

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034787.D
 Acq On : 23 Apr 2022 02:49
 Operator : CG/JU
 Sample : N2373-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 23 03:30:03 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	7.947	152	7498	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	20120	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	11399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	19869	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	13478	0.400	ng/ul	# 0.00
23) Perylene-d12	23.881	264	14657	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	46915	5.657	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11339	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	17612	0.414	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.356	178	7372	0.112	ng/ul	Qvalue 97
19) Fluoranthene	19.364	202	7539	0.117	ng/ul	97
20) Pyrene	19.727	202	9323m	0.143	ng/ul	
21) Benzo(a)anthracene	21.470	228	2983	0.057	ng/ul#	83
22) Chrysene	21.522	228	4365	0.078	ng/ul#	88
24) Benzo(b)fluoranthene	23.150	252	4205	0.063	ng/ul#	43
25) Benzo(k)fluoranthene	23.197	252	1617m	0.024	ng/ul	
26) Benzo(a)pyrene	23.776	252	2803	0.051	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.355	276	2386	0.031	ng/ul#	78
29) Benzo(g,h,i)perylene	27.113	276	2414	0.036	ng/ul#	60

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

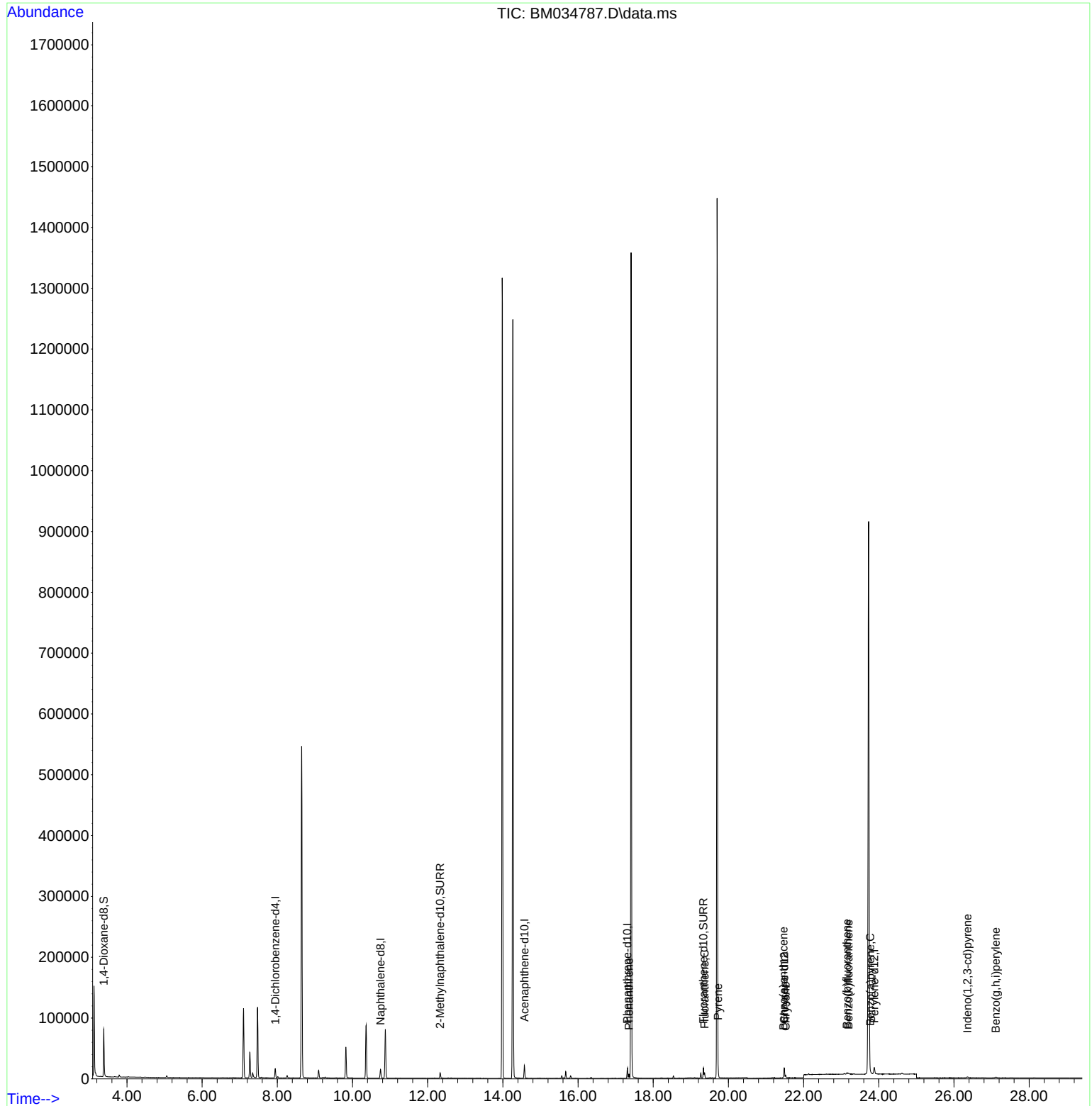
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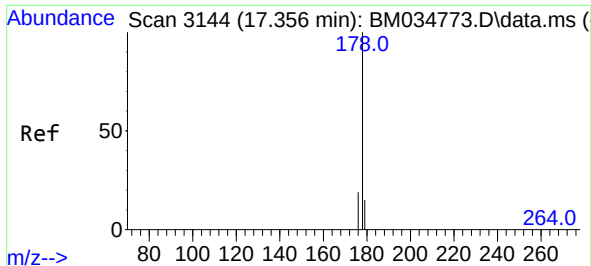
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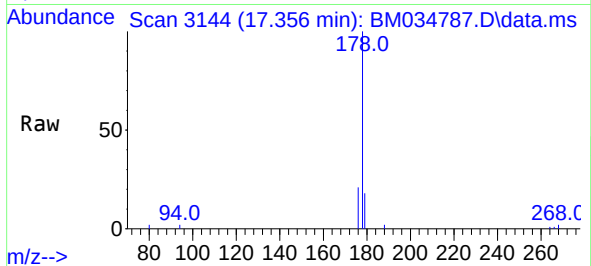
Quant Time: Apr 23 03:30:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
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#15
Phenanthrene
Concen: 0.112 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

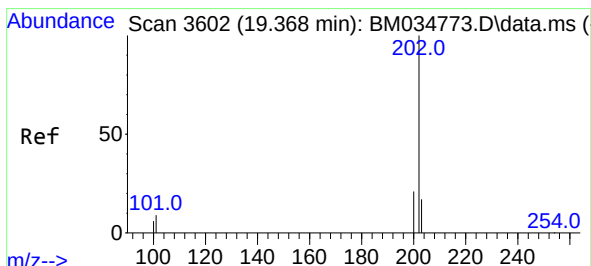
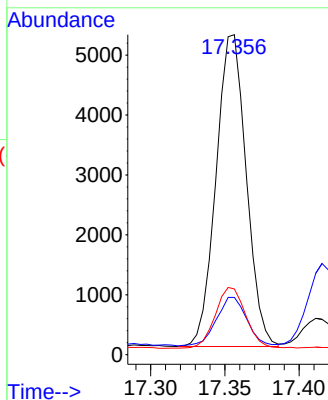
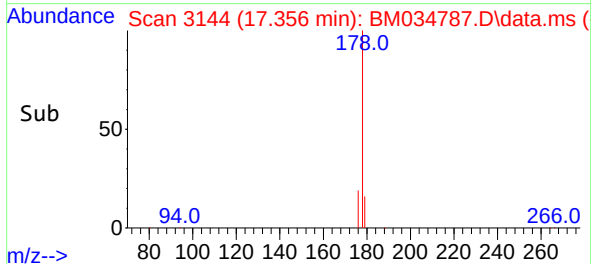
Instrument :
BNA_M
ClientSampleId :
BFFD3



Tgt Ion:178 Resp: 7372
Ion Ratio Lower Upper
178 100
179 17.9 15.0 22.6
176 20.5 17.9 26.9

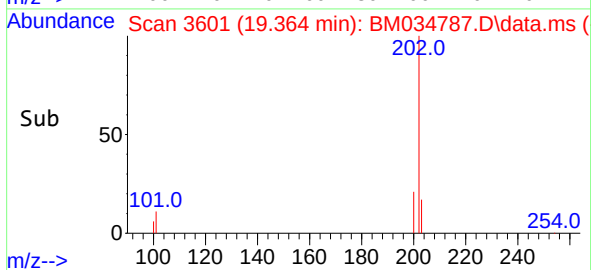
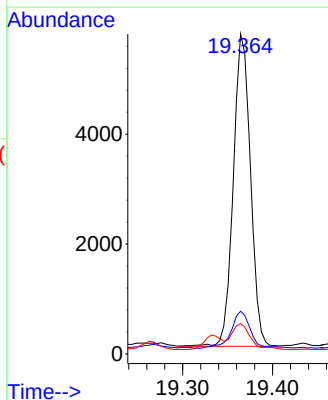
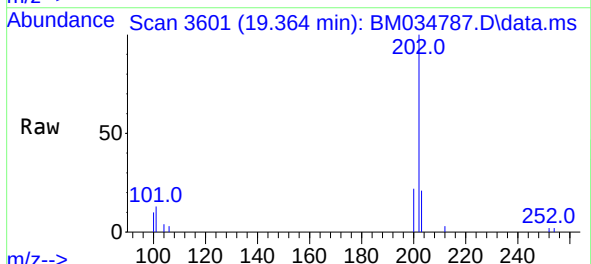
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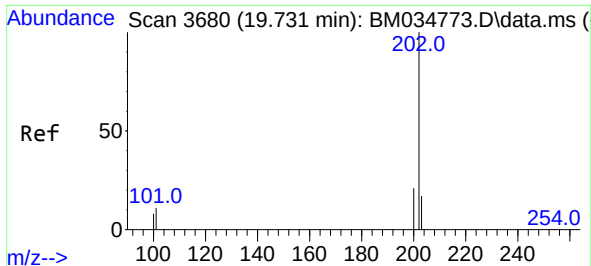
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#19
Fluoranthene
Concen: 0.117 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

Tgt Ion:202 Resp: 7539
Ion Ratio Lower Upper
202 100
101 13.4 9.2 13.8
100 9.5 7.2 10.8





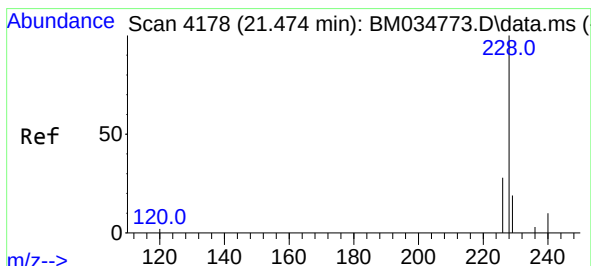
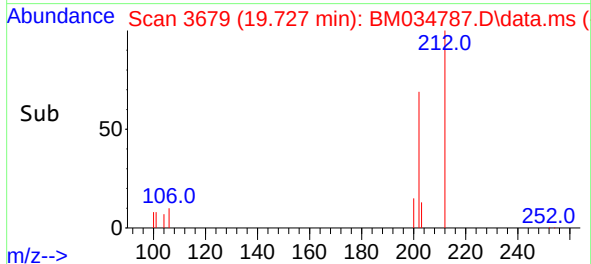
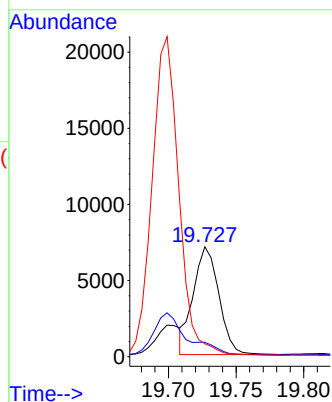
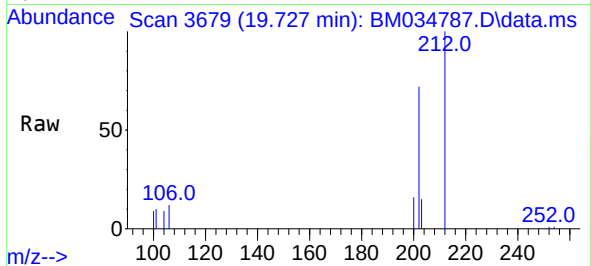
#20
Pyrene
Concen: 0.143 ng/ul m
RT: 19.727 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

Instrument :
BNA_M
ClientSampleId :
BFFD3

Tgt Ion:	202	Resp:	932
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.3	13.9
100	11.8	7.8	11.6

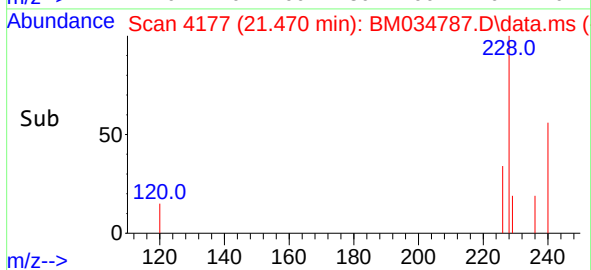
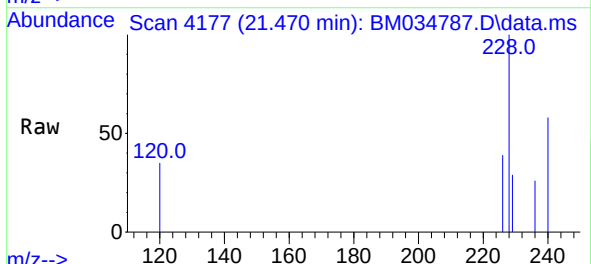
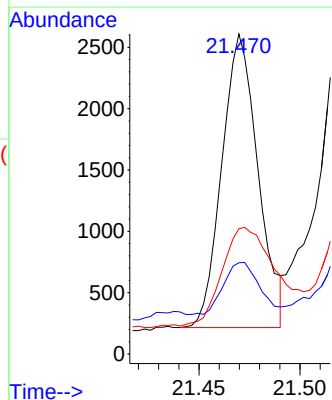
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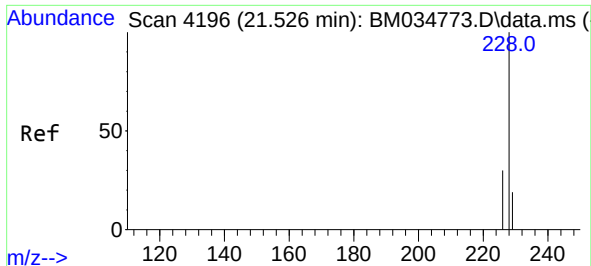
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#21
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

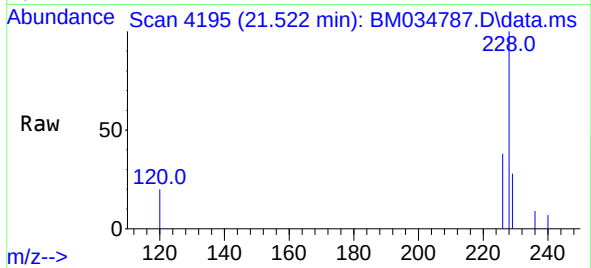
Tgt Ion:	228	Resp:	2983
Ion Ratio	Lower	Upper	
228	100		
229	28.5	17.3	25.9#
226	39.2	23.2	34.8#





#22
Chrysene
Concen: 0.078 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

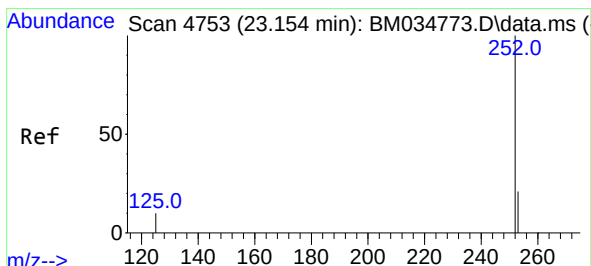
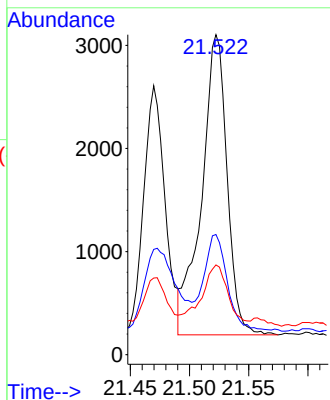
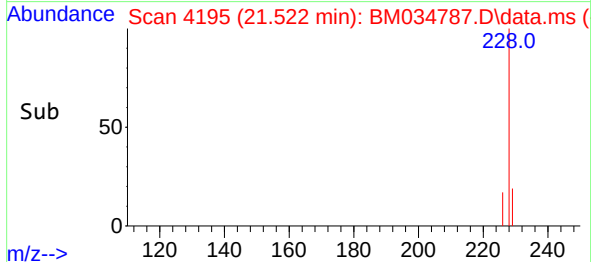
Instrument :
BNA_M
ClientSampleId :
BFFD3



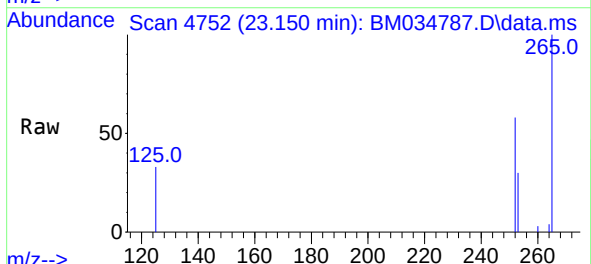
Tgt Ion:228 Resp: 4365
Ion Ratio Lower Upper
228 100
226 37.5 25.8 38.8
229 28.1 16.7 25.1

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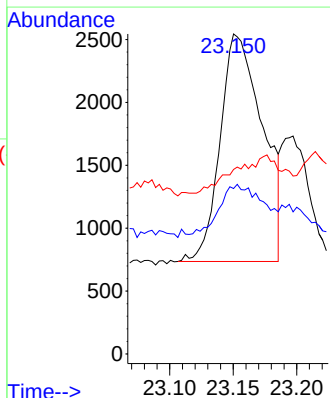
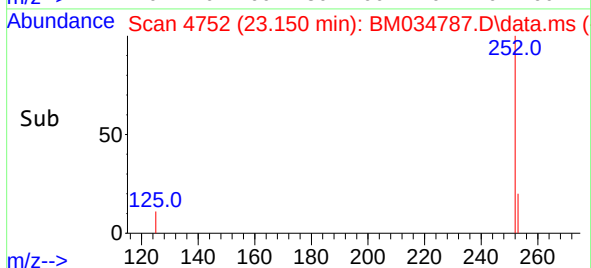
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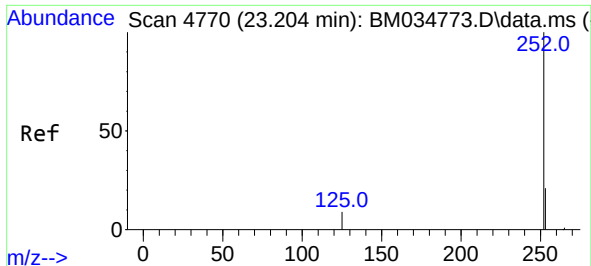


#24
Benzo(b)fluoranthene
Concen: 0.063 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. -0.002 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49



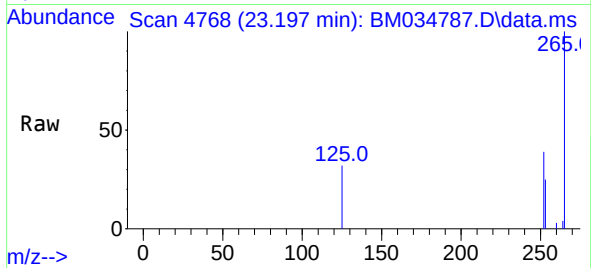
Tgt Ion:252 Resp: 4205
Ion Ratio Lower Upper
252 100
253 51.7 0.0 64.2
125 57.7 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.197 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

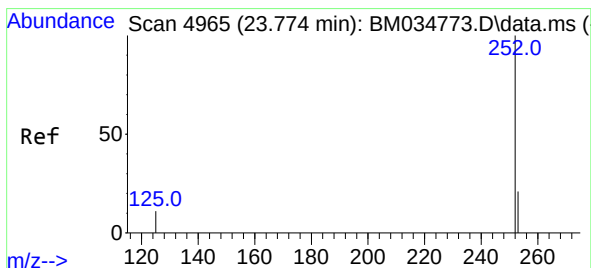
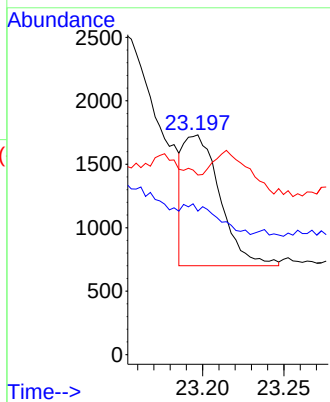
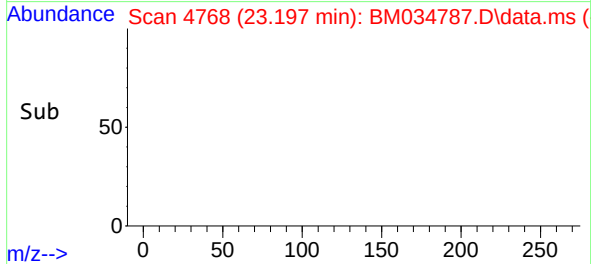
Instrument :
BNA_M
ClientSampleId :
BFFD3



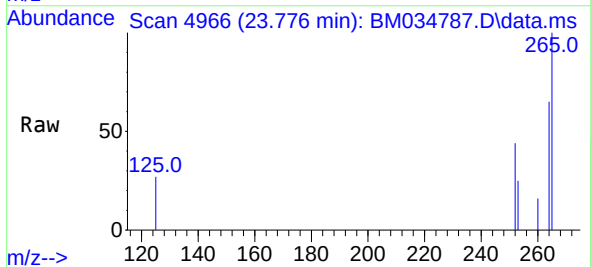
Tgt Ion:252 Resp: 161
Ion Ratio Lower Upper
252 100
253 65.2 26.8 40.2
125 81.7 12.0 18.0

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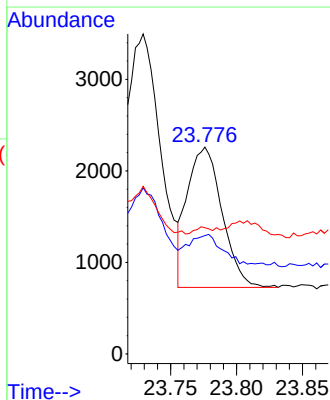
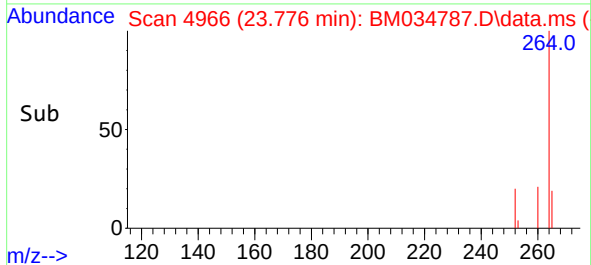
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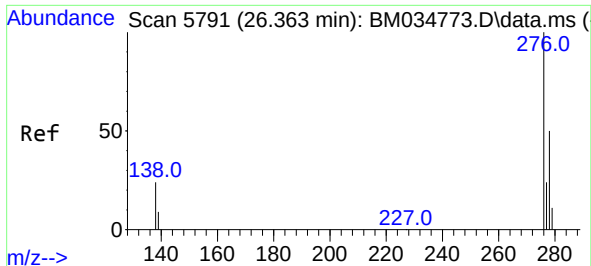


#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.001 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49



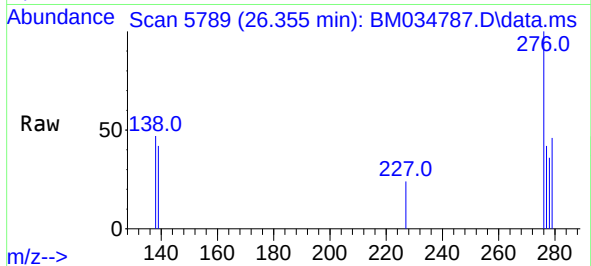
Tgt Ion:252 Resp: 2803
Ion Ratio Lower Upper
252 100
253 57.2 32.0 48.0#
125 61.1 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.006 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49

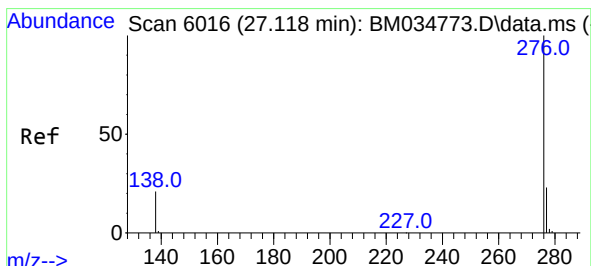
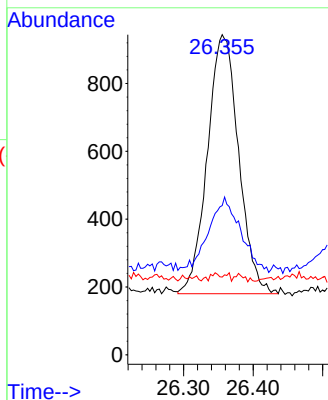
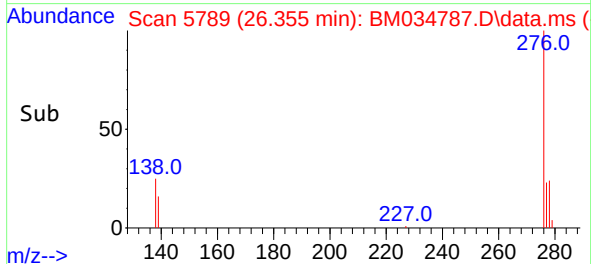
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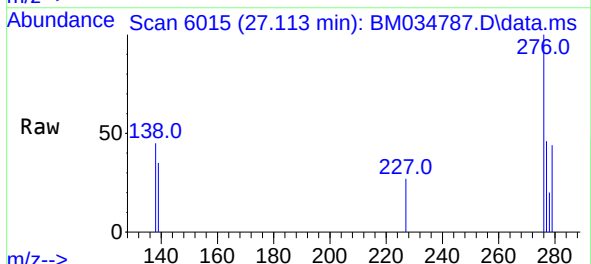
Tgt Ion: 276 Resp: 2380
Ion Ratio Lower Upper
276 100
138 29.8 15.8 23.6
227 0.5 0.0 0.0

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Supervised By : mohammad ahmed 04/26/2022



#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 27.113 min Scan# 6015
Delta R.T. -0.005 min
Lab File: BM034787.D
Acq: 23 Apr 2022 02:49



Tgt Ion: 276 Resp: 2414
Ion Ratio Lower Upper
276 100
138 44.8 17.4 26.0#
277 46.0 22.6 33.8#

