

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034829.D
 Acq On : 26 Apr 2022 09:44
 Operator : CG/JU
 Sample : N2374-09DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 11:13:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	7032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17831	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	9497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	18710	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	15079	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	16127	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	3511	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	947	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2316	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.293	152	2194	0.053	ng/ul	98
12) Fluorene	15.616	166	897	0.023	ng/ul#	94
15) Phenanthrene	17.351	178	19226	0.311	ng/ul	94
16) Anthracene	17.444	178	2641	0.048	ng/ul	97
19) Fluoranthene	19.364	202	43929	0.607	ng/ul	97
20) Pyrene	19.726	202	40584	0.558	ng/ul	99
21) Benzo(a)anthracene	21.471	228	15849	0.270	ng/ul	94
22) Chrysene	21.523	228	21764	0.348	ng/ul	96
24) Benzo(b)fluoranthene	23.154	252	27971	0.380	ng/ul	89
25) Benzo(k)fluoranthene	23.198	252	10870m	0.148	ng/ul	
26) Benzo(a)pyrene	23.771	252	17140	0.285	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.353	276	15119	0.179	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.366	278	3595	0.052	ng/ul#	22
29) Benzo(g,h,i)perylene	27.118	276	13696	0.188	ng/ul#	90

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

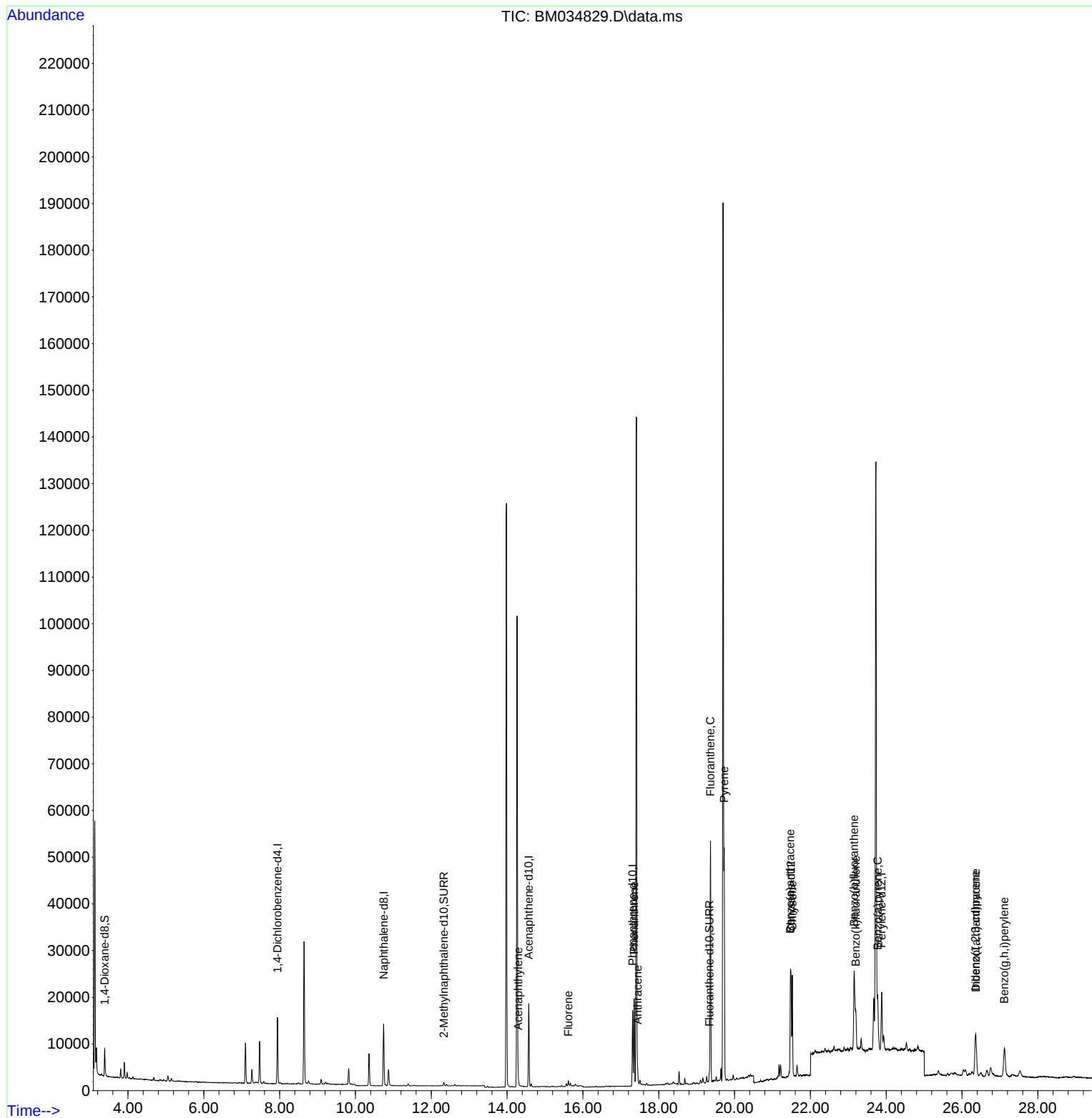
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
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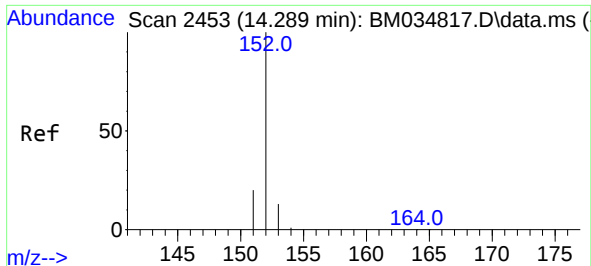
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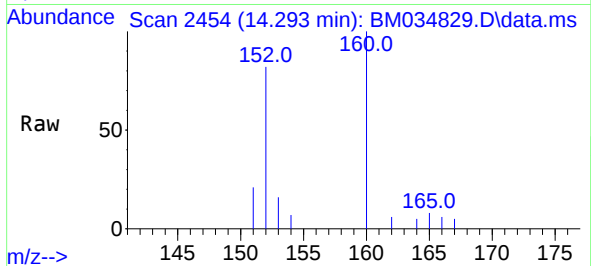
Quant Time: Apr 26 11:13:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

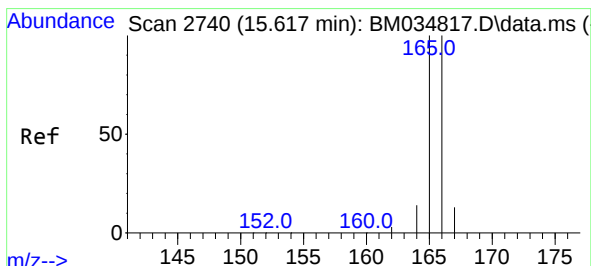
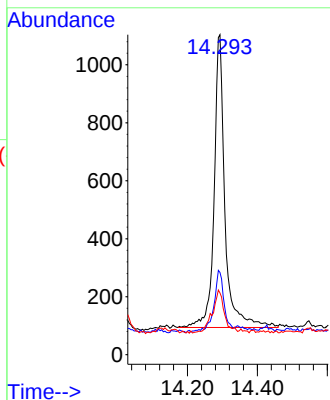
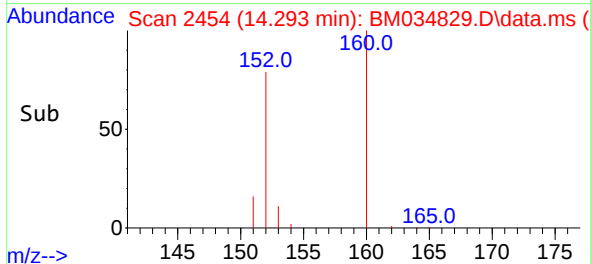
Instrument :
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ClientSampleId :
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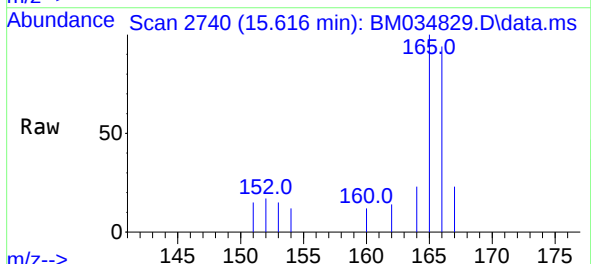
Tgt Ion:152 Resp: 2194
Ion Ratio Lower Upper
152 100
151 25.7 19.9 29.9
153 19.3 15.0 22.4

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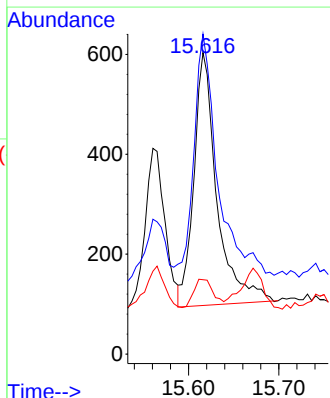
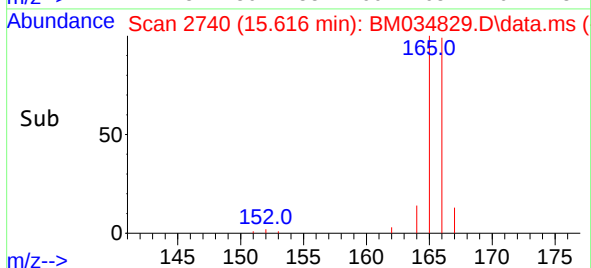
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

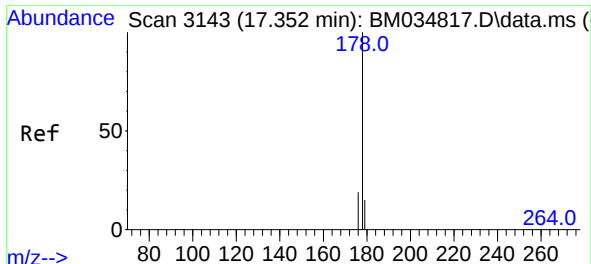


#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



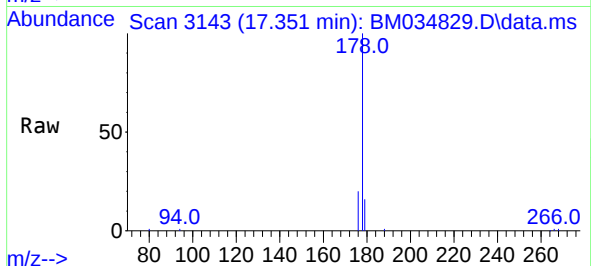
Tgt Ion:166 Resp: 897
Ion Ratio Lower Upper
166 100
165 106.1 81.1 121.7
167 24.7 14.9 22.3#





#15
Phenanthrene
Concen: 0.311 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

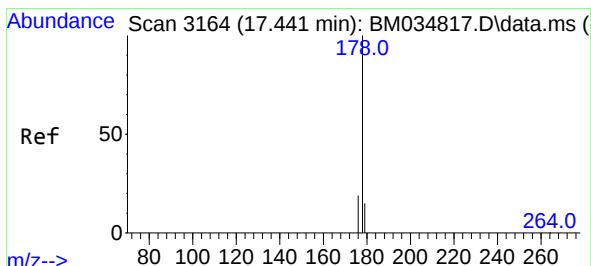
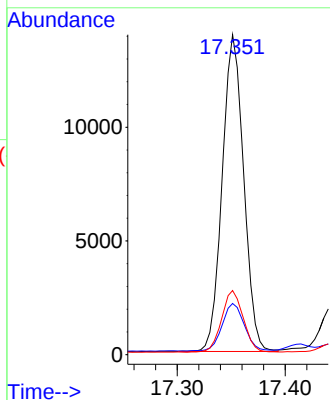
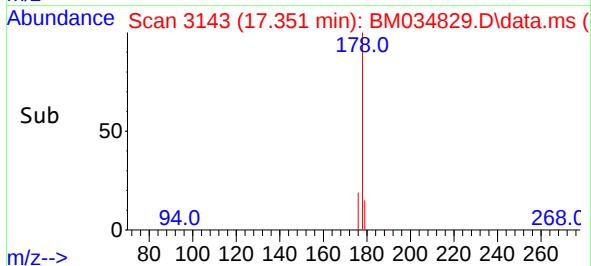
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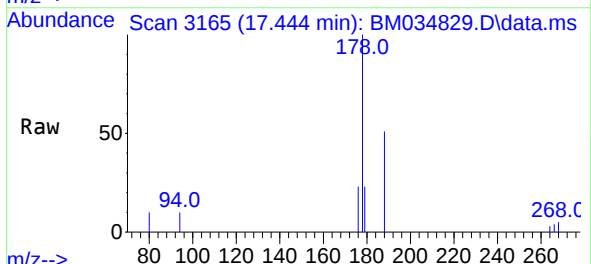
Tgt Ion:178 Resp: 19220
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 20.0 17.9 26.9

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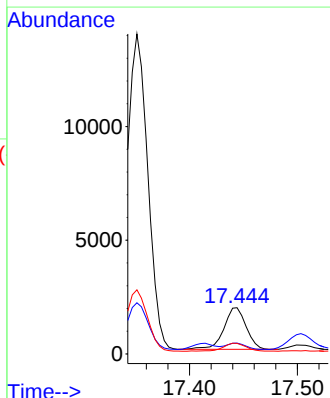
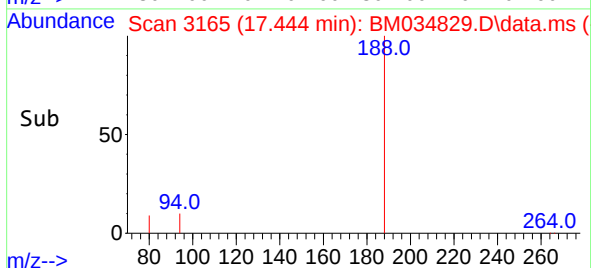
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

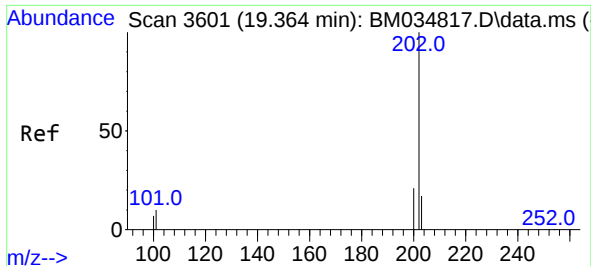


#16
Anthracene
Concen: 0.048 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



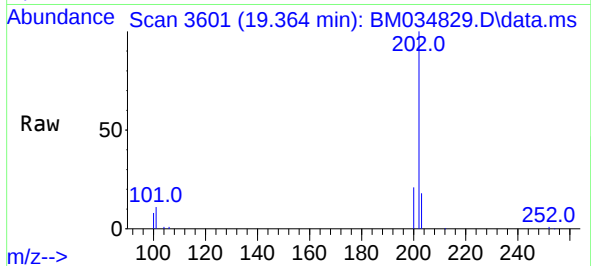
Tgt Ion:178 Resp: 2641
Ion Ratio Lower Upper
178 100
179 23.4 16.5 24.7
176 22.9 18.3 27.5





#19
Fluoranthene
Concen: 0.607 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

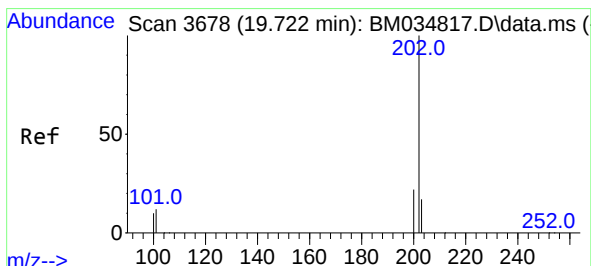
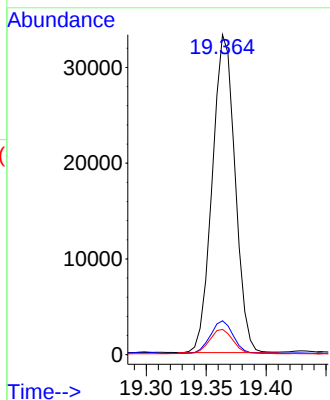
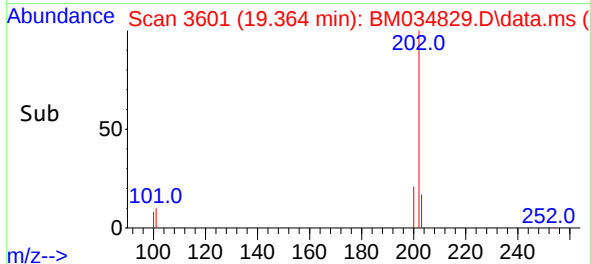
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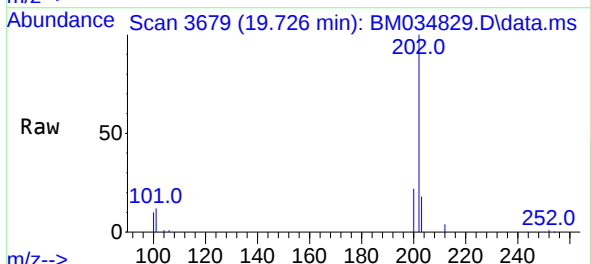
Tgt Ion:202 Resp: 43929
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 7.9 7.2 10.8

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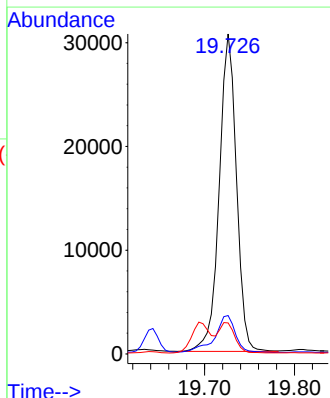
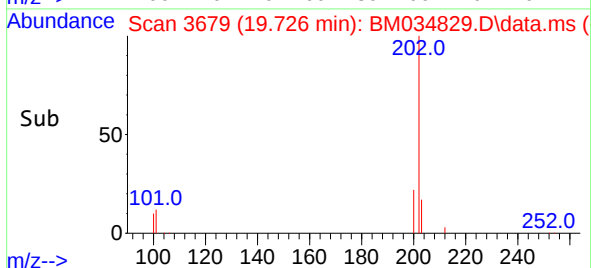
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

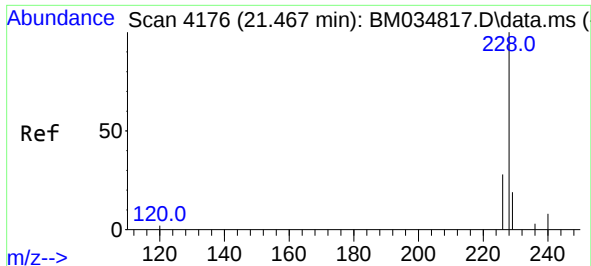


#20
Pyrene
Concen: 0.558 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



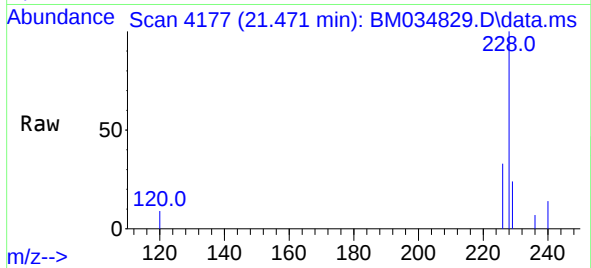
Tgt Ion:202 Resp: 40584
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

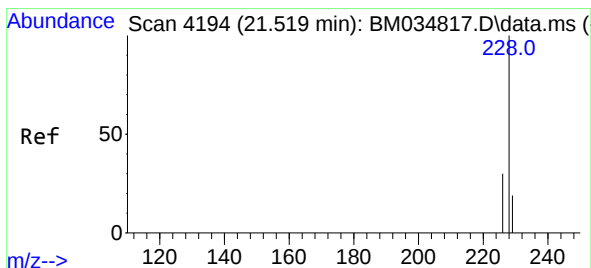
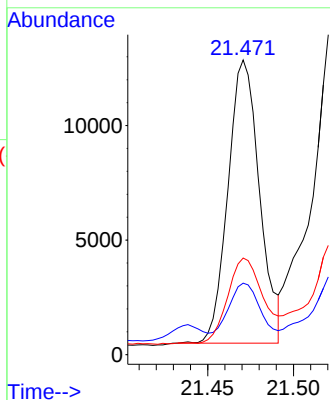
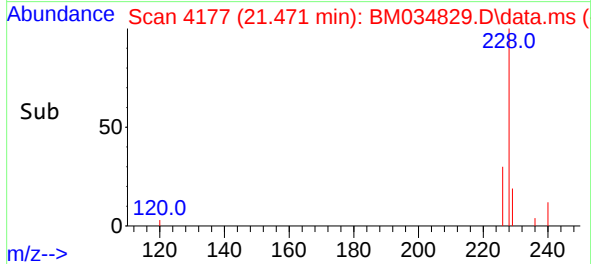
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BNA_M
ClientSampleId :
BFFF1DL



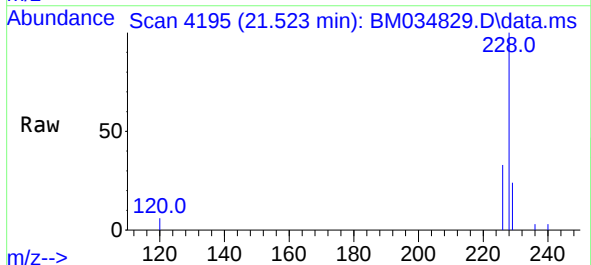
Tgt Ion:228 Resp: 15849
Ion Ratio Lower Upper
228 100
229 24.3 17.3 25.9
226 32.8 23.2 34.8

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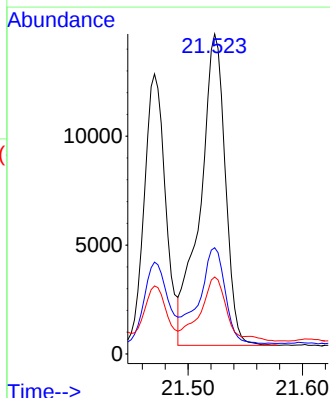
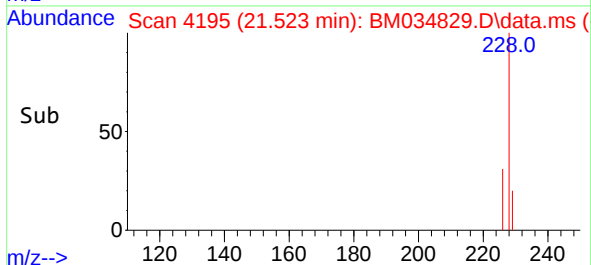
Reviewed By :Jagrut Upadhyay 04/26/2022
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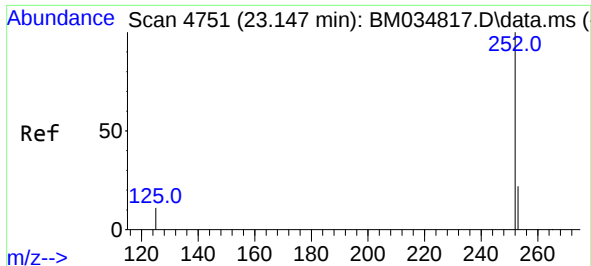


#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



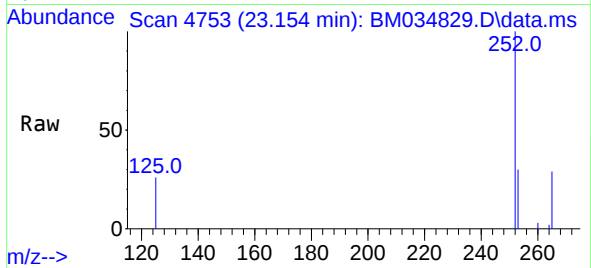
Tgt Ion:228 Resp: 21764
Ion Ratio Lower Upper
228 100
226 33.2 25.8 38.8
229 24.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

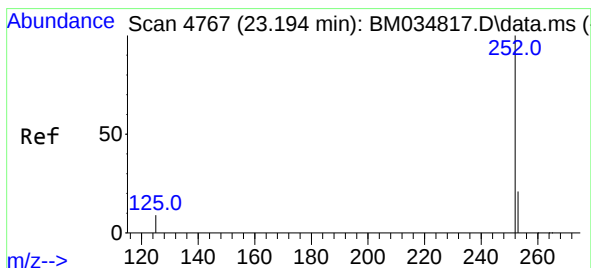
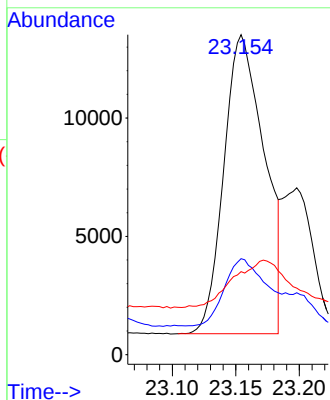
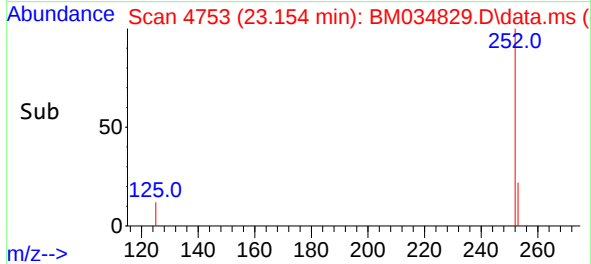
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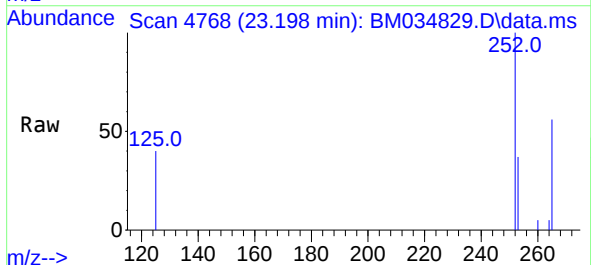
Tgt Ion:252 Resp: 2797
Ion Ratio Lower Upper
252 100
253 30.0 0.0 64.2
125 26.0 0.0 28.8

Manual Integrations
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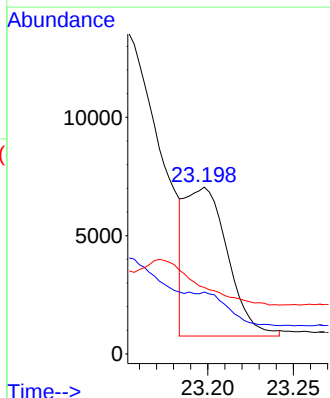
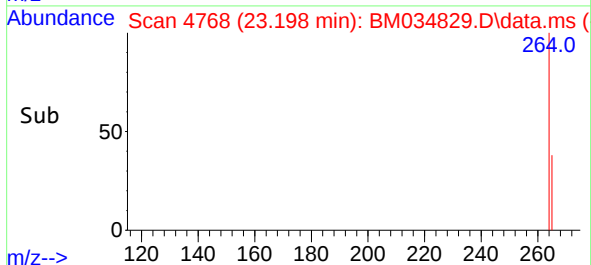
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

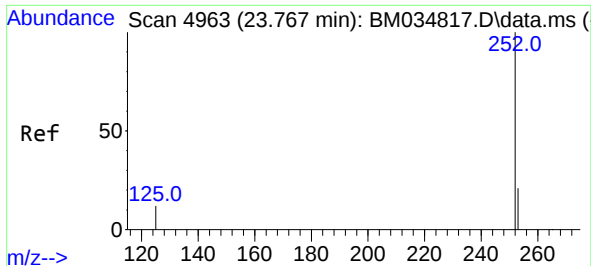


#25
Benzo(k)fluoranthene
Concen: 0.148 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



Tgt Ion:252 Resp: 10870
Ion Ratio Lower Upper
252 100
253 37.1 26.8 40.2
125 39.9 12.0 18.0#





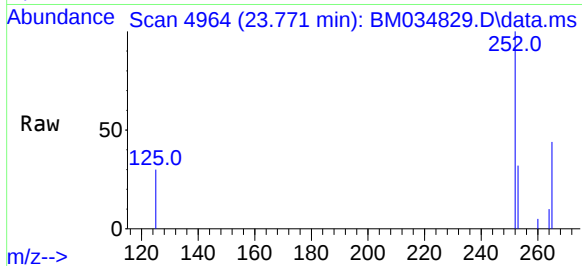
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Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.004 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

Instrument :

BNA_M

ClientSampleId :

BFFF1DL

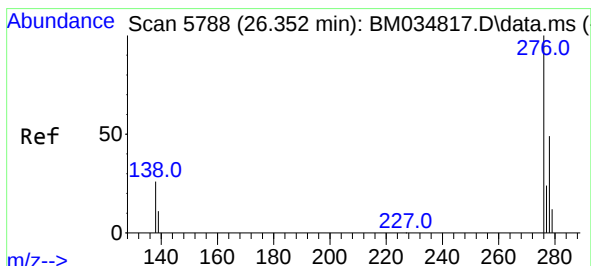
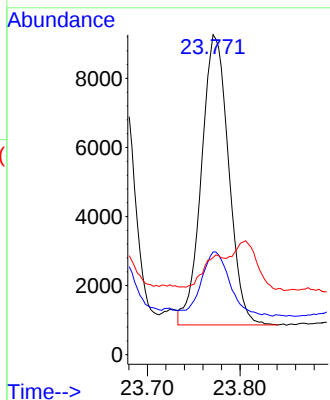
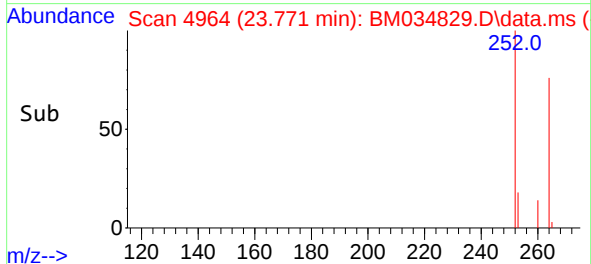


Tgt Ion:252 Resp: 17140
Ion Ratio Lower Upper
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253 32.1 32.0 48.0
125 30.4 14.5 21.7

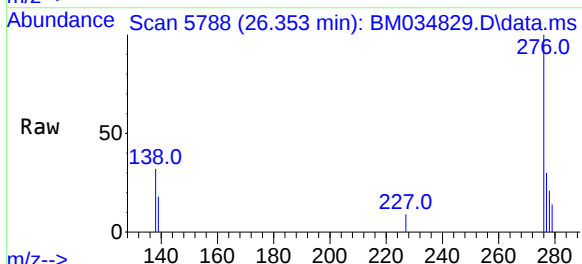
Manual Integrations

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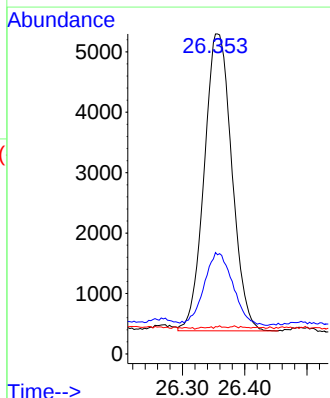
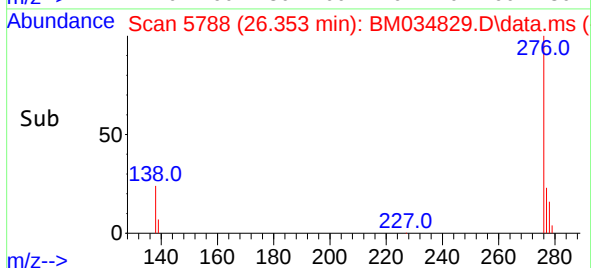
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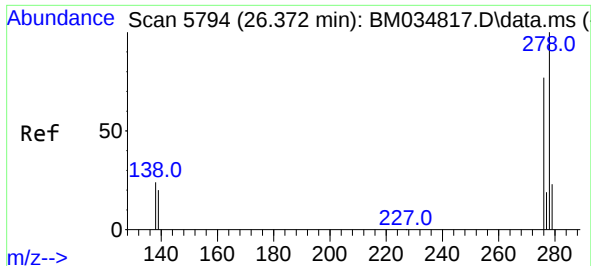


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.008 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44



Tgt Ion:276 Resp: 15119
Ion Ratio Lower Upper
276 100
138 25.5 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.366 min Scan# 51
Delta R.T. -0.018 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

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BNA_M

ClientSampleId :

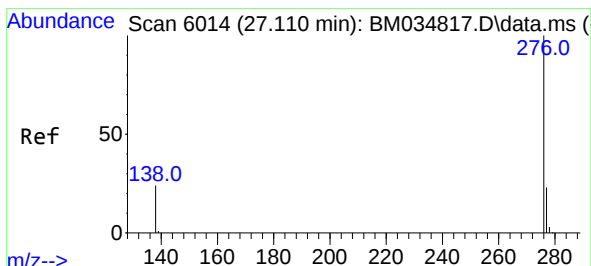
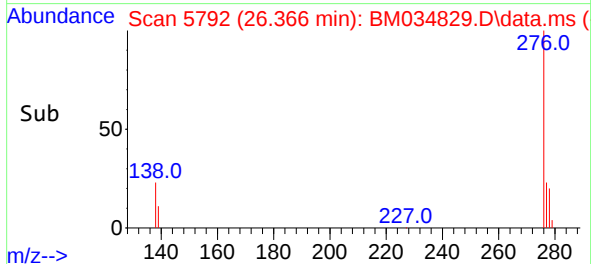
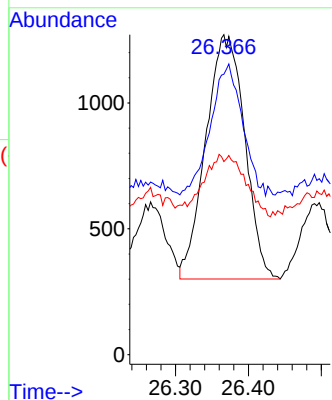
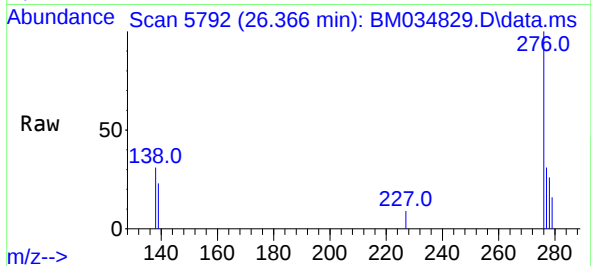
BFFF1DL

Tgt Ion:278 Resp: 359
Ion Ratio Lower Upper
278 100
139 87.6 18.0 27.0
279 60.3 28.6 42.8

Manual Integrations

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Supervised By :Yogesh Patel 04/29/2022



#29
Benzo(g,h,i)perylene
Concen: 0.188 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034829.D
Acq: 26 Apr 2022 09:44

Tgt Ion:276 Resp: 13696
Ion Ratio Lower Upper
276 100
138 31.2 17.4 26.0
277 29.5 22.6 33.8

