

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
 Data File : BM033233.D
 Acq On : 23 Nov 2021 11:37
 Operator : CG/JU
 Sample : M4725-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L07

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Quant Time: Nov 23 12:26:08 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	7.956	152	2543	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.750	136	8007	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	6082	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.309	188	14336	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.467	240	11344	0.400	ng/ul	# 0.00
23) Perylene-d12	23.807	264	8949	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	11587	4.846	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.329	152	4352	0.392	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	15844	0.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	634	0.236	ng/ul#	78
5) Naphthalene	10.800	128	4446	0.179	ng/ul#	68
7) 2-Methylnaphthalene	12.405	142	566	0.035	ng/ul#	80
8) 1-Methylnaphthalene	12.621	142	6155	0.387	ng/ul	96
10) Acenaphthylene	14.294	152	25891	0.911	ng/ul#	92
11) Acenaphthene	14.639	153	2278786	97.699	ng/ul	98
12) Fluorene	15.618	166	534125	20.294	ng/ul	98
14) Pentachlorophenol	16.951	266	316	0.066	ng/ul	97
15) Phenanthrene	17.350	178	9315m	0.179	ng/ul	
16) Anthracene	17.441	178	86042	2.047	ng/ul	95
19) Fluoranthene	19.356	202	339374	6.215	ng/ul	99
20) Pyrene	19.718	202	233393	4.306	ng/ul	100
21) Benzo(a)anthracene	21.448	228	8647	0.214	ng/ul	92
22) Chrysene	21.501	228	6391m	0.144	ng/ul	
24) Benzo(b)fluoranthene	23.092	252	2624	0.065	ng/ul#	19
25) Benzo(k)fluoranthene	23.140	252	1211	0.030	ng/ul#	1
26) Benzo(a)pyrene	23.700	252	1004	0.030	ng/ul#	1

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

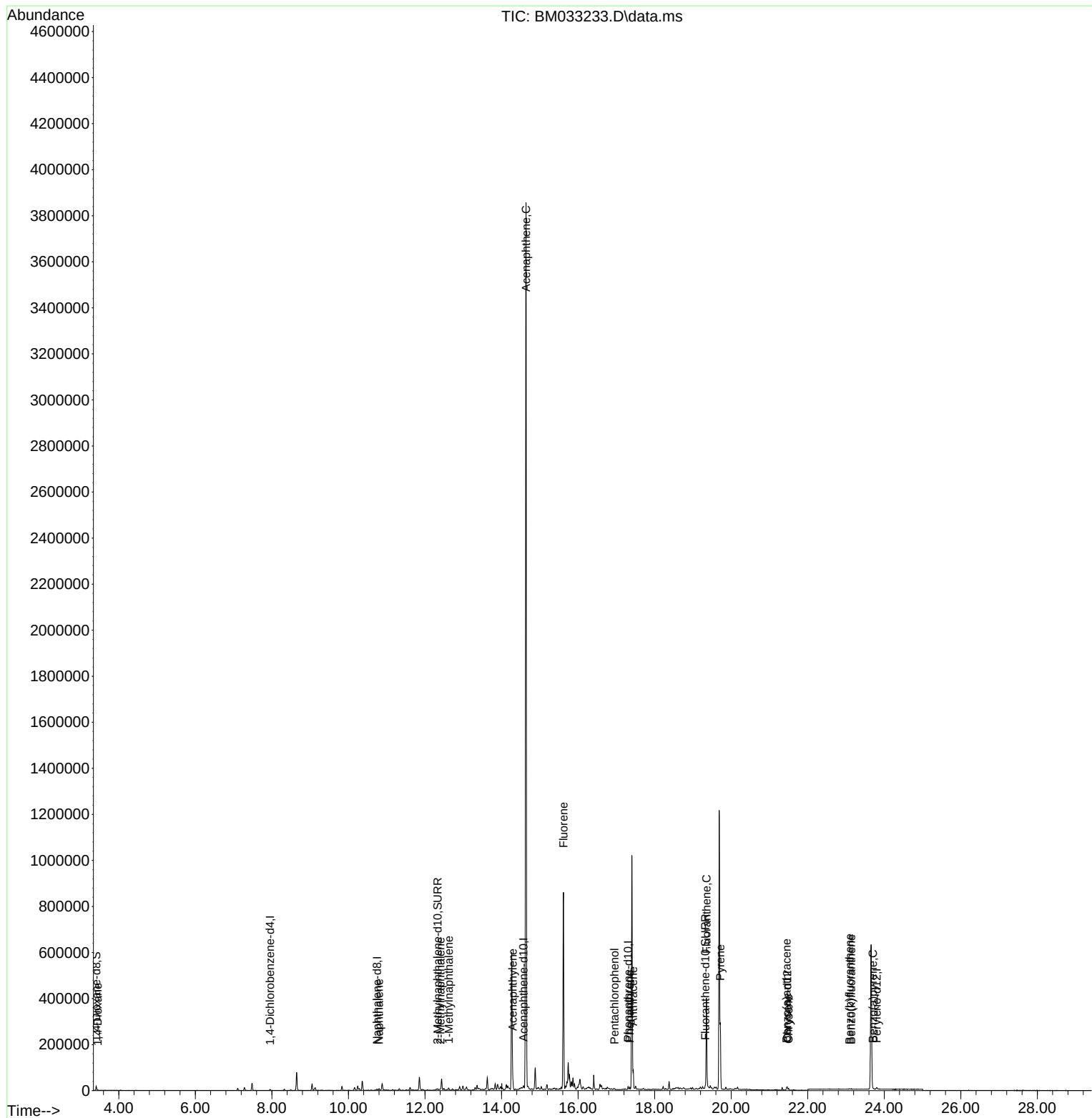
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033233.D
Acq On : 23 Nov 2021 11:37
Operator : CG/JU
Sample : M4725-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

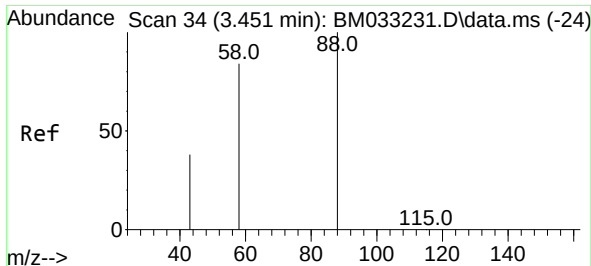
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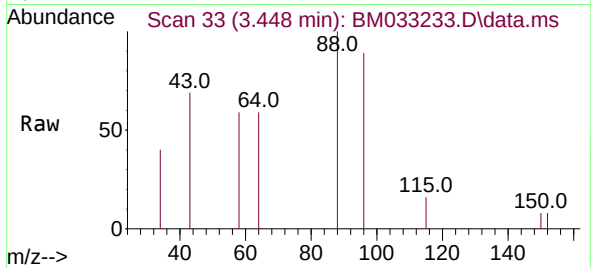
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.236 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

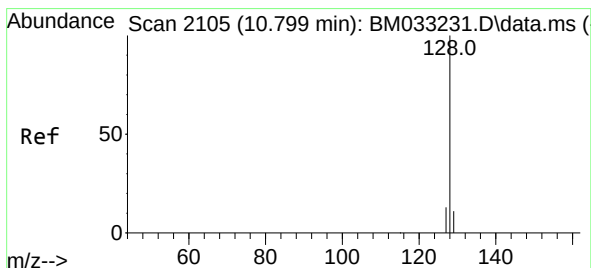
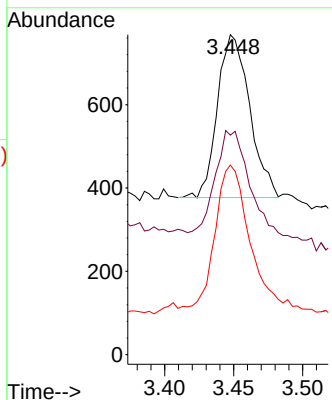
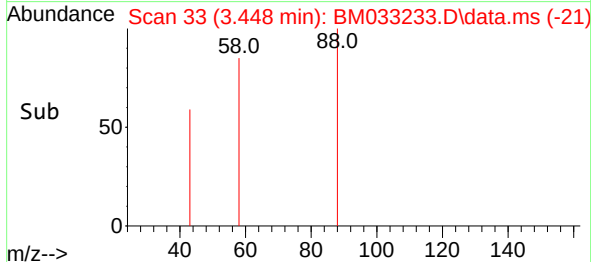
Instrument :
BNA_M
ClientSampleId :
F4L07



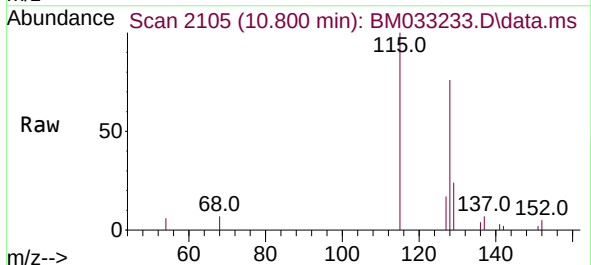
Tgt Ion: 88 Resp: 634
Ion Ratio Lower Upper
88 100
43 68.6 35.8 53.8#
58 59.2 55.8 83.8#

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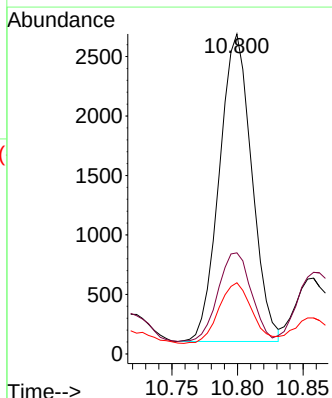
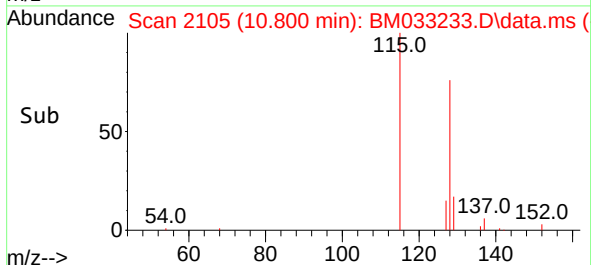
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Supervised By :mohammad ahmed 11/26/2021

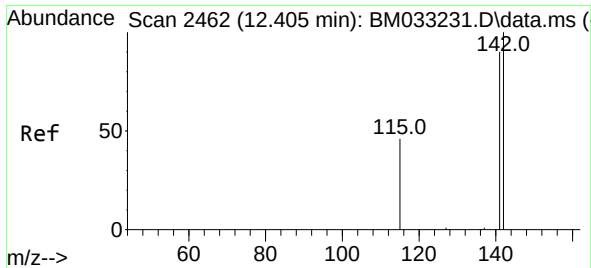


#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.800 min Scan# 2105
Delta R.T. -0.010 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



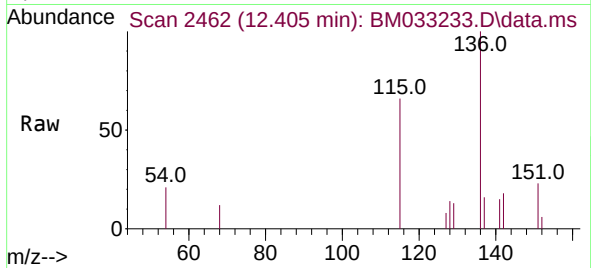
Tgt Ion:128 Resp: 4446
Ion Ratio Lower Upper
128 100
129 31.6 9.8 14.6#
127 22.3 11.8 17.8#





#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.405 min Scan# 2462
Delta R.T. -0.010 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

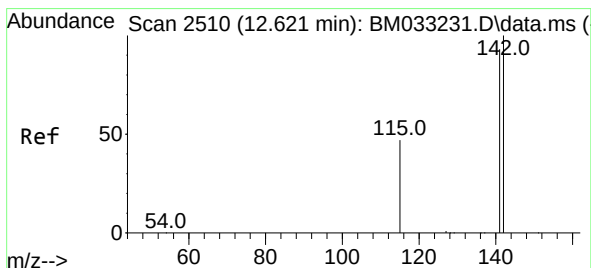
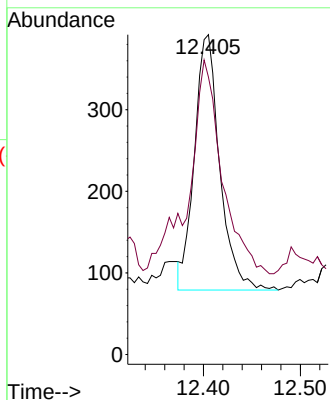
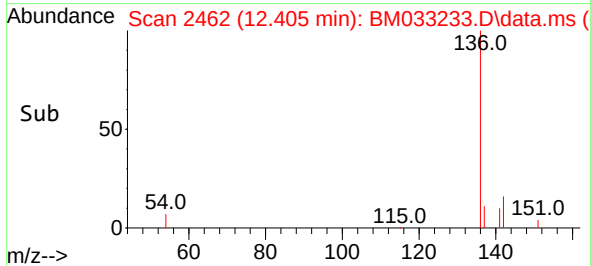
Instrument :
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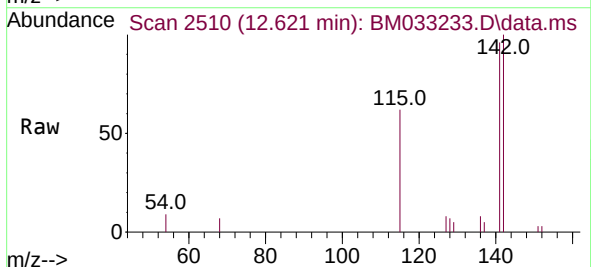
Tgt Ion:142 Resp: 560
Ion Ratio Lower Upper
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141 110.8 73.3 109.9

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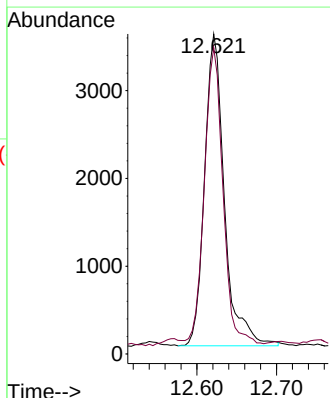
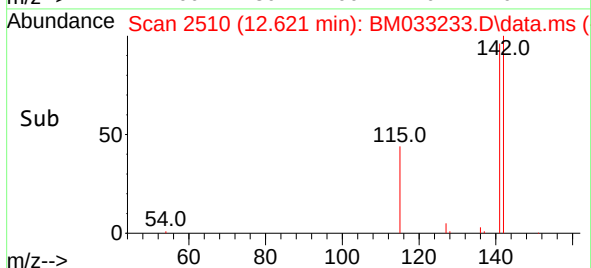
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Supervised By :mohammad ahmed 11/26/2021

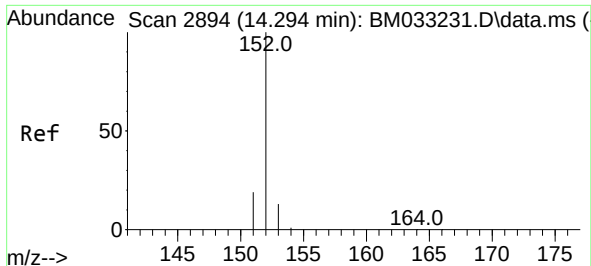


#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.621 min Scan# 2510
Delta R.T. -0.010 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



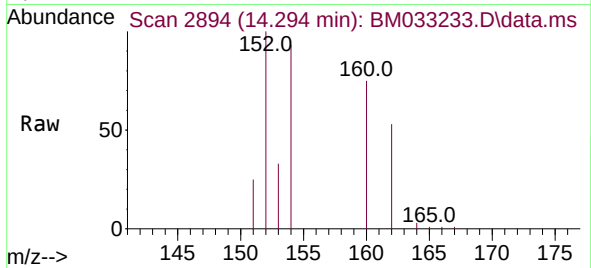
Tgt Ion:142 Resp: 6155
Ion Ratio Lower Upper
142 100
141 89.1 74.5 111.7





#10
Acenaphthylene
Concen: 0.911 ng/ul
RT: 14.294 min Scan# 2894
Delta R.T. -0.009 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

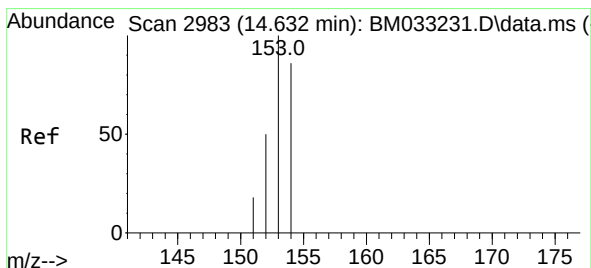
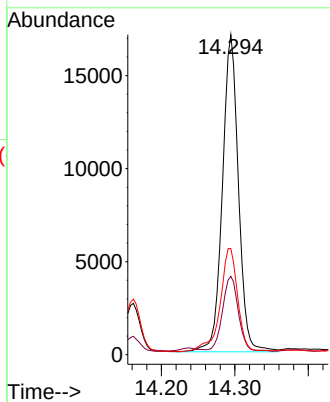
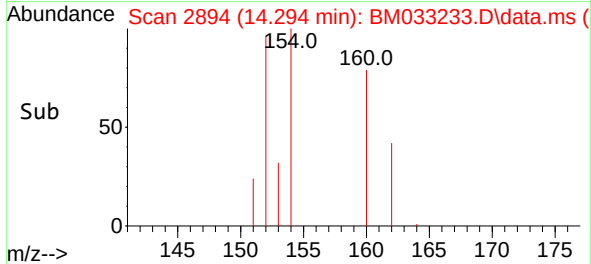
Instrument :
BNA_M
ClientSampleId :
F4L07



Tgt Ion:152 Resp: 2589
Ion Ratio Lower Upper
152 100
151 24.5 16.7 25.1
153 33.1 0.0 0.0

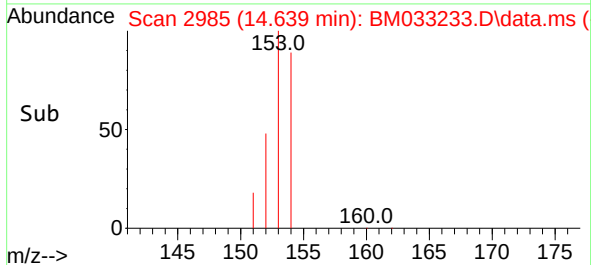
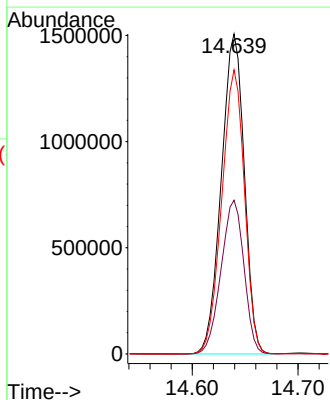
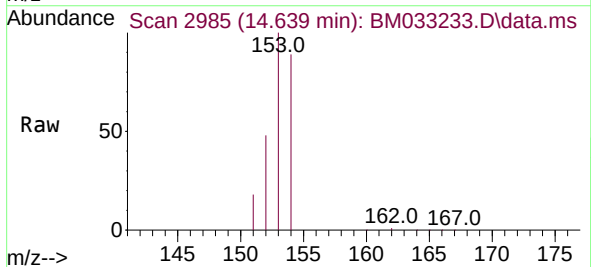
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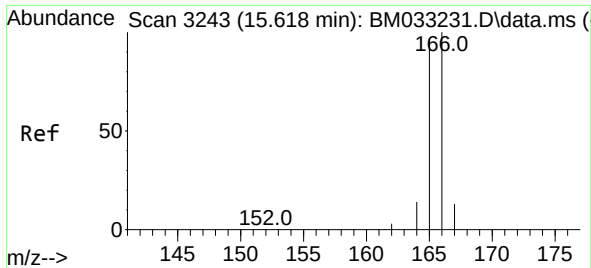
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#11
Acenaphthene
Concen: 97.699 ng/ul
RT: 14.639 min Scan# 2985
Delta R.T. -0.005 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

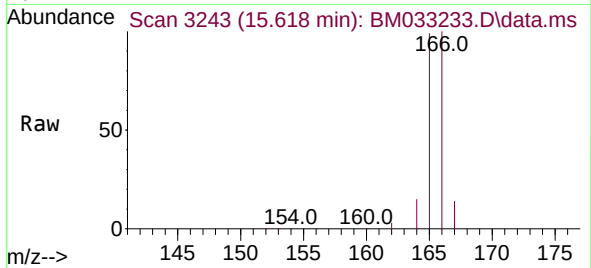
Tgt Ion:153 Resp: 2278786
Ion Ratio Lower Upper
153 100
152 48.0 40.6 60.8
154 88.8 70.8 106.2





#12
Fluorene
Concen: 20.294 ng/ul
RT: 15.618 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

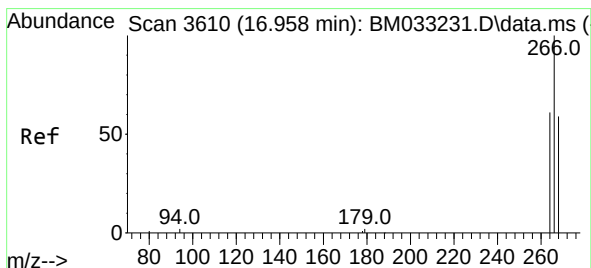
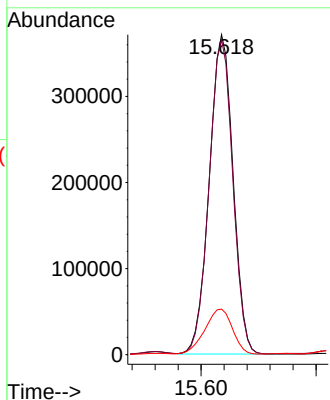
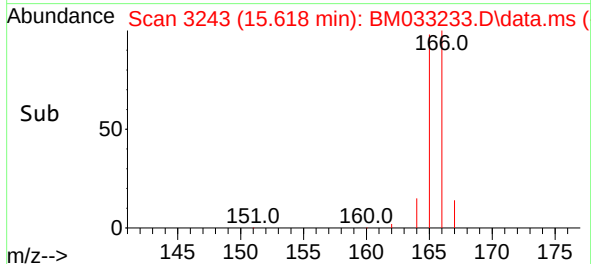
Instrument :
BNA_M
ClientSampleId :
F4L07



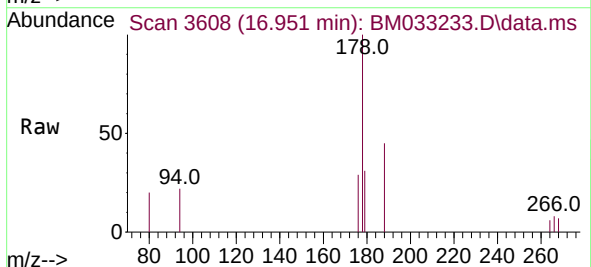
Tgt Ion:166 Resp: 53412
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 14.3 11.7 17.5

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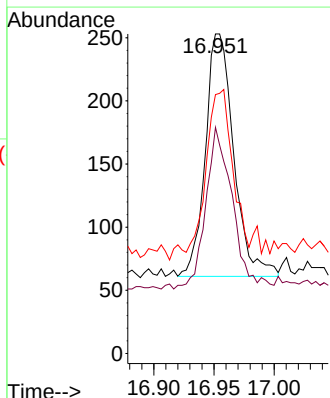
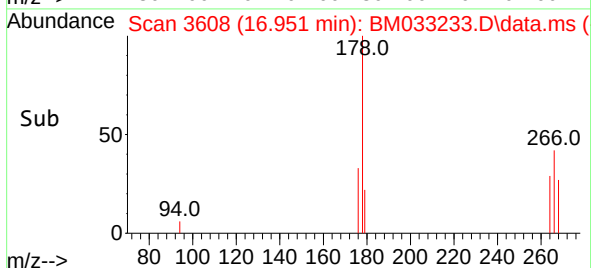
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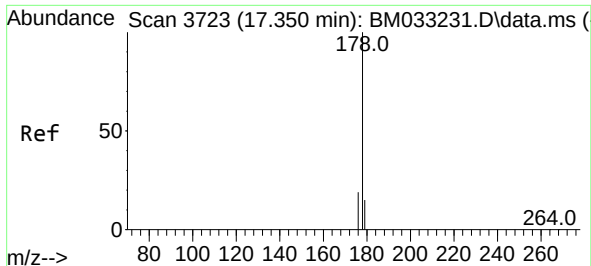


#14
Pentachlorophenol
Concen: 0.066 ng/ul
RT: 16.951 min Scan# 3608
Delta R.T. -0.015 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



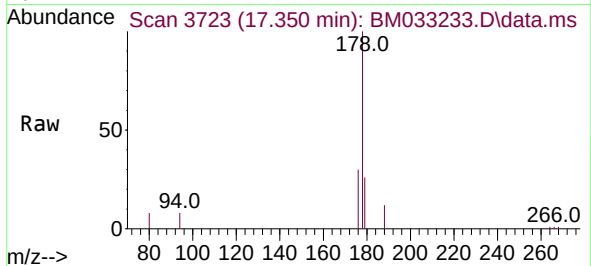
Tgt Ion:266 Resp: 316
Ion Ratio Lower Upper
266 100
264 62.3 51.2 76.8
268 63.6 52.9 79.3





#15
Phenanthrene
Concen: 0.179 ng/ul m
RT: 17.350 min Scan# 3723
Delta R.T. -0.008 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

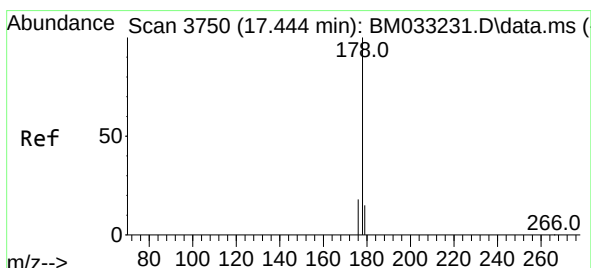
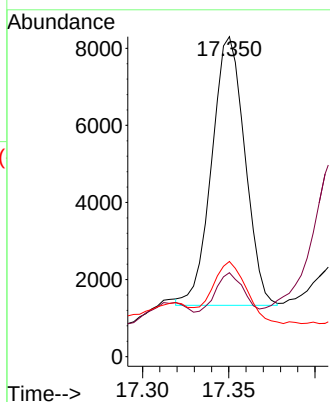
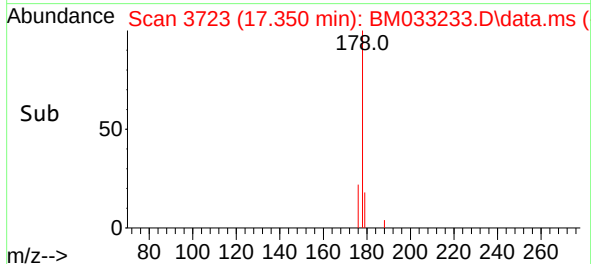
Instrument :
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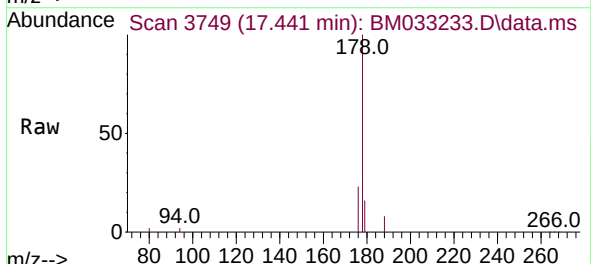
Tgt Ion:178 Resp: 931
Ion Ratio Lower Upper
178 100
179 26.2 12.9 19.3
176 29.7 16.0 24.0

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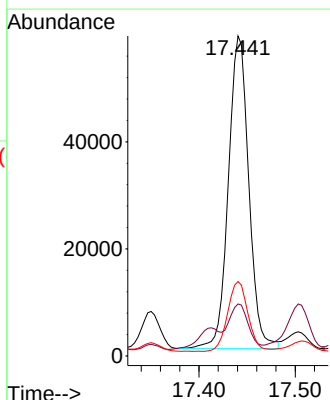
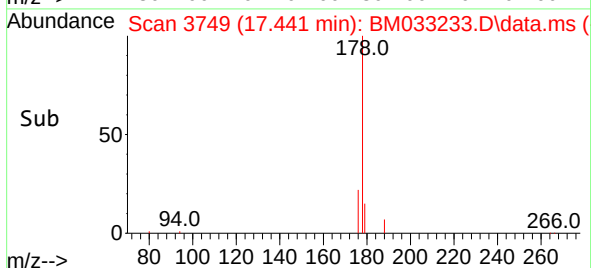
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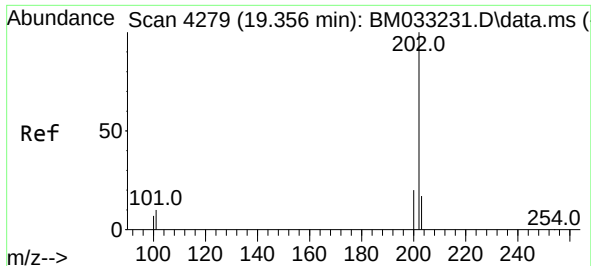


#16
Anthracene
Concen: 2.047 ng/ul
RT: 17.441 min Scan# 3749
Delta R.T. -0.011 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



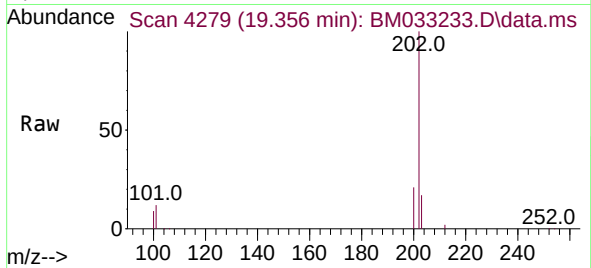
Tgt Ion:178 Resp: 86042
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 23.2 15.6 23.4





#19
Fluoranthene
Concen: 6.215 ng/u1
RT: 19.356 min Scan# 4374
Delta R.T. -0.005 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

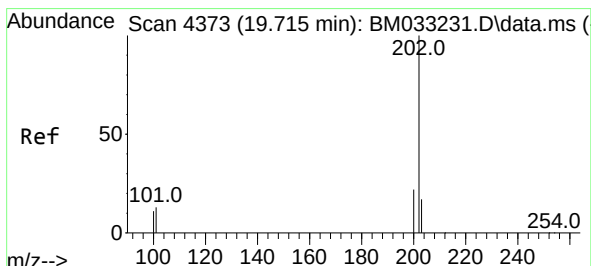
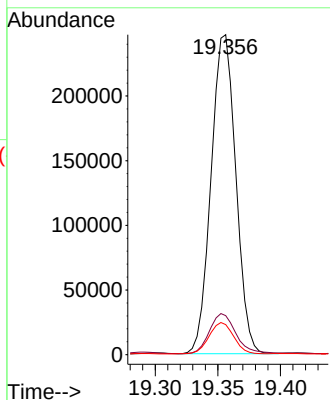
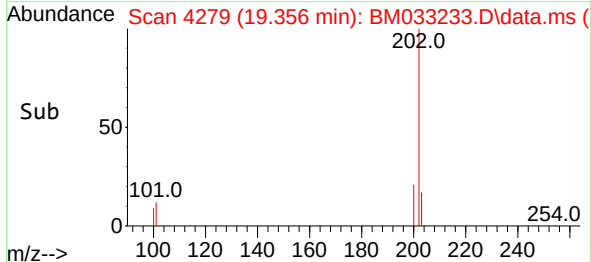
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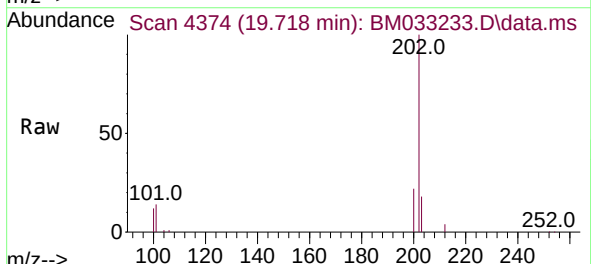
Tgt Ion:202 Resp: 339374
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 9.4 7.3 10.9

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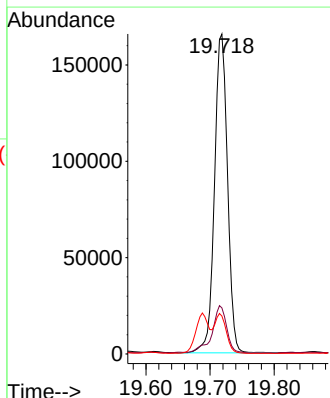
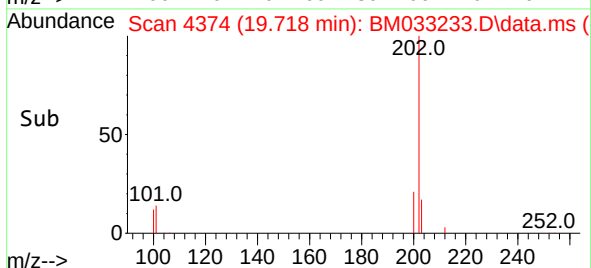
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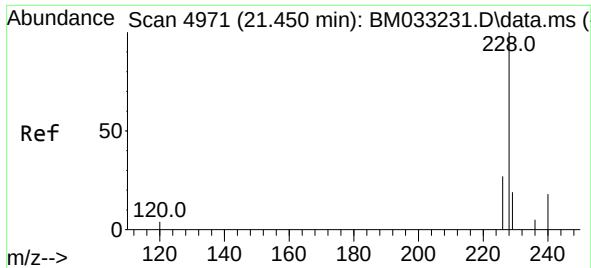


#20
Pyrene
Concen: 4.306 ng/u1
RT: 19.718 min Scan# 4374
Delta R.T. -0.005 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



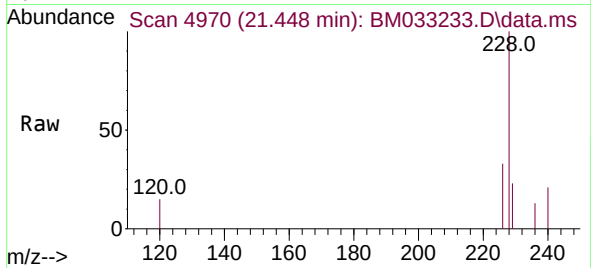
Tgt Ion:202 Resp: 233393
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.8 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.448 min Scan# 4970
Delta R.T. -0.008 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

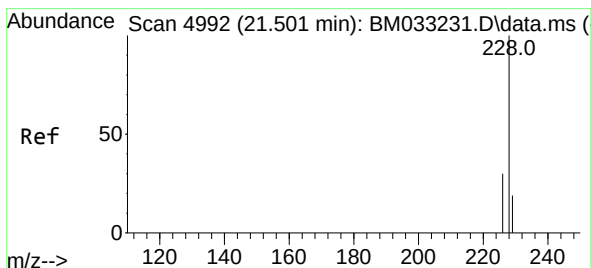
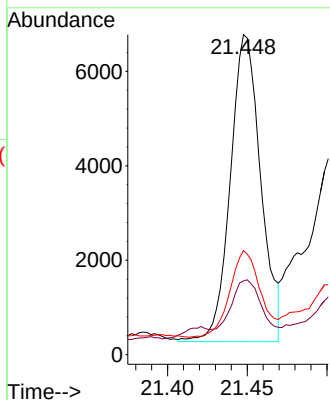
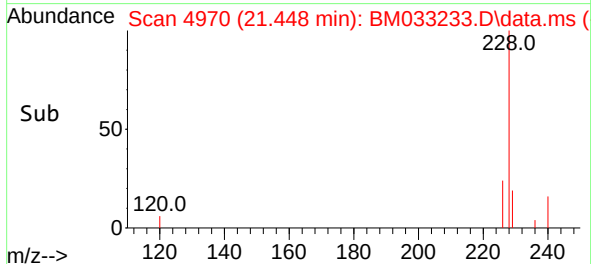
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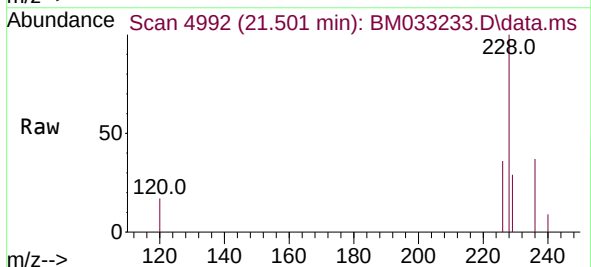
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Ion Ratio Lower Upper
228 100
229 23.1 15.7 23.5
226 32.6 22.4 33.6

Manual Integrations
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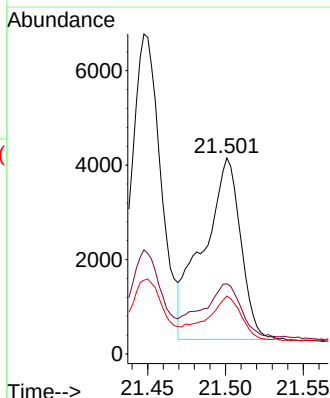
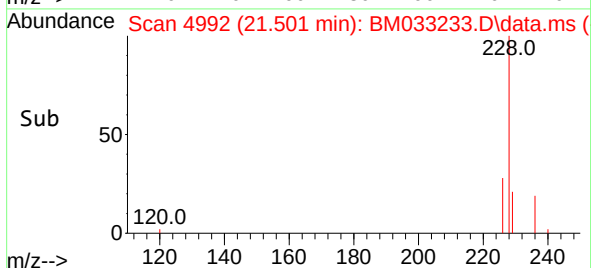
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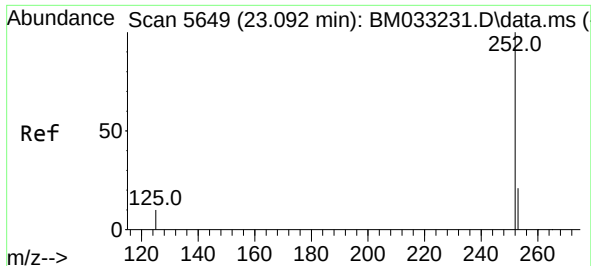


#22
Chrysene
Concen: 0.144 ng/ul m
RT: 21.501 min Scan# 4992
Delta R.T. -0.006 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



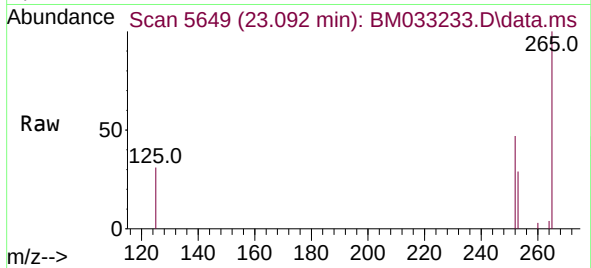
Tgt Ion:228 Resp: 6391
Ion Ratio Lower Upper
228 100
226 35.7 24.9 37.3
229 29.5 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.065 ng/u1
RT: 23.092 min Scan# 5649
Delta R.T. -0.008 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

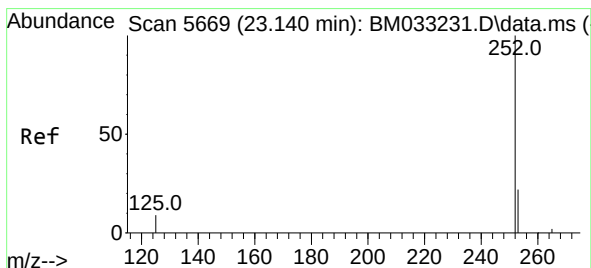
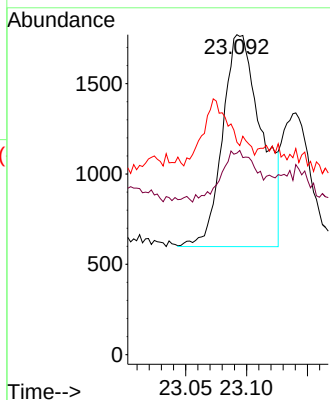
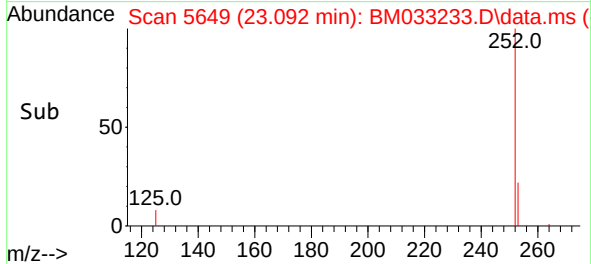
Instrument :
BNA_M
ClientSampleId :
F4L07



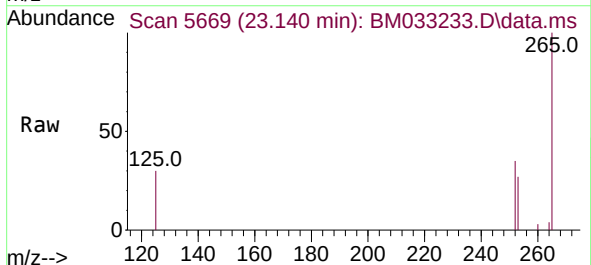
Tgt Ion:252 Resp: 2624
Ion Ratio Lower Upper
252 100
253 63.0 0.0 59.2#
125 66.4 0.0 34.2#

Manual Integrations
APPROVED

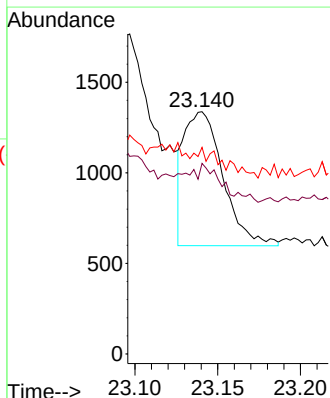
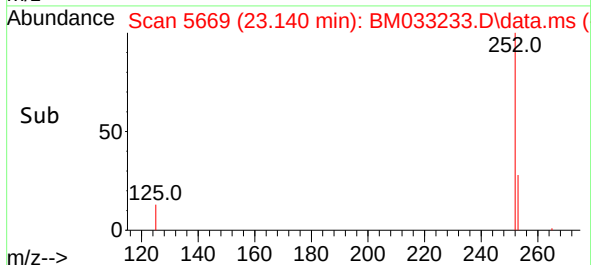
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/26/2021

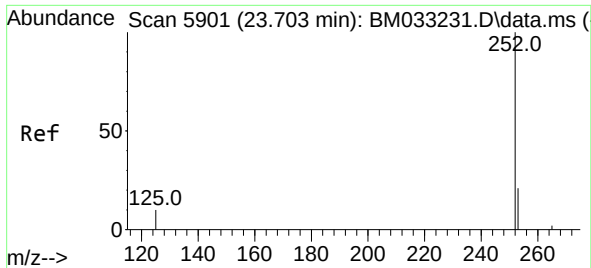


#25
Benzo(k)fluoranthene
Concen: 0.030 ng/u1
RT: 23.140 min Scan# 5669
Delta R.T. -0.008 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37



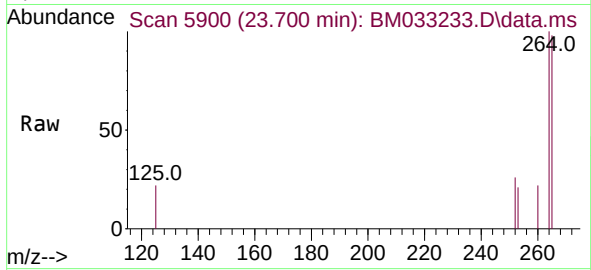
Tgt Ion:252 Resp: 1211
Ion Ratio Lower Upper
252 100
253 78.6 23.1 34.7#
125 85.3 14.6 21.8#





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.700 min Scan# 5901
Delta R.T. -0.011 min
Lab File: BM033233.D
Acq: 23 Nov 2021 11:37

Instrument :
BNA_M
ClientSampleId :
F4L07



Tgt Ion:252 Resp: 1004
Ion Ratio Lower Upper
252 100
253 80.9 27.1 40.7
125 84.2 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/26/2021

