

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036435.D
 Acq On : 26 Aug 2022 21:31
 Operator : CG/JU
 Sample : N4320-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AX8

Quant Time: Aug 26 23:10:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

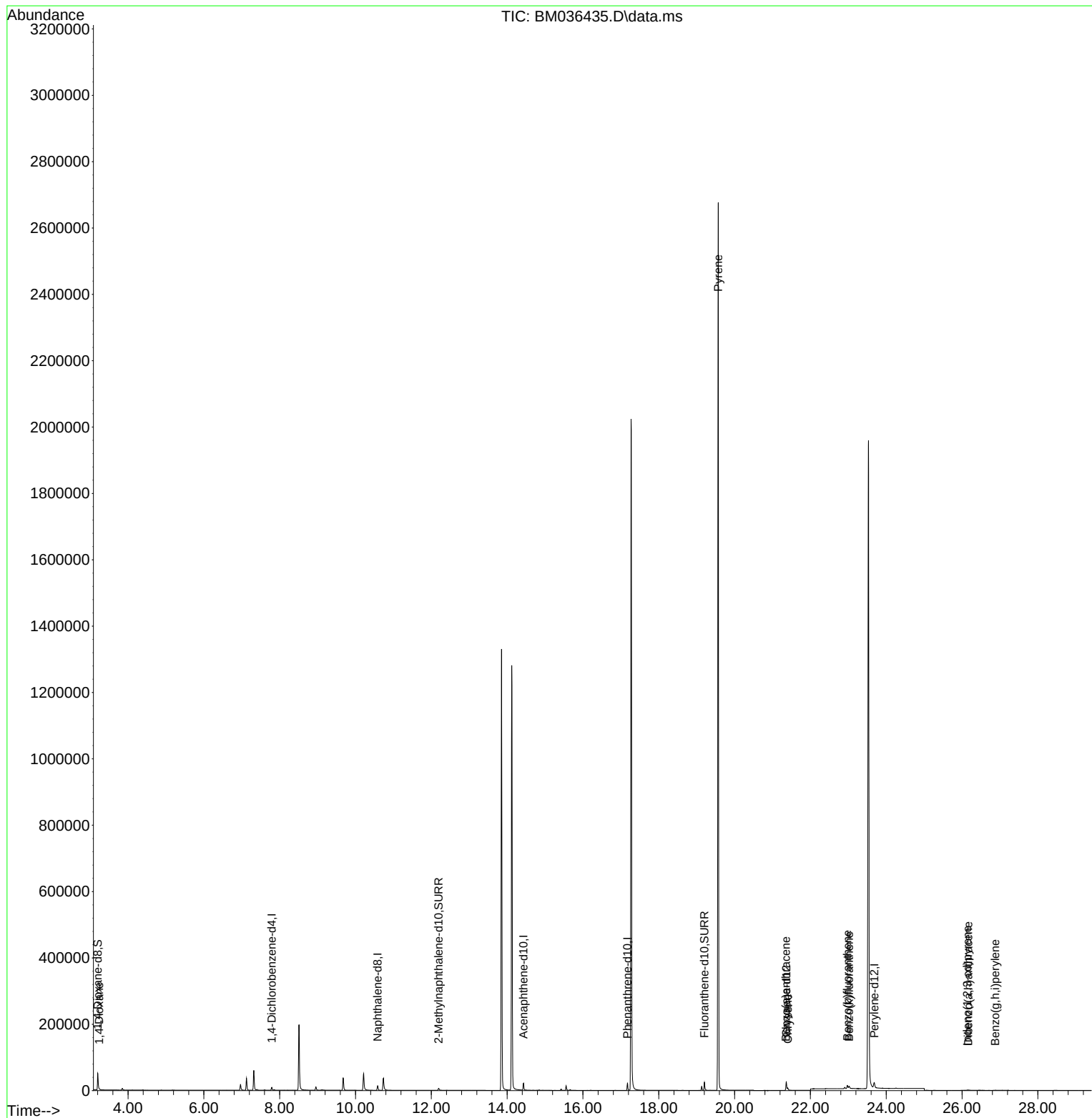
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4704	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	18922	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.432	164	11415	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.174	188	24430	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	25852	0.400	ng/ul	# 0.00
23) Perylene-d12	23.683	264	24800	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	33044	5.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	10914	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.205	212	27228	0.853	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	131	0.022	ng/ul#	60
20) Pyrene	19.568	202	4821	0.051	ng/ul#	1
21) Benzo(a)anthracene	21.354	228	3404	0.032	ng/ul	98
22) Chrysene	21.403	228	6926	0.047	ng/ul	99
24) Benzo(b)fluoranthene	22.976	252	13200	0.073	ng/ul	97
25) Benzo(k)fluoranthene	23.020	252	10954	0.060	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.142	276	2461	0.029	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.165	278	1613	0.022	ng/ul#	28
29) Benzo(g,h,i)perylene	26.876	276	1616	0.021	ng/ul#	60

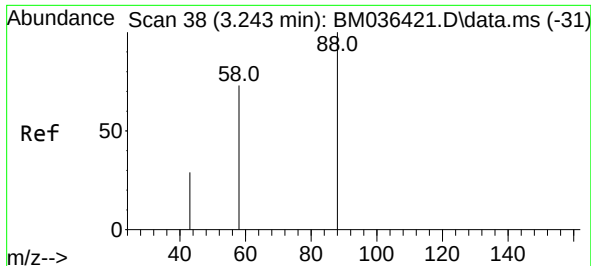
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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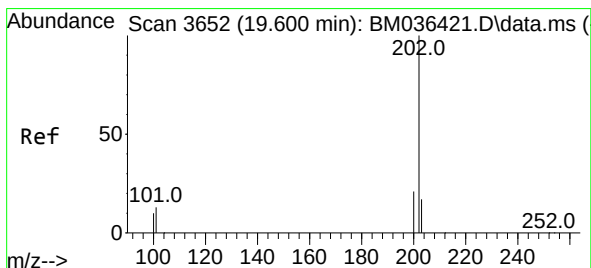
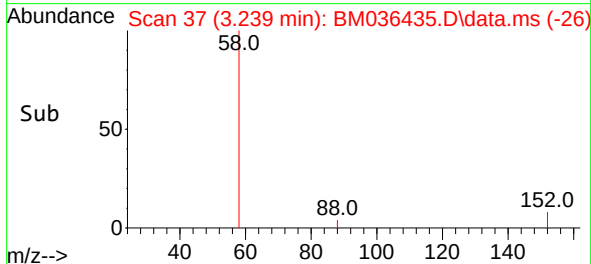
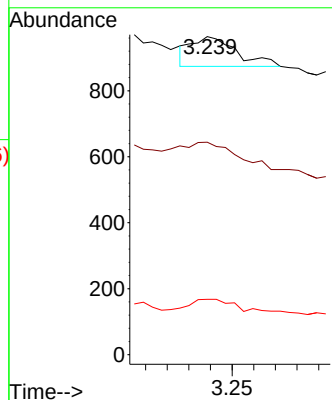
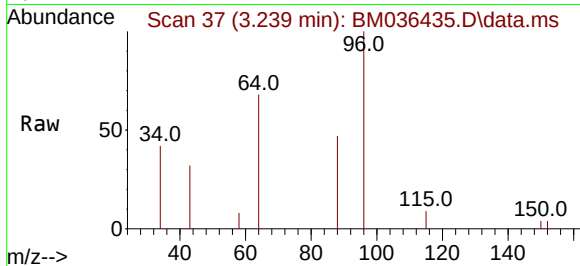




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

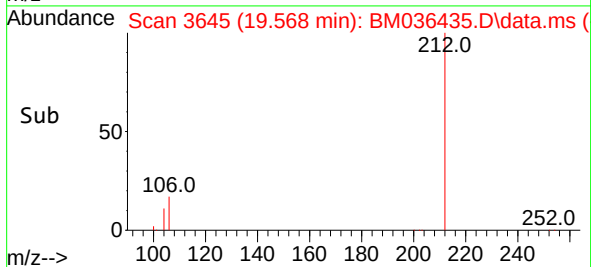
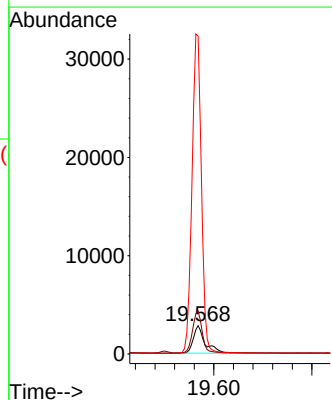
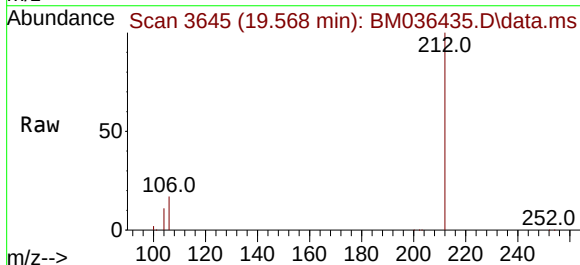
Instrument :
BNA_M
ClientSampleId :
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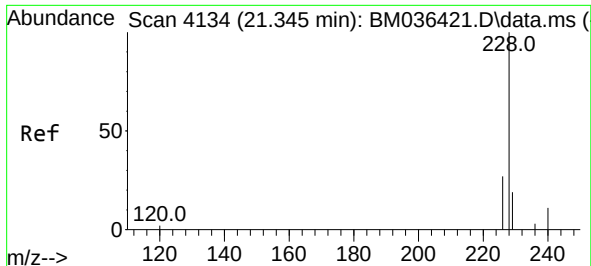
Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
43 66.8 37.8 56.6#
58 17.4 42.6 63.8#



#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.568 min Scan# 3645
Delta R.T. -0.032 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

Tgt Ion: 202 Resp: 4821
Ion Ratio Lower Upper
202 100
101 151.1 12.0 18.0#
100 1121.0 9.8 14.6#

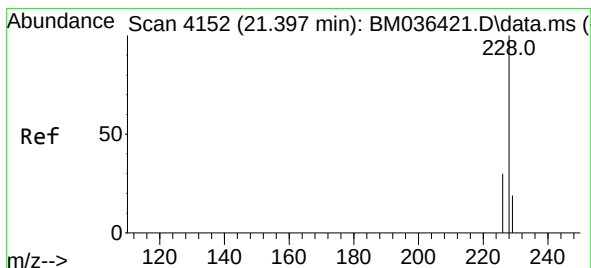
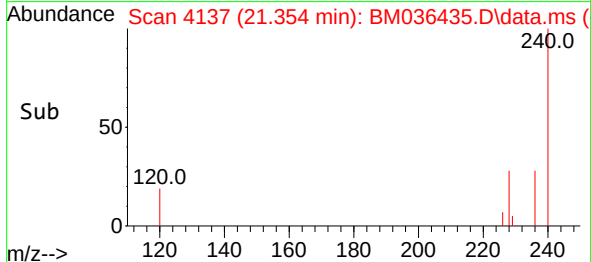
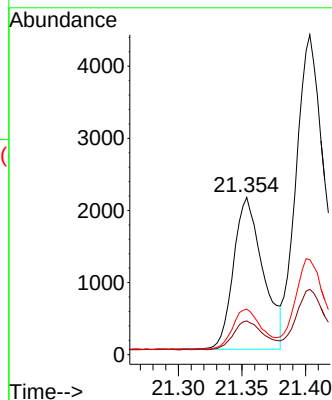
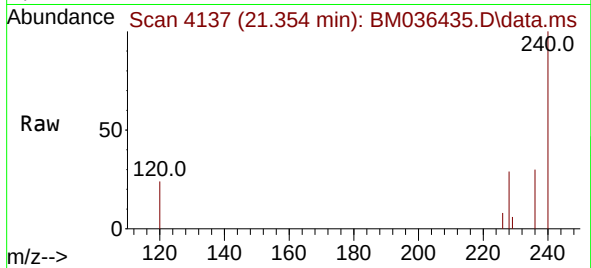




#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.354 min Scan# 4137
Delta R.T. 0.009 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

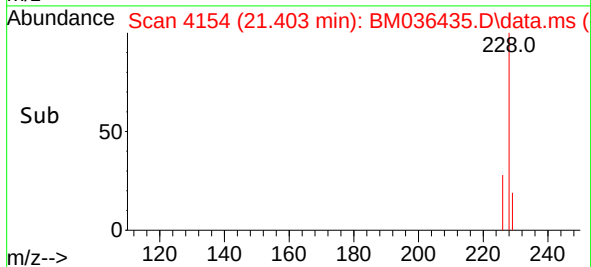
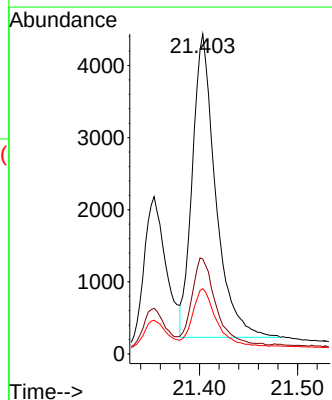
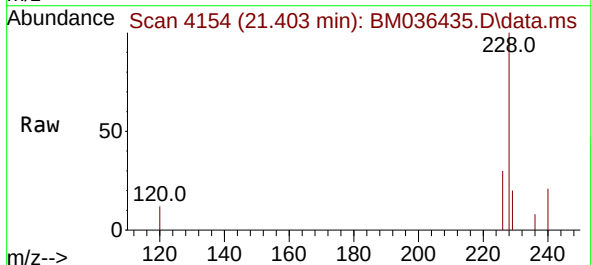
Instrument :
BNA_M
ClientSampleId :
C0AX8

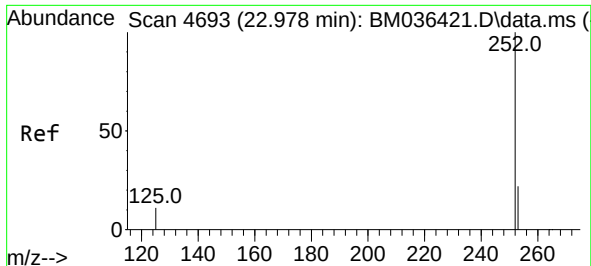
Tgt Ion:228 Resp: 3404
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.0 22.5 33.7



#22
Chrysene
Concen: 0.047 ng/ul
RT: 21.403 min Scan# 4154
Delta R.T. 0.006 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

Tgt Ion:228 Resp: 6926
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 20.4 16.4 24.6

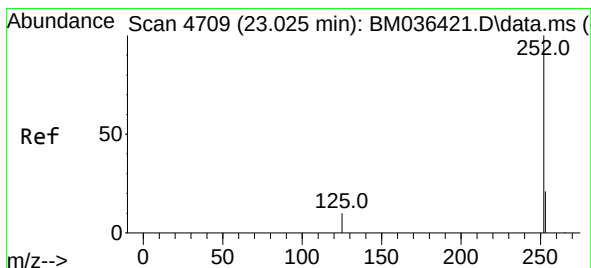
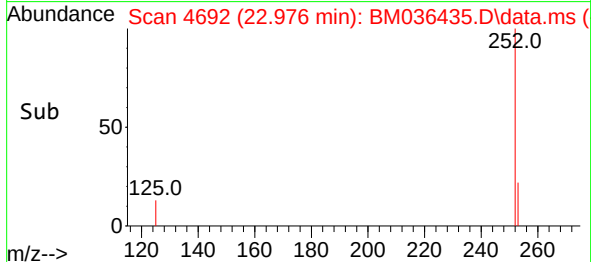
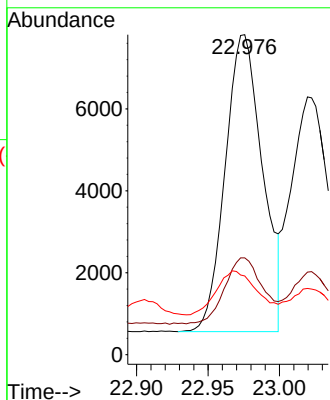
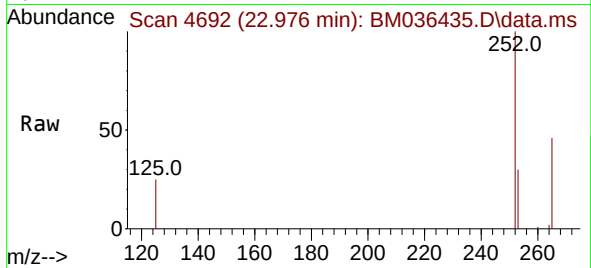




#24
Benzo(b)fluoranthene
Concen: 0.073 ng/ul
RT: 22.976 min Scan# 4692
Delta R.T. -0.003 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

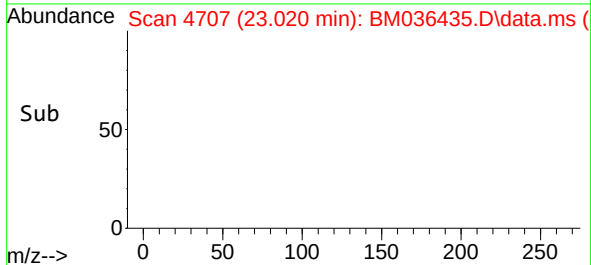
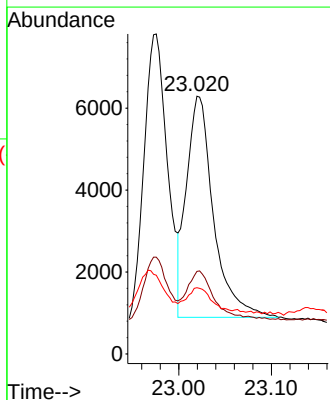
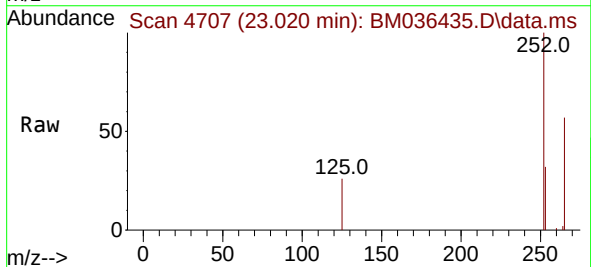
Instrument :
BNA_M
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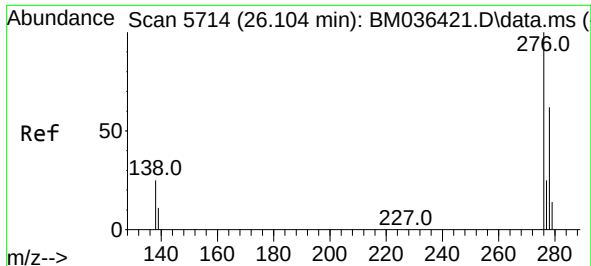
Tgt Ion:252	Resp:	13200
Ion Ratio	Lower	Upper
252	100	
253	30.2	0.0 61.4
125	24.6	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul
RT: 23.020 min Scan# 4707
Delta R.T. -0.006 min
Lab File: BM036435.D
Acq: 26 Aug 2022 21:31

Tgt Ion:252	Resp:	10954
Ion Ratio	Lower	Upper
252	100	
253	32.0	25.2 37.8
125	25.7	18.3 27.5

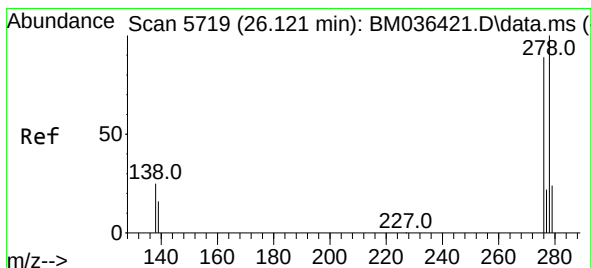
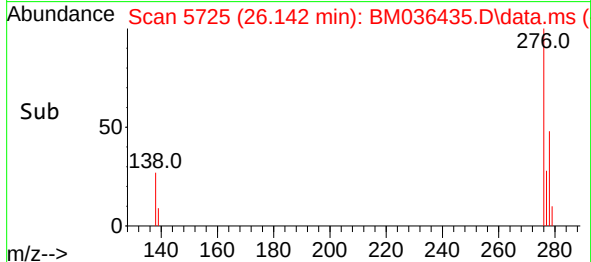
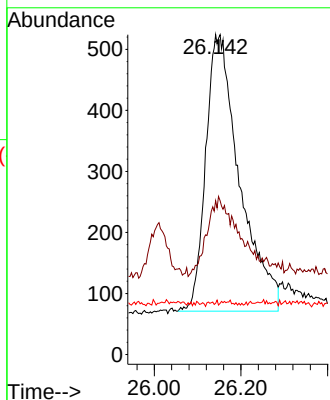
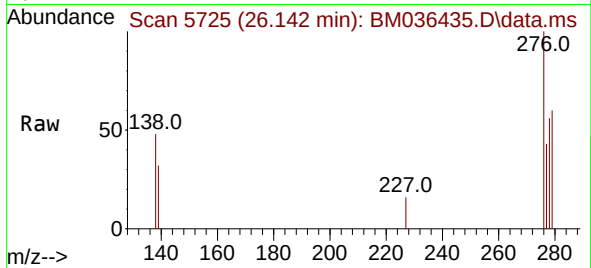




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng/ul
 RT: 26.142 min Scan# 51
 Delta R.T. 0.037 min
 Lab File: BM036435.D
 Acq: 26 Aug 2022 21:31

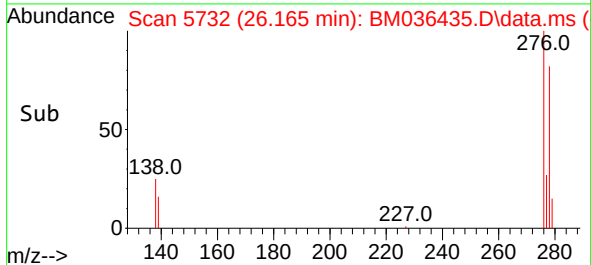
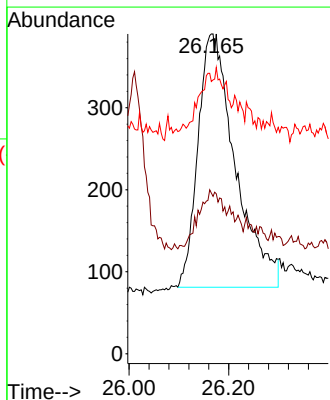
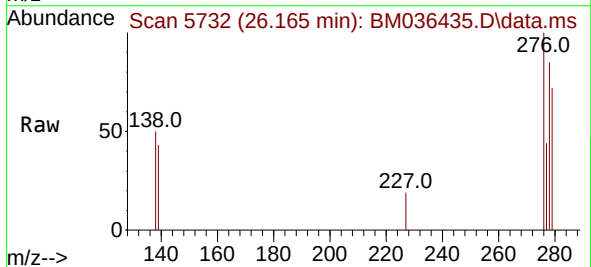
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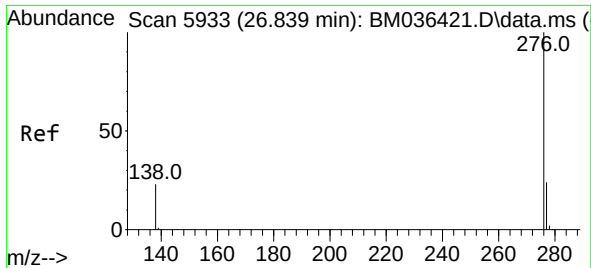
Tgt Ion: 276 Resp: 2461
 Ion Ratio Lower Upper
 276 100
 138 27.5 23.9 35.9
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 26.165 min Scan# 5732
 Delta R.T. 0.044 min
 Lab File: BM036435.D
 Acq: 26 Aug 2022 21:31

Tgt Ion: 278 Resp: 1613
 Ion Ratio Lower Upper
 278 100
 139 50.3 19.8 29.6#
 279 85.1 27.7 41.5#





#29

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.876 min Scan# 5944

Delta R.T. 0.037 min

Lab File: BM036435.D

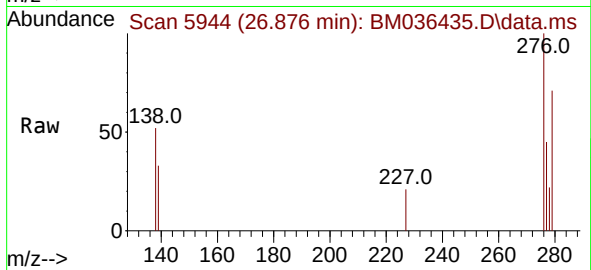
Acq: 26 Aug 2022 21:31

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:276 Resp: 1616

Ion Ratio Lower Upper

276 100

138 52.4 23.4 35.0#

277 45.1 21.0 31.4#

