

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033581.D
 Acq On : 22 Dec 2021 18:40
 Operator : CG/JU
 Sample : M5034-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00V1

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 00:37:08 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	475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	1174	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.557	164	731	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.302	188	1631	0.400	ng/ul	-0.01
17) Chrysene-d12	21.487	240	2129	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	2343	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	889	2.192	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	228m	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	957	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.774	128	357	0.092	ng/ul#	72
7) 2-Methylnaphthalene	12.402	142	249	0.094	ng/ul	100
8) 1-Methylnaphthalene	12.614	142	195	0.079	ng/ul	96
10) Acenaphthylene	14.280	152	101	0.026	ng/ul#	30
11) Acenaphthene	14.621	153	116	0.039	ng/ul#	83
12) Fluorene	15.607	166	201	0.061	ng/ul#	87
15) Phenanthrene	17.344	178	3256	0.615	ng/ul	99
16) Anthracene	17.434	178	660	0.133	ng/ul#	84
19) Fluoranthene	19.360	202	3684	0.564	ng/ul	100
20) Pyrene	19.719	202	3203	0.469	ng/ul#	93
21) Benzo(a)anthracene	21.470	228	1461m	0.250	ng/ul	
22) Chrysene	21.523	228	1529m	0.232	ng/ul	
24) Benzo(b)fluoranthene	23.151	252	1894m	0.256	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	825m	0.106	ng/ul	
26) Benzo(a)pyrene	23.771	252	1433	0.209	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.373	276	975	0.103	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.383	278	328	0.043	ng/ul#	12
29) Benzo(g,h,i)perylene	27.134	276	890	0.106	ng/ul#	81

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

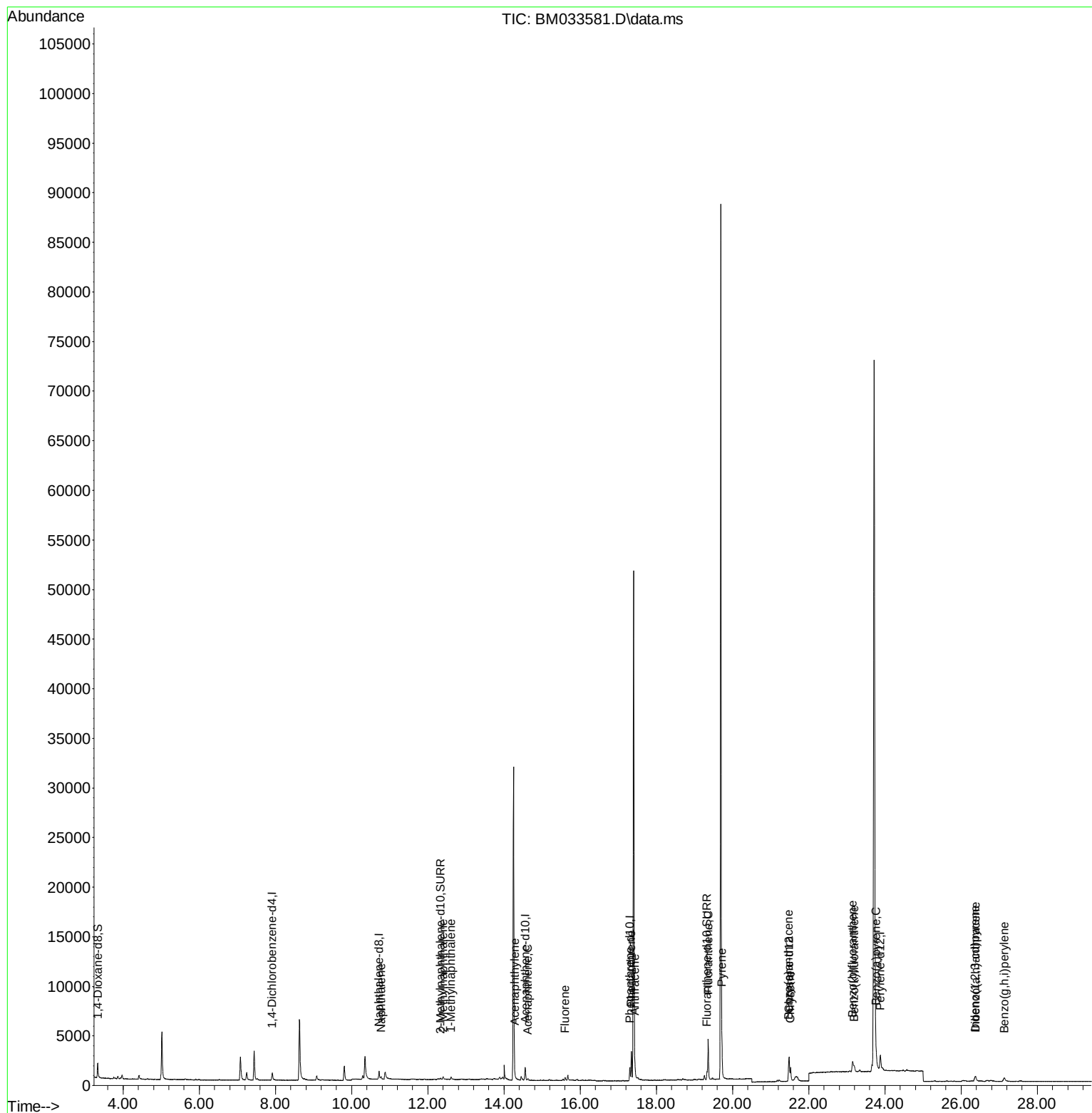
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033581.D
Acq On : 22 Dec 2021 18:40
Operator : CG/JU
Sample : M5034-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

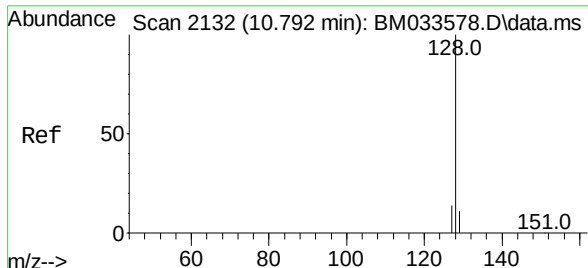
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration





Naphthalene
 Concen: 0.092 ng/ul
 RT: 10.774 min Scan# 2128
 Delta R.T. -0.005 min
 Lab File: BM033581.D
 Acq: 22 Dec 2021 18:40

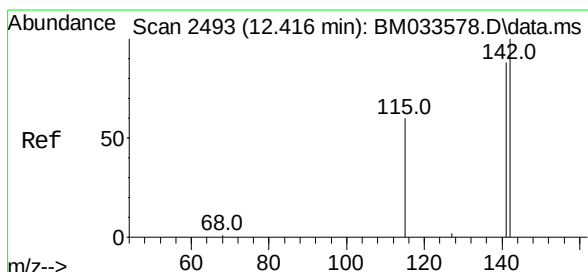
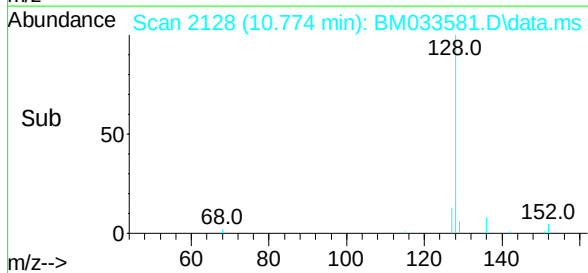
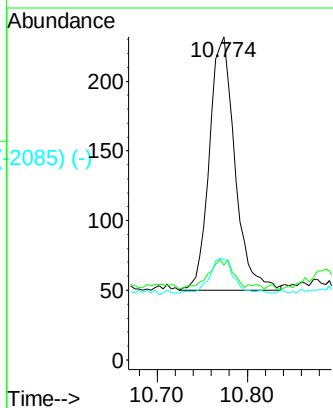
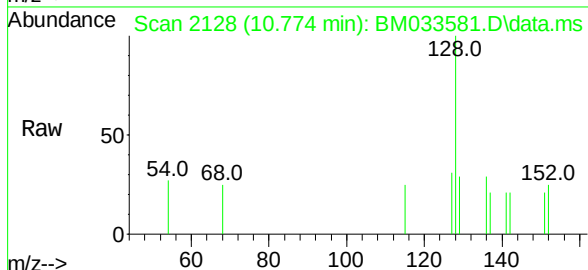
Instrument :
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Tgt Ion:128 Resp: 35

Ion	Ratio	Lower	Upper
128	100		
129	29.3	13.4	20.2
127	31.0	15.2	22.8

Manual Integrations
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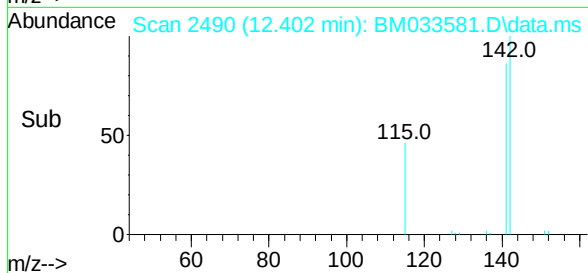
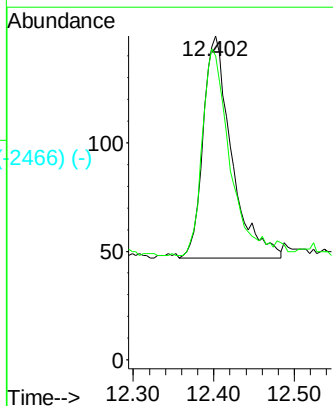
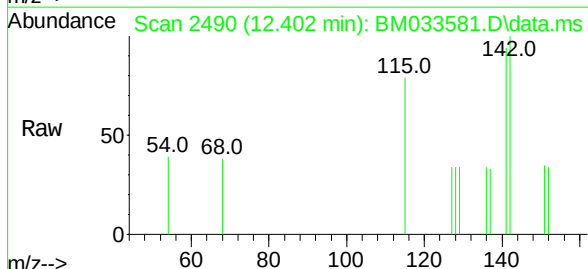
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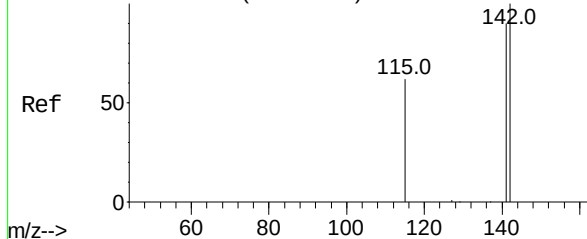
2-Methylnaphthalene
 Concen: 0.094 ng/ul
 RT: 12.402 min Scan# 2490
 Delta R.T. 0.009 min
 Lab File: BM033581.D
 Acq: 22 Dec 2021 18:40

Tgt Ion:142 Resp: 249

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.6

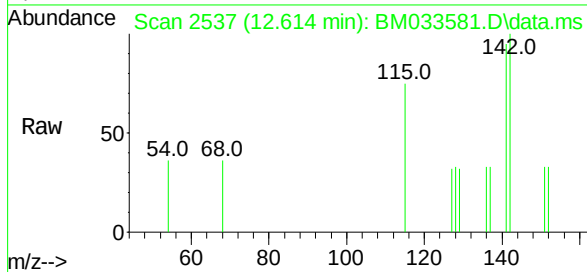


Abundance Scan 2538 (12.618 min): BM033578.D\data.ms (-2538) (-)



1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.614 min Scan# 2538
Delta R.T. 0.005 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Instrument :
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C00V1

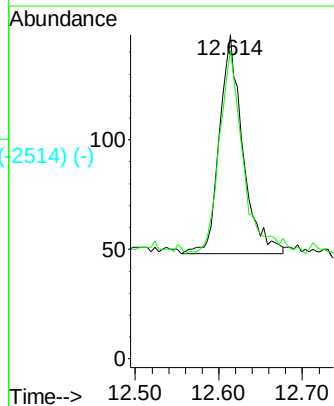
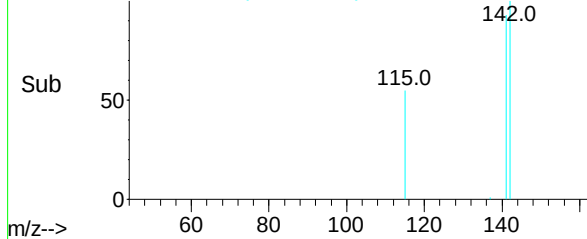


Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
141 90.3 75.0 112.4

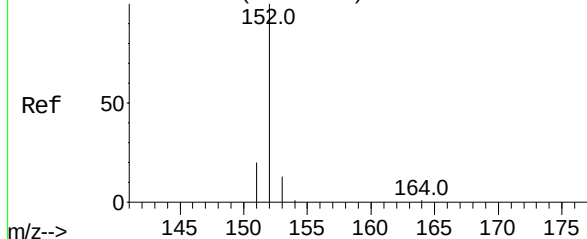
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Abundance Scan 2537 (12.614 min): BM033581.D\data.ms (-2514) (-)

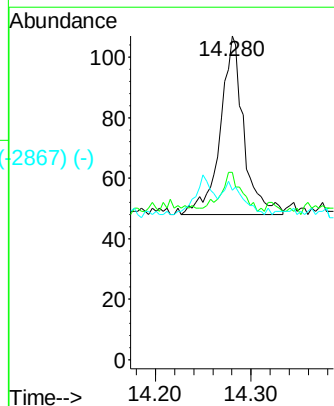
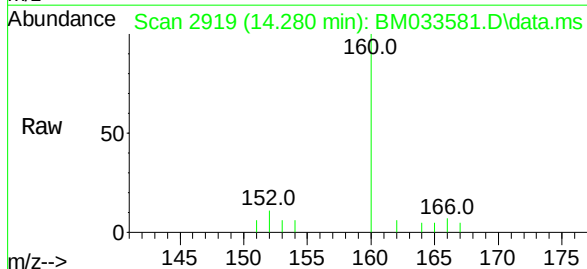


Abundance Scan 2922 (14.291 min): BM033578.D\data.ms (-2919) (-)

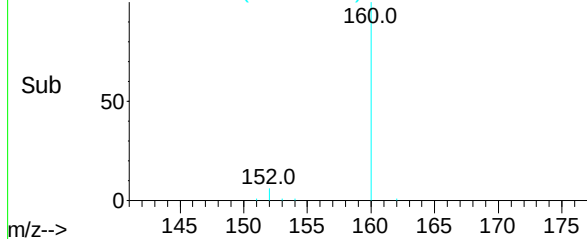


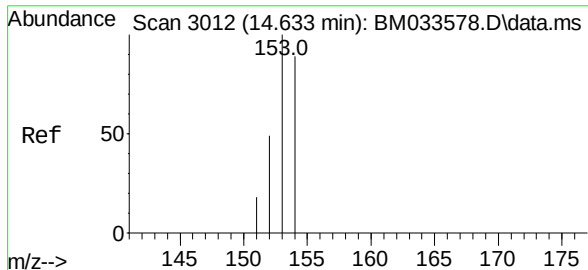
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.280 min Scan# 2919
Delta R.T. -0.004 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:152 Resp: 101
Ion Ratio Lower Upper
152 100
151 57.9 19.9 29.9#
153 52.3 15.0 22.4#



Abundance Scan 2919 (14.280 min): BM033581.D\data.ms (-2867) (-)





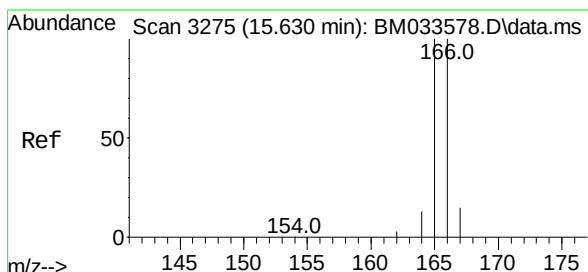
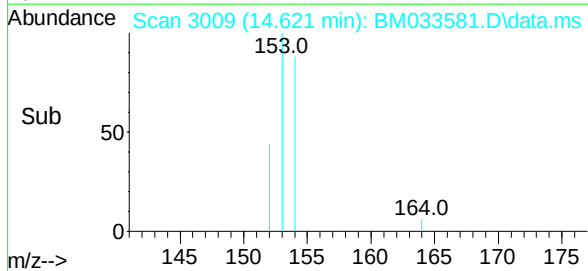
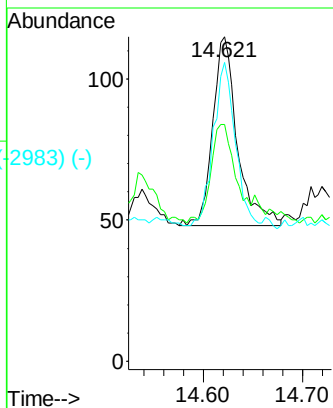
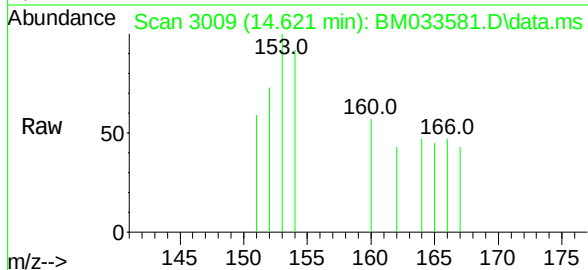
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.621 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Instrument :
BNA_M
ClientSampleId :
C00V1

Tgt Ion	Ratio	Lower	Upper
153	100		
152	73.0	42.4	63.6
154	92.2	66.2	99.2

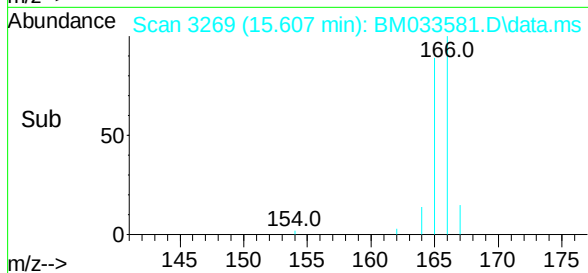
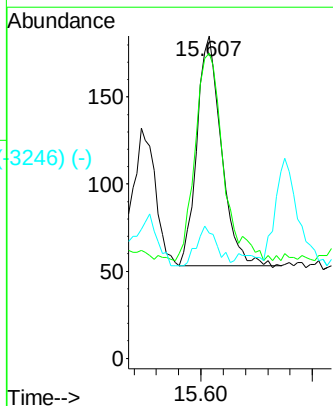
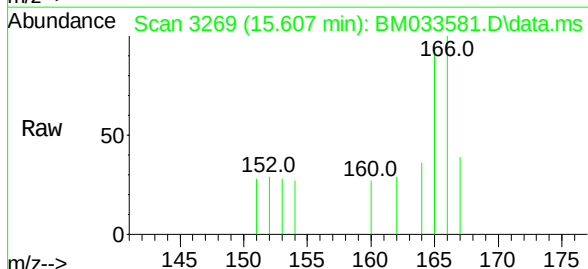
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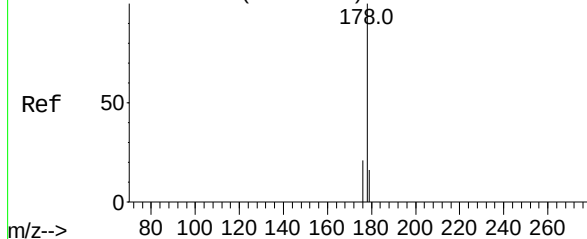


Fluorene
Concen: 0.061 ng/ul
RT: 15.607 min Scan# 3269
Delta R.T. -0.011 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	81.1	121.7
167	38.9	14.9	22.3#

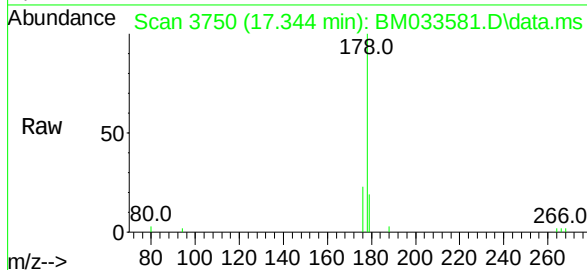


Abundance Scan 3756 (17.365 min): BM033578.D\data.ms (-3715) (-)



Phenanthrene
Concen: 0.615 ng/ul
RT: 17.344 min Scan# 3756
Delta R.T. -0.014 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Instrument :
BNA_M
ClientSampleId :
C00V1

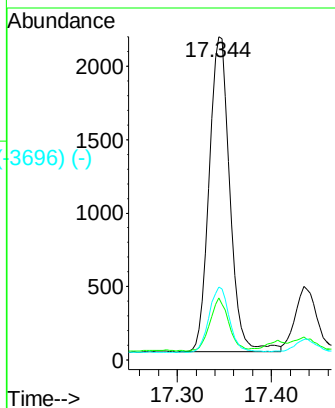
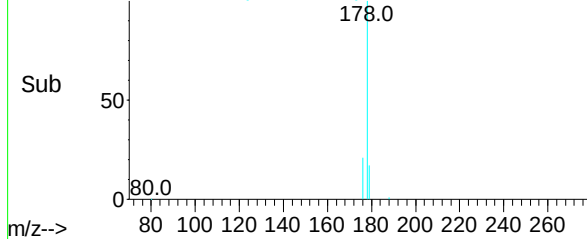


Tgt Ion:178 Resp: 325
Ion Ratio Lower Upper
178 100
179 19.2 15.0 22.6
176 22.6 17.9 26.9

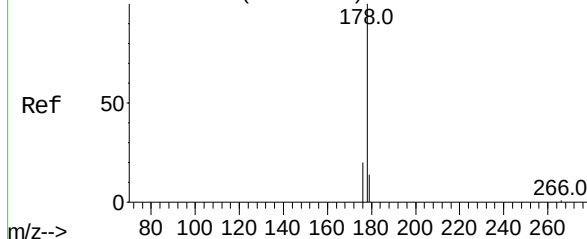
Manual Integrations
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Abundance Scan 3750 (17.344 min): BM033581.D\data.ms (-3696) (-)

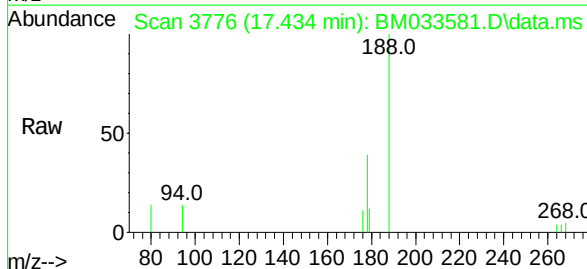


Abundance Scan 3786 (17.469 min): BM033578.D\data.ms (-3716) (-)

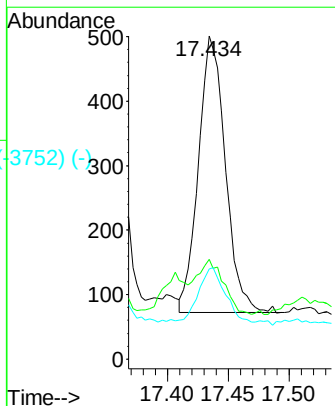
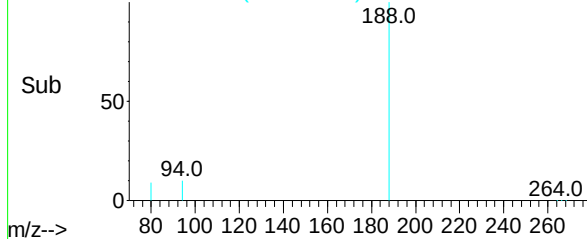


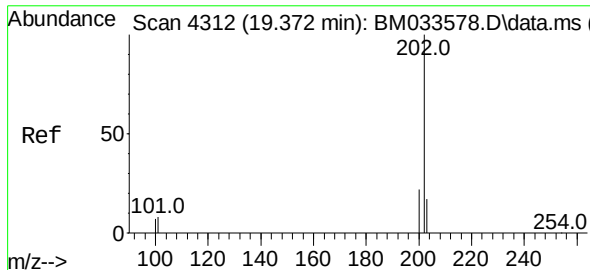
Anthracene
Concen: 0.133 ng/ul
RT: 17.434 min Scan# 3776
Delta R.T. -0.017 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:178 Resp: 660
Ion Ratio Lower Upper
178 100
179 30.9 16.5 24.7#
176 27.9 18.3 27.5#



Abundance Scan 3776 (17.434 min): BM033581.D\data.ms (-3752) (-)





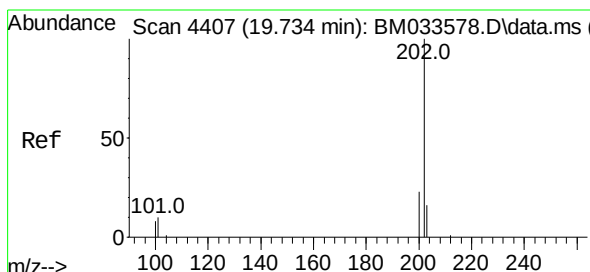
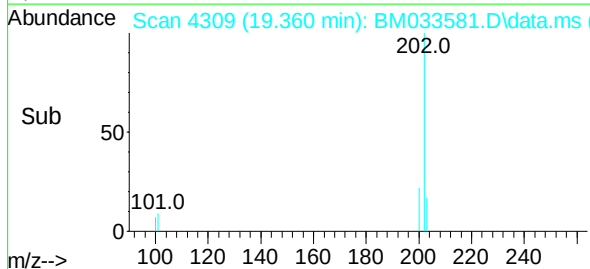
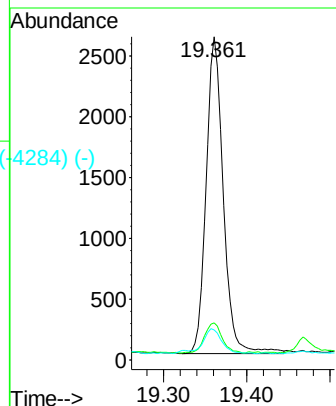
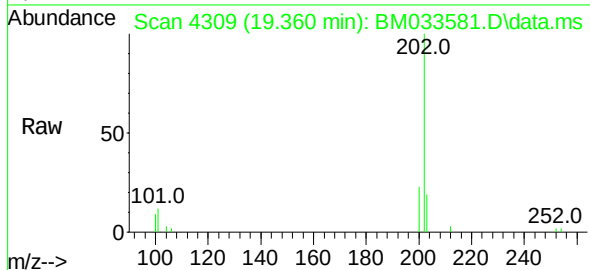
Fluoranthene
Concen: 0.564 ng/ul
RT: 19.360 min Scan# 4309
Delta R.T. -0.004 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Instrument :
BNA_M
ClientSampleId :
C00V1

Tgt Ion:202 Resp: 368
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
100 9.4 7.2 10.8

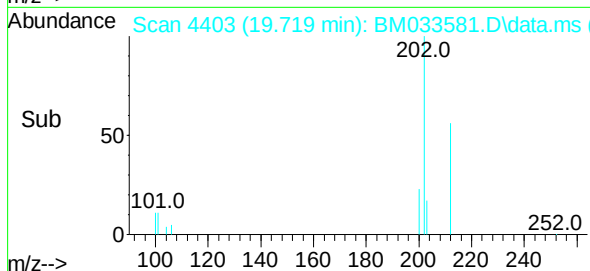
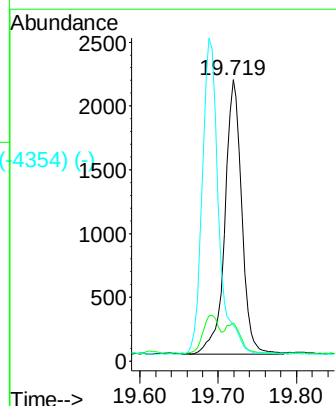
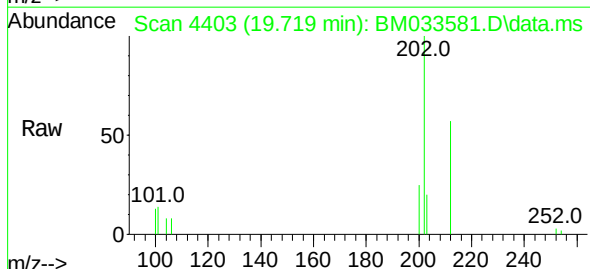
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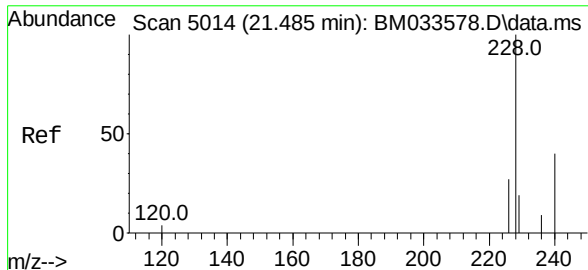
Reviewed By :Jagrut Upadhyay 12/23/2021
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Pyrene
Concen: 0.469 ng/ul
RT: 19.719 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:202 Resp: 3203
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 12.7 7.8 11.6#





Benzo(a)anthracene
Concen: 0.250 ng/ul m
RT: 21.470 min Scan# 5008
Delta R.T. -0.008 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

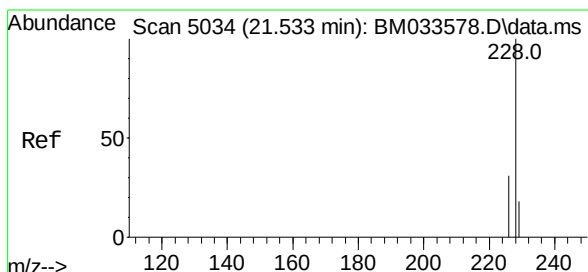
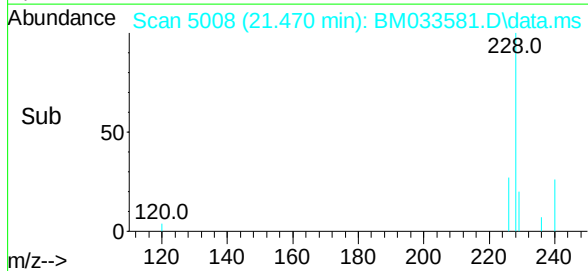
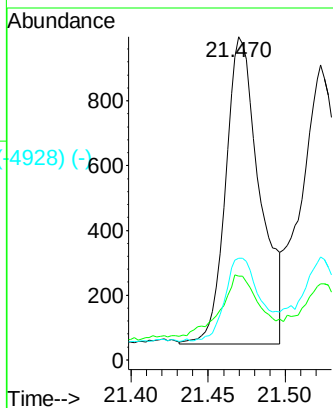
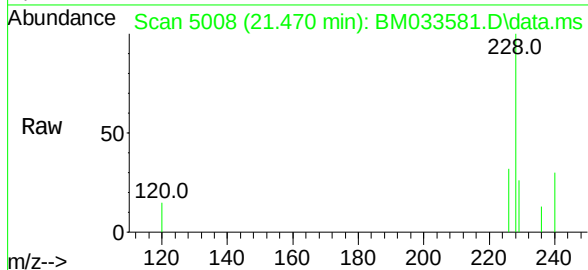
Instrument :
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Tgt Ion:228 Resp: 146

Ion	Ratio	Lower	Upper
228	100		
229	25.9	17.3	25.9
226	31.6	23.2	34.8

Manual Integrations
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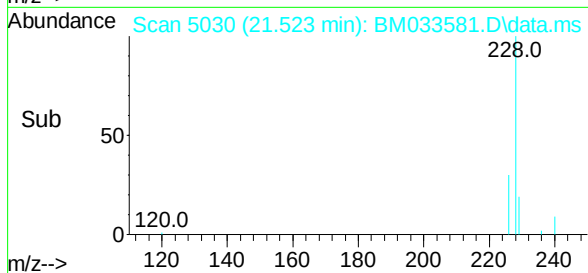
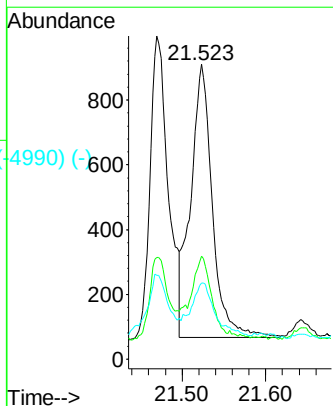
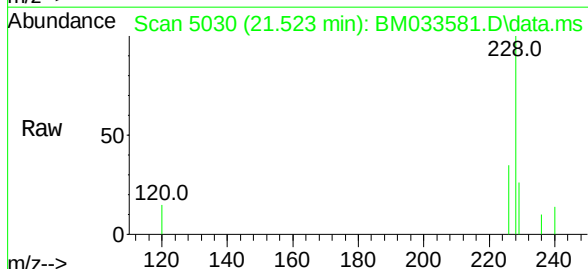
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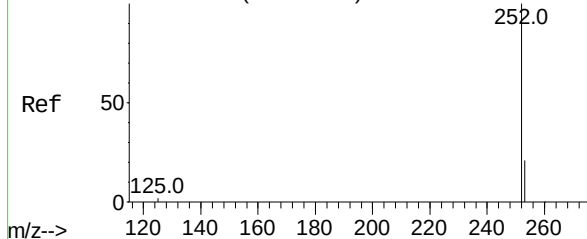
Chrysene
Concen: 0.232 ng/ul m
RT: 21.523 min Scan# 5030
Delta R.T. -0.003 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:228 Resp: 1529

Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.8	38.8
229	25.8	16.7	25.1#



Abundance Scan 5708 (23.166 min): BM033578.D\data.ms (-5624) (-)



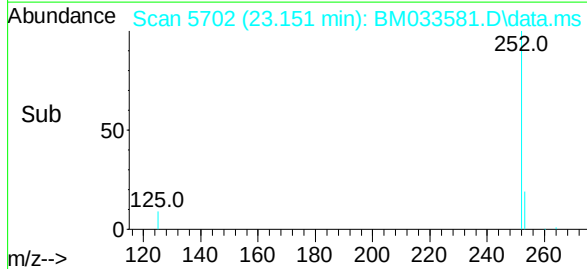
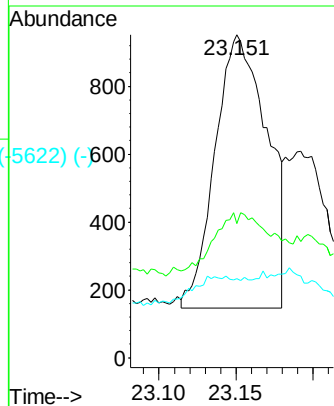
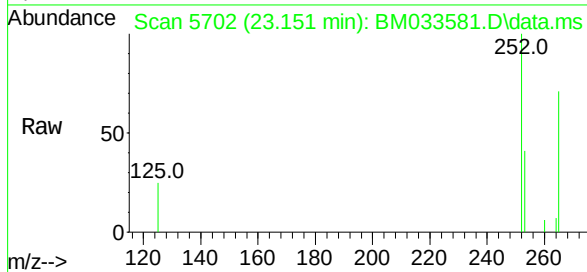
Benzo(b)fluoranthene
Concen: 0.256 ng/ul m
RT: 23.151 min Scan#
Delta R.T. -0.005 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

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C00V1

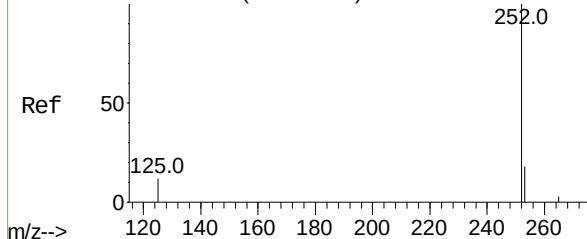
Tgt Ion:	252	Resp:	189
Ion	Ratio	Lower	Upper
252	100		
253	41.5	0.0	64.2
125	24.6	0.0	28.8

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Supervised By :mohammad ahmed 12/29/2021

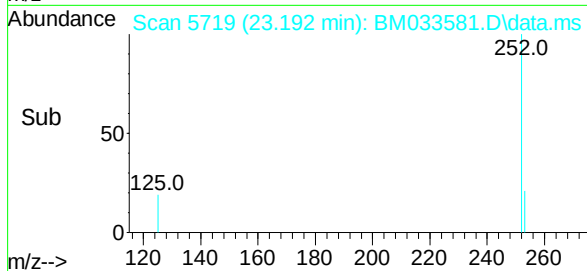
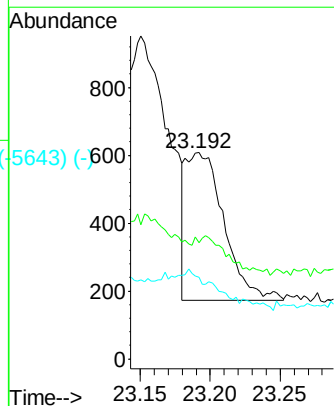
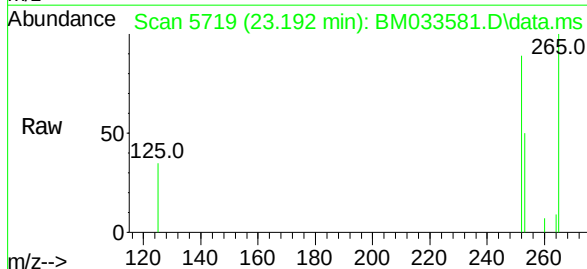


Abundance Scan 5728 (23.214 min): BM033578.D\data.ms (-5725) (-)



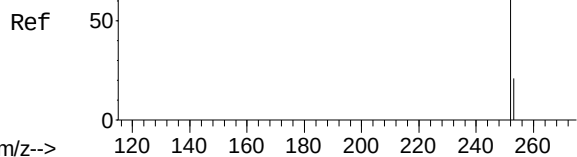
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 23.192 min Scan# 5719
Delta R.T. -0.015 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:	252	Resp:	825
Ion	Ratio	Lower	Upper
252	100		
253	56.4	26.8	40.2#
125	39.5	12.0	18.0#



Abundance Scan 5966 (23.791 min): BM033578.D\data.ms (-5926) (-)

Benzo(a)pyrene
Concen: 0.209 ng/ul
RT: 23.771 min Scan# 5926
Delta R.T. -0.015 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

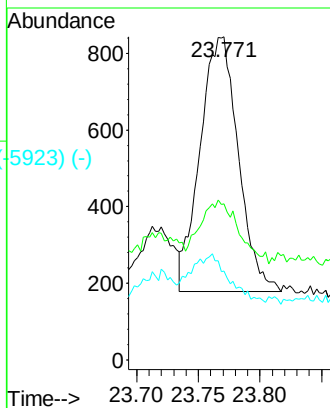
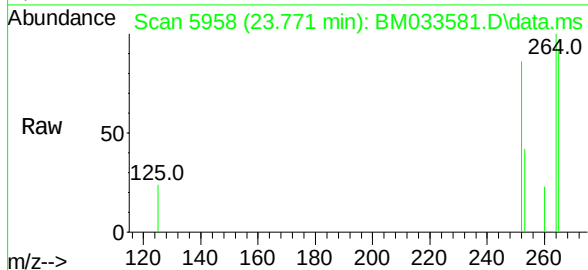


Instrument :
BNA_M
ClientSampleId :
C00V1

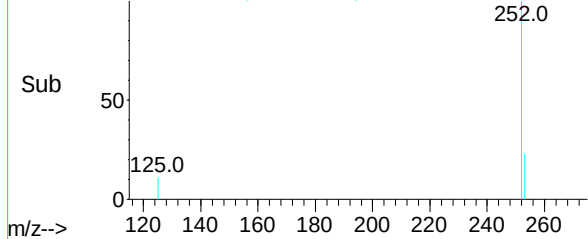
Tgt Ion:	252	Resp:	143
Ion Ratio	Lower	Upper	
252	100		
253	48.4	32.0	48.0
125	27.5	14.5	21.7

Manual Integrations
APPROVED

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



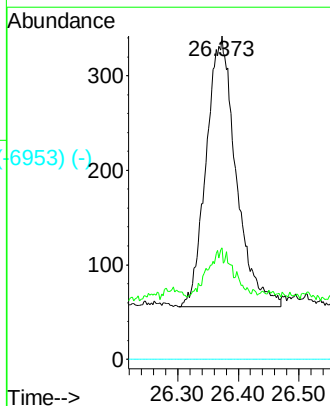
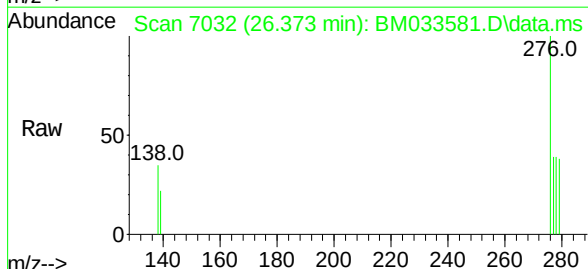
Abundance Scan 5958 (23.771 min): BM033581.D\data.ms (-5923) (-)



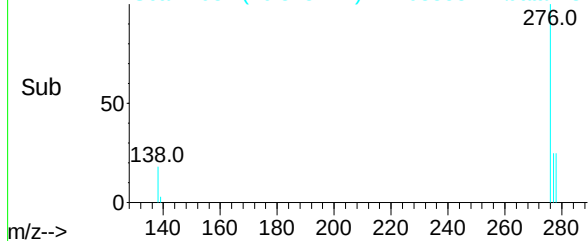
Abundance Scan 7039 (26.390 min): BM033578.D\data.ms (-7027) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.373 min Scan# 7032
Delta R.T. -0.008 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion:	276	Resp:	975
Ion Ratio	Lower	Upper	
276	100		
138	15.2	15.8	23.6#
227	0.0	0.0	0.0



Abundance Scan 7032 (26.373 min): BM033581.D\data.ms (-6953) (-)



Abundance Scan 7053 (26.424 min): BM033578.D\data.ms (-729) (-)

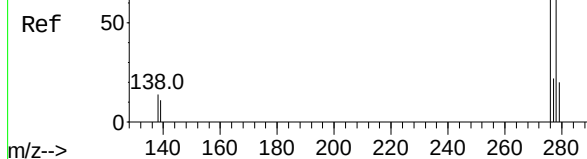
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.383 min Scan#
Delta R.T. -0.017 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Instrument :

BNA_M

ClientSampleId :

C00V1

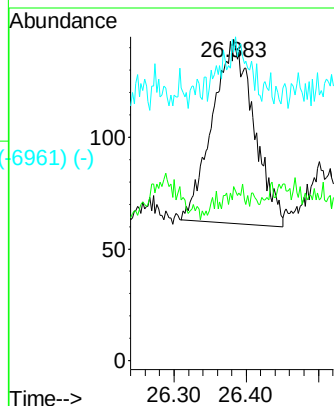
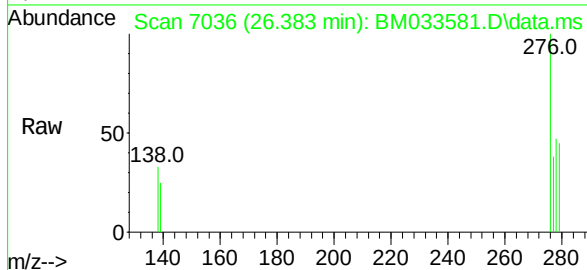


Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.2	18.0	27.0
279	95.8	28.6	42.8

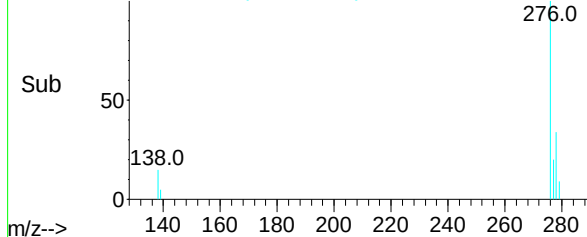
Manual Integrations

APPROVED

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



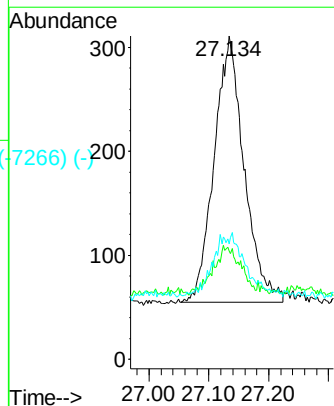
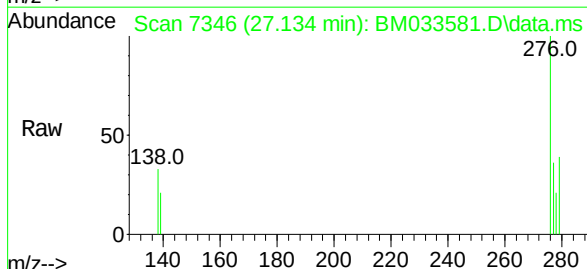
Abundance Scan 7036 (26.383 min): BM033581.D\data.ms (-6961) (-)



Abundance Scan 7350 (27.144 min): BM033578.D\data.ms (-729) (-)

Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 27.134 min Scan# 7346
Delta R.T. -0.005 min
Lab File: BM033581.D
Acq: 22 Dec 2021 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.4	17.4	26.0#
277	35.7	22.6	33.8#



Abundance Scan 7346 (27.134 min): BM033581.D\data.ms (-7266) (-)

