

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033637.D
 Acq On : 04 Jan 2022 22:07
 Operator : CG/JU
 Sample : M5246-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCEN2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2022
 Supervised By :Yogesh Patel 01/06/2022

Quant Time: Jan 05 00:26:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 15:58:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	3824	0.400	ng/ul	0.00
4) Naphthalene-d8	10.805	136	13348	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.625	164	6791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.361	188	11566	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	7976	0.400	ng/ul	# 0.00
23) Perylene-d12	23.948	264	8025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3276	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	913	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	1367	0.055	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.855	128	1026	0.027	ng/ul	95
10) Acenaphthylene	14.344	152	4449	0.142	ng/ul#	93
11) Acenaphthene	14.686	153	1200	0.048	ng/ul	96
12) Fluorene	15.668	166	2512	0.084	ng/ul	89
14) Pentachlorophenol	17.007	266	106	0.023	ng/ul	88
15) Phenanthrene	17.403	178	31126	0.831	ng/ul	94
16) Anthracene	17.493	178	14313	0.416	ng/ul#	92
19) Fluoranthene	19.407	202	33778	0.903	ng/ul	97
20) Pyrene	19.769	202	46369	1.225	ng/ul#	93
21) Benzo(a)anthracene	21.504	228	19602m	0.592	ng/ul	
22) Chrysene	21.557	228	20247	0.598	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	15459m	0.440	ng/ul	
25) Benzo(k)fluoranthene	23.253	252	5759m	0.167	ng/ul	
26) Benzo(a)pyrene	23.839	252	15731	0.515	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.485	276	7448	0.187	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.492	278	2153	0.068	ng/ul#	70
29) Benzo(g,h,i)perylene	27.260	276	6367	0.186	ng/ul#	92

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

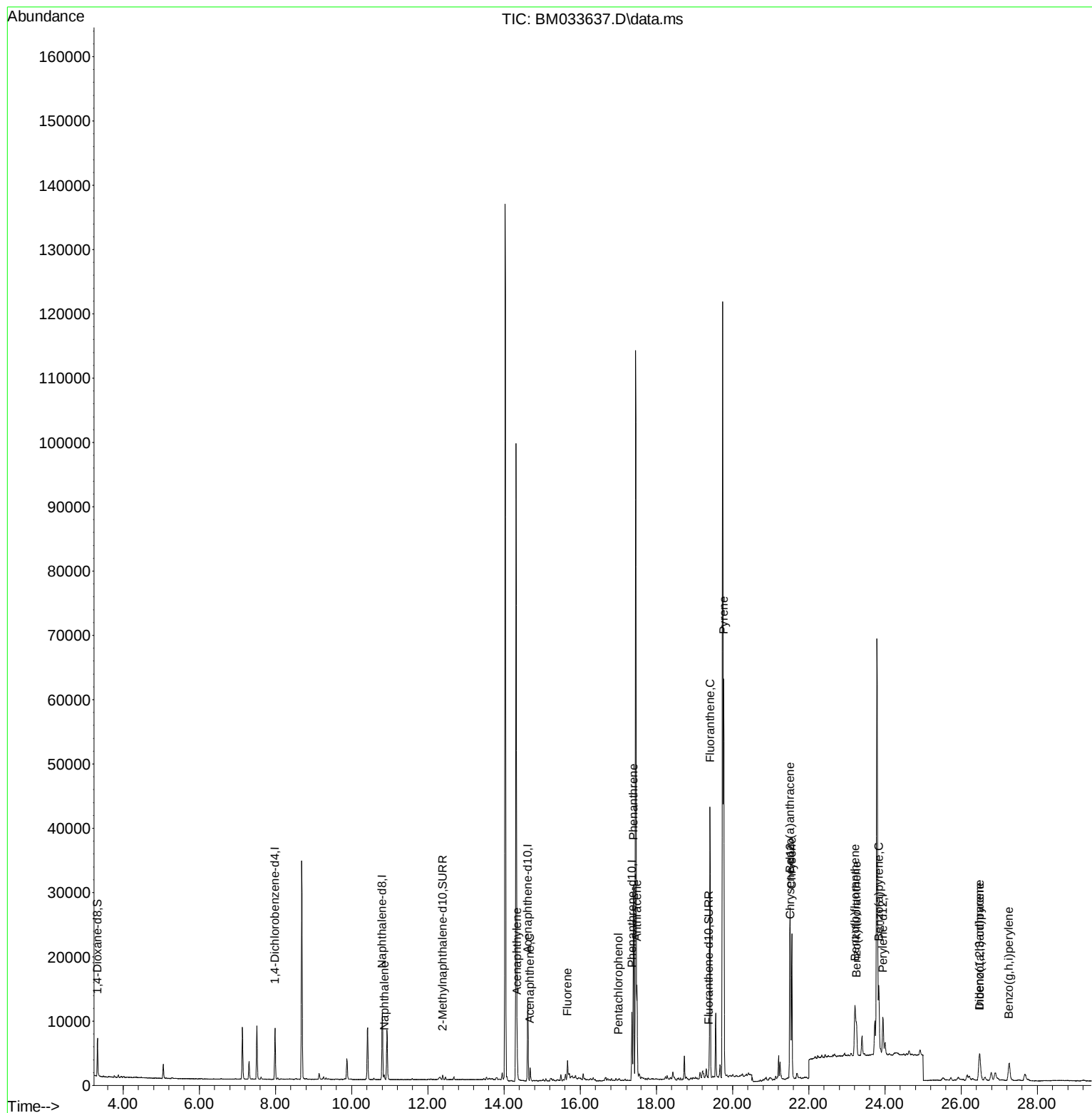
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033637.D
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ALS Vial : 18 Sample Multiplier: 1

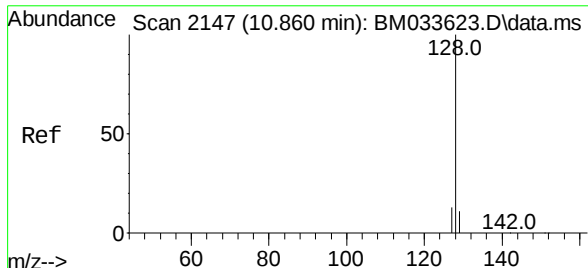
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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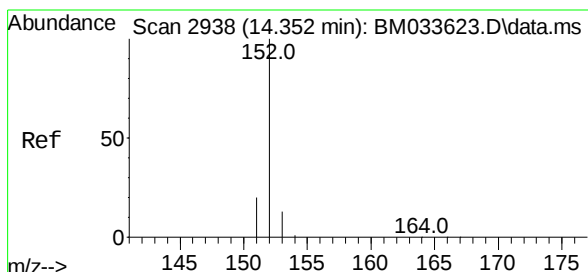
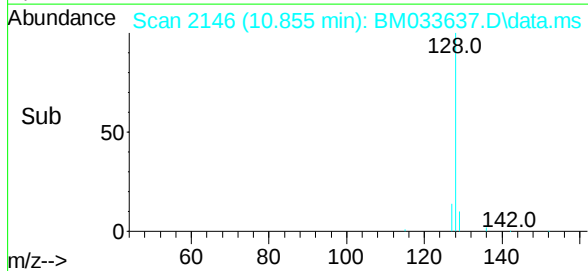
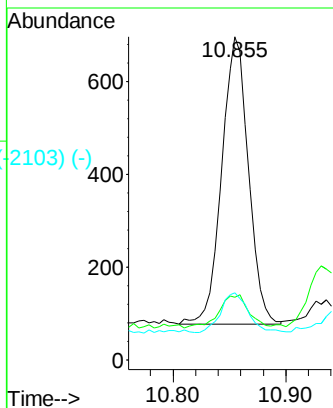
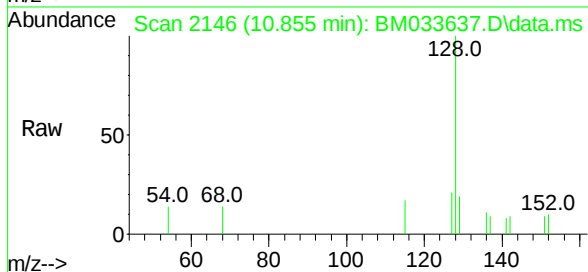
Naphthalene
 Concen: 0.027 ng/ul
 RT: 10.855 min Scan# 2146
 Delta R.T. -0.005 min
 Lab File: BM033637.D
 Acq: 04 Jan 2022 22:07

Instrument :
 BNA_M
 ClientSampleId :
 JCEN2DL

Tgt Ion:	128	Resp:	102
Ion	Ratio	Lower	Upper
128	100		
129	19.4	13.4	20.2
127	20.7	15.2	22.8

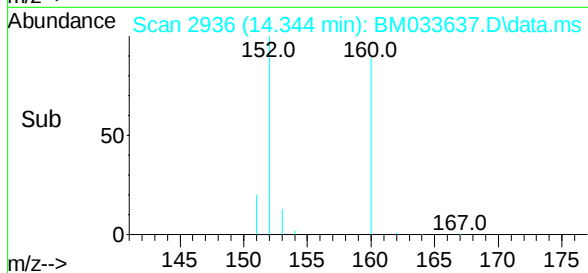
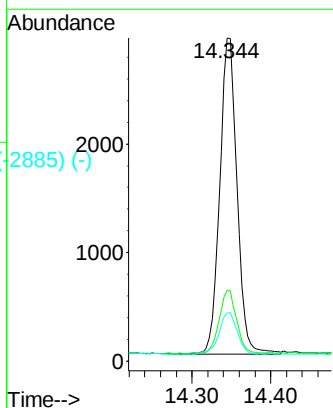
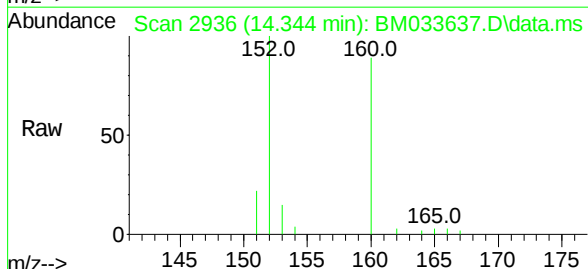
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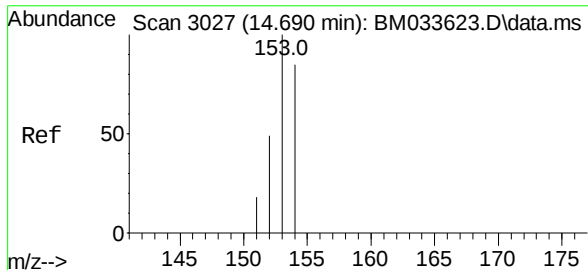
Reviewed By :Jagrut Upadhyay 01/05/2022
 Supervised By :Yogesh Patel 01/06/2022



Acenaphthylene
 Concen: 0.142 ng/ul
 RT: 14.344 min Scan# 2936
 Delta R.T. -0.008 min
 Lab File: BM033637.D
 Acq: 04 Jan 2022 22:07

Tgt Ion:	152	Resp:	4449
Ion	Ratio	Lower	Upper
152	100		
151	22.0	19.9	29.9
153	14.9	15.0	22.4#





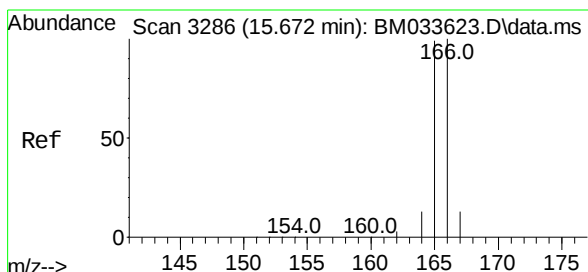
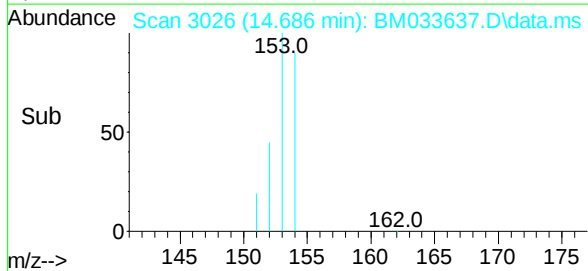
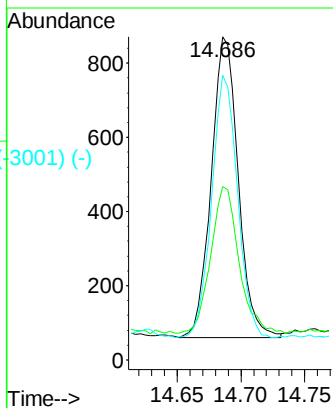
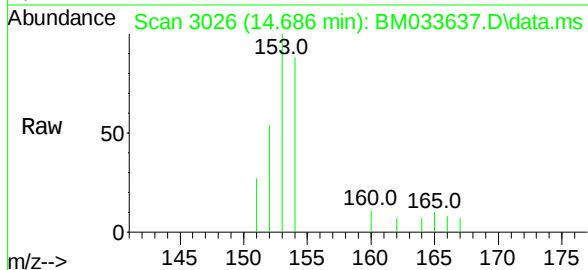
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.686 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

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BNA_M
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JCEN2DL

Tgt Ion:	153	Resp:	120
Ion	Ratio	Lower	Upper
153	100		
152	53.6	42.4	63.6
154	88.2	66.2	99.2

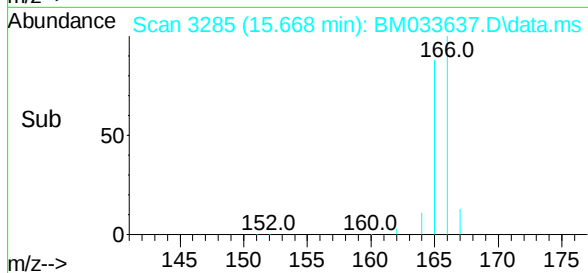
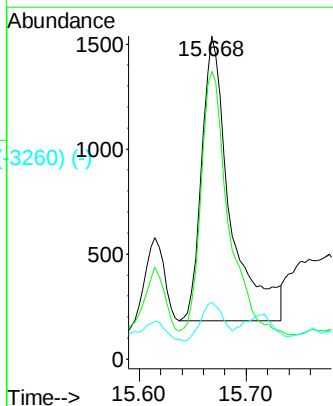
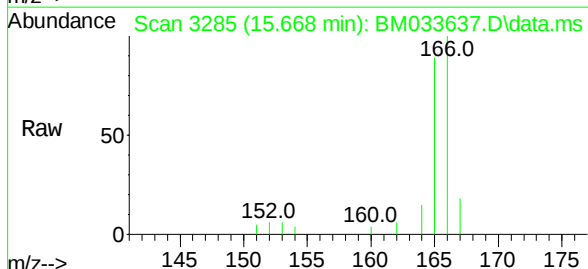
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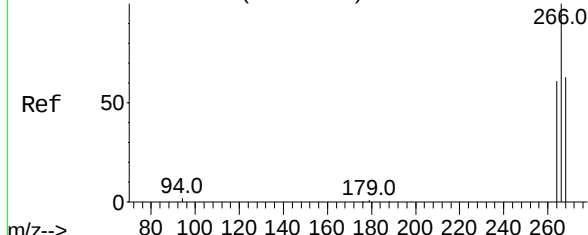


Fluorene
Concen: 0.084 ng/u1
RT: 15.668 min Scan# 3285
Delta R.T. -0.004 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Tgt Ion:	166	Resp:	2512
Ion	Ratio	Lower	Upper
166	100		
165	89.1	81.1	121.7
167	17.6	14.9	22.3



Abundance Scan 3654 (17.011 min): BM033623.D\data.ms (-3644) (-)



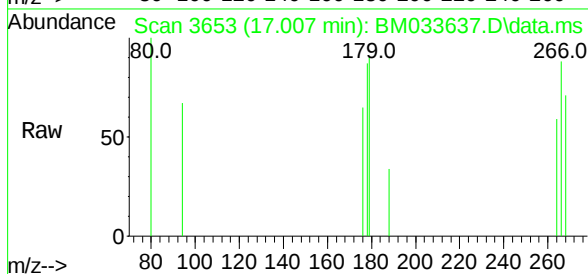
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 17.007 min Scan# 3644
Delta R.T. -0.004 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Instrument :

BNA_M

Client SampleId :

JCEN2DL



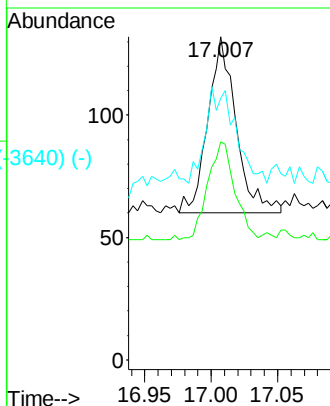
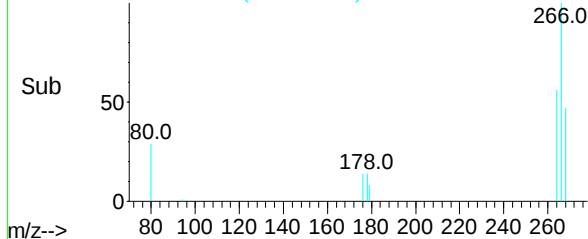
Tgt Ion:	266	Resp:	10
Ion	Ratio	Lower	Upper
266	100		
264	53.8	51.4	77.0
268	57.5	53.1	79.7

Manual Integrations

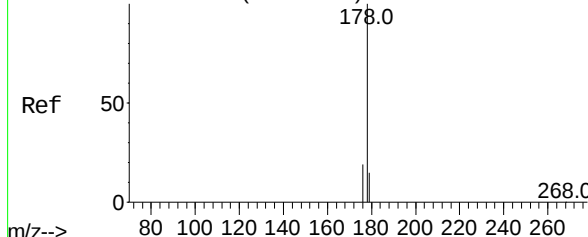
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Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022

Abundance Scan 3653 (17.007 min): BM033637.D\data.ms (-3640) (-)

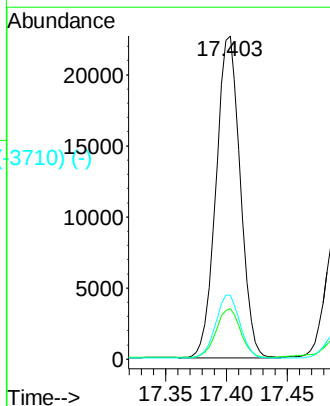
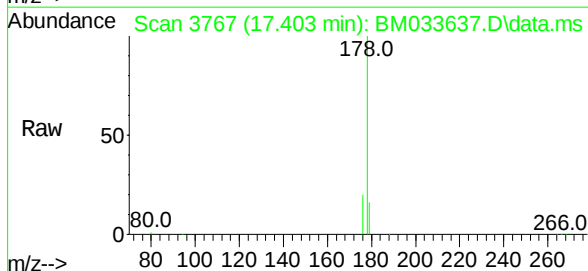


Abundance Scan 3768 (17.406 min): BM033623.D\data.ms (-3715) (-)

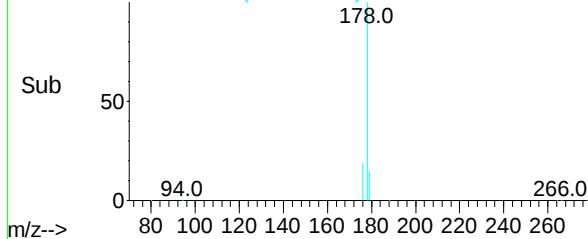


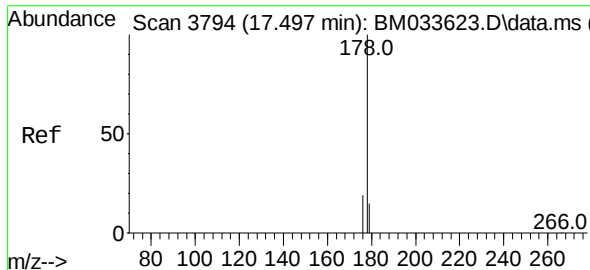
Phenanthrene
Concen: 0.831 ng/ul
RT: 17.403 min Scan# 3767
Delta R.T. -0.004 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Tgt Ion:	178	Resp:	31126
Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.0	22.6
176	19.8	17.9	26.9



Abundance Scan 3767 (17.403 min): BM033637.D\data.ms (-3710) (-)





Anthracene

Concen: 0.416 ng/ul

RT: 17.493 min Scan# 3719

Delta R.T. -0.004 min

Lab File: BM033637.D

Acq: 04 Jan 2022 22:07

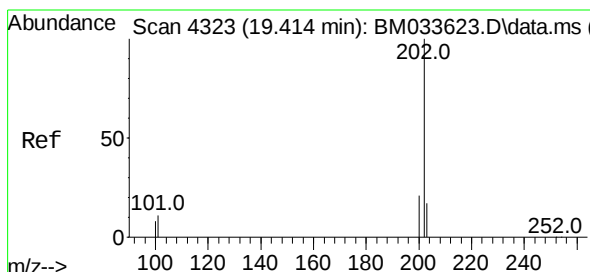
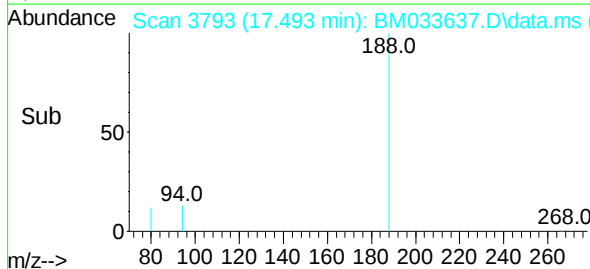
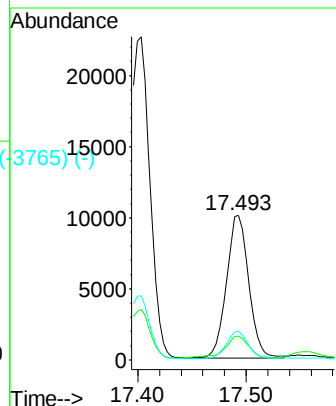
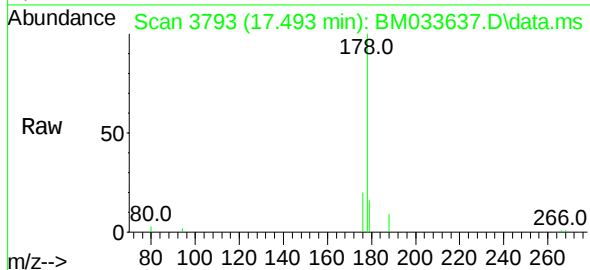
Instrument :
BNA_M
Client Sample Id :
JCEN2DL

Tgt Ion:178 Resp: 143

Ion	Ratio	Lower	Upper
178	100		
179	16.4	16.5	24.7
176	19.7	18.3	27.5

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Fluoranthene

Concen: 0.903 ng/ul

RT: 19.407 min Scan# 4321

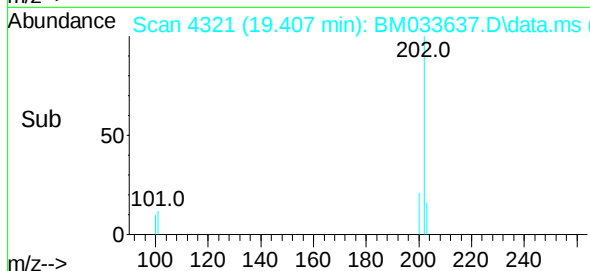
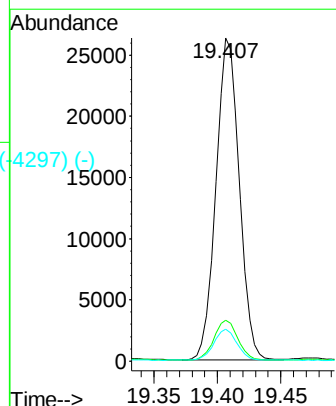
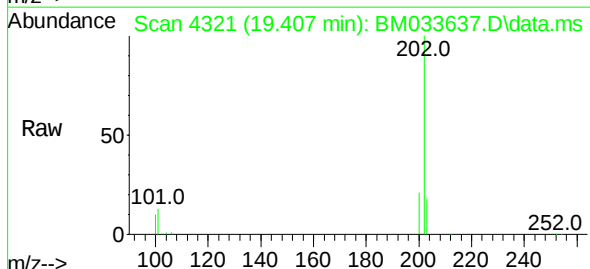
Delta R.T. -0.008 min

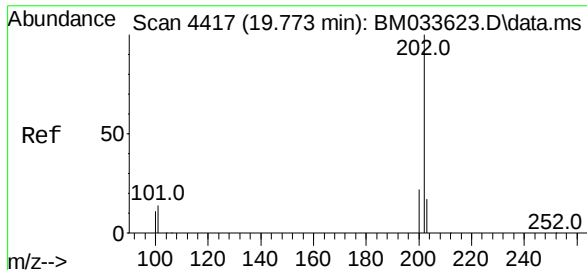
Lab File: BM033637.D

Acq: 04 Jan 2022 22:07

Tgt Ion:202 Resp: 33778

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.2	13.8
100	9.9	7.2	10.8





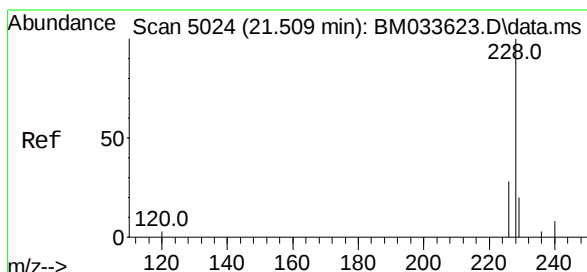
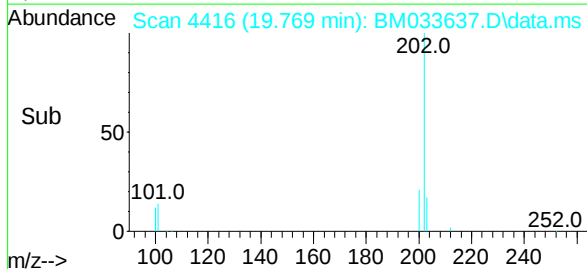
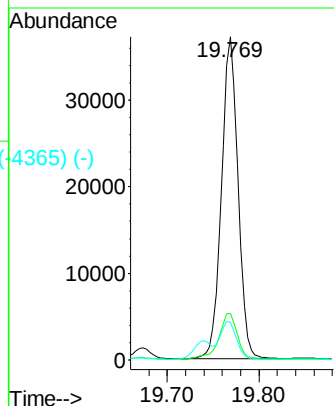
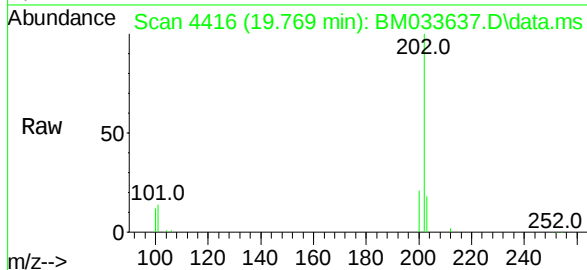
Pyrene
Concen: 1.225 ng/ul
RT: 19.769 min Scan# 4416
Delta R.T. -0.004 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Instrument :
BNA_M
ClientSampleId :
JCEN2DL

Tgt Ion:202 Resp: 4636
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9
100 11.8 7.8 11.6

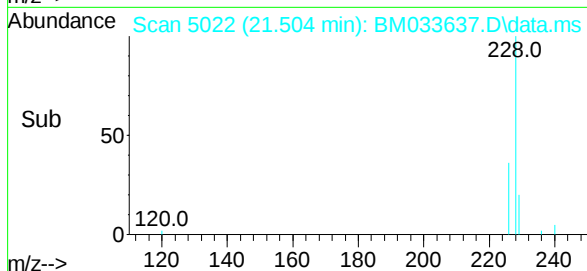
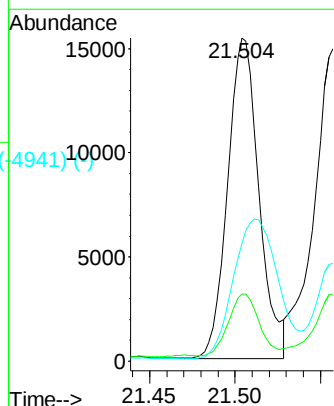
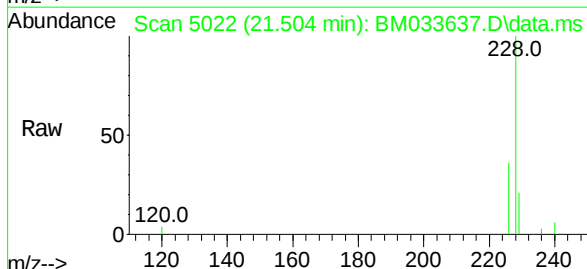
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Benzo(a)anthracene
Concen: 0.592 ng/ul m
RT: 21.504 min Scan# 5022
Delta R.T. -0.005 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Tgt Ion:228 Resp: 19602
Ion Ratio Lower Upper
228 100
229 20.8 17.3 25.9
226 36.4 23.2 34.8#



Abundance Scan 5046 (21.562 min): BM033623.D\data.ms (-5029) (-)

Chrysene

Concen: 0.598 ng/ul

RT: 21.557 min Scan# 5044

Delta R.T. -0.005 min

Lab File: BM033637.D

Acq: 04 Jan 2022 22:07

Ref

m/z-->

Abundance Scan 5044 (21.557 min): BM033637.D\data.ms

Raw

m/z-->

Abundance Scan 5044 (21.557 min): BM033637.D\data.ms (-5005) (-)

Sub

m/z-->

Tgt Ion:228 Resp: 2024

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.8

229 21.6 16.7 25.1

Instrument :

BNA_M

ClientSampleId :

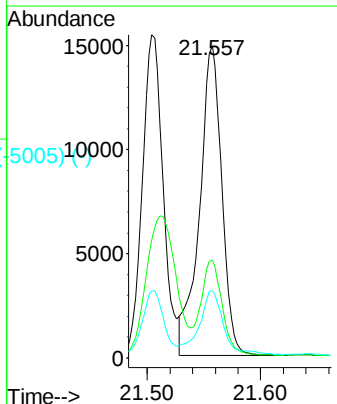
JCEN2DL

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Reviewed By :Jagrut Upadhyay 01/05/2022

Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 5728 (23.214 min): BM033623.D\data.ms (-5729) (-)

Benzo(b)fluoranthene

Concen: 0.440 ng/ul m

RT: 23.214 min Scan# 5728

Delta R.T. -0.000 min

Lab File: BM033637.D

Acq: 04 Jan 2022 22:07

Ref

m/z-->

Abundance Scan 5728 (23.214 min): BM033637.D\data.ms

Raw

m/z-->

Abundance Scan 5728 (23.214 min): BM033637.D\data.ms (-5645) (-)

Sub

m/z-->

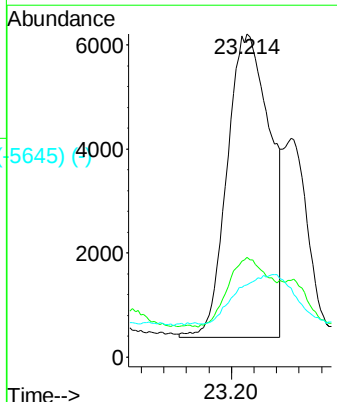
Tgt Ion:252 Resp: 15459

Ion Ratio Lower Upper

252 100

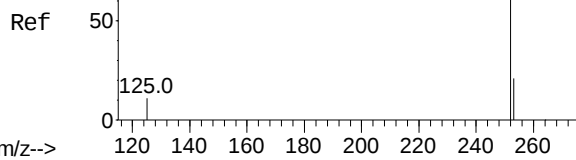
253 30.9 0.0 64.2

125 22.3 0.0 28.8



Abundance Scan 5748 (23.262 min): BM033623.D\data.ms (-5725) (-)

Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 23.253 min Scan# 5748
Delta R.T. -0.010 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

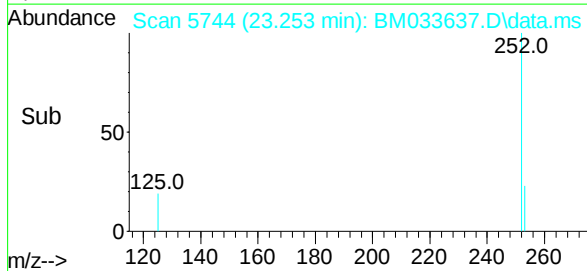
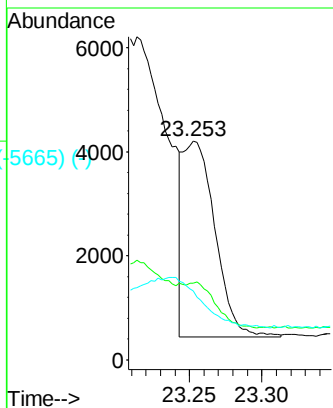
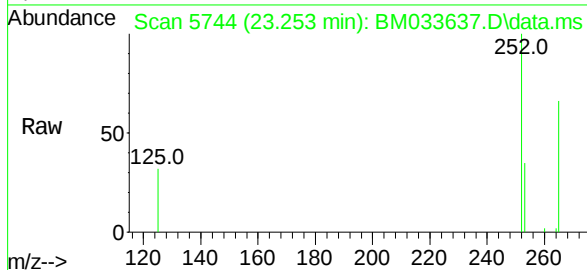


Instrument :
BNA_M
ClientSampleId :
JCEN2DL

Tgt Ion:252 Resp: 5748
Ion Ratio Lower Upper
252 100
253 35.0 26.8 40.2
125 31.6 12.0 18.0

Manual Integrations
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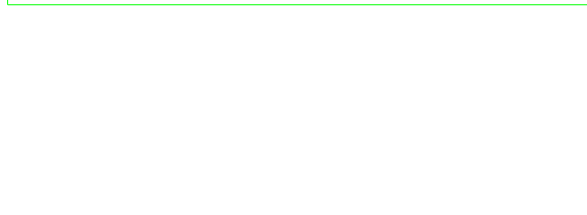
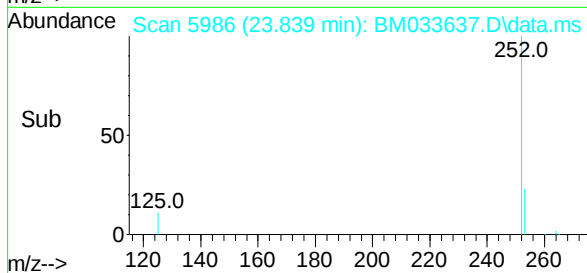
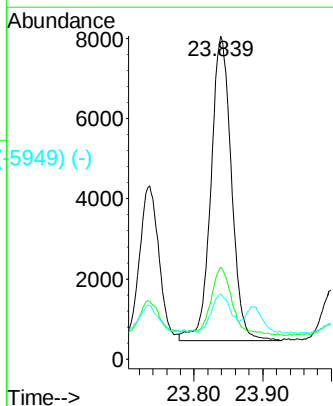
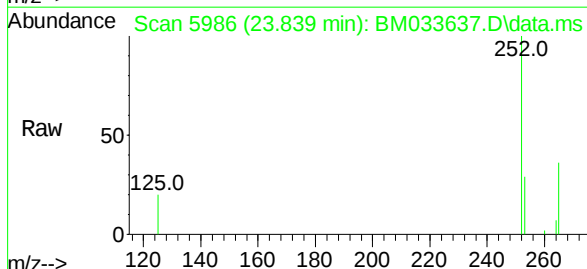
Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022



Abundance Scan 5990 (23.849 min): BM033623.D\data.ms (-5986) (-)

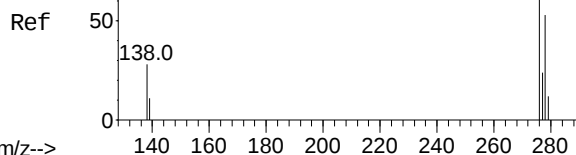
Benzo(a)pyrene
Concen: 0.515 ng/ul
RT: 23.839 min Scan# 5986
Delta R.T. -0.010 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Tgt Ion:252 Resp: 15731
Ion Ratio Lower Upper
252 100
253 28.5 32.0 48.0#
125 20.1 14.5 21.7



Abundance Scan 7085 (26.502 min): BM033623.D\data.ms (-7025) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 26.485 min Scan# 7085
Delta R.T. -0.017 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07



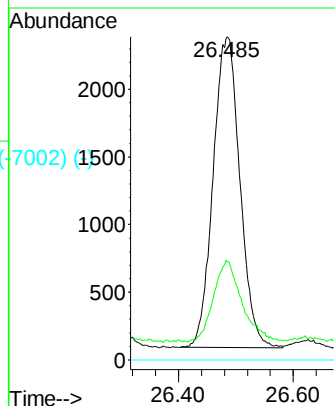
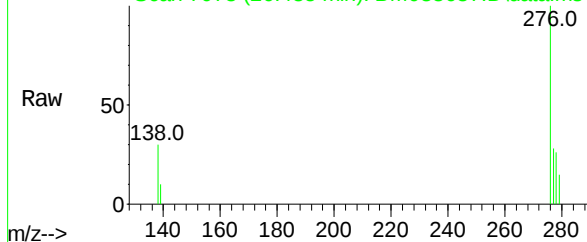
Instrument :
BNA_M
Client SampleId :
JCEN2DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.8	23.6
227	0.0	0.0	0.0

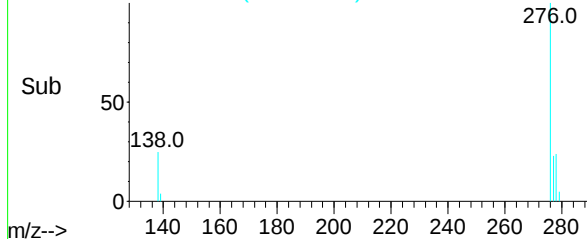
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022

Abundance Scan 7078 (26.485 min): BM033637.D\data.ms



Abundance Scan 7078 (26.485 min): BM033637.D\data.ms (-7002) (-)

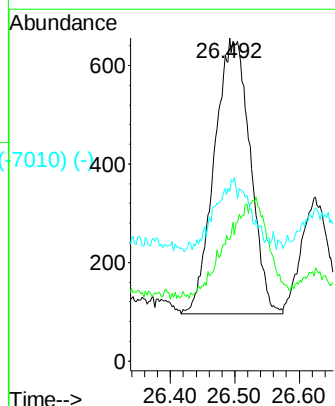
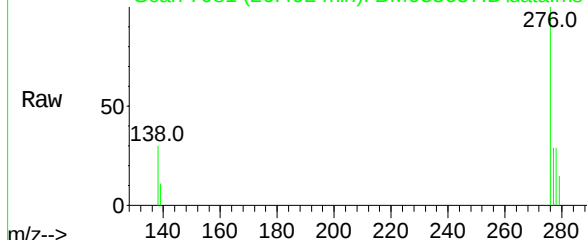


Abundance Scan 7093 (26.521 min): BM033623.D\data.ms (-7026) (-)

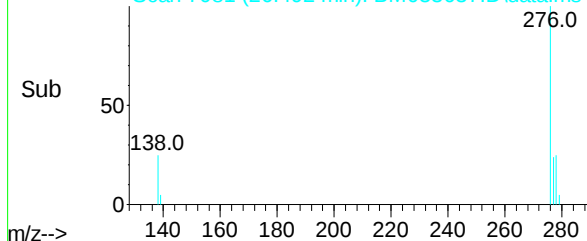
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.492 min Scan# 7081
Delta R.T. -0.029 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.5	18.0	27.0#
279	52.4	28.6	42.8#

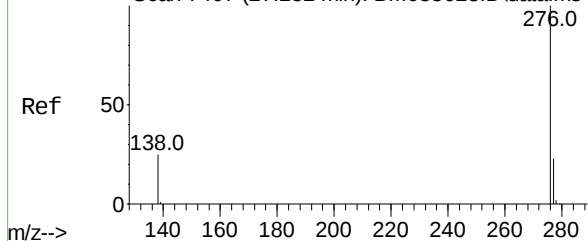
Abundance Scan 7081 (26.492 min): BM033637.D\data.ms



Abundance Scan 7081 (26.492 min): BM033637.D\data.ms (-7010) (-)



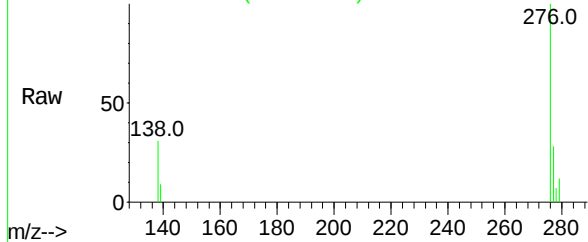
Abundance Scan 7407 (27.282 min): BM033623.D\data.ms (-7329) (-)



Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 27.260 min Scan#
Delta R.T. -0.022 min
Lab File: BM033637.D
Acq: 04 Jan 2022 22:07

Instrument :
BNA_M
ClientSampleId :
JCEN2DL

Abundance Scan 7398 (27.260 min): BM033637.D\data.ms



Tgt Ion:276 Resp: 636
Ion Ratio Lower Upper
276 100
138 30.6 17.4 26.0
277 28.4 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2022
Supervised By :Yogesh Patel 01/06/2022

Abundance Scan 7398 (27.260 min): BM033637.D\data.ms (-7324) (-)

