

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:46:17 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	7.916	152	2868	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	7589	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	6577	0.400	ng/ul	-0.01
17) Chrysene-d12	21.518	240	4772	0.400	ng/ul	# 0.02
23) Perylene-d12	23.880	264	2178m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	9281	1.932	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	1345	0.135	ng/ul	0.01
18) Fluoranthene-d10	19.324	212	2976	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.337	178	995	0.047	ng/ul#	83
19) Fluoranthene	19.357	202	1732	0.086	ng/ul#	87
20) Pyrene	19.715	202	1800m	0.077	ng/ul	
21) Benzo(a)anthracene	21.501	228	816	0.079	ng/ul#	67
22) Chrysene	21.533	228	450m	0.037	ng/ul	
24) Benzo(b)fluoranthene	23.149	252	1083m	0.152	ng/ul	
25) Benzo(k)fluoranthene	23.190	252	412m	0.065	ng/ul	
26) Benzo(a)pyrene	23.766	252	611	0.073	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.424	276	446m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	27.202	276	405	0.037	ng/ul#	1

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

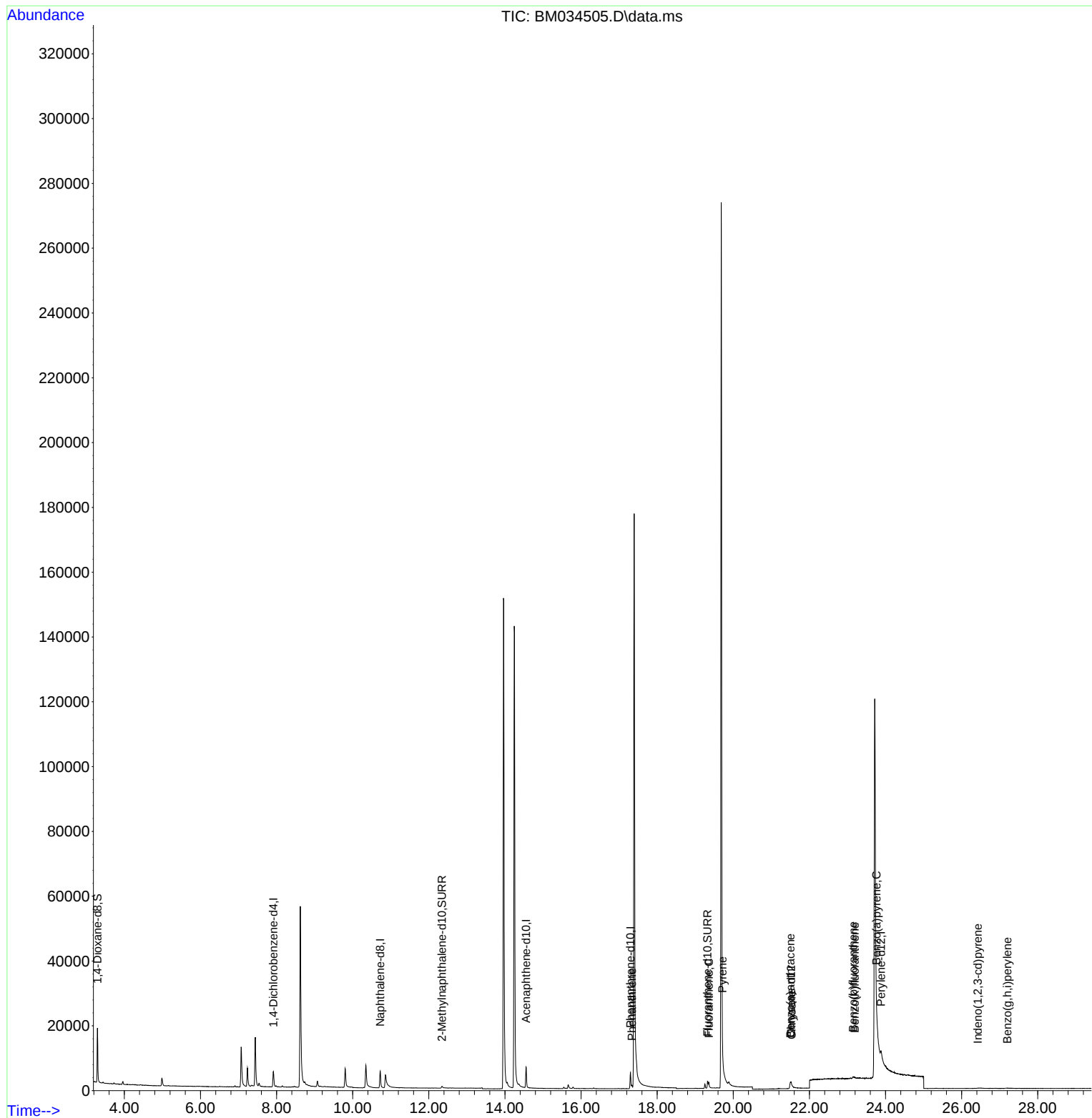
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
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ALS Vial : 11 Sample Multiplier: 1

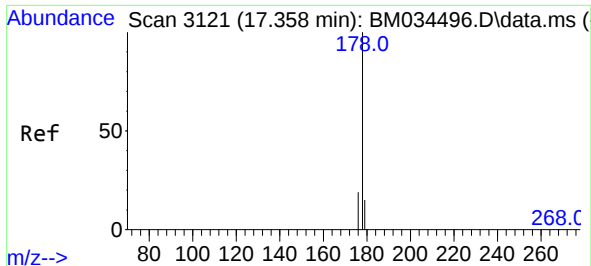
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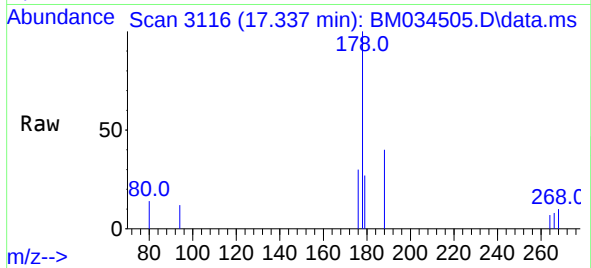
Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
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QLast Update : Tue Apr 05 11:50:53 2022
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#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

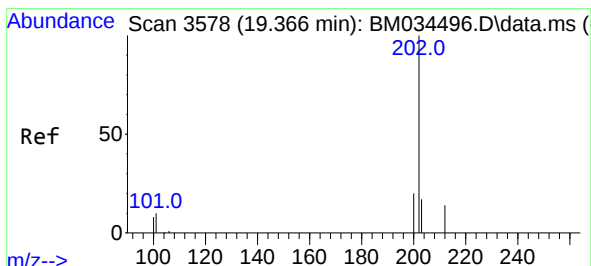
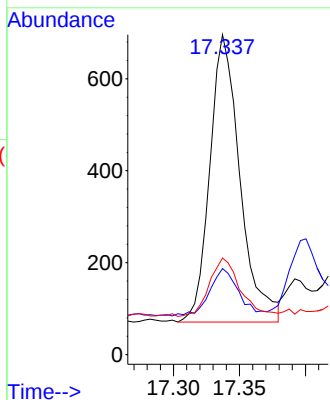
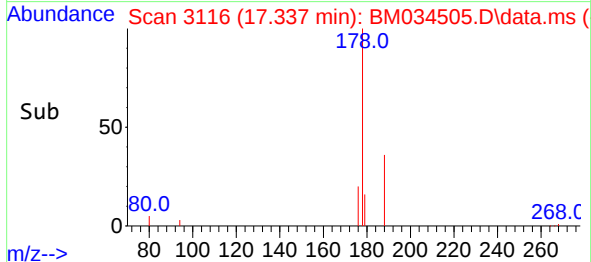
Instrument :
BNA_M
ClientSampleId :
COR30



Tgt Ion:178 Resp: 99
Ion Ratio Lower Upper
178 100
179 26.9 15.0 22.6
176 30.2 17.9 26.9

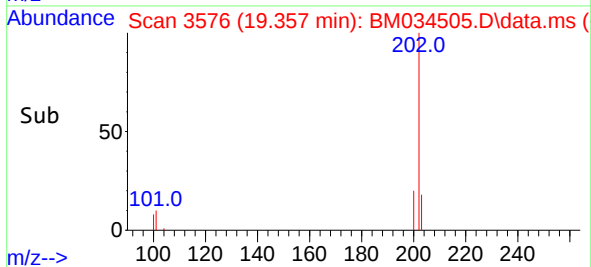
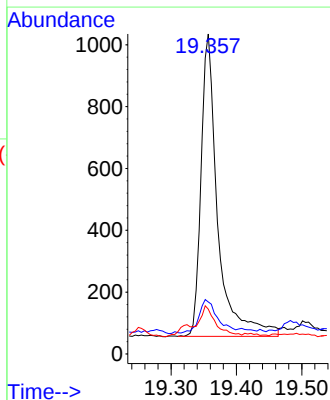
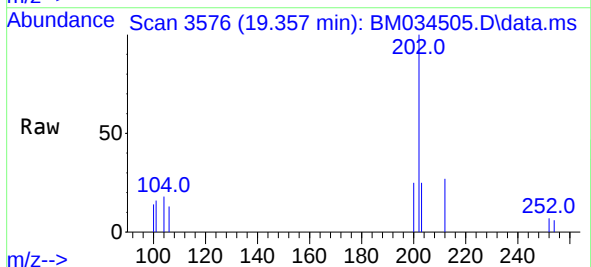
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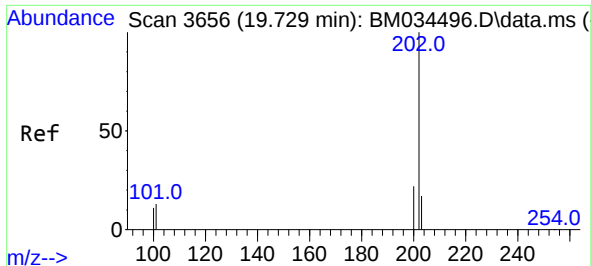
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.357 min Scan# 3576
Delta R.T. -0.009 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

Tgt Ion:202 Resp: 1732
Ion Ratio Lower Upper
202 100
101 16.2 9.2 13.8#
100 14.0 7.2 10.8#





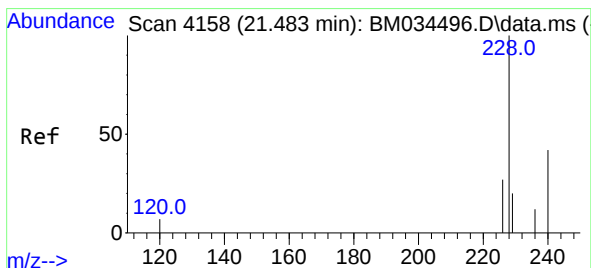
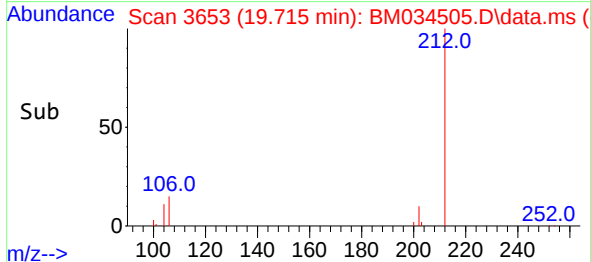
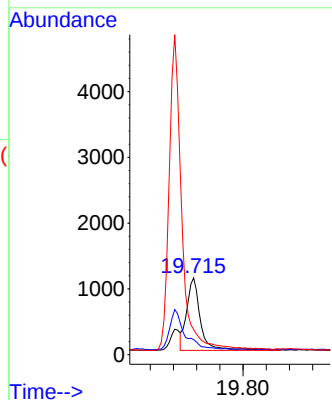
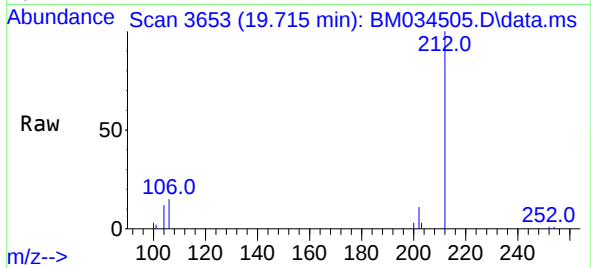
#20
Pyrene
Concen: 0.077 ng/ul m
RT: 19.715 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

Instrument :
BNA_M
ClientSampleId :
COR30

Tgt Ion:202 Resp: 1800
Ion Ratio Lower Upper
202 100
101 19.5 9.3 13.9#
100 32.6 7.8 11.6#

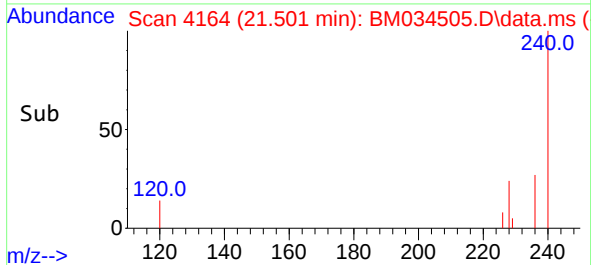
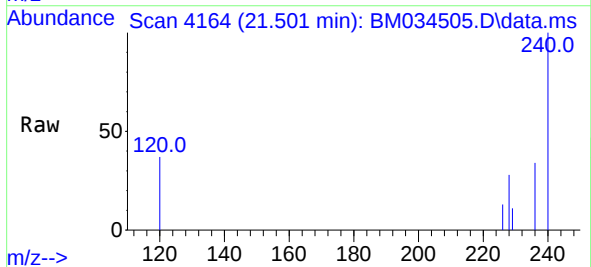
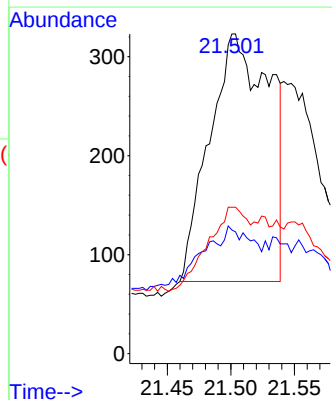
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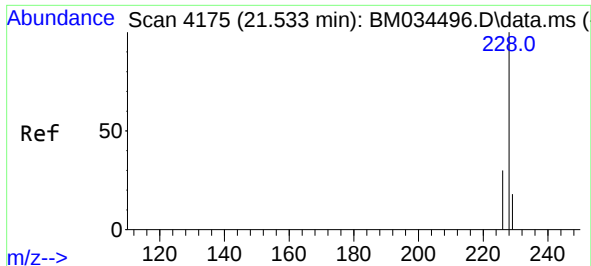
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#21
Benzo(a)anthracene
Concen: 0.079 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.021 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

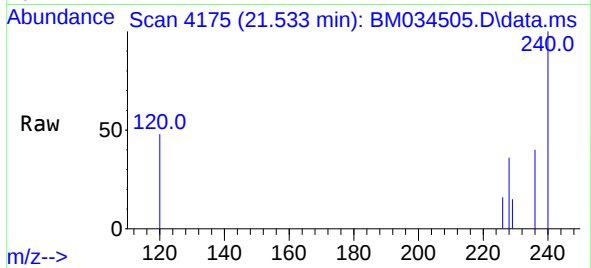
Tgt Ion:228 Resp: 816
Ion Ratio Lower Upper
228 100
229 38.7 17.3 25.9#
226 45.8 23.2 34.8#





#22
Chrysene
Concen: 0.037 ng/ul m
RT: 21.533 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

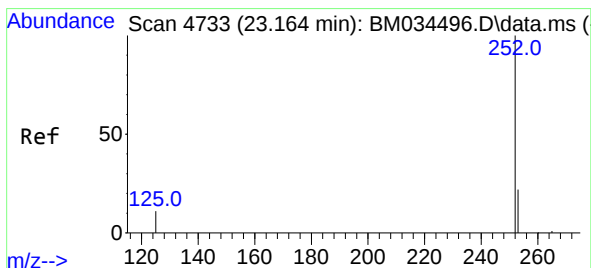
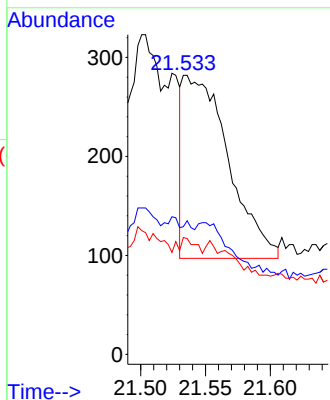
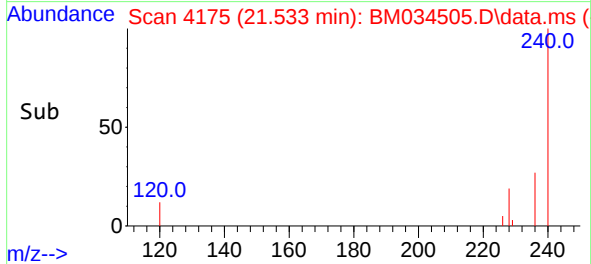
Instrument :
BNA_M
ClientSampleId :
COR30



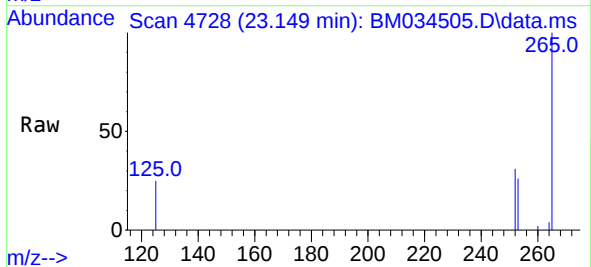
Tgt Ion:228 Resp: 450
Ion Ratio Lower Upper
228 100
226 45.7 25.8 38.8#
229 41.8 16.7 25.1#

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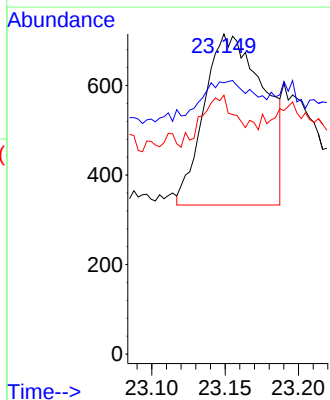
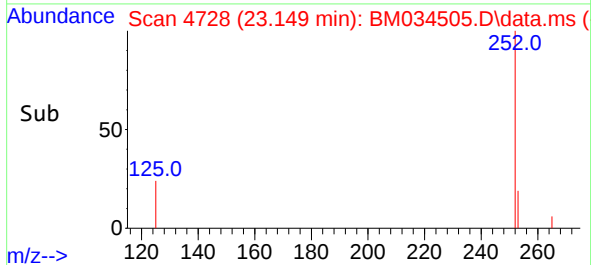
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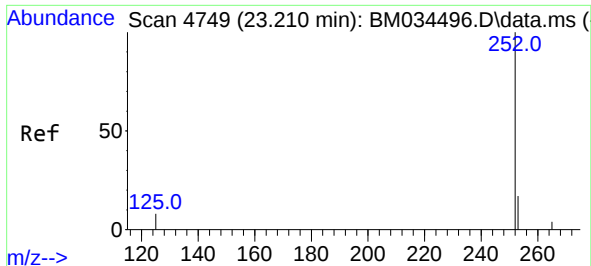


#24
Benzo(b)fluoranthene
Concen: 0.152 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46



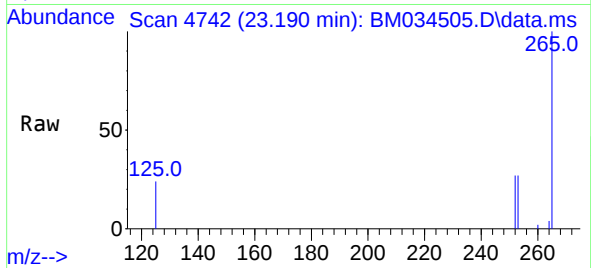
Tgt Ion:252 Resp: 1083
Ion Ratio Lower Upper
252 100
253 84.8 0.0 64.2#
125 80.8 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.190 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

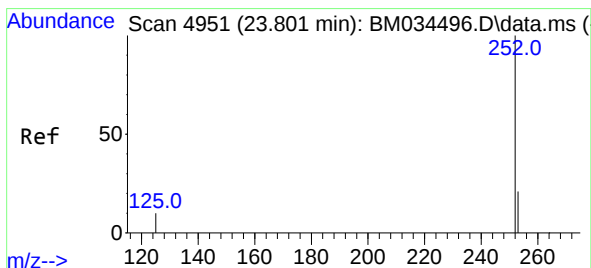
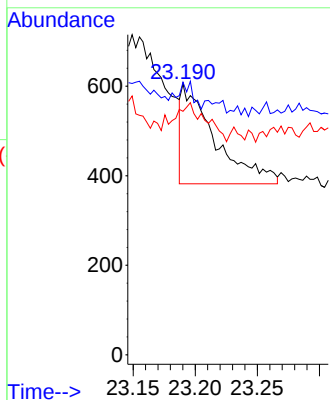
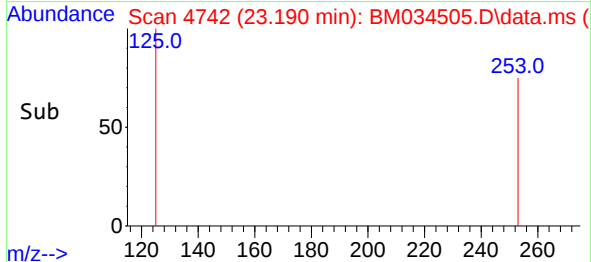
Instrument :
BNA_M
ClientSampleId :
COR30



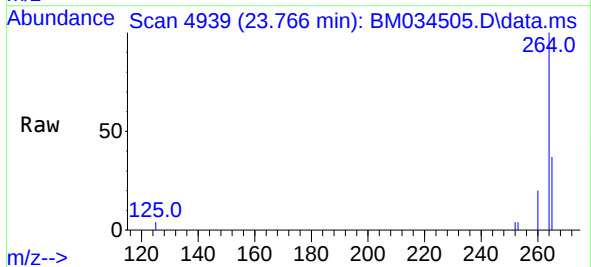
Tgt Ion:252 Resp: 41
Ion Ratio Lower Upper
252 100
253 100.7 26.8 40.2
125 89.9 12.0 18.0

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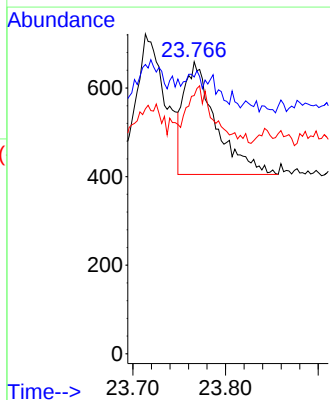
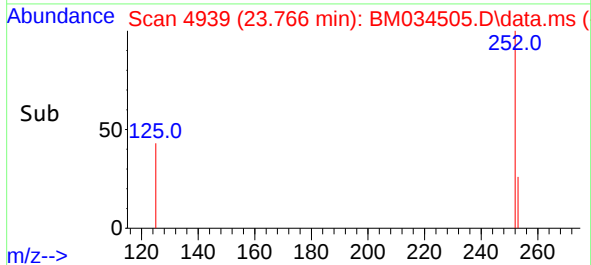
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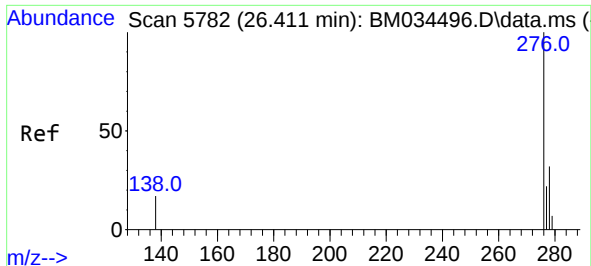


#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. -0.029 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46



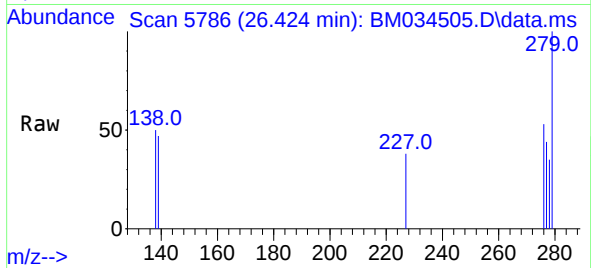
Tgt Ion:252 Resp: 611
Ion Ratio Lower Upper
252 100
253 94.8 32.0 48.0#
125 88.5 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul m
RT: 26.424 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46

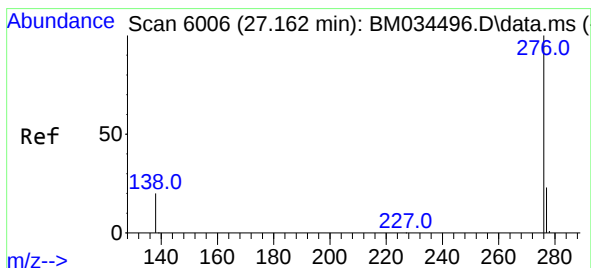
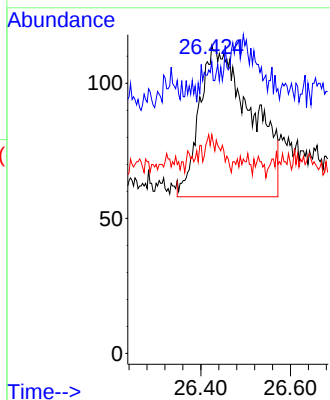
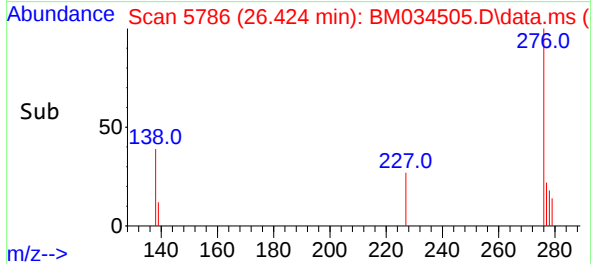
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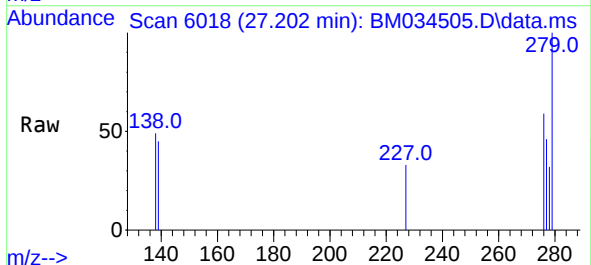
Tgt Ion:276 Resp: 440
Ion Ratio Lower Upper
276 100
138 5.4 15.8 23.6#
227 7.2 0.0 0.0#

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#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 27.202 min Scan# 6018
Delta R.T. 0.034 min
Lab File: BM034505.D
Acq: 05 Apr 2022 16:46



Tgt Ion:276 Resp: 405
Ion Ratio Lower Upper
276 100
138 82.8 17.4 26.0#
277 77.3 22.6 33.8#

