

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033861.D
 Acq On : 25 Jan 2022 11:47
 Operator : CG/JU
 Sample : N1129-13DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM06DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2022
 Supervised By :Yogesh Patel 01/31/2022

Quant Time: Jan 25 23:21:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	1902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	6581	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	3488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	6915	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5723	0.400	ng/ul #	0.00
23) Perylene-d12	23.882	264	5525	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1554	0.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	374	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	816	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.636	153	266	0.021	ng/ul#	90
12) Fluorene	15.622	166	302	0.021	ng/ul#	93
14) Pentachlorophenol	16.969	266	432	0.136	ng/ul	99
15) Phenanthrene	17.354	178	11217	0.509	ng/ul	95
16) Anthracene	17.448	178	1295	0.063	ng/ul	95
19) Fluoranthene	19.364	202	36027	1.381	ng/ul	99
20) Pyrene	19.726	202	29998	1.122	ng/ul	97
21) Benzo(a)anthracene	21.465	228	12142	0.519	ng/ul	99
22) Chrysene	21.518	228	17863	0.720	ng/ul	98
24) Benzo(b)fluoranthene	23.150	252	24157m	0.974	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	9177m	0.369	ng/ul	
26) Benzo(a)pyrene	23.773	252	13693	0.636	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.380	276	12237	0.427	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.397	278	2702	0.120	ng/ul#	75
29) Benzo(g,h,i)perylene	27.146	276	11247	0.463	ng/ul	95

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

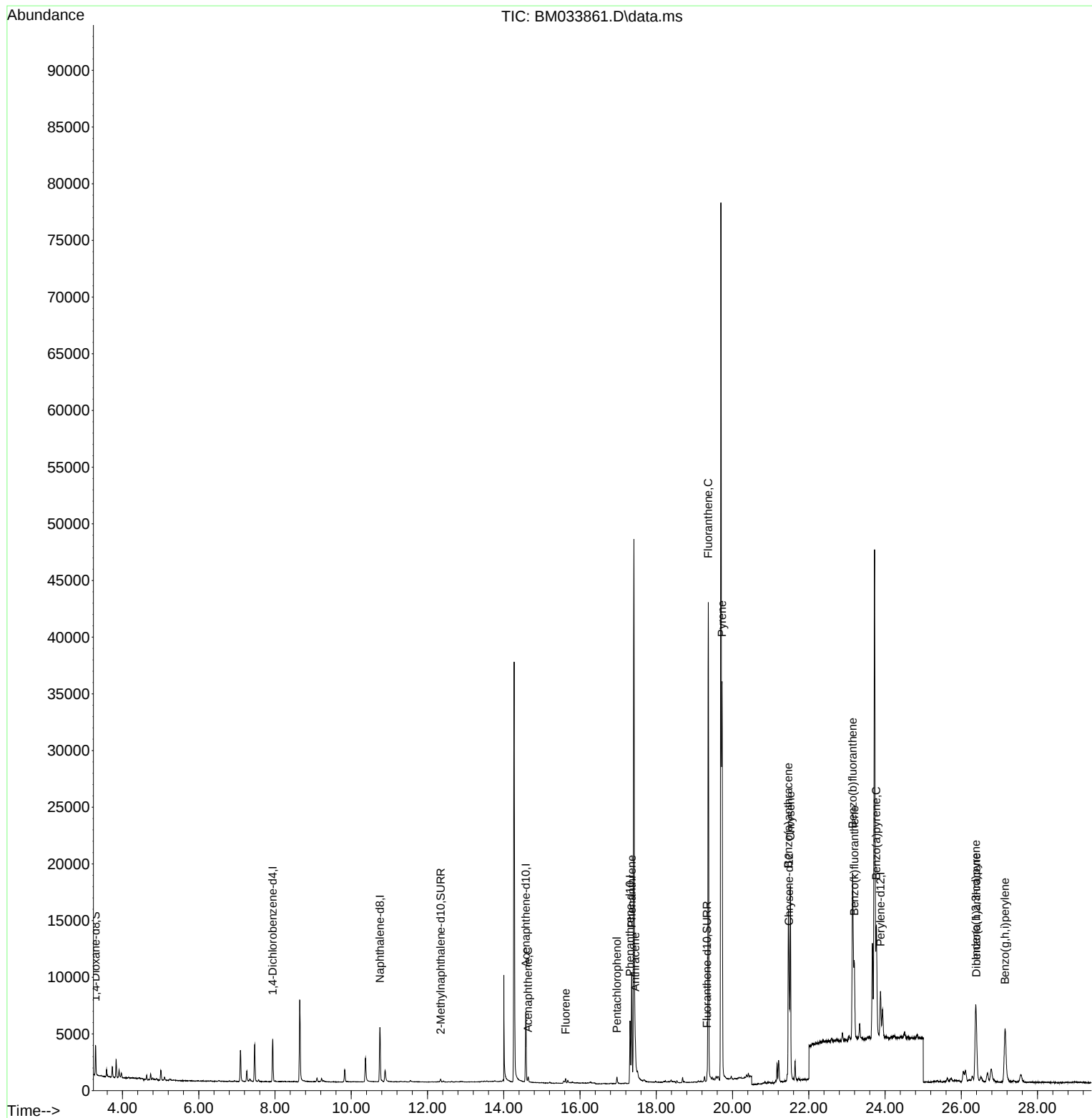
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
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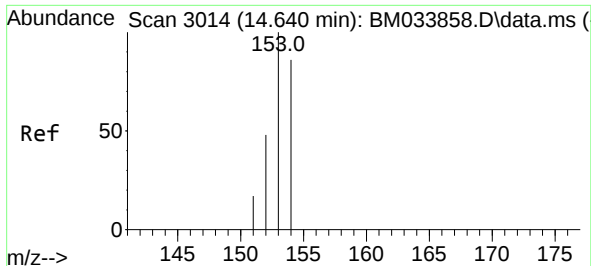
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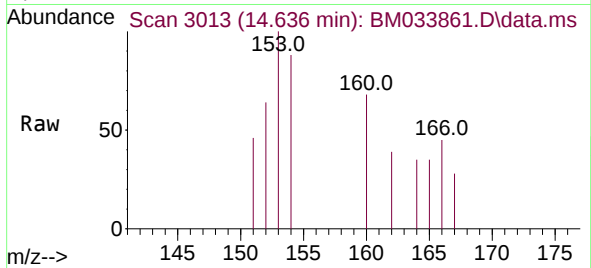
Quant Time: Jan 25 23:21:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.636 min Scan# 3013
Delta R.T. -0.008 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

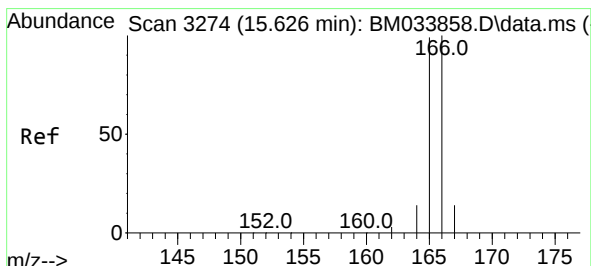
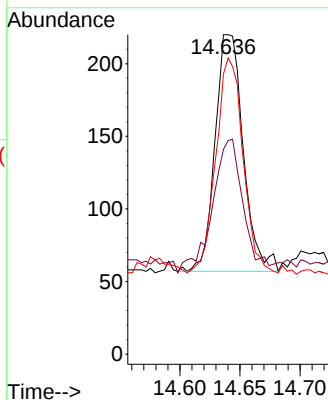
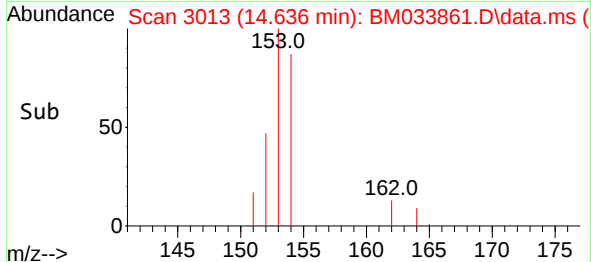
Instrument :
BNA_M
ClientSampleId :
DBM06DL



Tgt Ion:153 Resp: 260
Ion Ratio Lower Upper
153 100
152 64.1 42.4 63.6
154 87.7 66.2 99.2

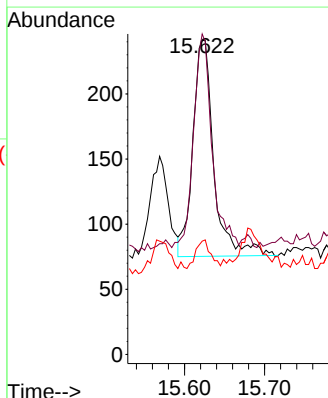
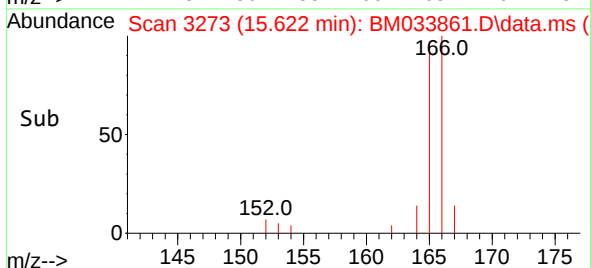
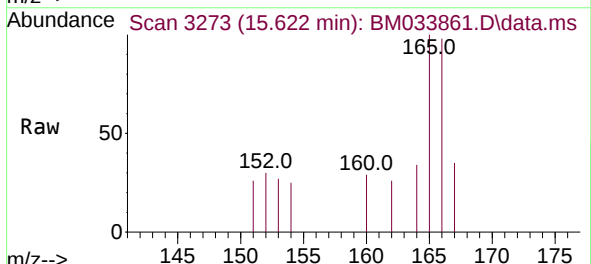
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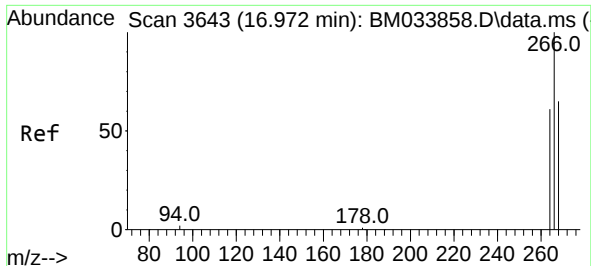
Reviewed By :Jagrut Upadhyay 01/26/2022
Supervised By :Yogesh Patel 01/31/2022



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.622 min Scan# 3273
Delta R.T. -0.004 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

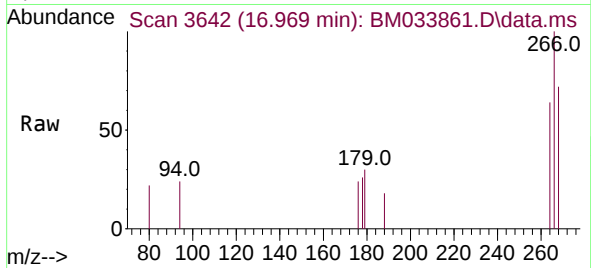
Tgt Ion:166 Resp: 302
Ion Ratio Lower Upper
166 100
165 102.1 81.1 121.7
167 36.1 14.9 22.3





#14
Pentachlorophenol
Concen: 0.136 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

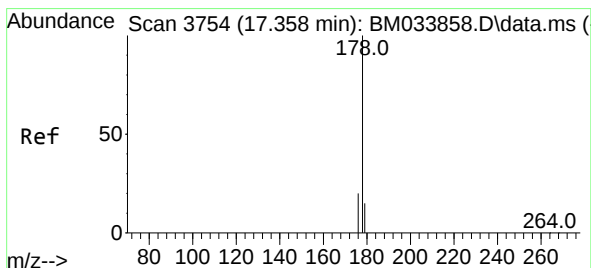
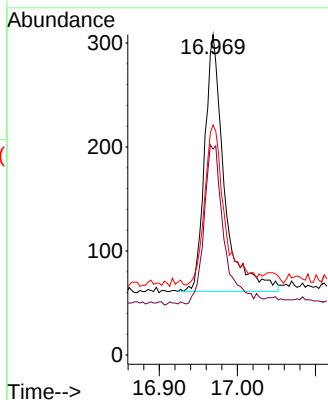
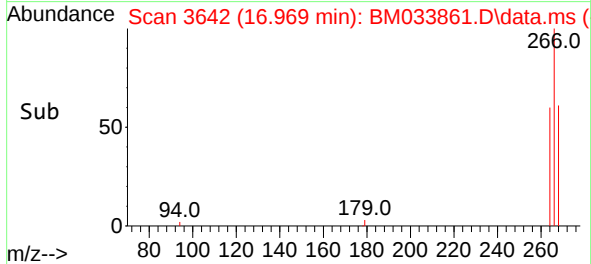
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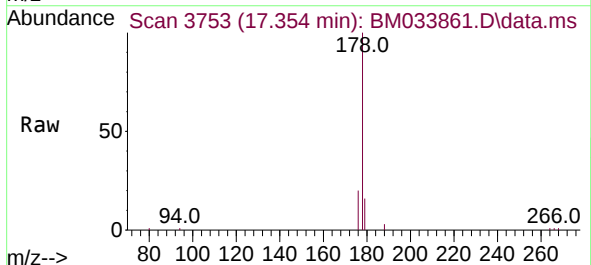
Tgt Ion:266 Resp: 432
Ion Ratio Lower Upper
266 100
264 63.2 51.4 77.0
268 65.0 53.1 79.7

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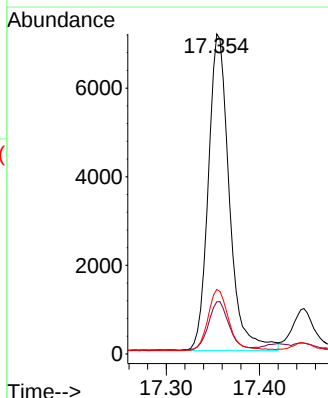
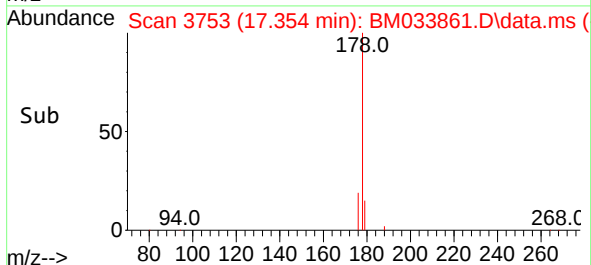
Reviewed By :Jagrut Upadhyay 01/26/2022
Supervised By :Yogesh Patel 01/31/2022

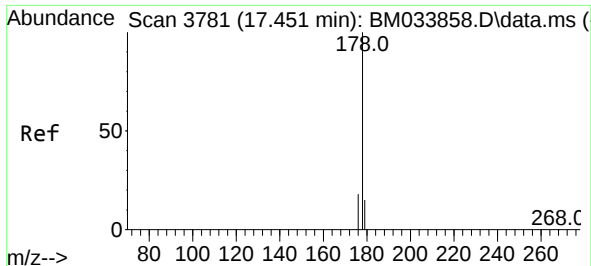


#15
Phenanthrene
Concen: 0.509 ng/ul
RT: 17.354 min Scan# 3753
Delta R.T. -0.004 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47



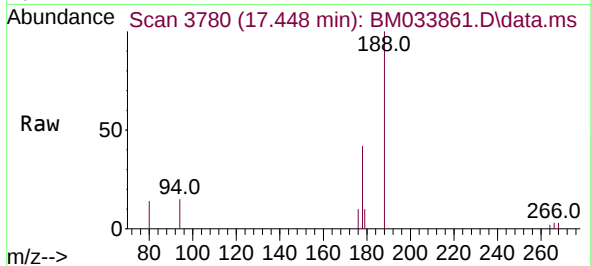
Tgt Ion:178 Resp: 11217
Ion Ratio Lower Upper
178 100
179 16.3 15.0 22.6
176 20.2 17.9 26.9





#16
 Anthracene
 Concen: 0.063 ng/ul
 RT: 17.448 min Scan# 3780
 Delta R.T. -0.004 min
 Lab File: BM033861.D
 Acq: 25 Jan 2022 11:47

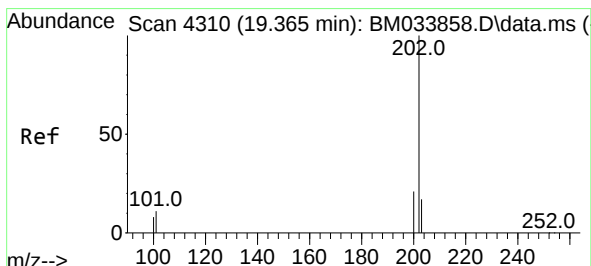
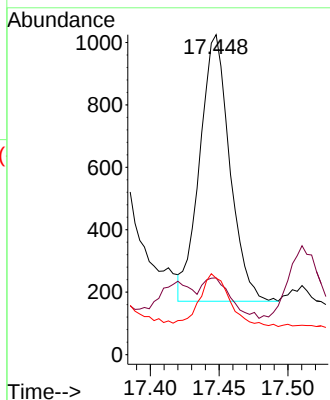
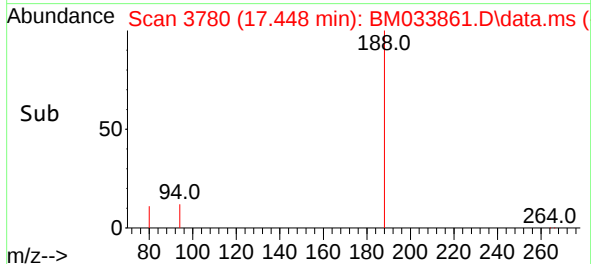
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 129
 Ion Ratio Lower Upper
 178 100
 179 24.0 16.5 24.7
 176 23.9 18.3 27.5

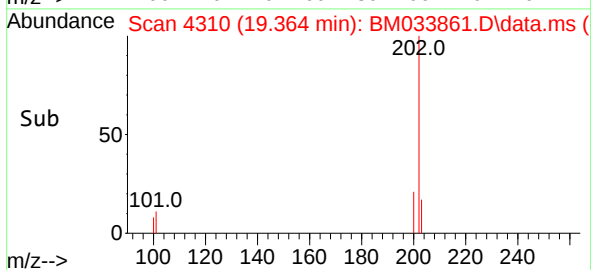
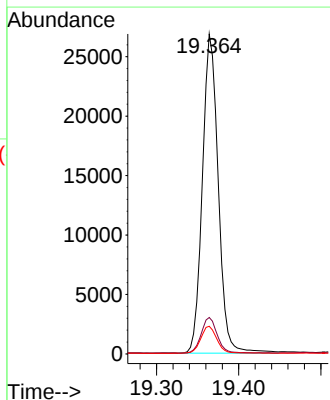
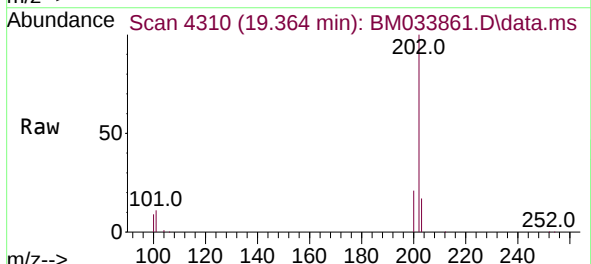
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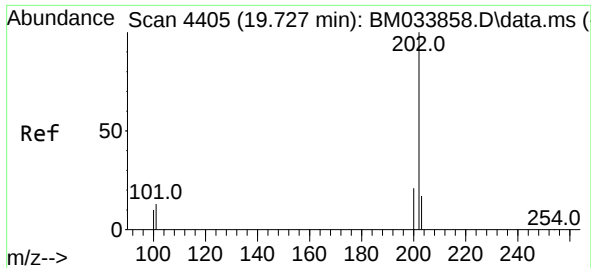
Reviewed By :Jagrut Upadhyay 01/26/2022
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#19
 Fluoranthene
 Concen: 1.381 ng/ul
 RT: 19.364 min Scan# 4310
 Delta R.T. -0.004 min
 Lab File: BM033861.D
 Acq: 25 Jan 2022 11:47

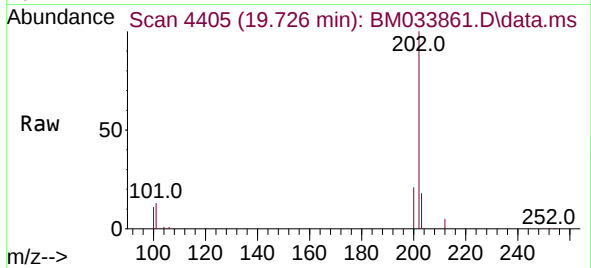
Tgt Ion:202 Resp: 36027
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.2 13.8
 100 8.7 7.2 10.8





#20
Pyrene
Concen: 1.122 ng/ul
RT: 19.726 min Scan# 4405
Delta R.T. -0.001 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

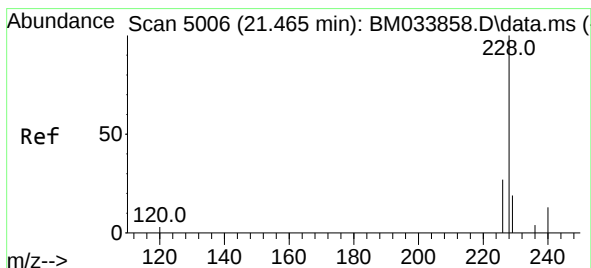
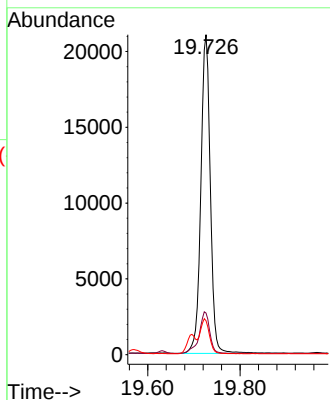
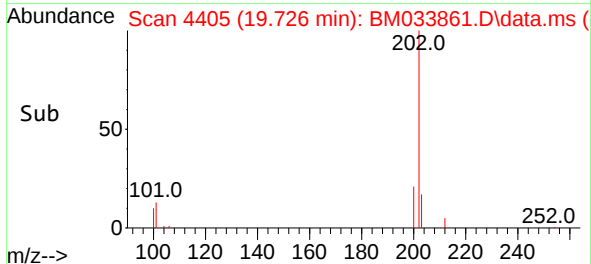
Instrument :
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ClientSampleId :
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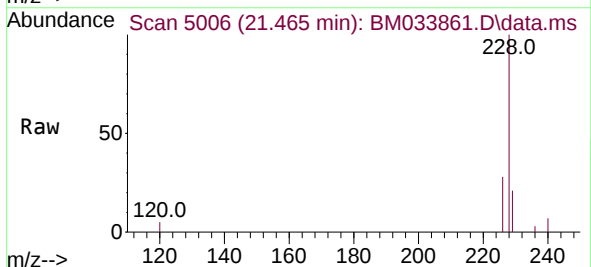
Tgt Ion:202 Resp: 29998
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 10.6 7.8 11.6

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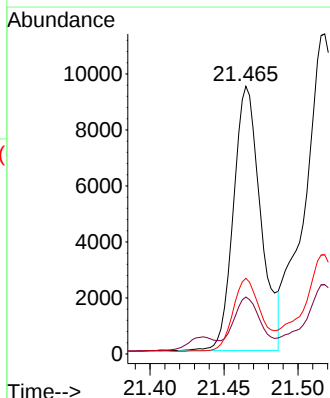
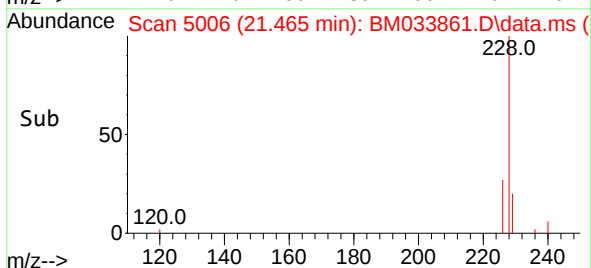
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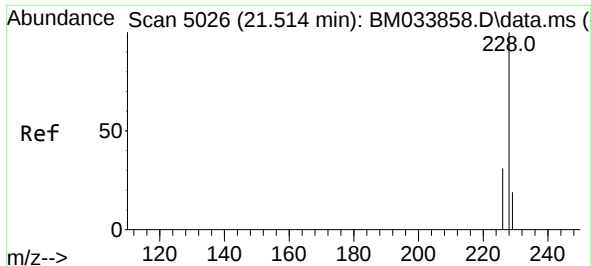


#21
Benzo(a)anthracene
Concen: 0.519 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.003 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47



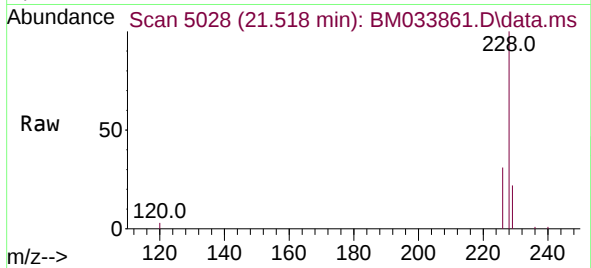
Tgt Ion:228 Resp: 12142
Ion Ratio Lower Upper
228 100
229 21.3 17.3 25.9
226 28.3 23.2 34.8





#22
Chrysene
Concen: 0.720 ng/ul
RT: 21.518 min Scan# 5026
Delta R.T. -0.003 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

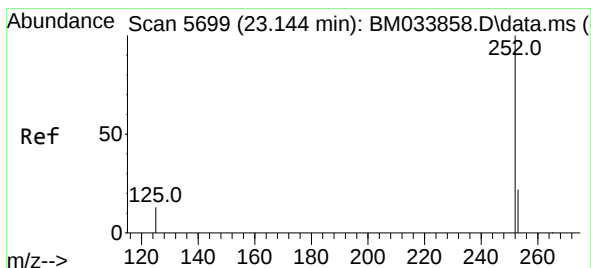
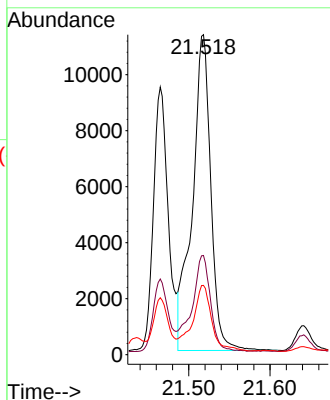
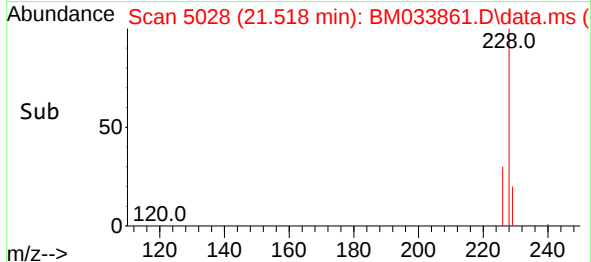
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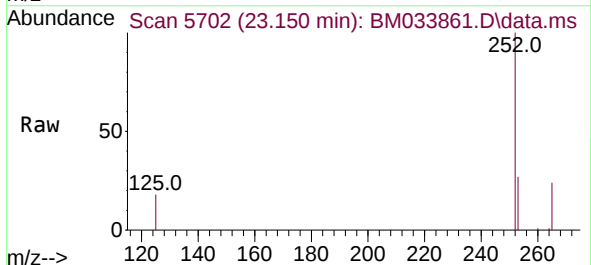
Tgt Ion:228 Resp: 1786
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 21.7 16.7 25.1

Manual Integrations
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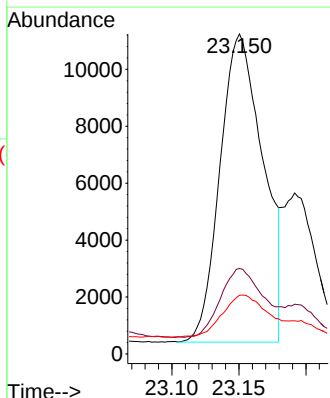
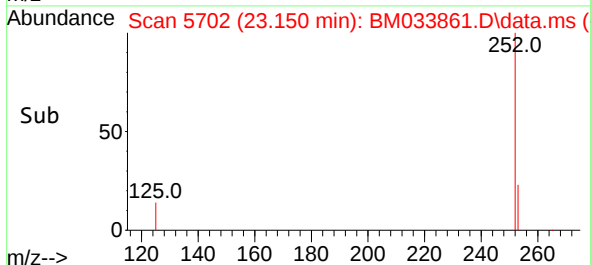
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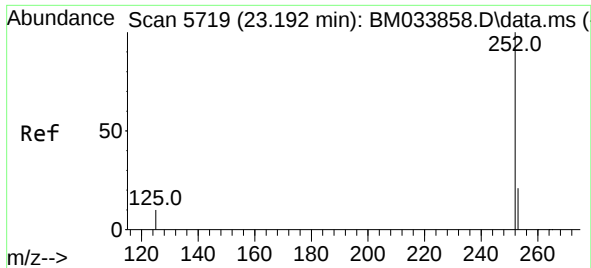


#24
Benzo(b)fluoranthene
Concen: 0.974 ng/ul m
RT: 23.150 min Scan# 5702
Delta R.T. -0.001 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47



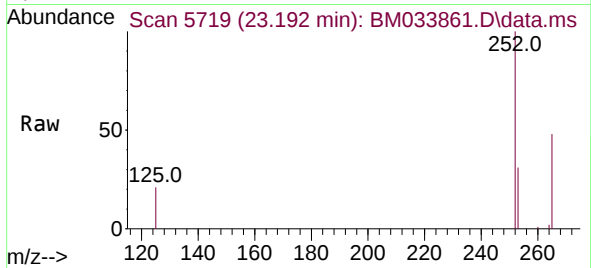
Tgt Ion:252 Resp: 24157
Ion Ratio Lower Upper
252 100
253 26.7 0.0 64.2
125 18.4 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul m
RT: 23.192 min Scan# 5719
Delta R.T. -0.008 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

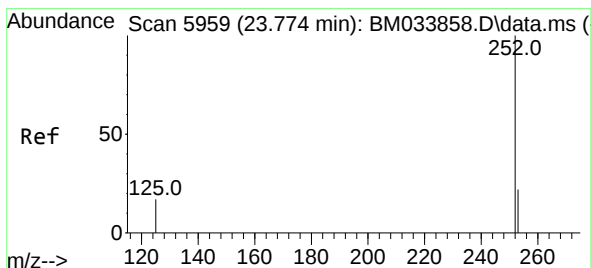
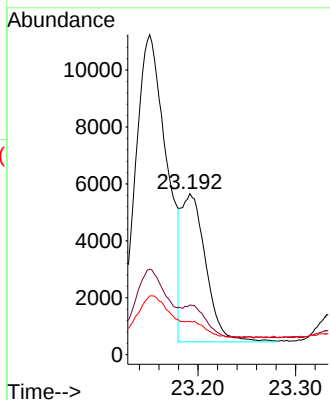
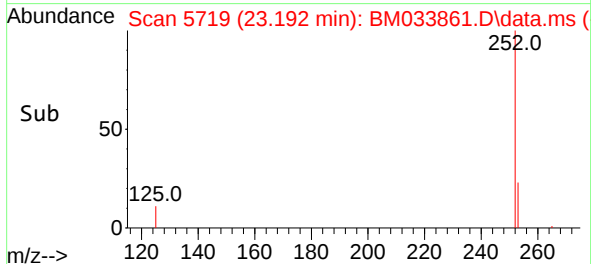
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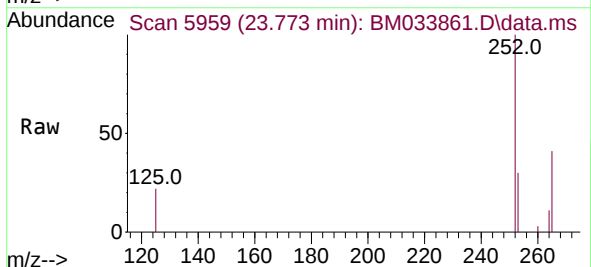
Tgt Ion:252 Resp: 917
Ion Ratio Lower Upper
252 100
253 30.9 26.8 40.2
125 20.6 12.0 18.0

Manual Integrations
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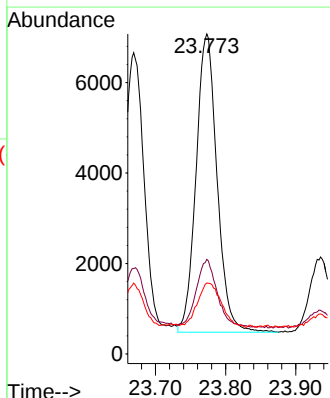
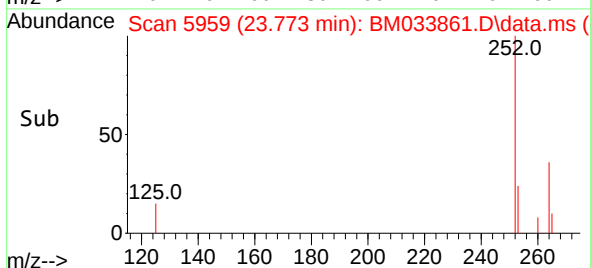
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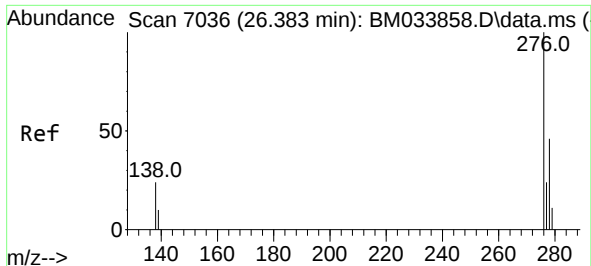


#26
Benzo(a)pyrene
Concen: 0.636 ng/ul
RT: 23.773 min Scan# 5959
Delta R.T. -0.005 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47



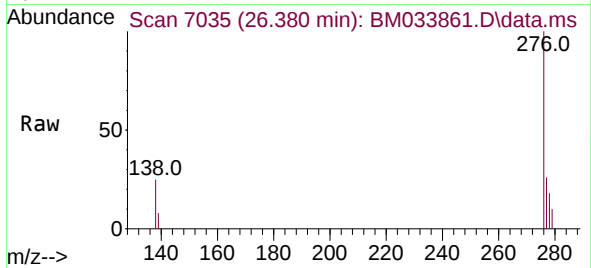
Tgt Ion:252 Resp: 13693
Ion Ratio Lower Upper
252 100
253 29.5 32.0 48.0#
125 22.2 14.5 21.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.427 ng/ul
 RT: 26.380 min Scan# 7035
 Delta R.T. -0.015 min
 Lab File: BM033861.D
 Acq: 25 Jan 2022 11:47

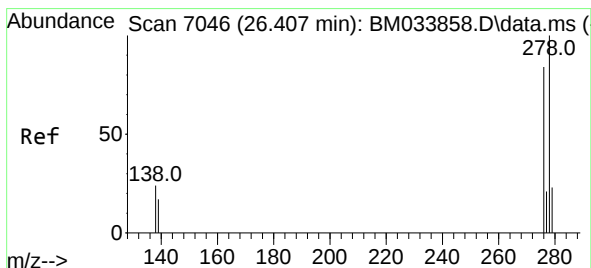
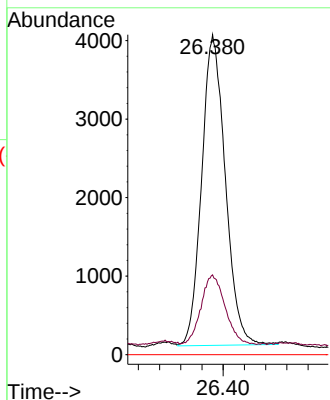
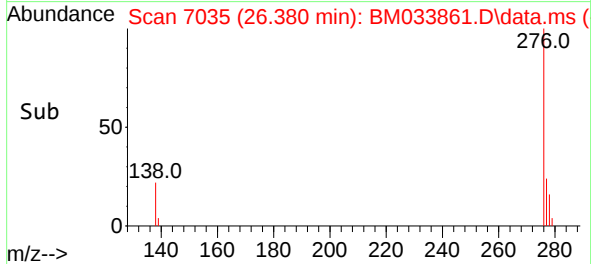
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Tgt Ion: 276 Resp: 1223
 Ion Ratio Lower Upper
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 138 22.7 15.8 23.6
 227 0.0 0.0 0.0

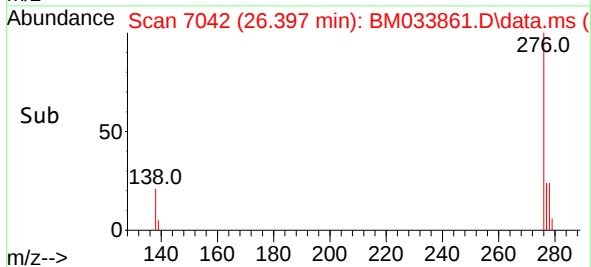
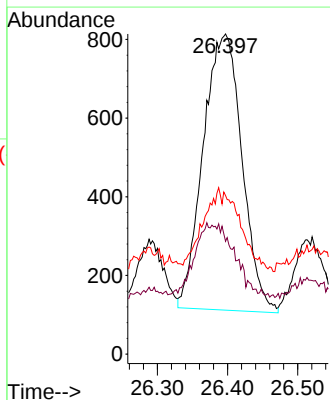
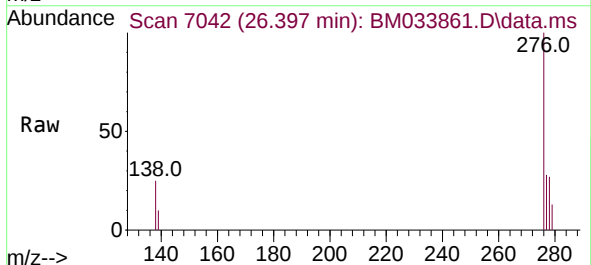
Manual Integrations
 APPROVED

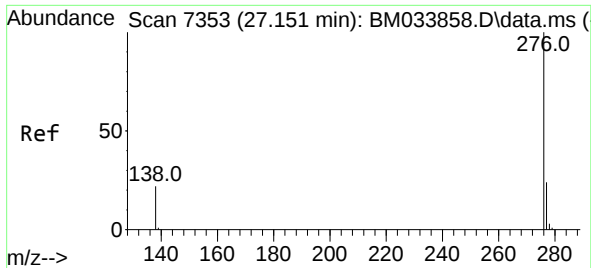
Reviewed By : Jagrut Upadhyay 01/26/2022
 Supervised By : Yogesh Patel 01/31/2022



#28
 Dibenzo(a,h)anthracene
 Concen: 0.120 ng/ul
 RT: 26.397 min Scan# 7042
 Delta R.T. -0.015 min
 Lab File: BM033861.D
 Acq: 25 Jan 2022 11:47

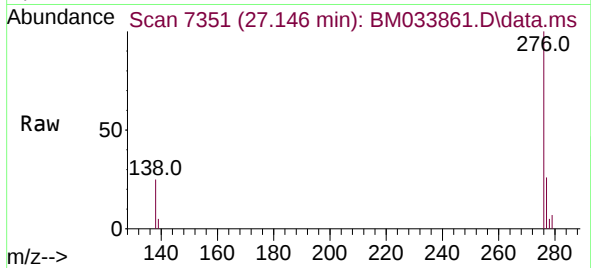
Tgt Ion: 278 Resp: 2702
 Ion Ratio Lower Upper
 278 100
 139 35.3 18.0 27.0#
 279 49.5 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 27.146 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM033861.D
Acq: 25 Jan 2022 11:47

Instrument :
BNA_M
ClientSampleId :
DBM06DL



Tgt Ion:276 Resp: 1124
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 25.9 22.6 33.8

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