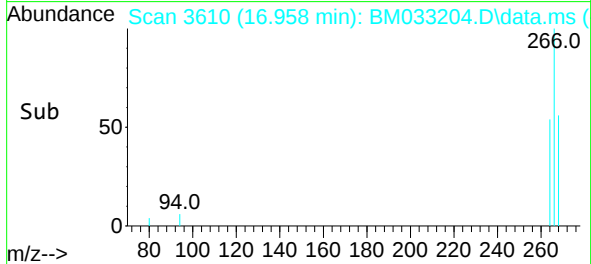
Instrument :
BNA_M
ClientSampleId :
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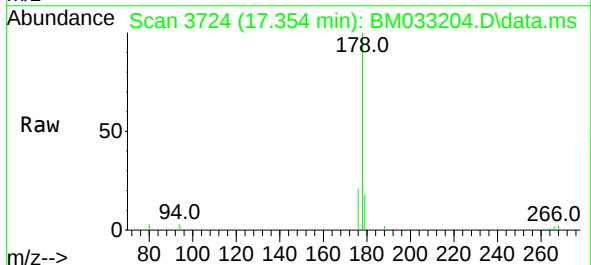
Tgt Ion:266 Resp: 179
Ion Ratio Lower Upper
266 100
264 53.6 51.2 76.8
268 60.9 52.9 79.3

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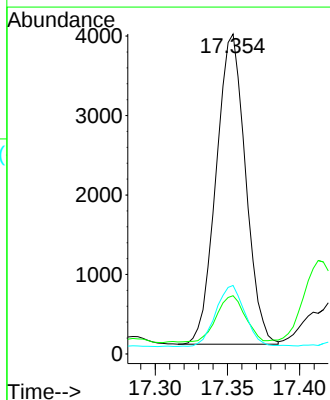
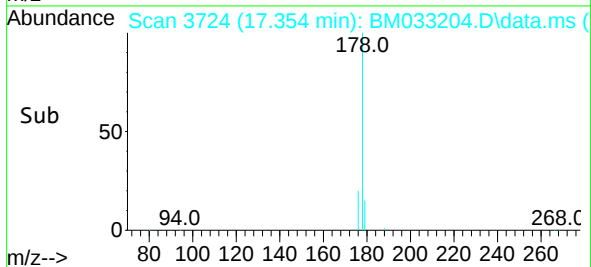
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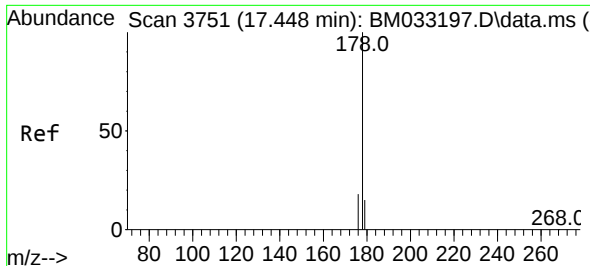


#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.354 min Scan# 3724
Delta R.T. -0.004 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



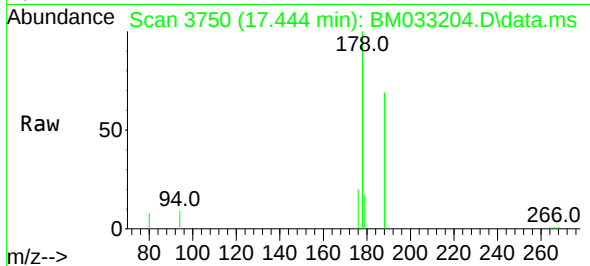
Tgt Ion:178 Resp: 5524
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 21.4 16.0 24.0





#16
 Anthracene
 Concen: 0.307 ng/ul
 RT: 17.444 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BM033204.D
 Acq: 20 Nov 2021 08:36

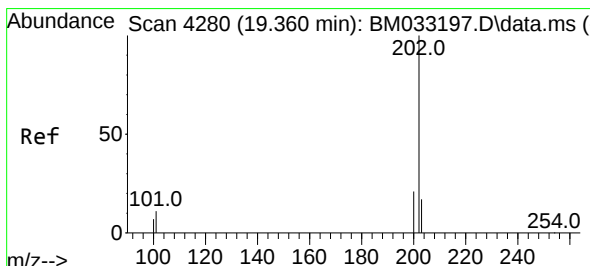
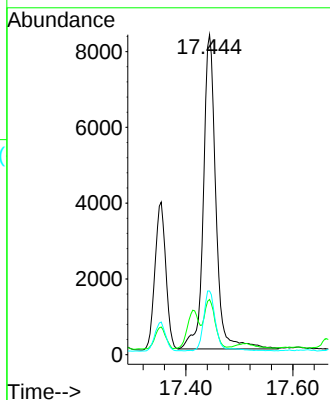
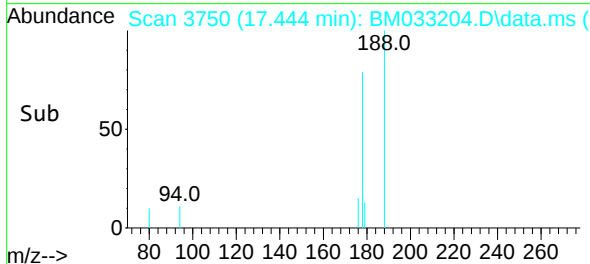
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Tgt Ion:178 Resp: 1343
 Ion Ratio Lower Upper
 178 100
 179 17.2 13.0 19.6
 176 19.9 15.6 23.4

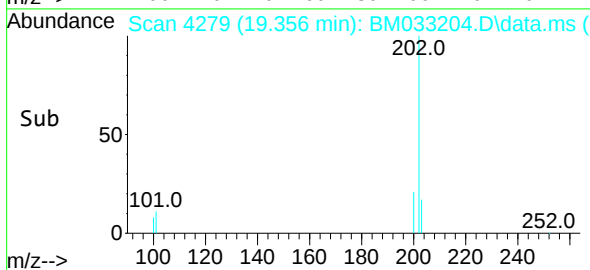
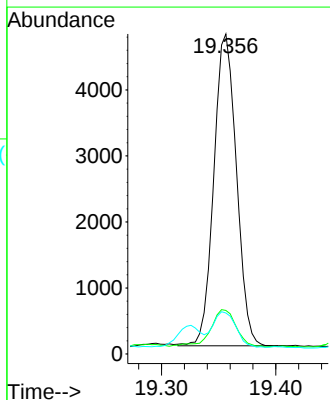
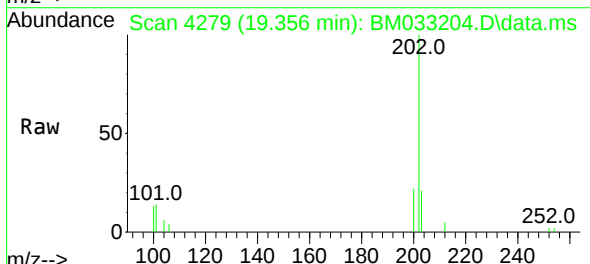
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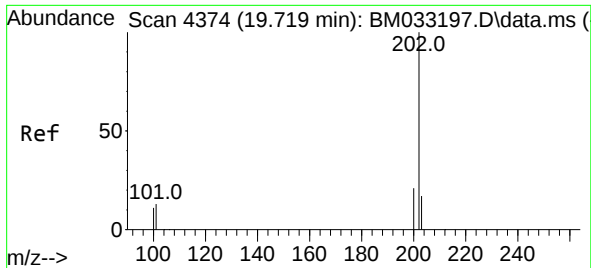
Reviewed By :Jagrut Upadhyay 11/22/2021
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#19
 Fluoranthene
 Concen: 0.103 ng/ul
 RT: 19.356 min Scan# 4279
 Delta R.T. -0.005 min
 Lab File: BM033204.D
 Acq: 20 Nov 2021 08:36

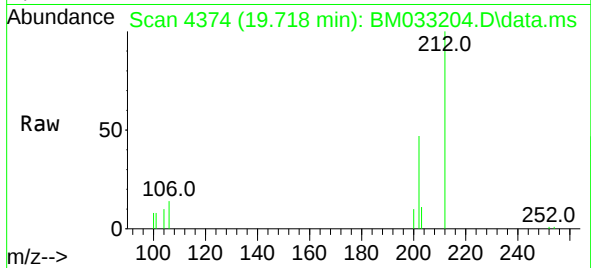
Tgt Ion:202 Resp: 6484
 Ion Ratio Lower Upper
 202 100
 101 13.6 9.9 14.9
 100 12.8 7.3 10.9#





#20
Pyrene
Concen: 0.097 ng/ul
RT: 19.718 min Scan# 4374
Delta R.T. -0.005 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

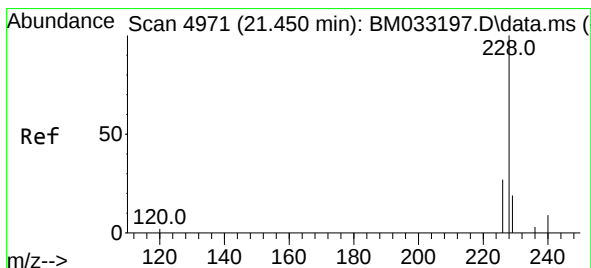
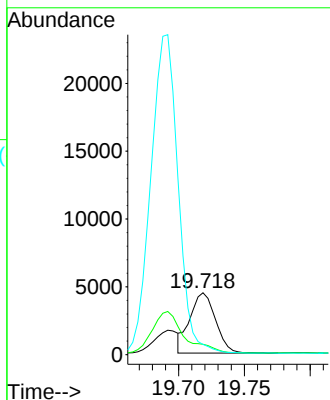
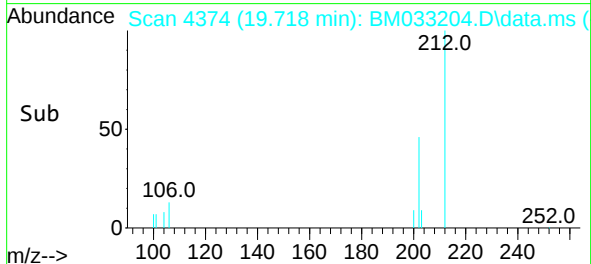
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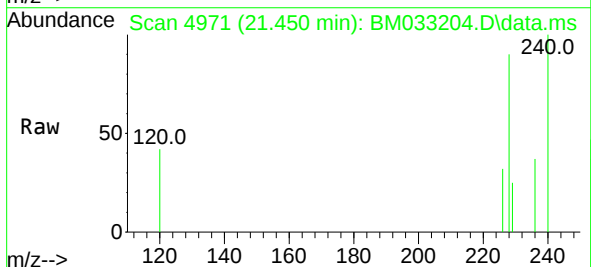
Tgt Ion:202 Resp: 6019
Ion Ratio Lower Upper
202 100
101 16.7 11.8 17.6
100 16.6 9.5 14.3

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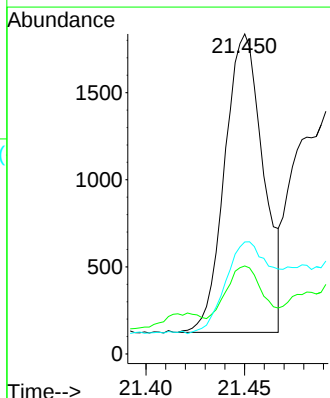
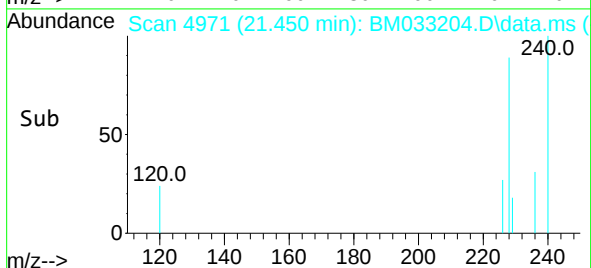
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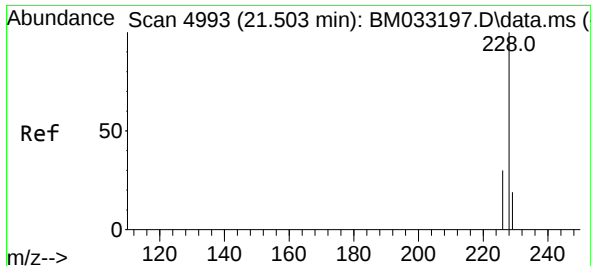


#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.450 min Scan# 4971
Delta R.T. -0.006 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



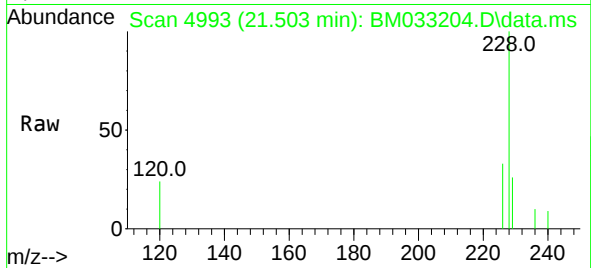
Tgt Ion:228 Resp: 2336
Ion Ratio Lower Upper
228 100
229 27.5 15.7 23.5#
226 35.0 22.4 33.6#





#22
Chrysene
Concen: 0.075 ng/ul
RT: 21.503 min Scan# 4993
Delta R.T. -0.003 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

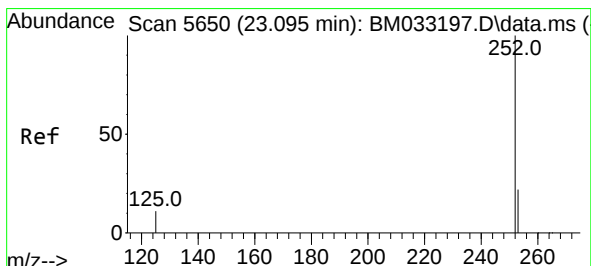
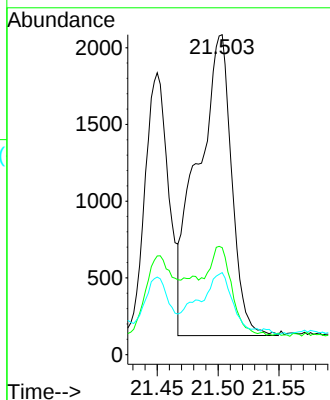
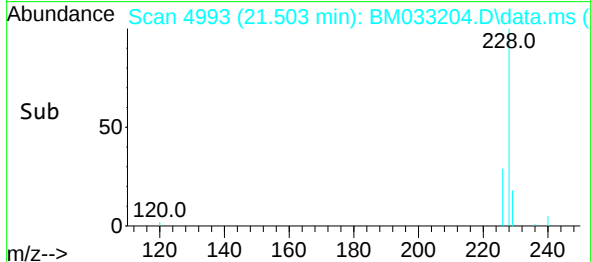
Instrument :
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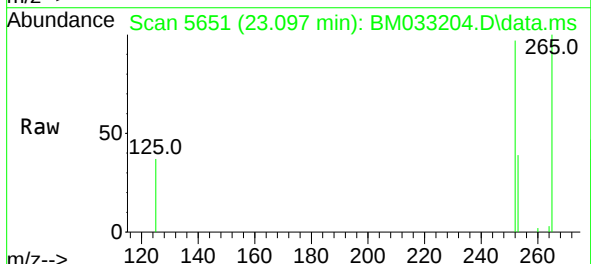
Tgt Ion:	228	Resp:	381
Ion Ratio	Lower	Upper	
228	100		
226	33.4	24.9	37.3
229	25.7	16.1	24.1

Manual Integrations
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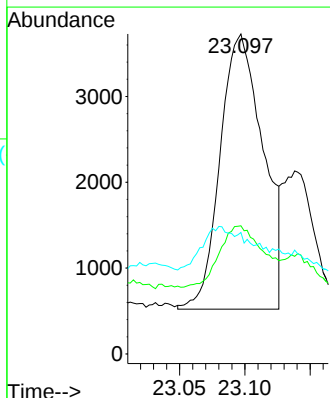
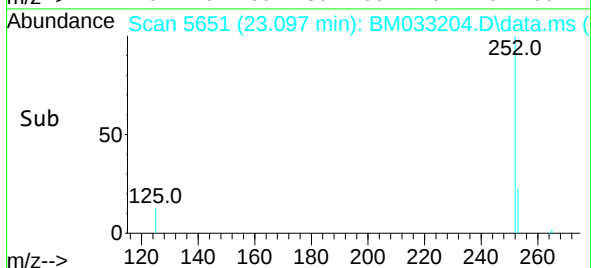
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

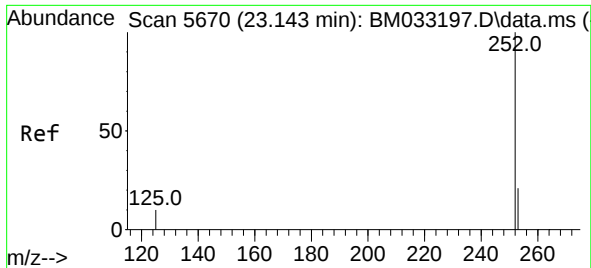


#24
Benzo(b)fluoranthene
Concen: 0.141 ng/ul m
RT: 23.097 min Scan# 5651
Delta R.T. -0.003 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



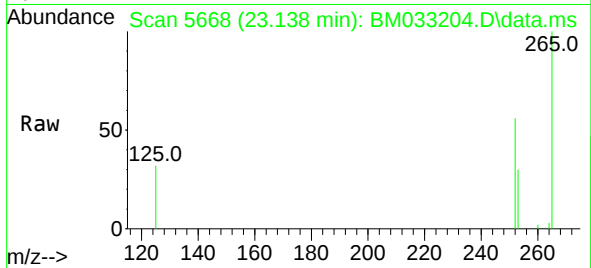
Tgt Ion:	252	Resp:	7363
Ion Ratio	Lower	Upper	
252	100		
253	40.0	0.0	59.2
125	38.0	0.0	34.2





#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.138 min Scan# 5668
Delta R.T. -0.011 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36

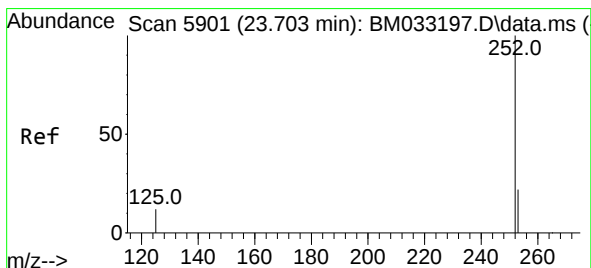
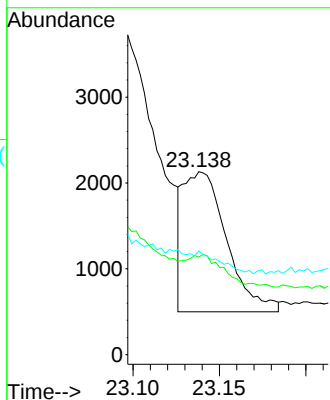
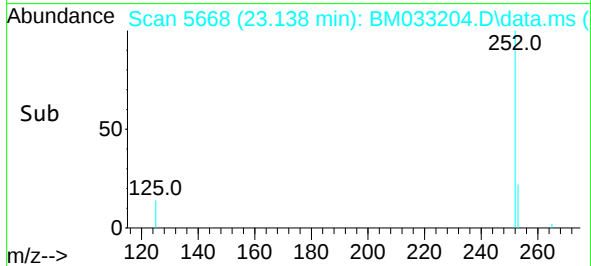
Instrument :
BNA_M
ClientSampleId :
F4L13



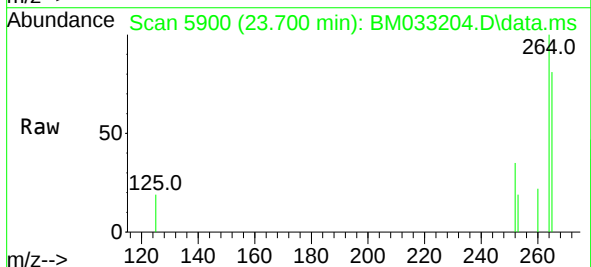
Tgt Ion:252 Resp: 2844
Ion Ratio Lower Upper
252 100
253 53.3 23.1 34.7#
125 56.8 14.6 21.8#

Manual Integrations
APPROVED

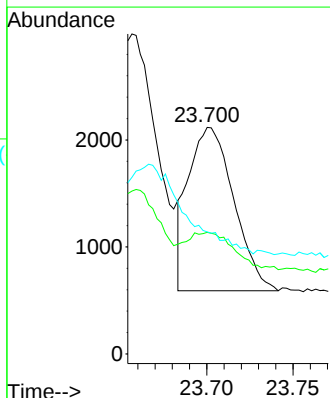
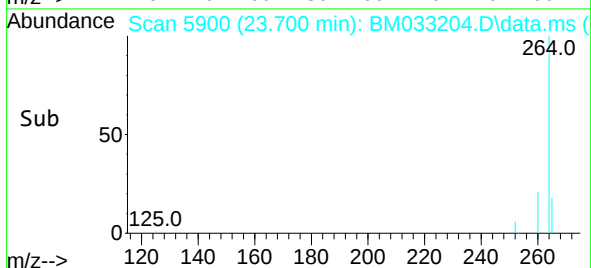
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

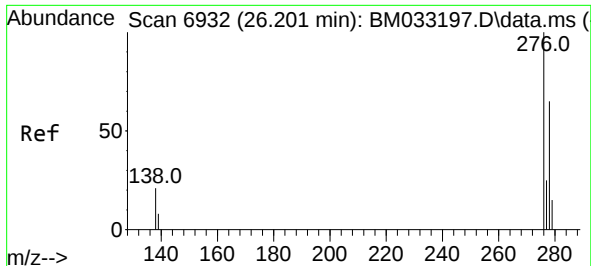


#26
Benzo(a)pyrene
Concen: 0.065 ng/ul
RT: 23.700 min Scan# 5900
Delta R.T. -0.011 min
Lab File: BM033204.D
Acq: 20 Nov 2021 08:36



Tgt Ion:252 Resp: 2796
Ion Ratio Lower Upper
252 100
253 53.7 27.1 40.7#
125 53.9 17.4 26.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng/ul

RT: 26.198 min Scan# 6932

Delta R.T. -0.008 min

Lab File: BM033204.D

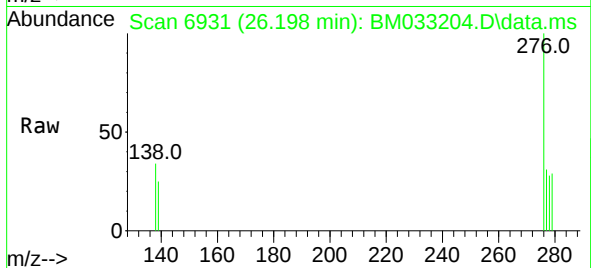
Acq: 20 Nov 2021 08:36

Instrument :

BNA_M

ClientSampleId :

F4L13

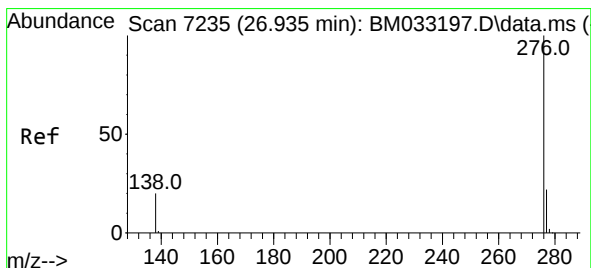
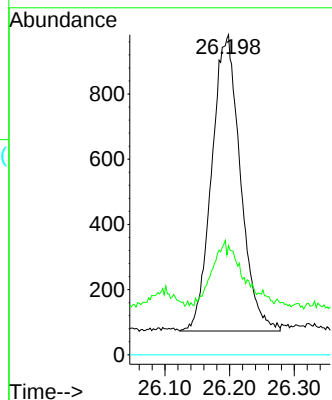


Tgt Ion:	276	Resp:	2790
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.9	34.3
227	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#29

Benzo(g,h,i)perylene

Concen: 0.054 ng/ul

RT: 26.932 min Scan# 7234

Delta R.T. -0.006 min

Lab File: BM033204.D

Acq: 20 Nov 2021 08:36

Tgt Ion:	276	Resp:	2621
Ion Ratio	Lower	Upper	
276	100		
138	34.1	22.2	33.2#
277	35.4	21.0	31.4#

