

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034533.D
 Acq On : 07 Apr 2022 01:16
 Operator : CG/JU
 Sample : N2182-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 02:02:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	3336	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	8758	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	4487	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	8423	0.400	ng/ul	-0.02
17) Chrysene-d12	21.480	240	6990	0.400	ng/ul	#-0.01
23) Perylene-d12	23.865	264	5394m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	9894	1.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	1704	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	4573	0.223	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	680	0.025	ng/ul#	82
7) 2-Methylnaphthalene	12.407	142	549	0.037	ng/ul	94
8) 1-Methylnaphthalene	12.616	142	485	0.032	ng/ul	98
15) Phenanthrene	17.333	178	2895	0.106	ng/ul	99
16) Anthracene	17.426	178	433	0.021	ng/ul#	61
19) Fluoranthene	19.352	202	7501	0.256	ng/ul#	89
20) Pyrene	19.710	202	7177m	0.209	ng/ul	
21) Benzo(a)anthracene	21.466	228	1698m	0.112	ng/ul	
22) Chrysene	21.512	228	3864m	0.215	ng/ul	
24) Benzo(b)fluoranthene	23.140	252	3810m	0.216	ng/ul	
25) Benzo(k)fluoranthene	23.170	252	1868m	0.119	ng/ul	
26) Benzo(a)pyrene	23.757	252	2676	0.130	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	26.381	276	1906	0.077	ng/ul#	57
29) Benzo(g,h,i)perylene	27.145	276	1774	0.066	ng/ul#	57

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

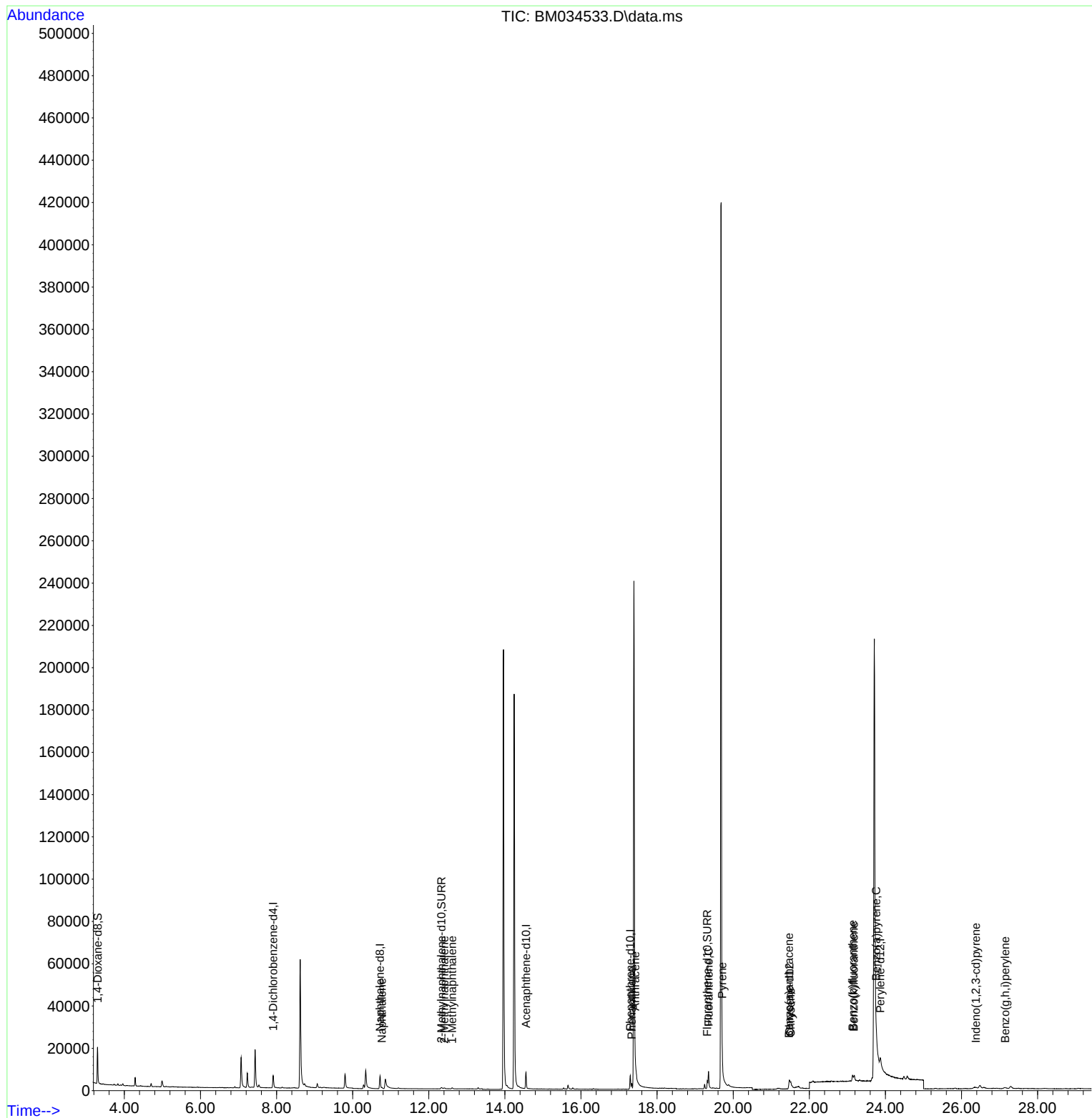
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034533.D
Acq On : 07 Apr 2022 01:16
Operator : CG/JU
Sample : N2182-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

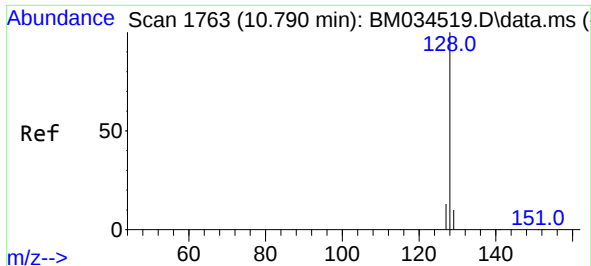
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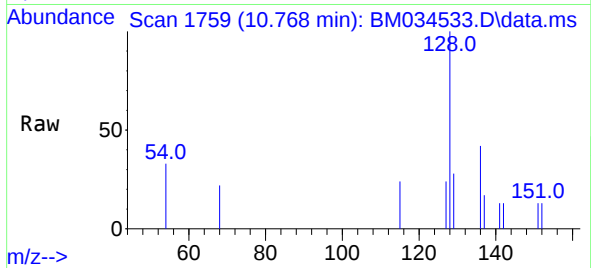
Quant Time: Apr 07 02:02:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. -0.017 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

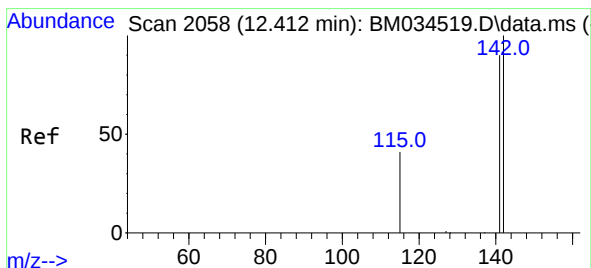
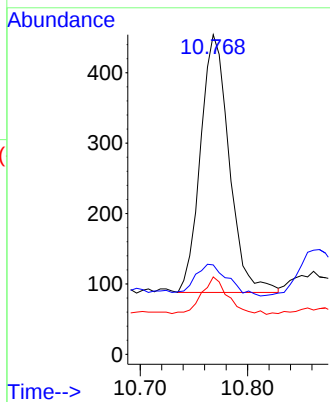
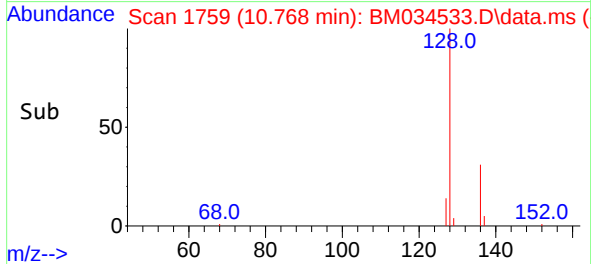
Instrument :
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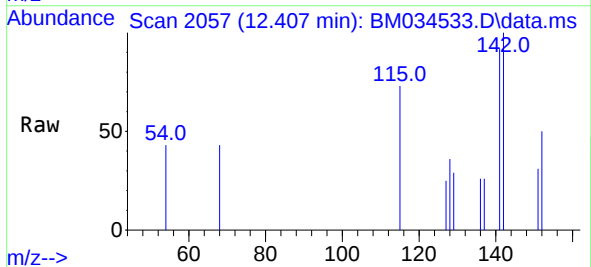
Tgt Ion:128 Resp: 680
Ion Ratio Lower Upper
128 100
129 28.0 13.4 20.2
127 24.2 15.2 22.8

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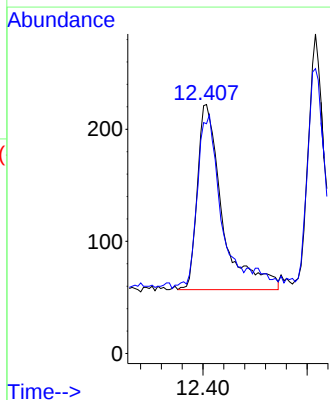
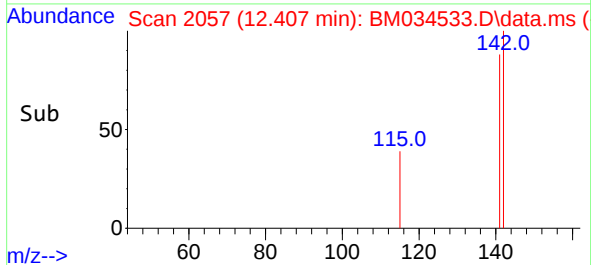
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

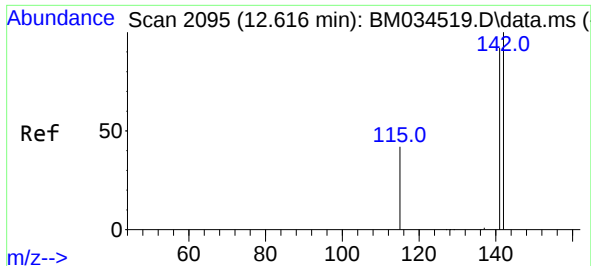


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16



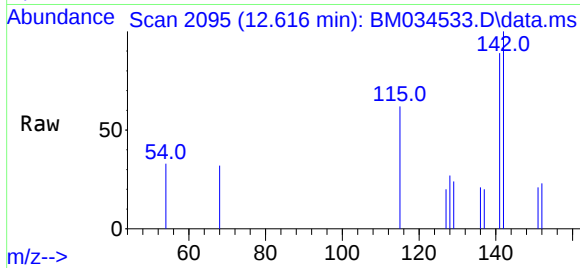
Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
141 95.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

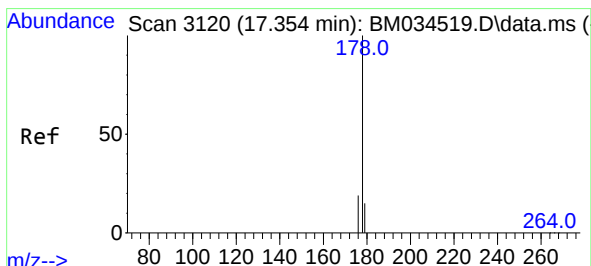
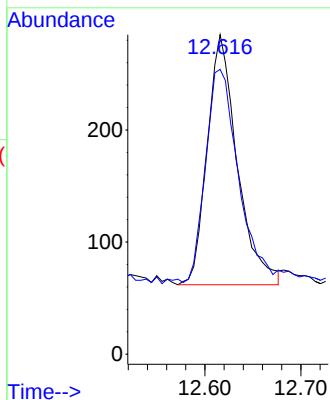
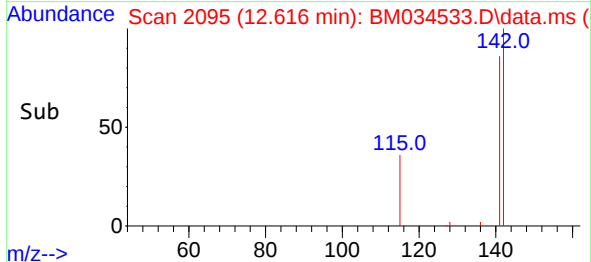
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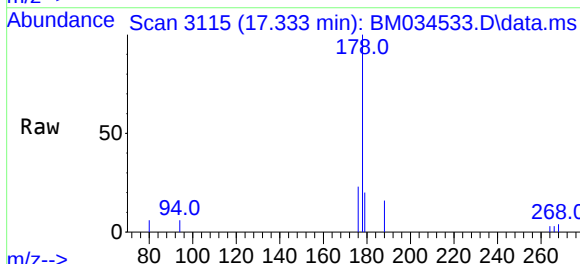
Tgt Ion:142 Resp: 485
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4

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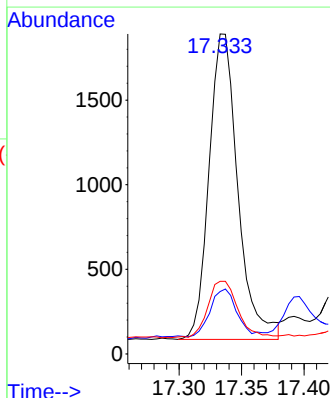
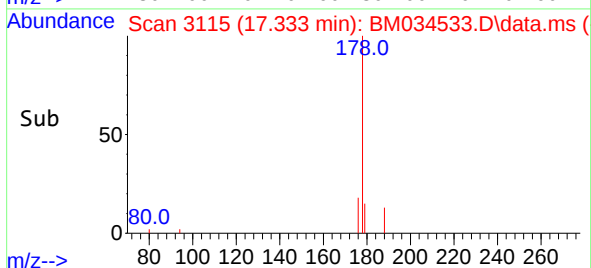
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

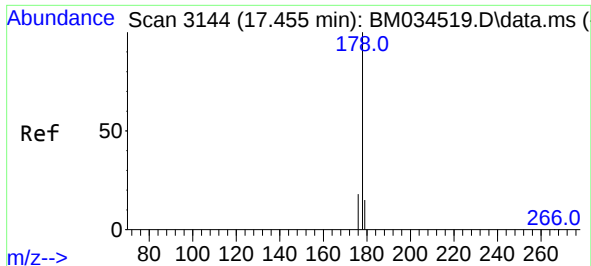


#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.021 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16



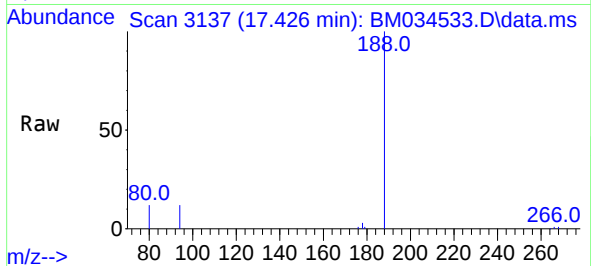
Tgt Ion:178 Resp: 2895
Ion Ratio Lower Upper
178 100
179 19.5 15.0 22.6
176 22.7 17.9 26.9





#16
 Anthracene
 Concen: 0.021 ng/u1
 RT: 17.426 min Scan# 3144
 Delta R.T. -0.025 min
 Lab File: BM034533.D
 Acq: 07 Apr 2022 01:16

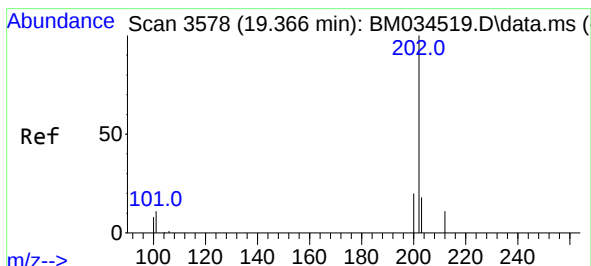
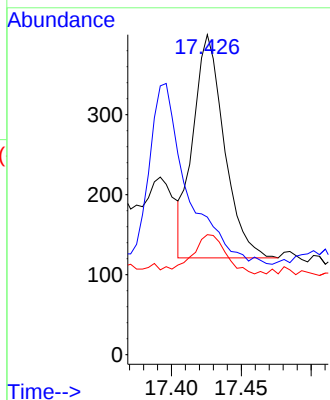
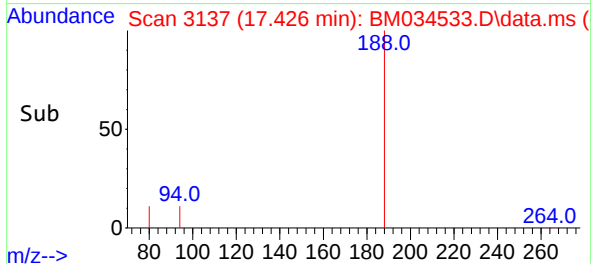
Instrument :
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Tgt Ion:178 Resp: 438
 Ion Ratio Lower Upper
 178 100
 179 43.0 16.5 24.7
 176 37.5 18.3 27.5

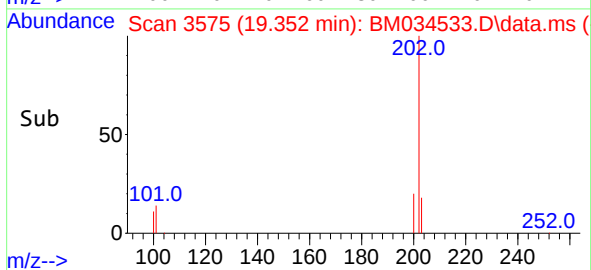
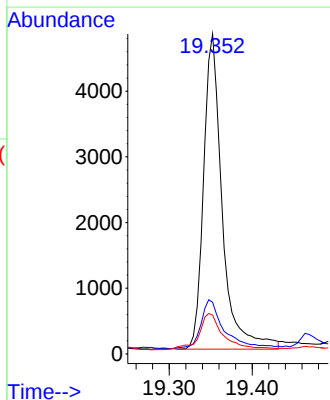
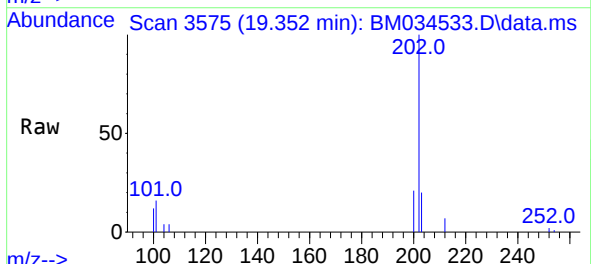
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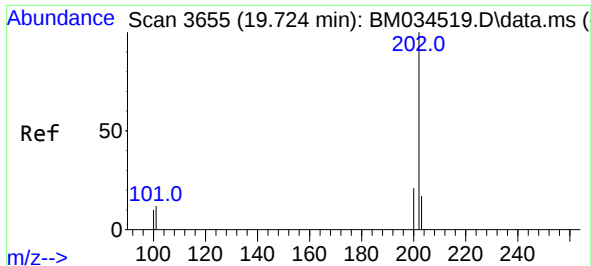
Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022



#19
 Fluoranthene
 Concen: 0.256 ng/u1
 RT: 19.352 min Scan# 3575
 Delta R.T. -0.014 min
 Lab File: BM034533.D
 Acq: 07 Apr 2022 01:16

Tgt Ion:202 Resp: 7501
 Ion Ratio Lower Upper
 202 100
 101 16.2 9.2 13.8#
 100 12.1 7.2 10.8#





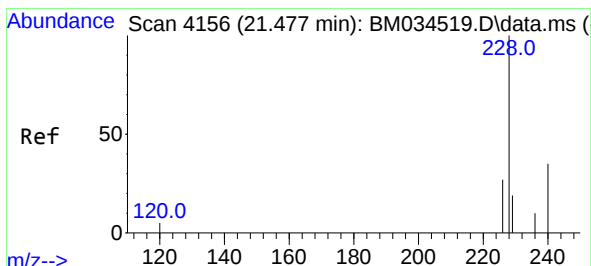
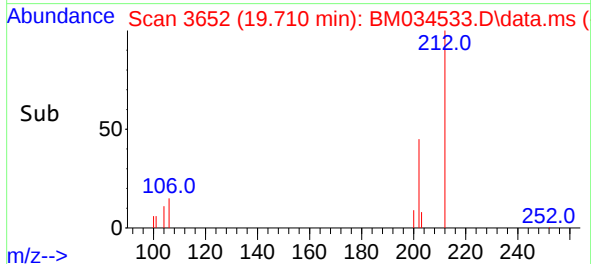
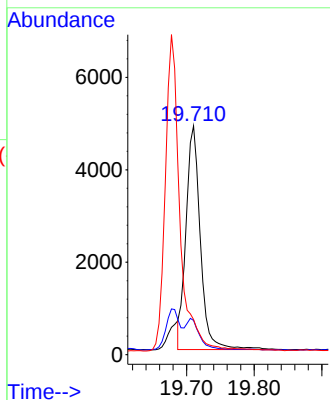
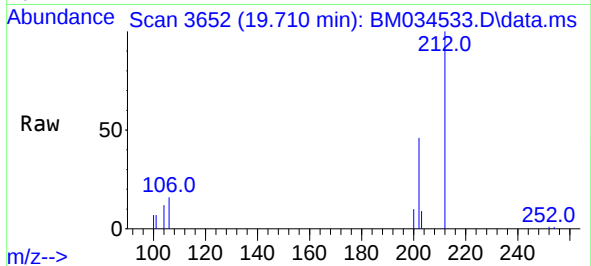
#20
Pyrene
Concen: 0.209 ng/ul m
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

Instrument :
BNA_M
ClientSampleId :
C0R25

Tgt Ion:202 Resp: 717
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9
100 15.4 7.8 11.6

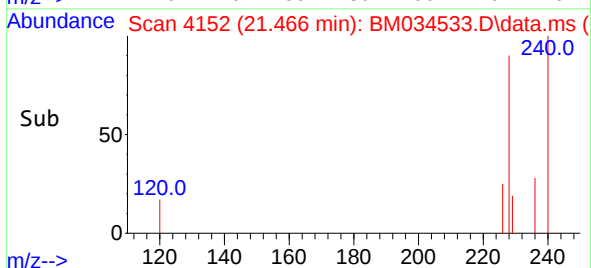
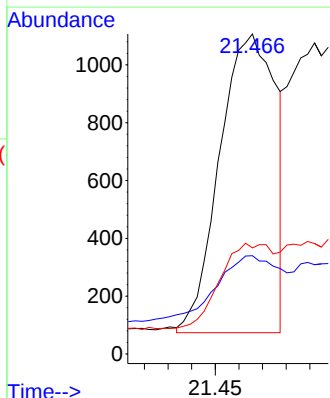
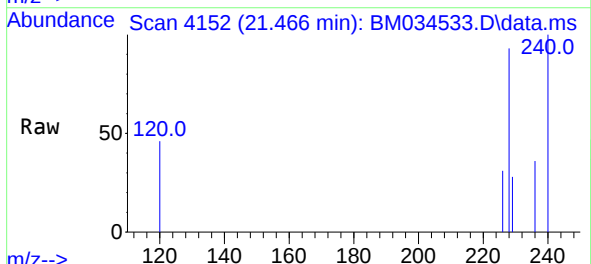
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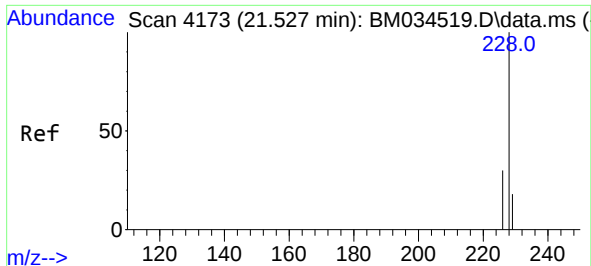
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#21
Benzo(a)anthracene
Concen: 0.112 ng/ul m
RT: 21.466 min Scan# 4152
Delta R.T. -0.014 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

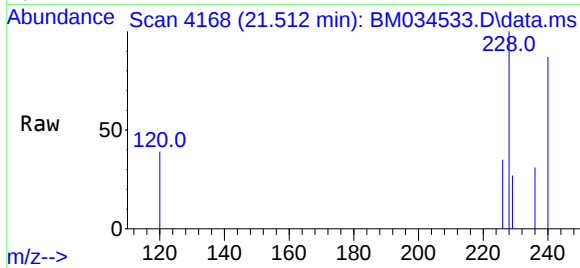
Tgt Ion:228 Resp: 1698
Ion Ratio Lower Upper
228 100
229 30.7 17.3 25.9
226 33.2 23.2 34.8





#22
Chrysene
Concen: 0.215 ng/ul m
RT: 21.512 min Scan# 4168
Delta R.T. -0.015 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

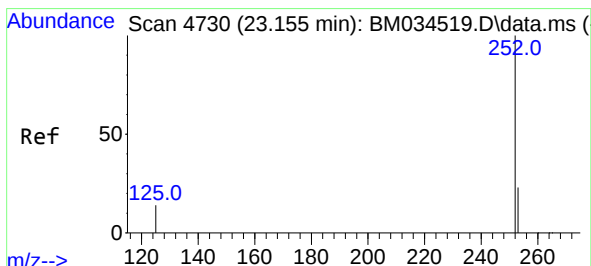
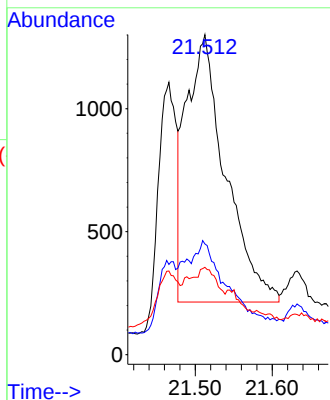
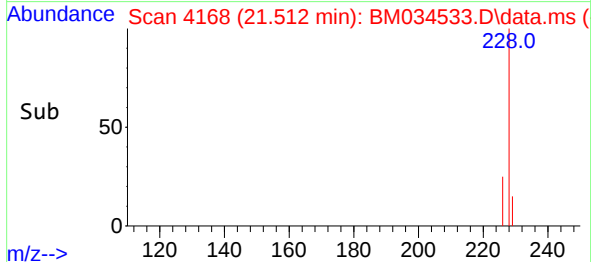
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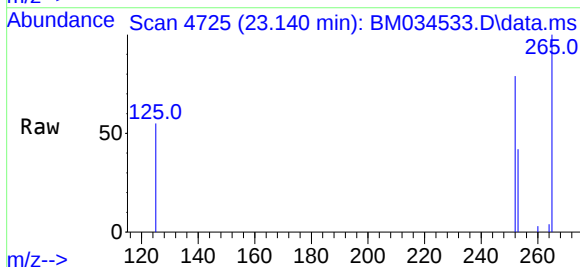
Tgt Ion:228 Resp: 3864
Ion Ratio Lower Upper
228 100
226 34.6 25.8 38.8
229 27.3 16.7 25.1

Manual Integrations
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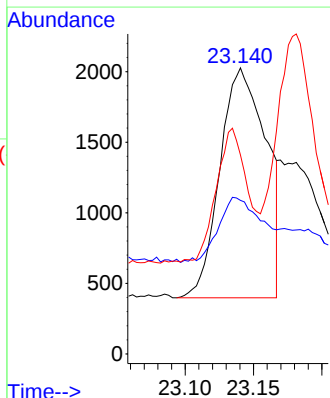
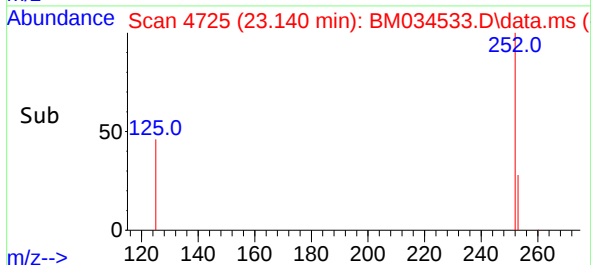
Reviewed By :Jagrut Upadhyay 04/07/2022
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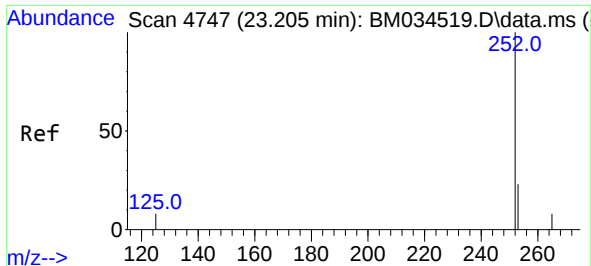


#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.140 min Scan# 4725
Delta R.T. -0.021 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16



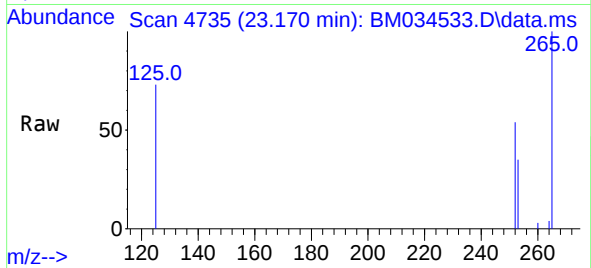
Tgt Ion:252 Resp: 3810
Ion Ratio Lower Upper
252 100
253 53.7 0.0 64.2
125 69.6 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.170 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

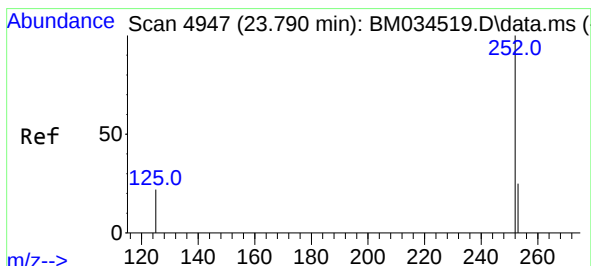
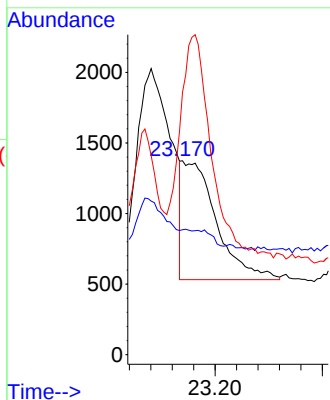
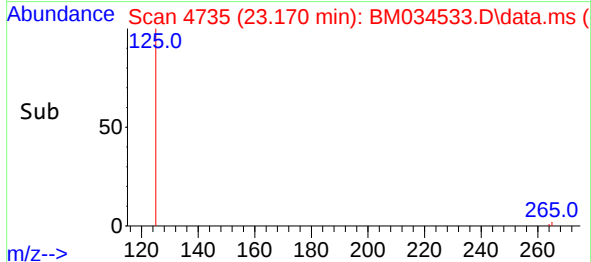
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COR25



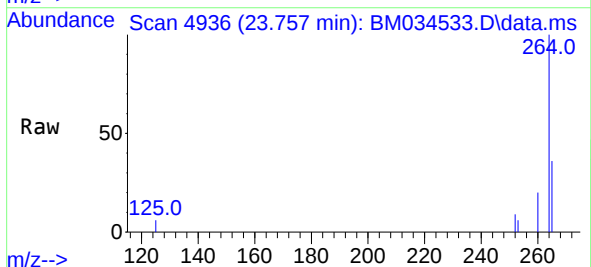
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Ion Ratio Lower Upper
252 100
253 64.4 26.8 40.2
125 135.3 12.0 18.0

Manual Integrations
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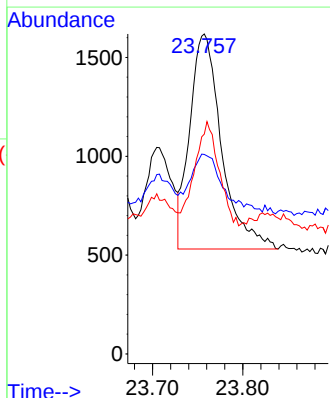
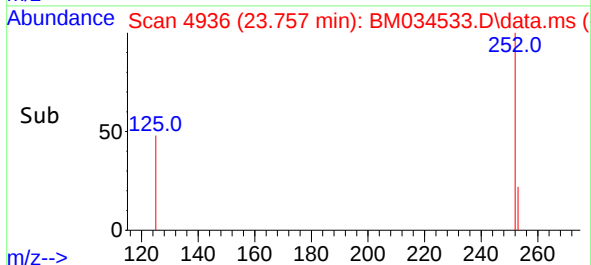
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

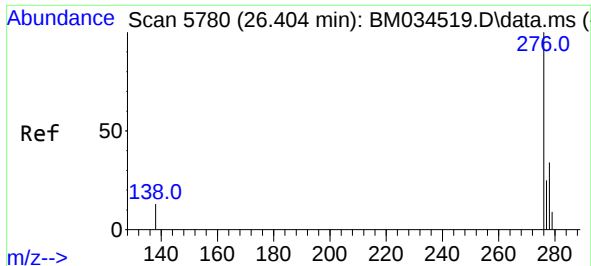


#26
Benzo(a)pyrene
Concen: 0.130 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.038 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16



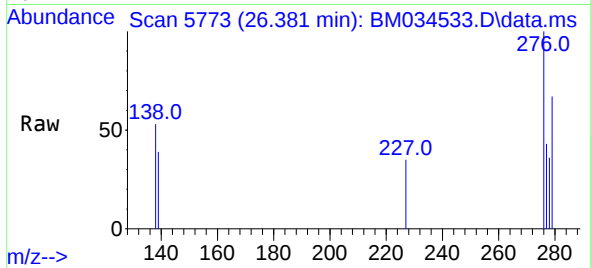
Tgt Ion:252 Resp: 2676
Ion Ratio Lower Upper
252 100
253 62.3 32.0 48.0#
125 68.7 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 26.381 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16

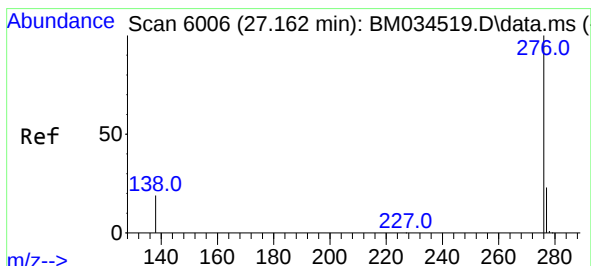
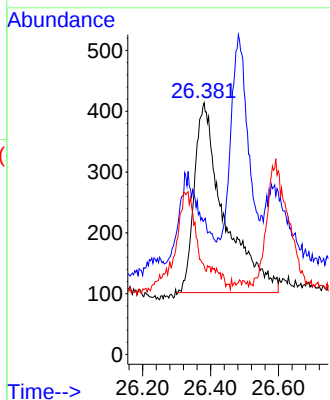
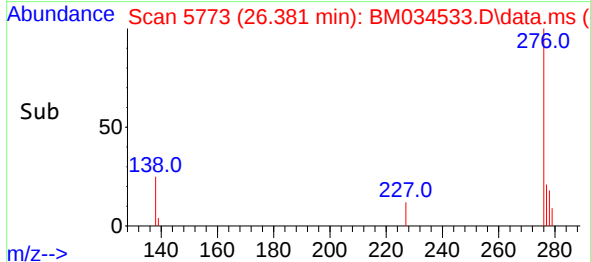
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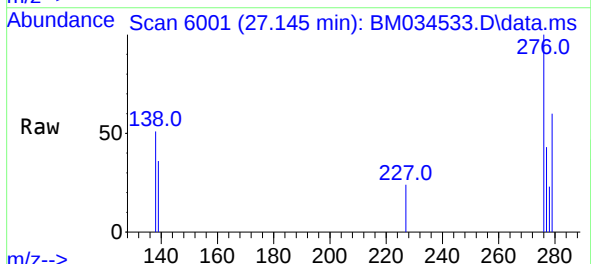
Tgt Ion:276 Resp: 1900
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.0 0.0 0.0

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#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 27.145 min Scan# 6001
Delta R.T. -0.024 min
Lab File: BM034533.D
Acq: 07 Apr 2022 01:16



Tgt Ion:276 Resp: 1774
Ion Ratio Lower Upper
276 100
138 51.2 17.4 26.0#
277 42.9 22.6 33.8#

