

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039846.D
 Acq On : 05 May 2023 15:44
 Operator : CG/JU
 Sample : 02479-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW944

Quant Time: May 06 02:47:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 06 02:22:07 2023
 Response via : Initial Calibration

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

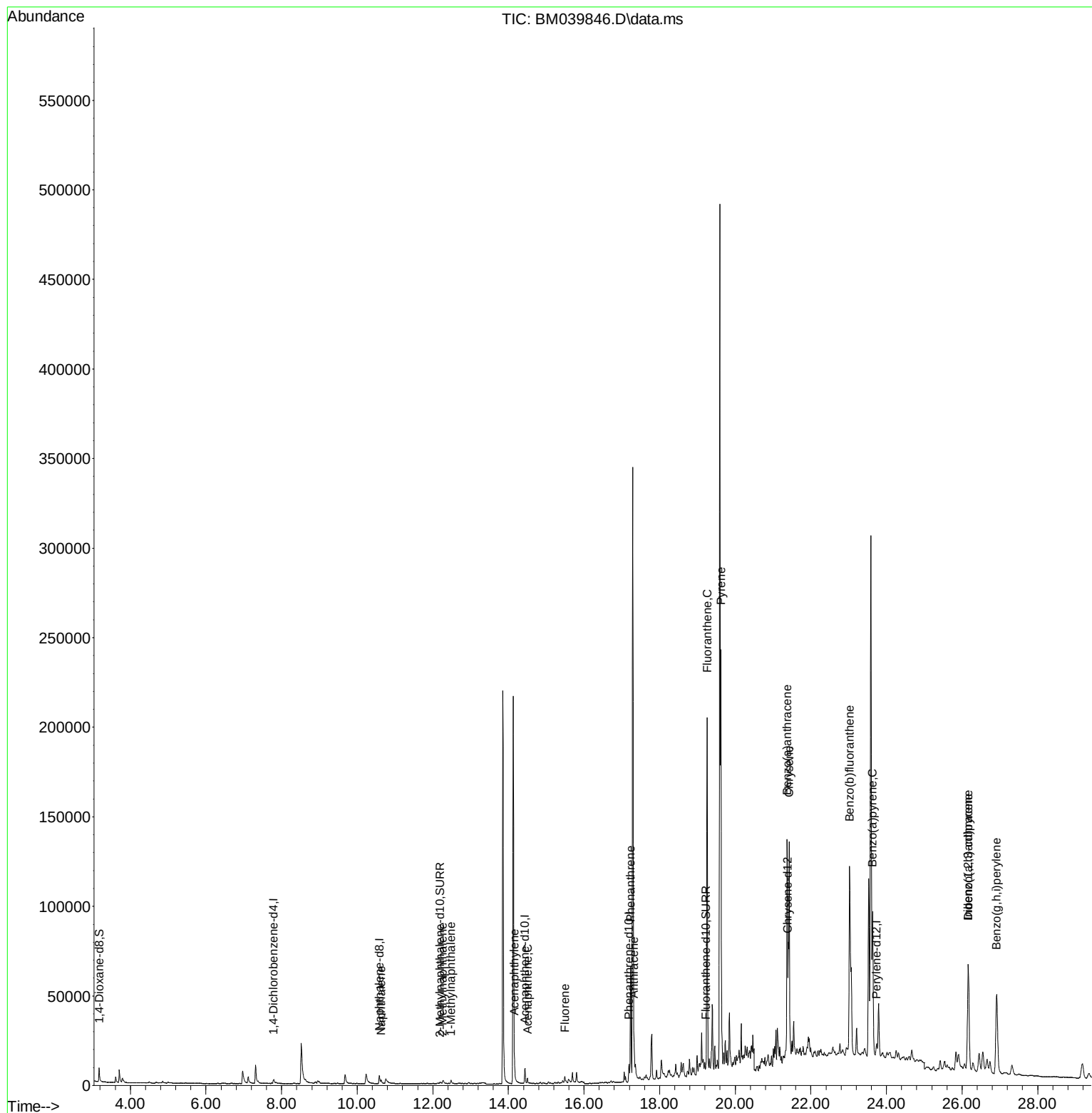
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	1794	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.584	136	7584	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.437	164	4718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13103	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.391	240	8915	0.400	ng/ul	#-0.01
23) Perylene-d12	23.741	264	9220	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	5331	2.016	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	1776	0.183	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	5763	0.240	ng/ul	-0.02
Target Compounds				Qvalue		
5) Naphthalene	10.634	128	3463	0.182	ng/ul#	92
7) 2-Methylnaphthalene	12.267	142	2139	0.195	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	1590	0.135	ng/ul	99
10) Acenaphthylene	14.159	152	6939	0.380	ng/ul	95
11) Acenaphthene	14.502	153	1881	0.131	ng/ul	97
12) Fluorene	15.492	166	2840	0.178	ng/ul#	95
15) Phenanthrene	17.234	178	72482	2.100	ng/ul	99
16) Anthracene	17.322	178	13562	0.458	ng/ul	97
19) Fluoranthene	19.257	202	171094	5.379	ng/ul	98
20) Pyrene	19.620	202	190205	5.538	ng/ul	99
21) Benzo(a)anthracene	21.373	228	102595	4.003	ng/ul#	90
22) Chrysene	21.426	228	140375	4.839	ng/ul#	92
24) Benzo(b)fluoranthene	23.024	252	191484	5.914	ng/ul	97
26) Benzo(a)pyrene	23.632	252	115419	3.970	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.164	276	99699	2.712	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.167	278	27300	0.957	ng/ul#	79
29) Benzo(g,h,i)perylene	26.919	276	103338	3.226	ng/ul	99

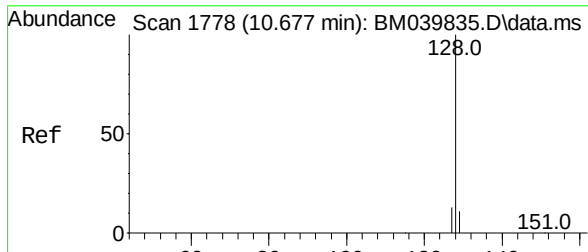
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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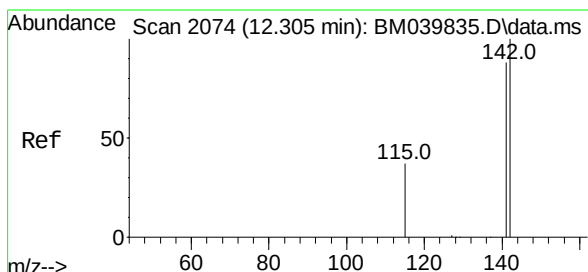
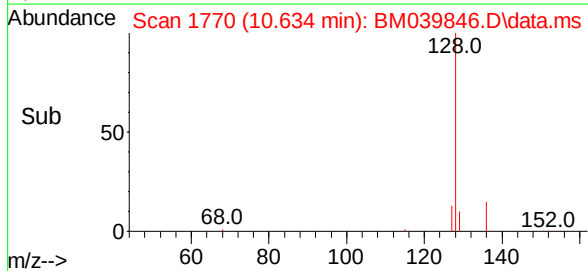
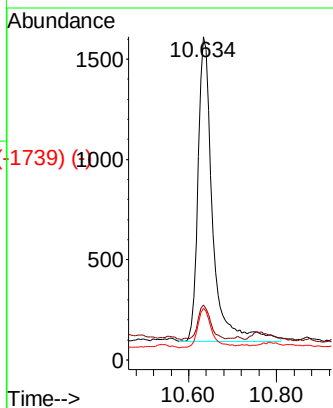
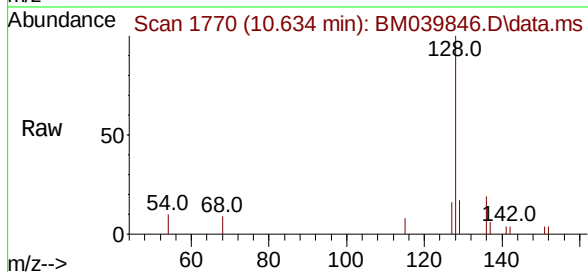




Naphthalene
 Concen: 0.182 ng/ul
 RT: 10.634 min Scan# 175
 Delta R.T. -0.027 min
 Lab File: BM039846.D
 Acq: 05 May 2023 15:44

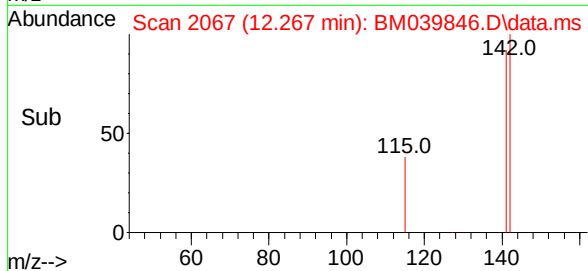
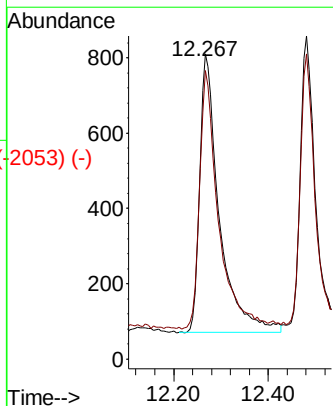
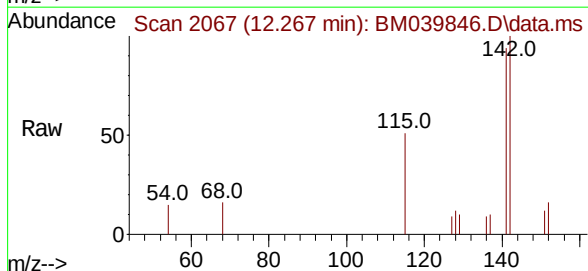
Instrument :
 BNA_M
 ClientSampleId :
 EW944

Tgt Ion:	128	Resp:	3463
Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.8	14.6#
127	15.9	11.1	16.7



2-Methylnaphthalene
 Concen: 0.195 ng/ul
 RT: 12.267 min Scan# 2067
 Delta R.T. -0.022 min
 Lab File: BM039846.D
 Acq: 05 May 2023 15:44

Tgt Ion:	142	Resp:	2139
Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



Abundance Scan 2110 (12.503 min): BM039835.D\data.ms (-2102) (-)

1-Methylnaphthalene

Concen: 0.135 ng/ul

RT: 12.481 min Scan# 2106

Delta R.T. -0.011 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Instrument :

BNA_M

ClientSampleId :

EW944

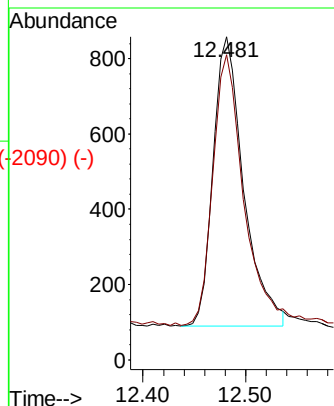
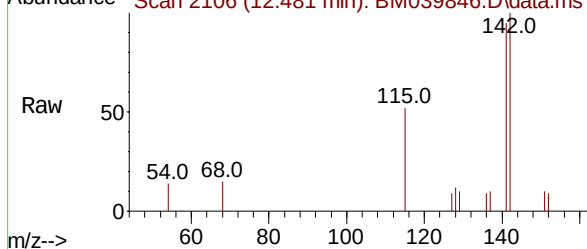
Tgt Ion:142 Resp: 1590

Ion Ratio Lower Upper

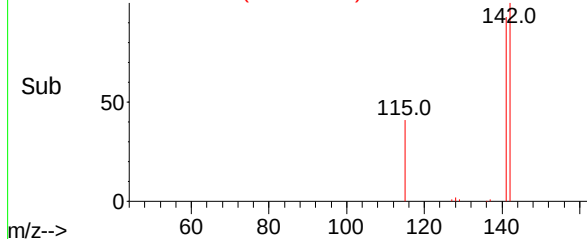
142 100

141 93.2 73.4 110.2

Abundance Scan 2106 (12.481 min): BM039846.D\data.ms



Abundance Scan 2106 (12.481 min): BM039846.D\data.ms (-2090) (-)



Abundance Scan 2441 (14.178 min): BM039835.D\data.ms (-2430) (-)

Acenaphthylene

Concen: 0.380 ng/ul

RT: 14.159 min Scan# 2437

Delta R.T. -0.014 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Tgt Ion:152 Resp: 6939

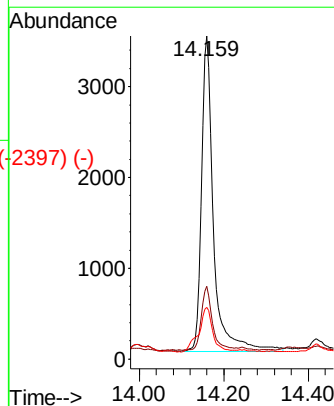
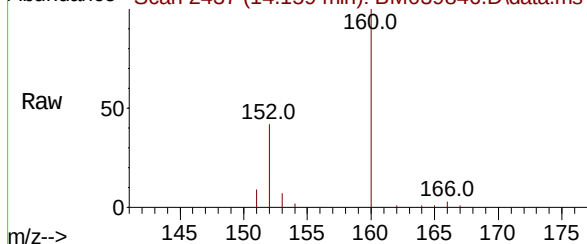
Ion Ratio Lower Upper

152 100

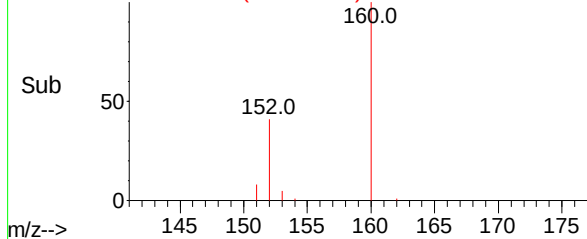
151 22.6 16.0 24.0

153 16.0 11.2 16.8

Abundance Scan 2437 (14.159 min): BM039846.D\data.ms



Abundance Scan 2437 (14.159 min): BM039846.D\data.ms (-2397) (-)



Abundance Scan 2513 (14.511 min): BM039835.D\data.ms (-2501) (-)

Acenaphthene

Concen: 0.131 ng/ul

RT: 14.502 min Scan# 2511

Delta R.T. -0.009 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Instrument :

BNA_M

ClientSampleId :

EW944

Tgt Ion:153 Resp: 1881

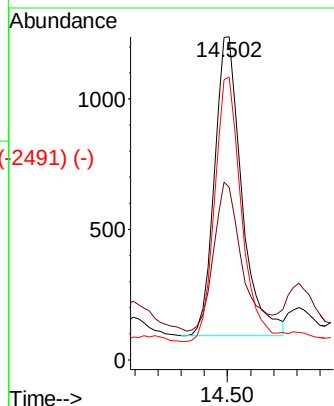
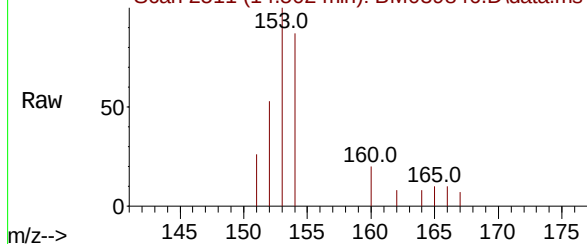
Ion Ratio Lower Upper

153 100

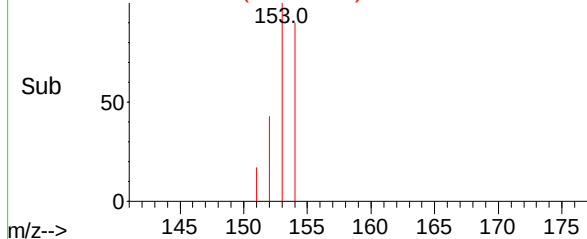
152 53.5 40.6 61.0

154 87.5 71.9 107.9

Abundance Scan 2511 (14.502 min): BM039846.D\data.ms



Abundance Scan 2511 (14.502 min): BM039846.D\data.ms (-2491) (-)



Abundance Scan 2732 (15.524 min): BM039835.D\data.ms (-2710) (-)

Fluorene

Concen: 0.178 ng/ul

RT: 15.492 min Scan# 2725

Delta R.T. -0.023 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Tgt Ion:166 Resp: 2840

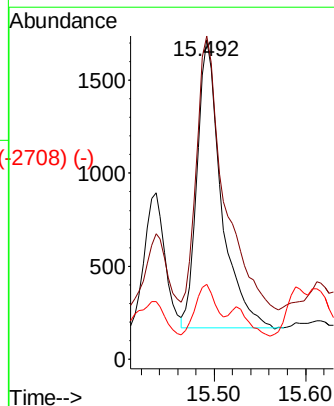
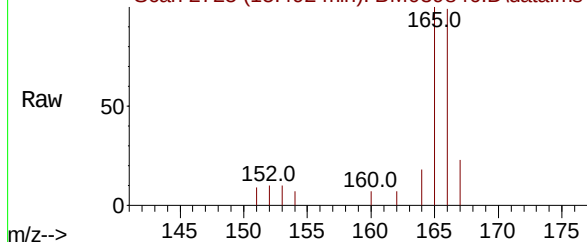
Ion Ratio Lower Upper

166 100

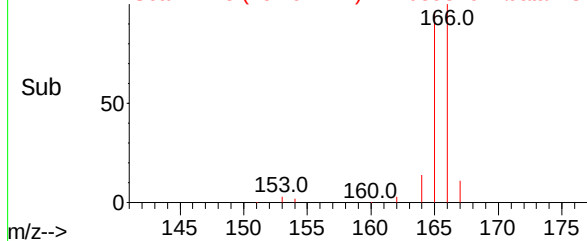
165 101.2 79.0 118.6

167 23.5 11.8 17.6#

Abundance Scan 2725 (15.492 min): BM039846.D\data.ms



Abundance Scan 2725 (15.492 min): BM039846.D\data.ms (-2708) (-)



Abundance Scan 3133 (17.259 min): BM039835.D\data.ms (-3115) (-)

Phenanthrene

Concen: 2.100 ng/ul

RT: 17.234 min Scan#

Delta R.T. -0.021 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Instrument :

BNA_M

ClientSampleId :

EW944

Tgt Ion:178 Resp: 72482

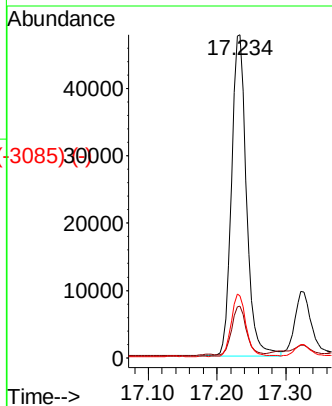
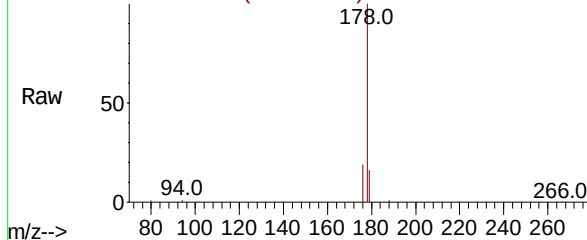
Ion Ratio Lower Upper

178 100

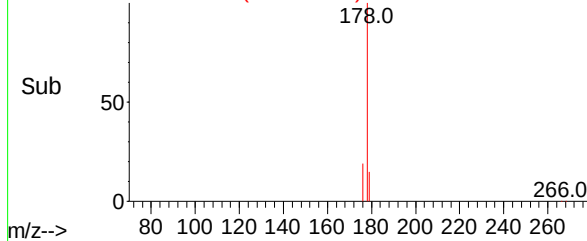
179 16.0 13.0 19.6

176 19.3 15.8 23.8

Abundance Scan 3127 (17.234 min): BM039846.D\data.ms



Abundance Scan 3127 (17.234 min): BM039846.D\data.ms (-3085) (-)



Abundance Scan 3158 (17.364 min): BM039835.D\data.ms (-3110) (-)

Anthracene

Concen: 0.458 ng/ul

RT: 17.322 min Scan# 3148

Delta R.T. -0.034 min

Lab File: BM039846.D

Acq: 05 May 2023 15:44

Tgt Ion:178 Resp: 13562

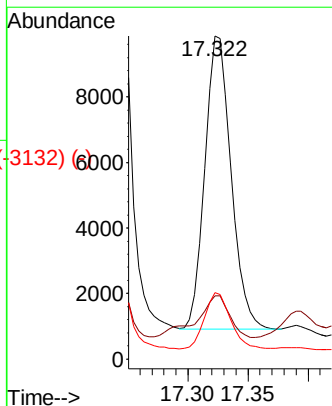
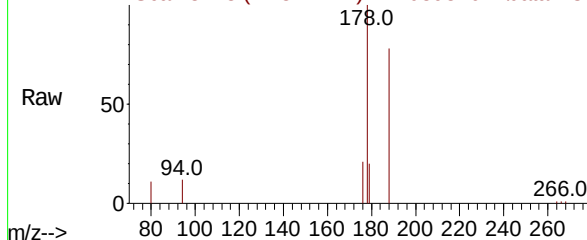
Ion Ratio Lower Upper

178 100

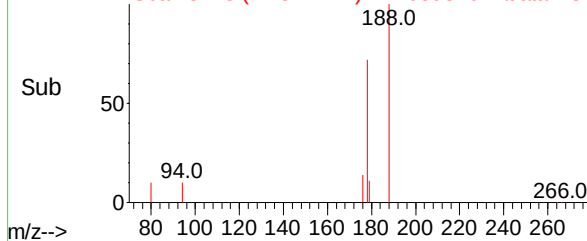
179 19.6 13.8 20.6

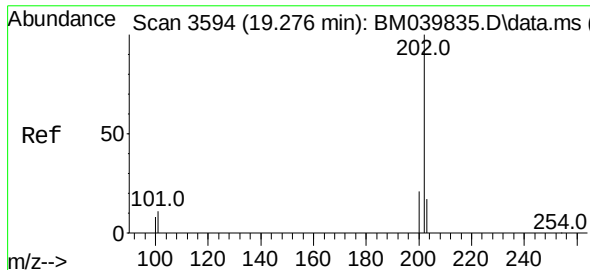
176 20.6 15.8 23.8

Abundance Scan 3148 (17.322 min): BM039846.D\data.ms



Abundance Scan 3148 (17.322 min): BM039846.D\data.ms (-3132) (-)

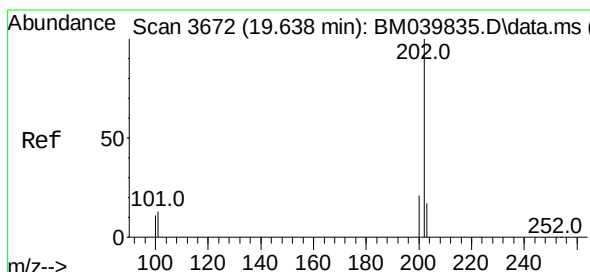
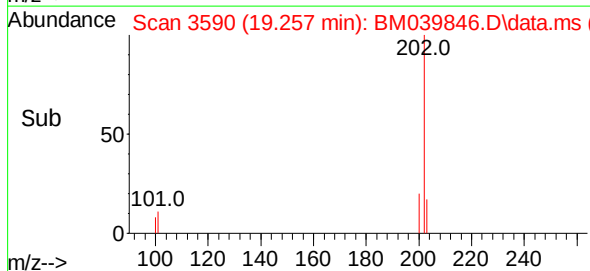
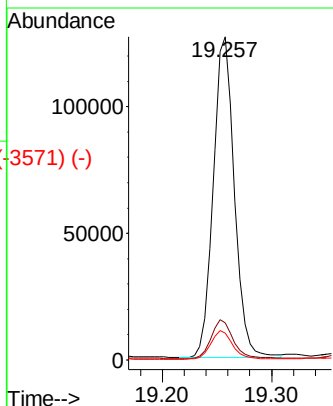
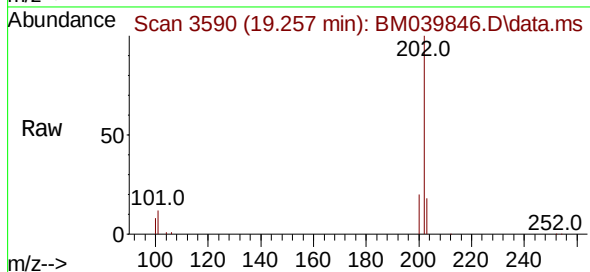




Fluoranthene
Concen: 5.379 ng/ul
RT: 19.257 min Scan# 3594
Delta R.T. -0.014 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

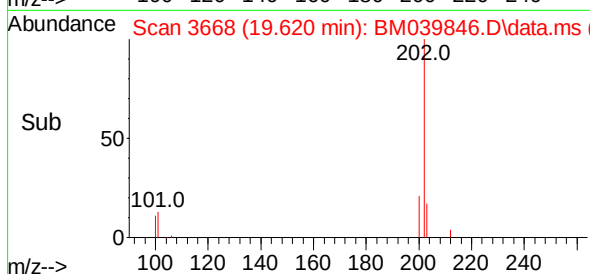
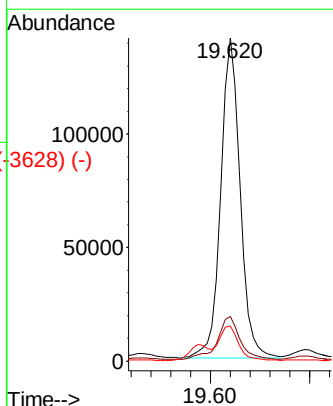
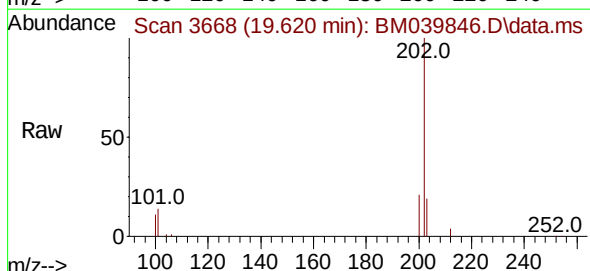
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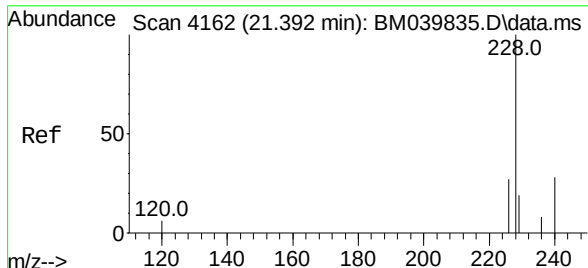
Tgt Ion:	202	Resp:	171094
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.3	7.3	10.9



Pyrene
Concen: 5.538 ng/ul
RT: 19.620 min Scan# 3668
Delta R.T. -0.014 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

Tgt Ion:	202	Resp:	190205
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	10.8	8.9	13.3

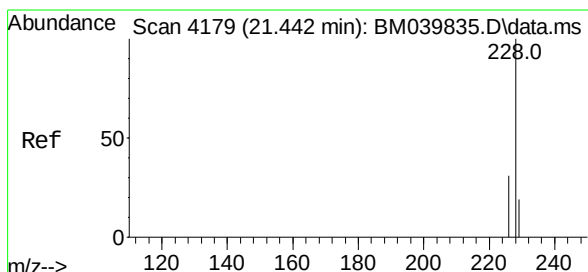
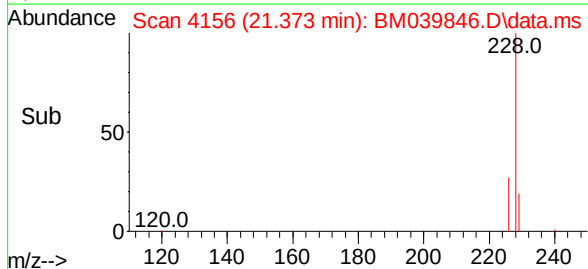
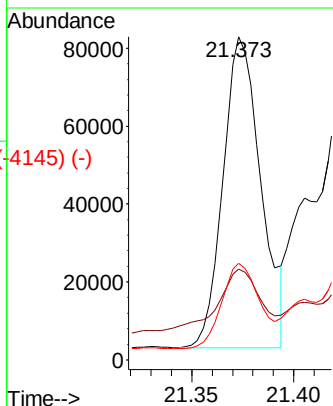
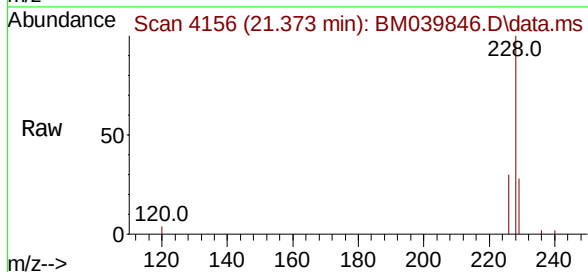




Scan 4162 (21.392 min): BM039835.D\data.ms (-4141) (-)
 Benzo(a)anthracene
 Concen: 4.003 ng/ul
 RT: 21.373 min Scan# 4162
 Delta R.T. -0.017 min
 Lab File: BM039846.D
 Acq: 05 May 2023 15:44

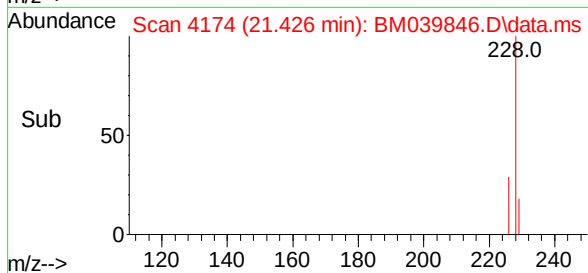
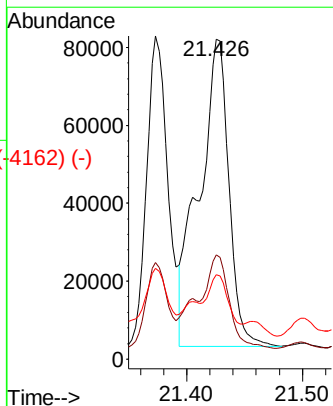
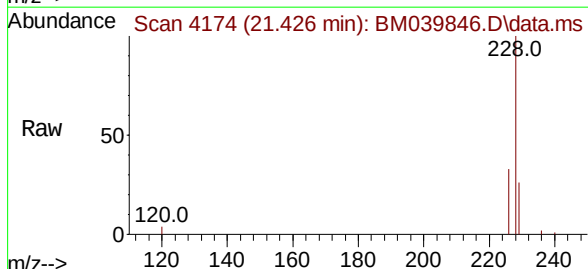
Instrument :
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Tgt Ion:	228	Resp:	102595
Ion	Ratio	Lower	Upper
228	100		
229	28.0	16.2	24.2#
226	29.9	21.6	32.4

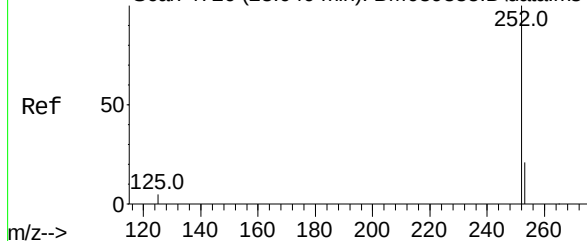


Scan 4179 (21.442 min): BM039835.D\data.ms (-4122) (-)
 Chrysene
 Concen: 4.839 ng/ul
 RT: 21.426 min Scan# 4174
 Delta R.T. -0.014 min
 Lab File: BM039846.D
 Acq: 05 May 2023 15:44

Tgt Ion:	228	Resp:	140375
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	26.4	15.9	23.9#



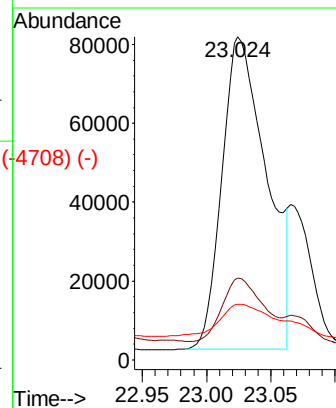
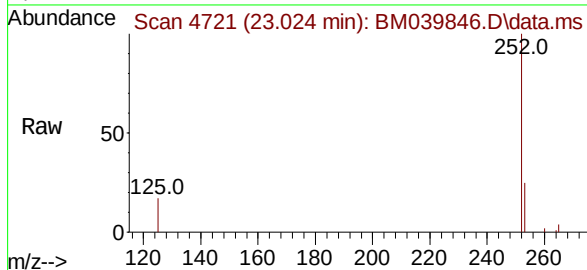
Abundance Scan 4726 (23.040 min): BM039835.D\data.ms (-4726) (-)



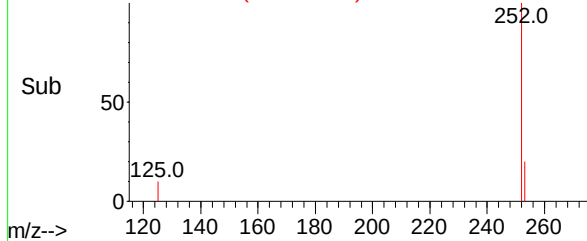
Benzo(b)fluoranthene
Concen: 5.914 ng/ul
RT: 23.024 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

Instrument :
BNA_M
ClientSampleId :
EW944

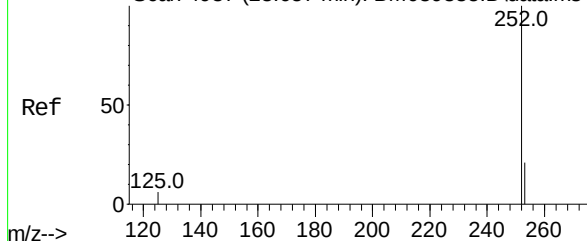
Tgt Ion:252 Resp: 191484
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.8
125 17.3 0.0 31.6



Abundance Scan 4721 (23.024 min): BM039846.D\data.ms (-4708) (-)

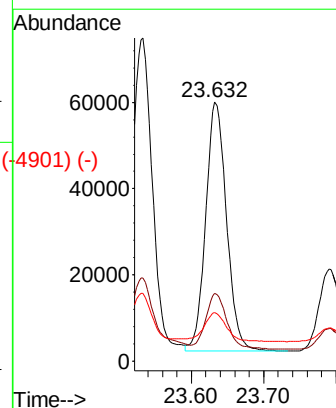
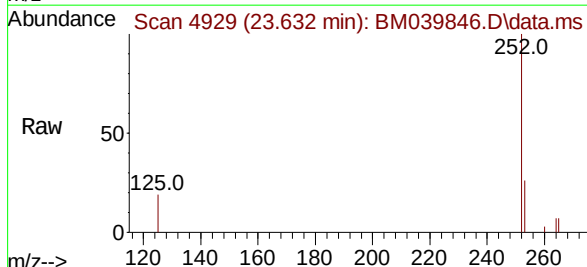


Abundance Scan 4937 (23.657 min): BM039835.D\data.ms (-4926) (-)

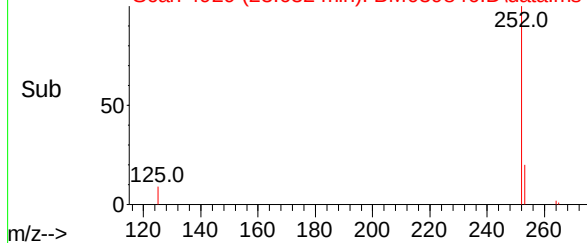


Benzo(a)pyrene
Concen: 3.970 ng/ul
RT: 23.632 min Scan# 4929
Delta R.T. -0.017 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

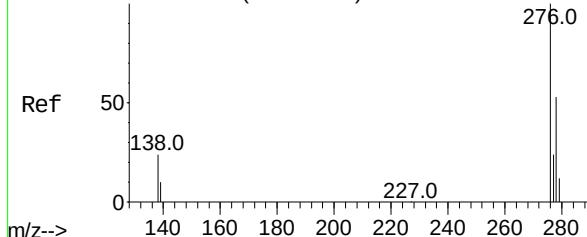
Tgt Ion:252 Resp: 115419
Ion Ratio Lower Upper
252 100
253 26.1 24.7 37.1
125 18.6 16.5 24.7



Abundance Scan 4929 (23.632 min): BM039846.D\data.ms (-4901) (-)



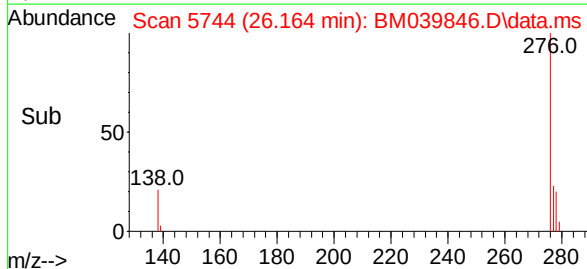
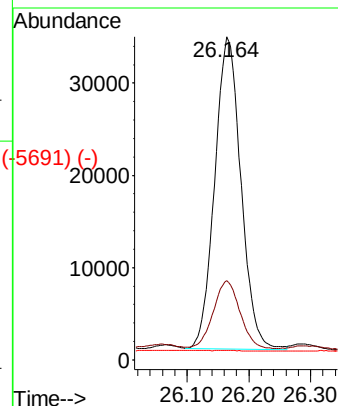
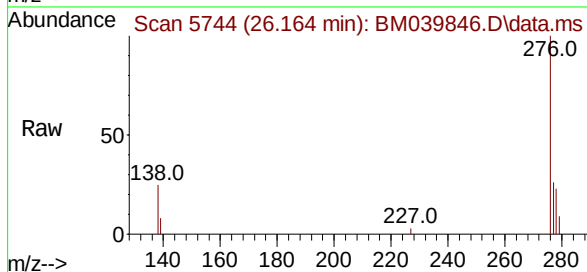
Abundance Scan 5752 (26.192 min): BM039835.D\data.ms (-5728) (-)



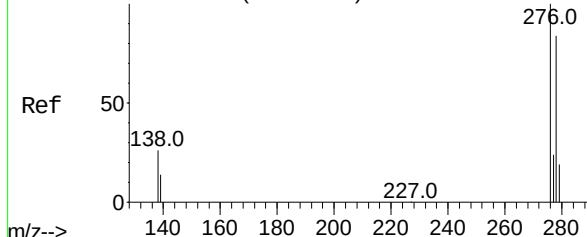
Indeno(1,2,3-cd)pyrene
Concen: 2.712 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.023 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

Instrument :
BNA_M
ClientSampleId :
EW944

Tgt Ion:	276	Resp:	99699
Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.1	31.7
227	0.2	0.1	0.1#

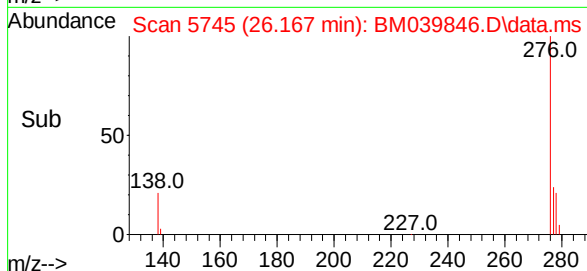
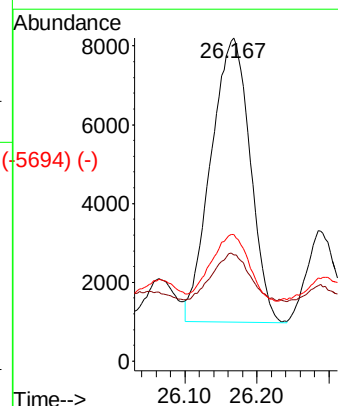
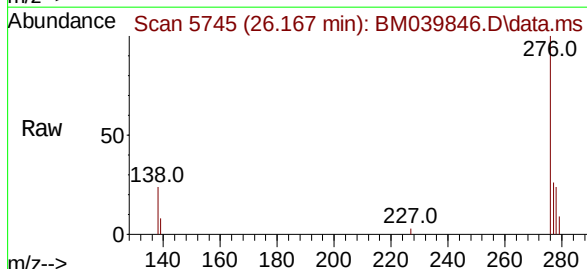


Abundance Scan 5758 (26.213 min): BM039835.D\data.ms (-5728) (-)

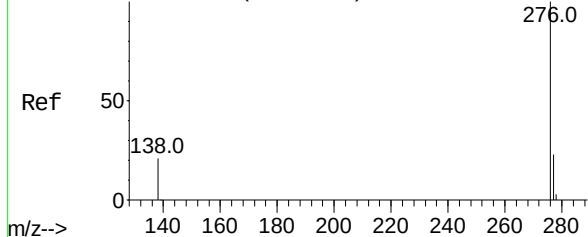


Dibenzo(a,h)anthracene
Concen: 0.957 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.030 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

Tgt Ion:	278	Resp:	27300
Ion	Ratio	Lower	Upper
278	100		
139	32.9	17.0	25.6#
279	39.2	23.4	35.2#

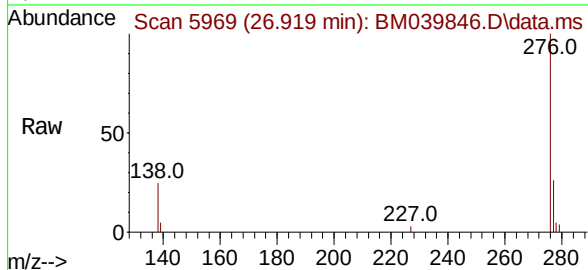


Abundance Scan 5977 (26.947 min): BM039835.D\data.ms (-5977) (-)



Benzo(g,h,i)perylene
Concen: 3.226 ng/ul
RT: 26.919 min Scan# 5969
Delta R.T. -0.013 min
Lab File: BM039846.D
Acq: 05 May 2023 15:44

Instrument :
BNA_M
ClientSampleId :
EW944



Tgt Ion:	276	Resp:	103338
Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.1	30.1
277	25.7	20.1	30.1

