

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033600.D
 Acq On : 23 Dec 2021 06:38
 Operator : CG/JU
 Sample : M5090-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG3F5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 07:46:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	462	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	1182	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.560	164	870	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	2052m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.479	240	2571	0.400	ng/ul	-0.01
23) Perylene-d12	23.868	264	2779	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1619	4.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	605	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	2602	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	303	0.078	ng/ul#	64
8) 1-Methylnaphthalene	12.609	142	107	0.043	ng/ul	98
11) Acenaphthene	14.625	153	95	0.027	ng/ul#	88
12) Fluorene	15.603	166	197	0.050	ng/ul#	87
14) Pentachlorophenol	16.952	266	39	0.038	ng/ul#	89
15) Phenanthrene	17.340	178	181m	0.027	ng/ul	
16) Anthracene	17.430	178	1470m	0.235	ng/ul	
19) Fluoranthene	19.357	202	226	0.029	ng/ul#	32
20) Pyrene	19.715	202	291	0.035	ng/ul#	1
21) Benzo(a)anthracene	21.467	228	263	0.037	ng/ul#	54
22) Chrysene	21.520	228	258	0.032	ng/ul#	63
24) Benzo(b)fluoranthene	23.143	252	269	0.031	ng/ul#	1
25) Benzo(k)fluoranthene	23.189	252	246	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	27.119	276	205	0.021	ng/ul#	20

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

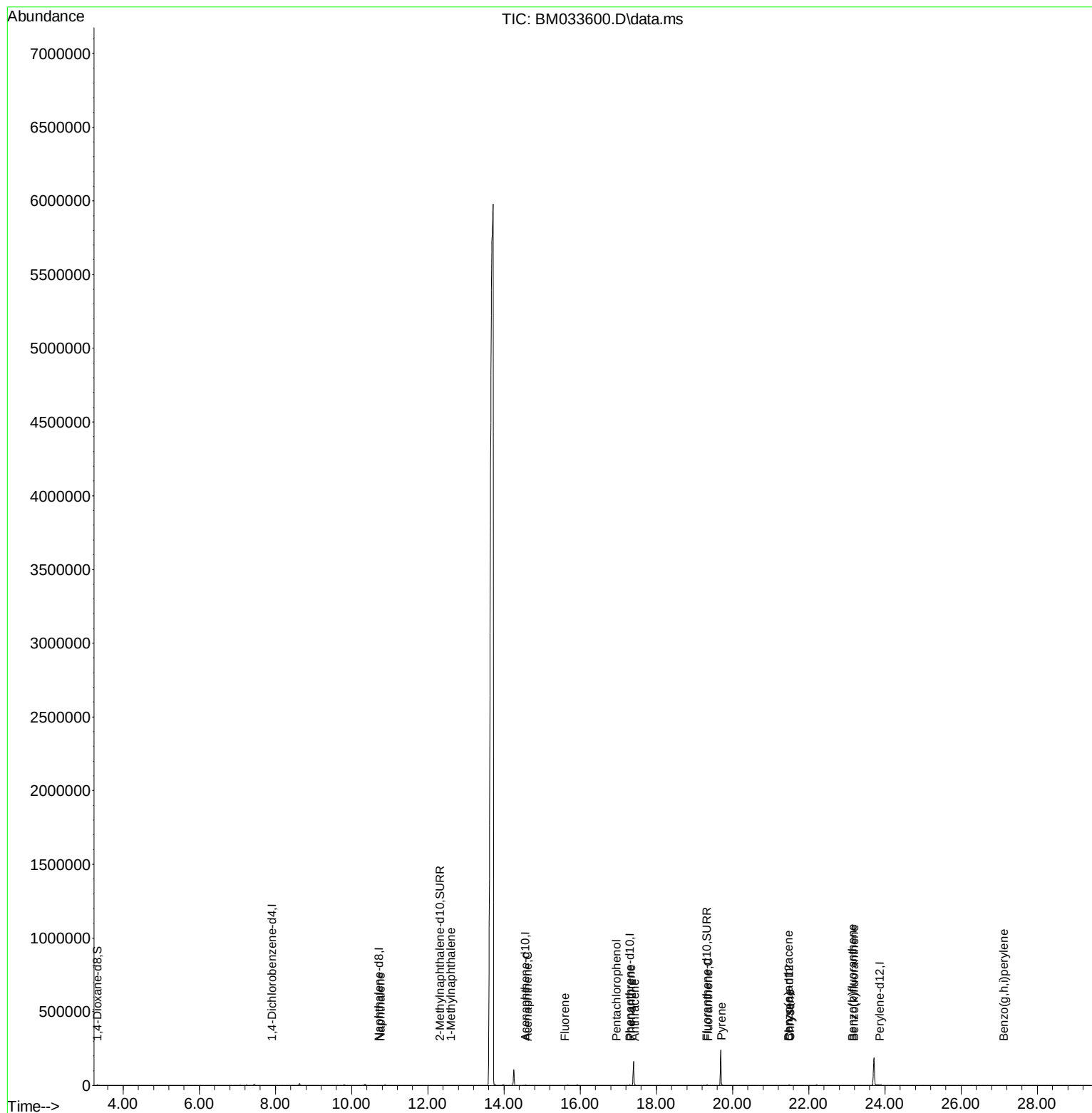
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033600.D
Acq On : 23 Dec 2021 06:38
Operator : CG/JU
Sample : M5090-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

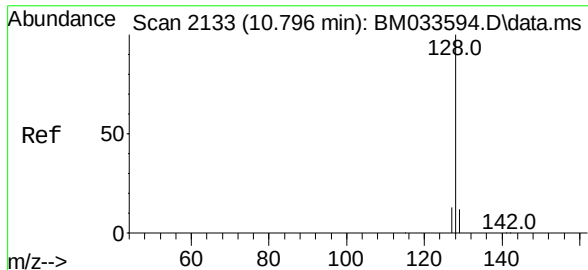
Instrument :
BNA_M
ClientSampleId :
BG3F5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 07:46:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration





Naphthalene
Concen: 0.078 ng/ul
RT: 10.765 min Scan# 2126
Delta R.T. -0.014 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

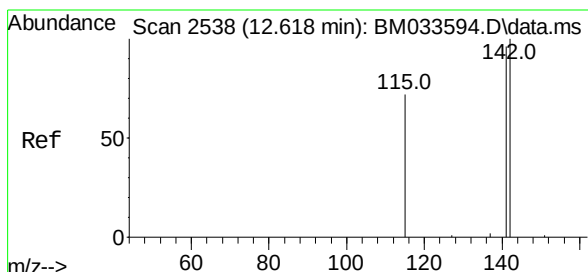
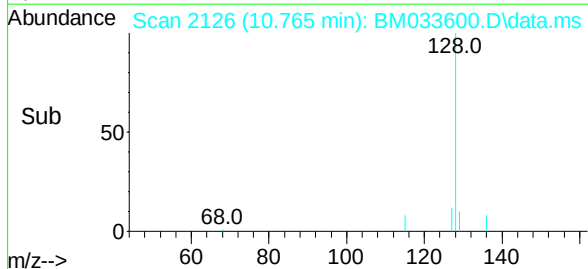
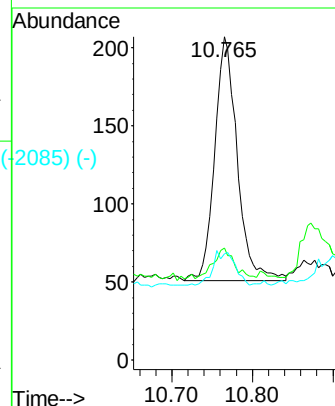
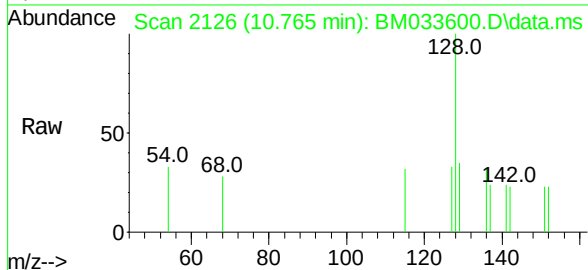
Instrument :
BNA_M
ClientSampleId :
BG3F5

Tgt Ion:128 Resp: 30

Ion	Ratio	Lower	Upper
128	100		
129	34.8	13.4	20.2
127	32.9	15.2	22.8

Manual Integrations
APPROVED

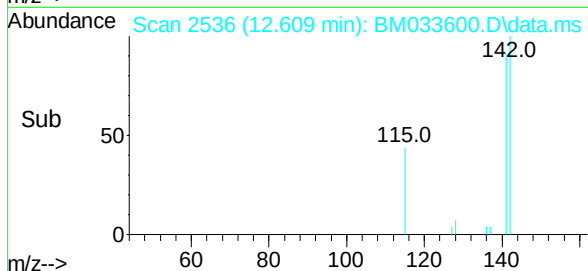
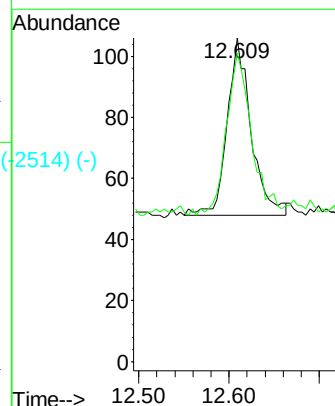
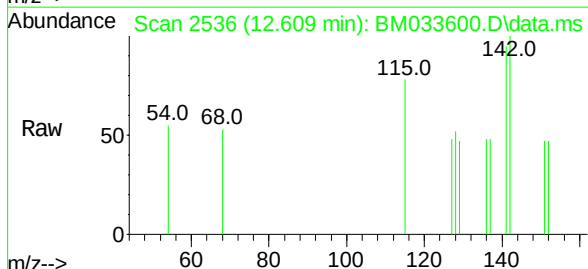
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

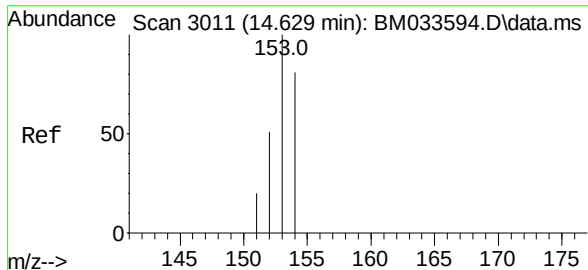


1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.609 min Scan# 2536
Delta R.T. -0.000 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Tgt Ion:142 Resp: 107

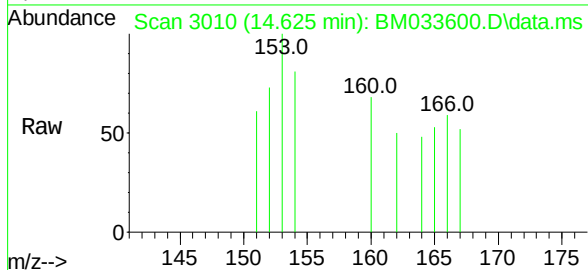
Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.0	112.4





Acenaphthene
Concen: 0.027 ng/ul
RT: 14.625 min Scan# 3011
Delta R.T. 0.004 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

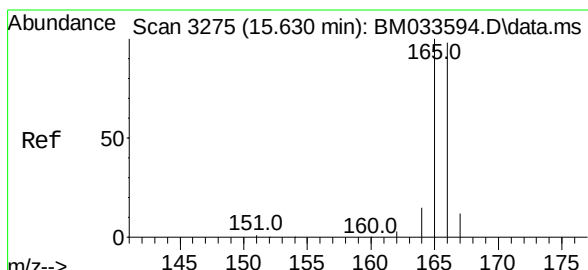
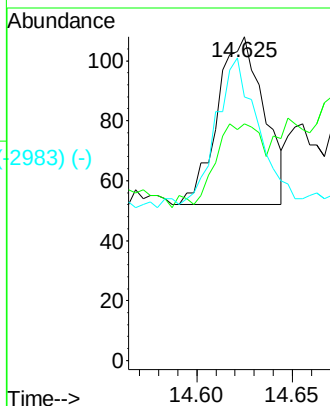
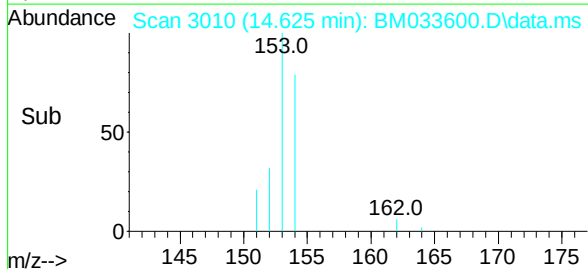
Instrument :
BNA_M
ClientSampleId :
BG3F5



Tgt Ion:153 Resp: 100
Ion Ratio Lower Upper
153 100
152 73.1 42.4 63.6
154 81.5 66.2 99.2

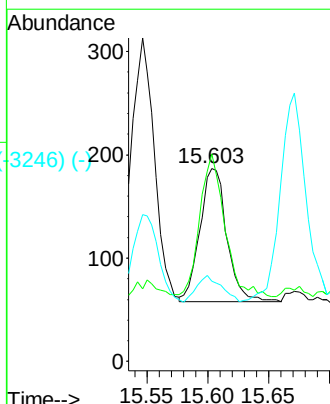
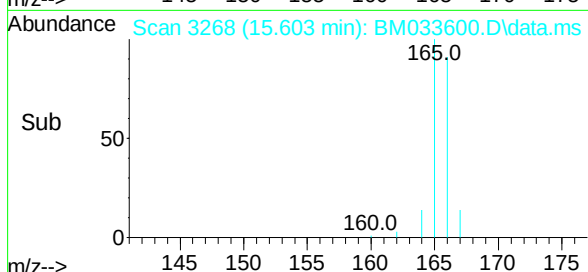
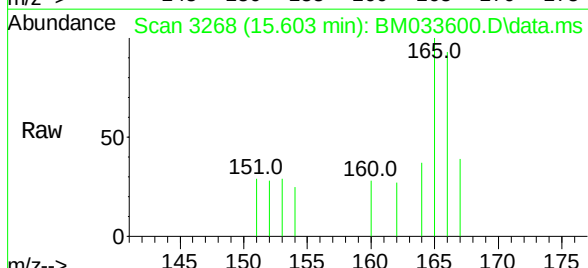
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



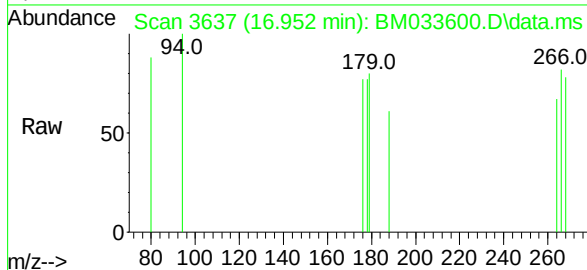
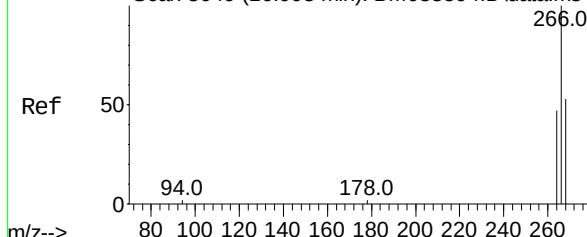
Fluorene
Concen: 0.050 ng/ul
RT: 15.603 min Scan# 3268
Delta R.T. -0.015 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Tgt Ion:166 Resp: 197
Ion Ratio Lower Upper
166 100
165 107.5 81.1 121.7
167 41.7 14.9 22.3#

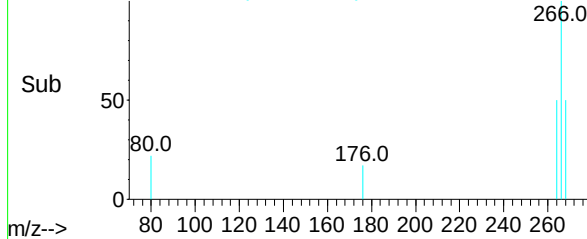


Abundance Scan 3649 (16.993 min): BM033594.D\data.ms (-3639) (-)

Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.952 min Scan# 3639
Delta R.T. -0.028 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38



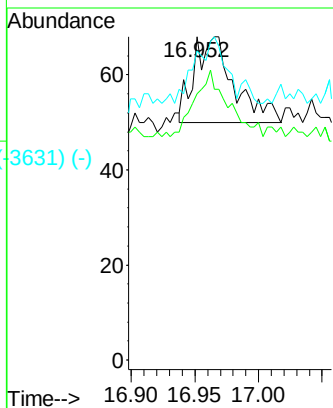
Abundance Scan 3637 (16.952 min): BM033600.D\data.ms (-3631) (-)



Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.4	77.0
268	48.7	53.1	79.7

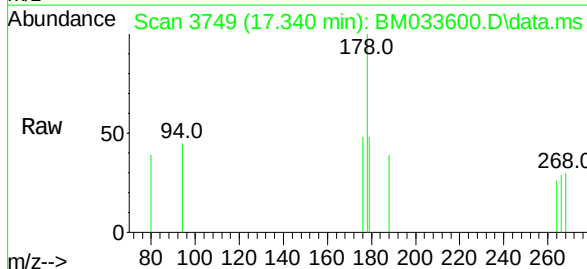
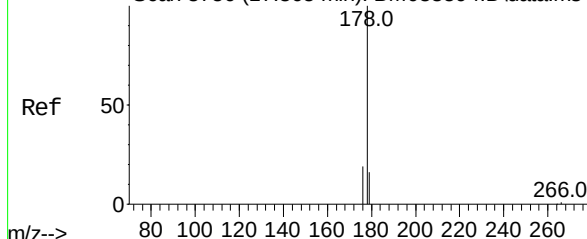
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

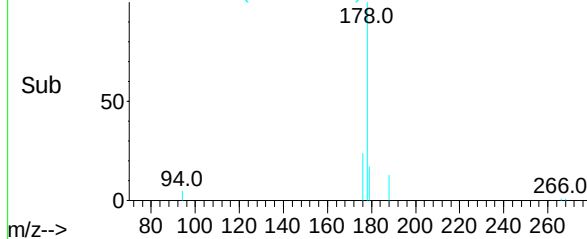


Abundance Scan 3756 (17.365 min): BM033594.D\data.ms (-3745) (-)

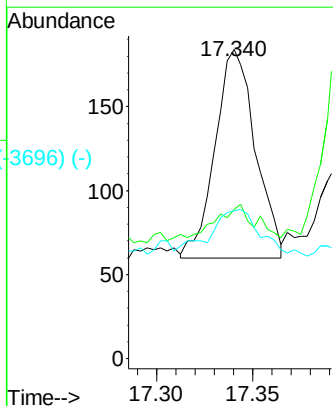
Phenanthrene
Concen: 0.027 ng/ul m
RT: 17.340 min Scan# 3749
Delta R.T. -0.017 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38



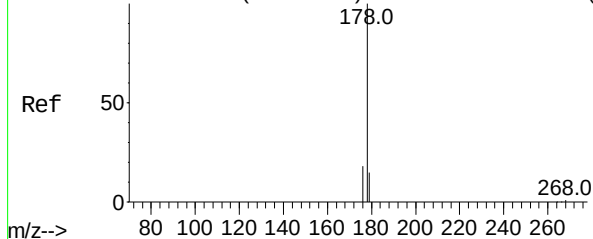
Abundance Scan 3749 (17.340 min): BM033600.D\data.ms (-3696) (-)



Tgt Ion	Ratio	Lower	Upper
178	100		
179	48.4	15.0	22.6#
176	47.8	17.9	26.9#



Abundance Scan 3786 (17.469 min): BM033594.D\data.ms (-3710) (-)



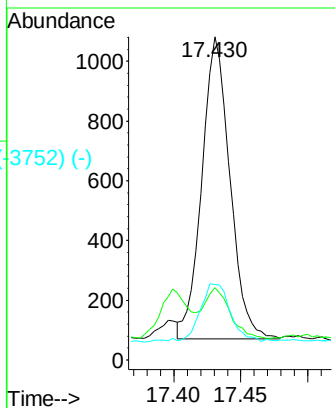
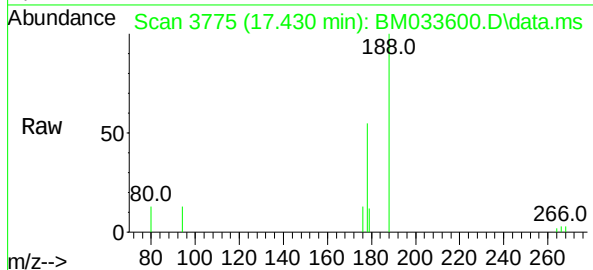
Anthracene
Concen: 0.235 ng/ul m
RT: 17.430 min Scan#
Delta R.T. -0.021 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Instrument :
BNA_M
ClientSampleId :
BG3F5

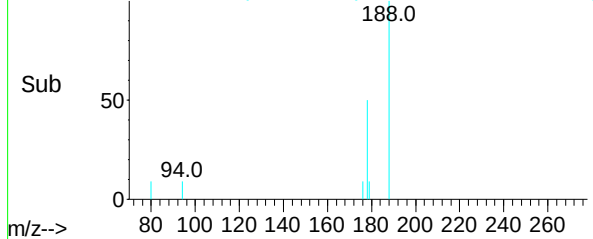
Tgt Ion:178 Resp: 147
Ion Ratio Lower Upper
178 100
179 22.5 16.5 24.7
176 23.3 18.3 27.5

Manual Integrations
APPROVED

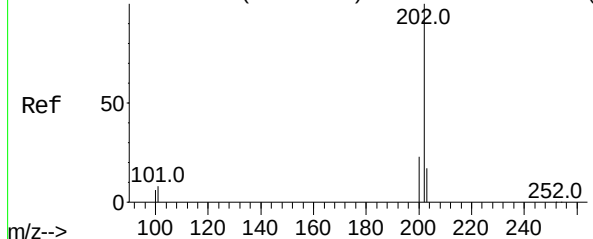
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 3775 (17.430 min): BM033600.D\data.ms (-3752) (-)

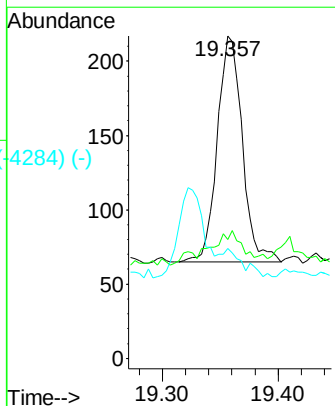
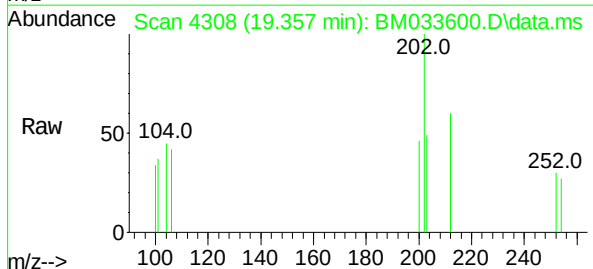


Abundance Scan 4312 (19.372 min): BM033594.D\data.ms (-4210) (-)

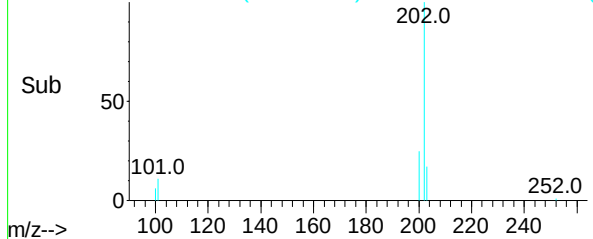


Fluoranthene
Concen: 0.029 ng/ul
RT: 19.357 min Scan# 4308
Delta R.T. -0.008 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

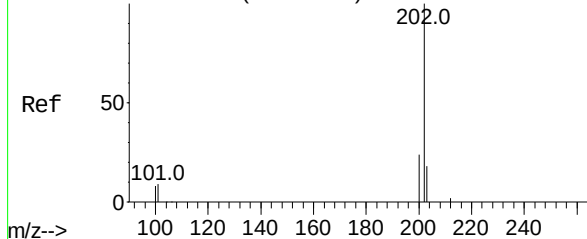
Tgt Ion:202 Resp: 226
Ion Ratio Lower Upper
202 100
101 36.9 9.2 13.8#
100 34.1 7.2 10.8#



Abundance Scan 4308 (19.357 min): BM033600.D\data.ms (-4284) (-)



Abundance Scan 4406 (19.731 min): BM033594.D\data.ms (-4320) (-)



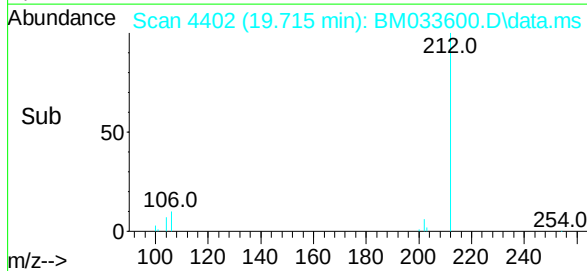
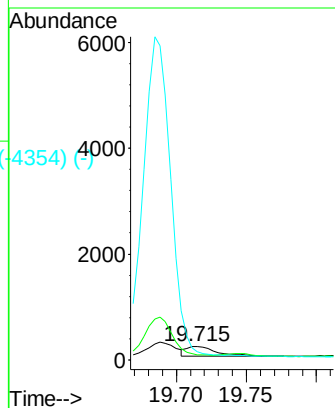
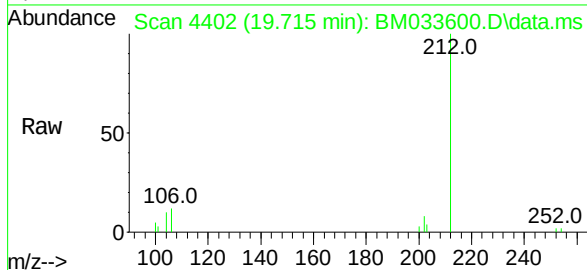
Pyrene
Concen: 0.035 ng/ul
RT: 19.715 min Scan# 4406
Delta R.T. -0.016 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Instrument :
BNA_M
ClientSampleId :
BG3F5

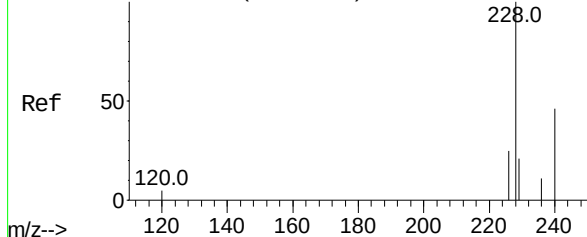
Tgt Ion	Ratio	Lower	Upper
202	100		
101	38.8	9.3	13.9
100	60.0	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

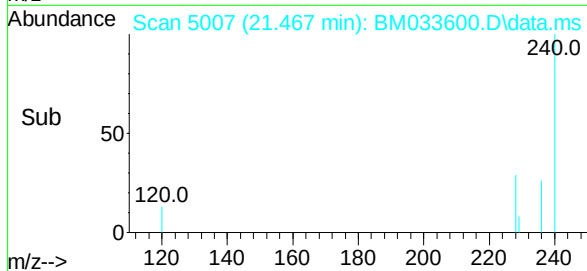
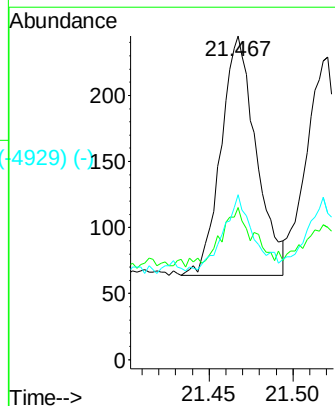
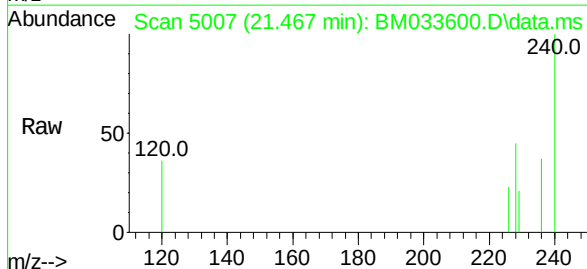


Abundance Scan 5012 (21.480 min): BM033594.D\data.ms (-4921) (-)



Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.467 min Scan# 5007
Delta R.T. -0.010 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	46.9	17.3	25.9#
226	51.0	23.2	34.8#



Abundance Scan 5032 (21.528 min): BM033594.D\data.ms (-5622) (-)

Chrysene

Concen: 0.032 ng/ul

RT: 21.520 min Scan# 5622

Delta R.T. -0.005 min

Lab File: BM033600.D

Acq: 23 Dec 2021 06:38

Ref

m/z-->

Abundance Scan 5029 (21.520 min): BM033600.D\data.ms

Raw

m/z-->

Abundance Scan 5029 (21.520 min): BM033600.D\data.ms (-4990) (-)

Sub

m/z-->

Tgt Ion:228 Resp: 25

Ion Ratio Lower Upper

228 100

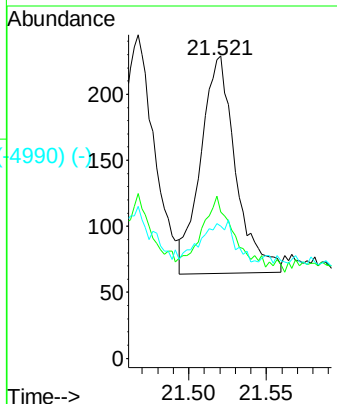
226 48.5 25.8 38.8

229 43.7 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 5704 (23.156 min): BM033594.D\data.ms (-5626) (-)

Benzo(b)fluoranthene

Concen: 0.031 ng/ul

RT: 23.143 min Scan# 5699

Delta R.T. -0.013 min

Lab File: BM033600.D

Acq: 23 Dec 2021 06:38

Ref

m/z-->

Abundance Scan 5699 (23.143 min): BM033600.D\data.ms

Raw

m/z-->

Abundance Scan 5699 (23.143 min): BM033600.D\data.ms (-5622) (-)

Sub

m/z-->

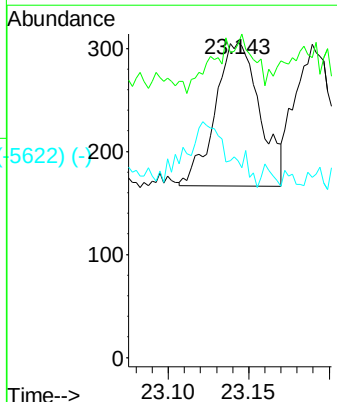
Tgt Ion:252 Resp: 269

Ion Ratio Lower Upper

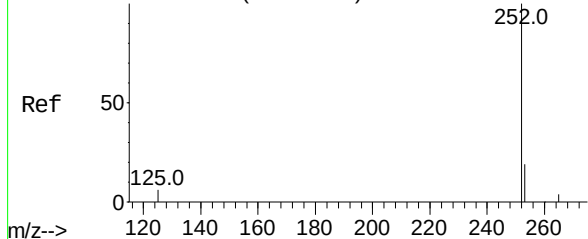
252 100

253 99.3 0.0 64.2#

125 62.4 0.0 28.8#



Abundance Scan 5725 (23.207 min): BM033594.D\data.ms (-5725) (-)



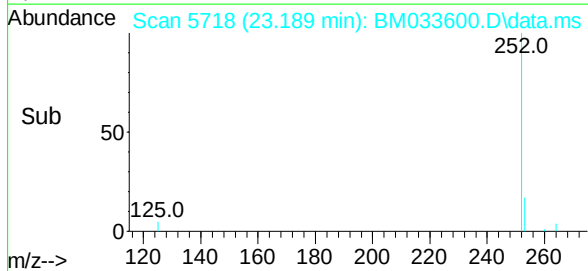
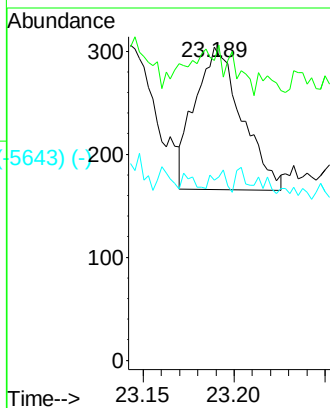
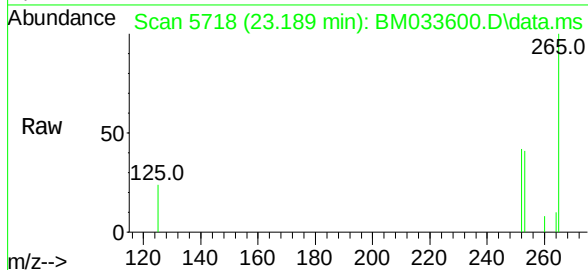
Benzo(k)fluoranthene
Concen: 0.027 ng/ul
RT: 23.189 min Scan# 5725
Delta R.T. -0.017 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Instrument :
BNA_M
ClientSampleId :
BG3F5

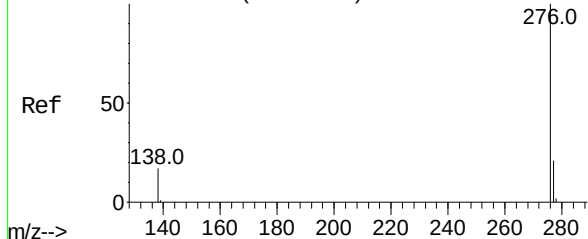
Tgt Ion	Ratio	Lower	Upper
252	100		
253	95.7	26.8	40.2
125	57.6	12.0	18.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 7343 (27.127 min): BM033594.D\data.ms (-7343) (-)



Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.119 min Scan# 7340
Delta R.T. -0.020 min
Lab File: BM033600.D
Acq: 23 Dec 2021 06:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	61.3	17.4	26.0#
277	68.9	22.6	33.8#

