

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031604.D
 Acq On : 09 Aug 2021 15:32
 Operator : CG/JU
 Sample : M3244-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCE01

Quant Time: Aug 09 16:27:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 10:16:43 2021
 Response via : Initial Calibration

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

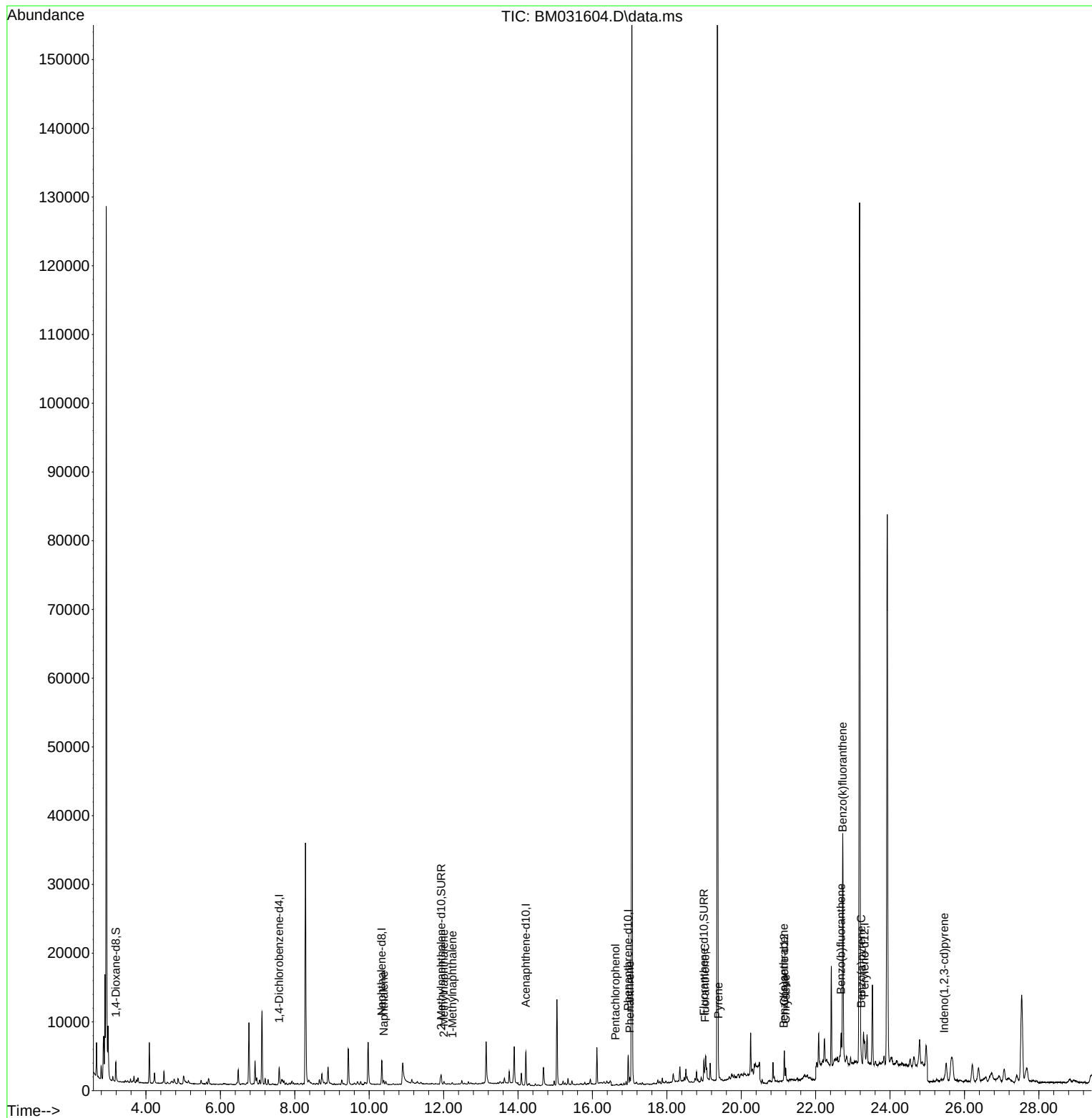
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1180	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	4475	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.212	164	2665	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.960	188	5150	0.400	ng/ul #	0.00
17) Chrysene-d12	21.158	240	4006	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	3747	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1838	1.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	1737	0.230	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3292	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.387	128	758	0.057	ng/ul#	77
7) 2-Methylnaphthalene	12.010	142	310	0.034	ng/ul	94
8) 1-Methylnaphthalene	12.235	142	192	0.021	ng/ul	95
14) Pentachlorophenol	16.620	266	44	0.027	ng/ul	89
15) Phenanthrene	17.002	178	1048	0.064	ng/ul#	78
19) Fluoranthene	19.027	202	1443	0.084	ng/ul#	32
20) Pyrene	19.389	202	1135	0.065	ng/ul#	26
21) Benzo(a)anthracene	21.142	228	558	0.034	ng/ul#	45
22) Chrysene	21.195	228	1714	0.102	ng/ul#	84
24) Benzo(b)fluoranthene	22.677	252	1299	0.077	ng/ul#	1
25) Benzo(k)fluoranthene	22.723	252	683	0.039	ng/ul#	1
26) Benzo(a)pyrene	23.222	252	484	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.456	276	541	0.028	ng/ul#	57

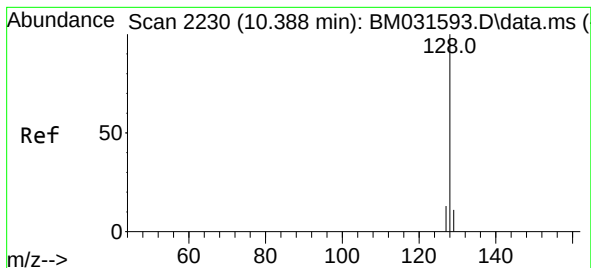
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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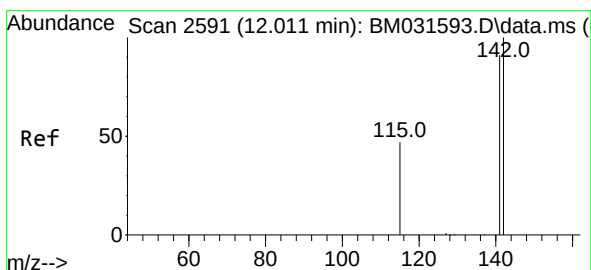
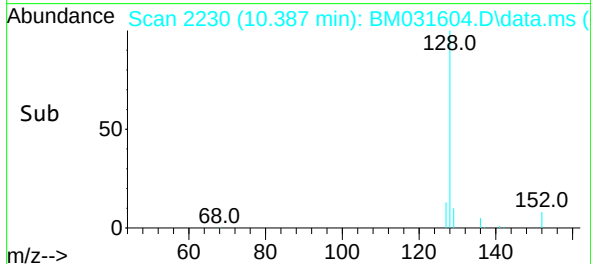
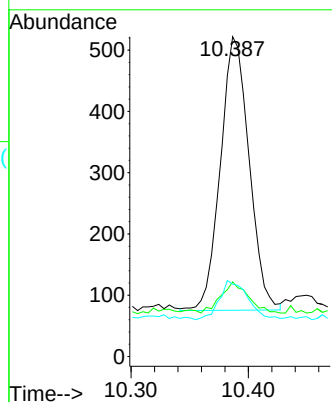
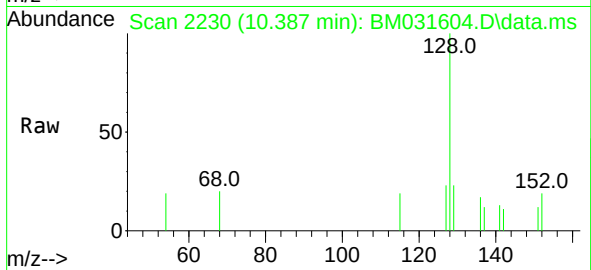




#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.387 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

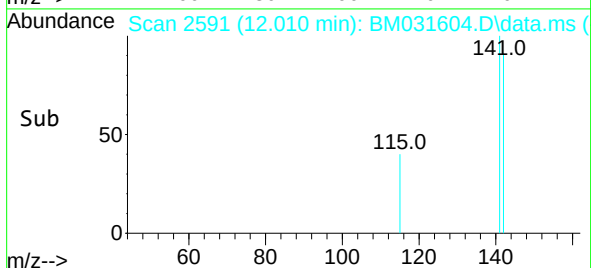
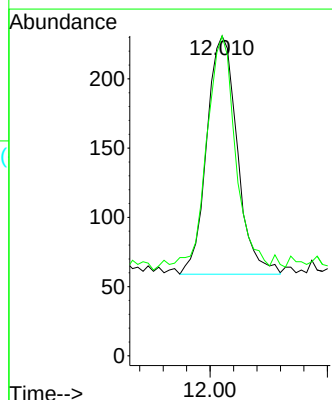
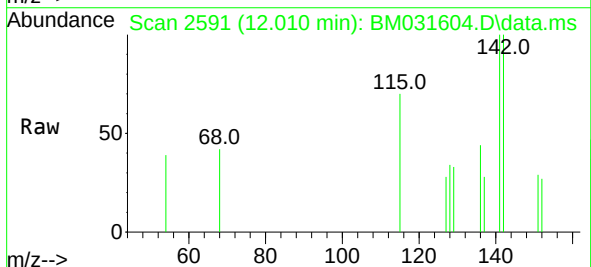
Instrument :
BNA_M
ClientSampled :
JCE01

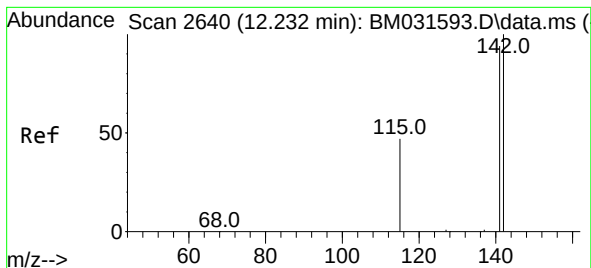
Tgt Ion:128 Resp: 758
Ion Ratio Lower Upper
128 100
129 23.4 10.0 15.0#
127 22.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.010 min Scan# 2591
Delta R.T. -0.001 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

Tgt Ion:142 Resp: 310
Ion Ratio Lower Upper
142 100
141 94.5 71.4 107.0

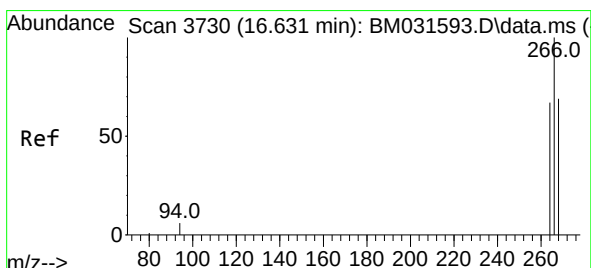
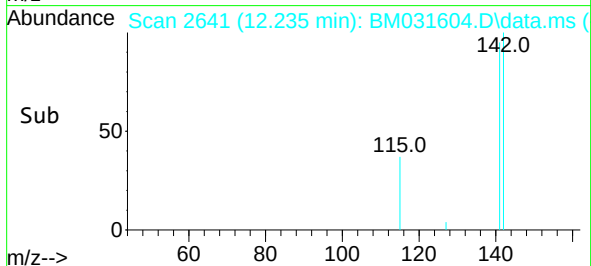
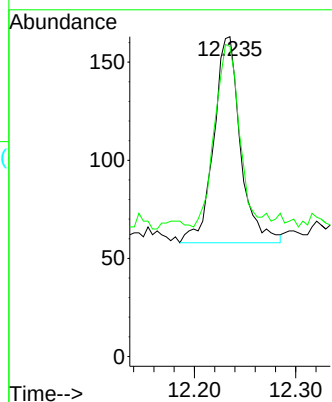
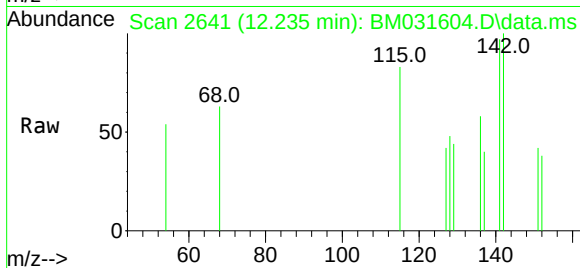




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.235 min Scan# 2641
Delta R.T. 0.003 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

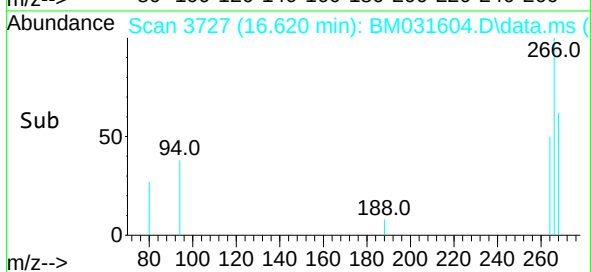
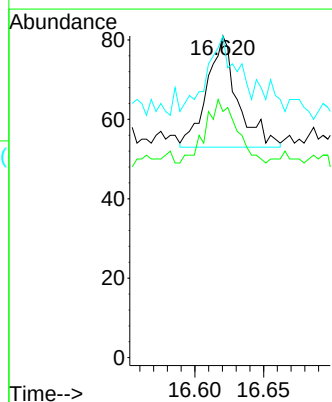
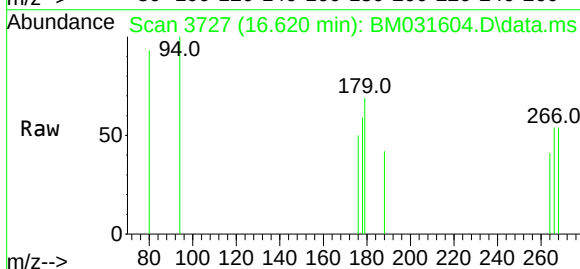
Instrument :
BNA_M
ClientSampled :
JCE01

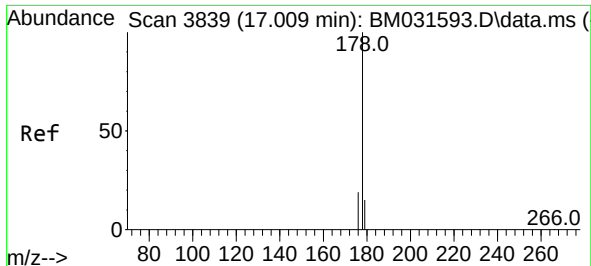
Tgt Ion:142 Resp: 192
Ion Ratio Lower Upper
142 100
141 87.5 74.1 111.1



#14
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 16.620 min Scan# 3727
Delta R.T. -0.011 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

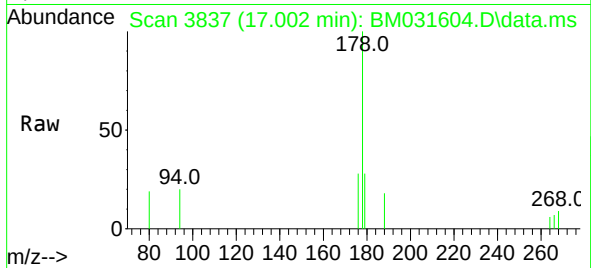
Tgt Ion:266 Resp: 44
Ion Ratio Lower Upper
266 100
264 56.8 50.1 75.1
268 52.3 51.3 76.9



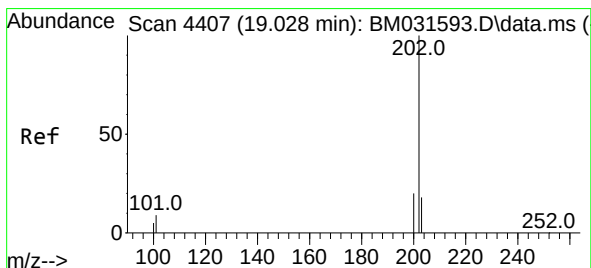
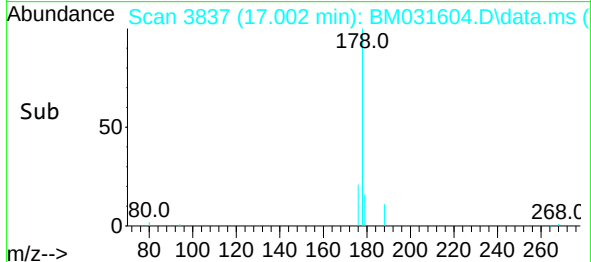
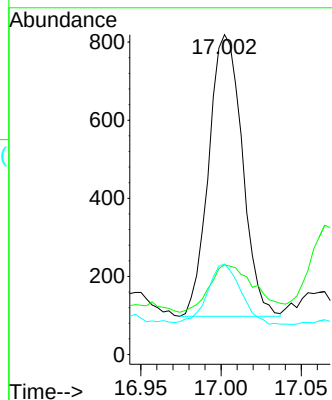


#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

Instrument :
BNA_M
ClientSampled :
JCE01

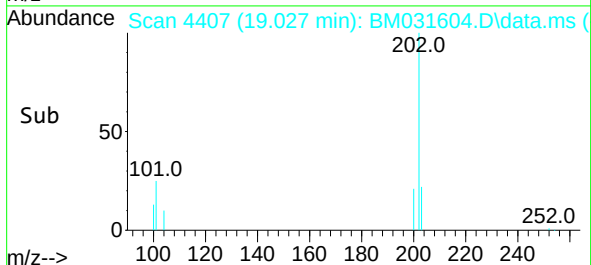
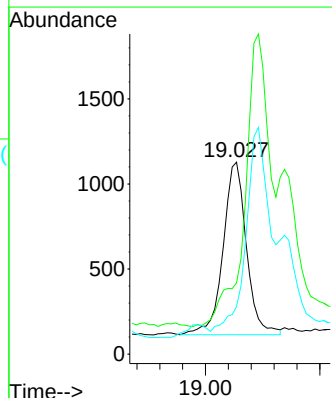
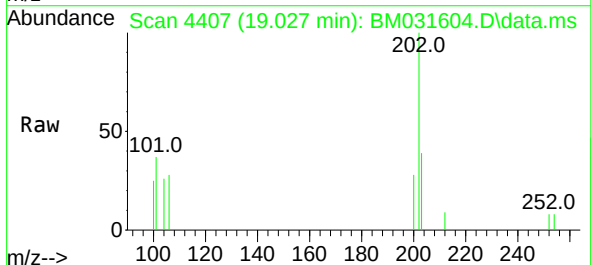


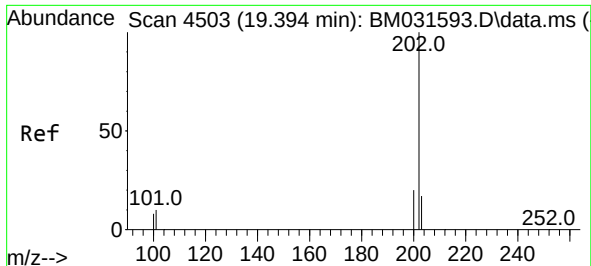
Tgt Ion:178 Resp: 1048
Ion Ratio Lower Upper
178 100
179 28.1 13.3 19.9#
176 28.3 16.2 24.4#



#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

Tgt Ion:202 Resp: 1443
Ion Ratio Lower Upper
202 100
101 37.1 6.6 10.0#
100 24.7 5.4 8.0#

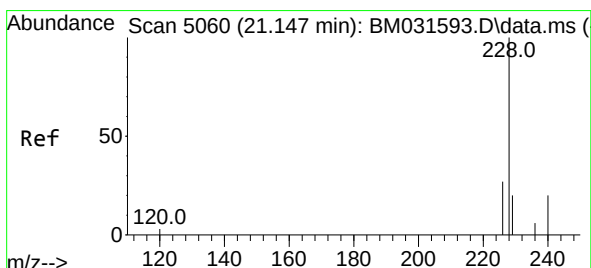
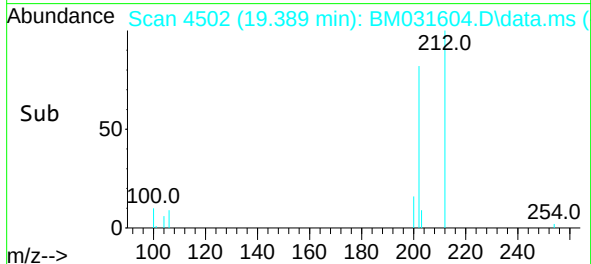
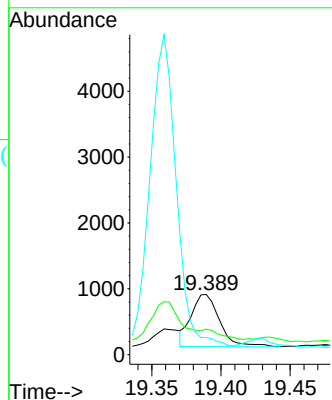
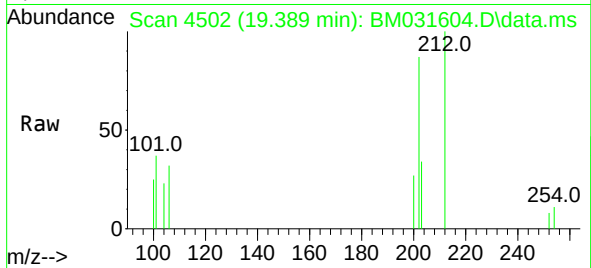




#20
Pyrene
Concen: 0.065 ng/ul
RT: 19.389 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

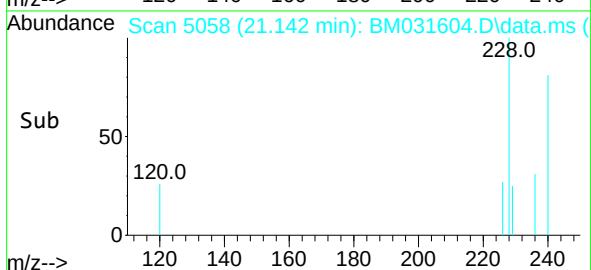
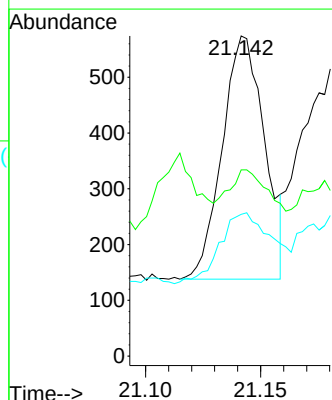
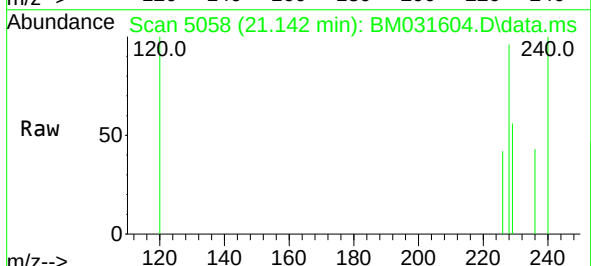
Instrument :
BNA_M
ClientSampled :
JCE01

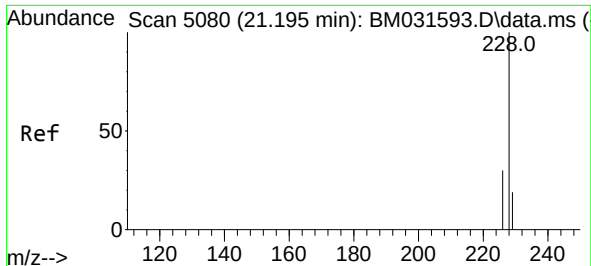
Tgt Ion:202 Resp: 1135
Ion Ratio Lower Upper
202 100
101 42.6 7.8 11.6#
100 28.4 6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

Tgt Ion:228 Resp: 558
Ion Ratio Lower Upper
228 100
229 58.2 15.6 23.4#
226 44.3 21.7 32.5#

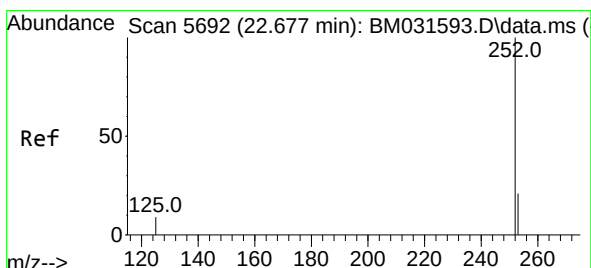
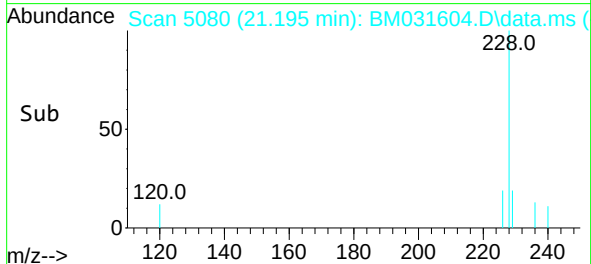
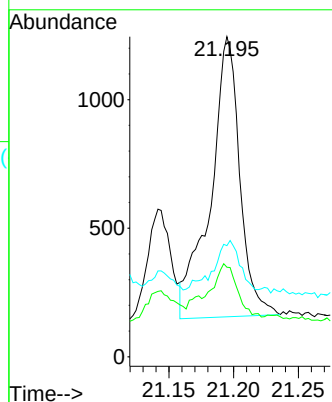
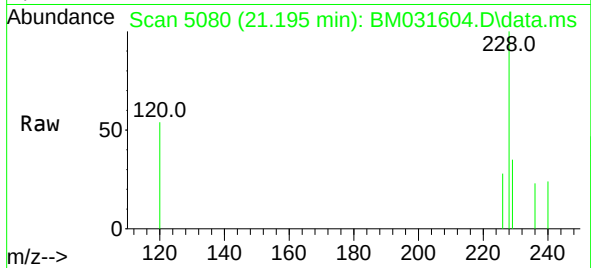




#22
Chrysene
Concen: 0.102 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

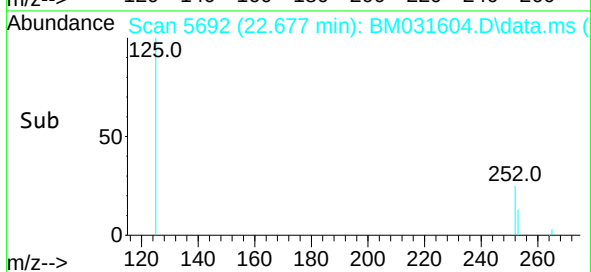
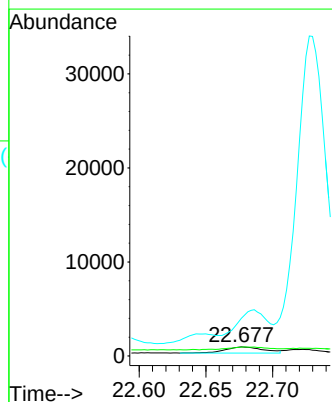
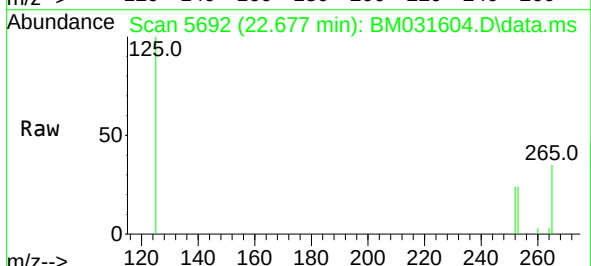
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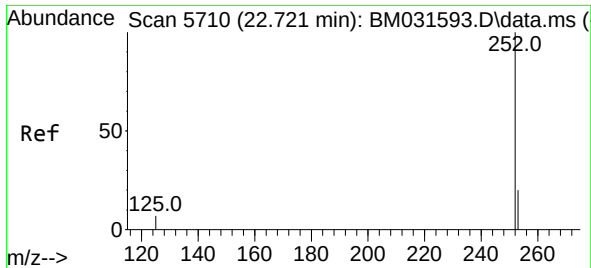
Tgt Ion:228 Resp: 1714
Ion Ratio Lower Upper
228 100
226 28.0 24.7 37.1
229 34.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.077 ng/ul
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

Tgt Ion:252 Resp: 1299
Ion Ratio Lower Upper
252 100
253 97.8 0.0 53.0#
125 415.6 0.0 22.8#

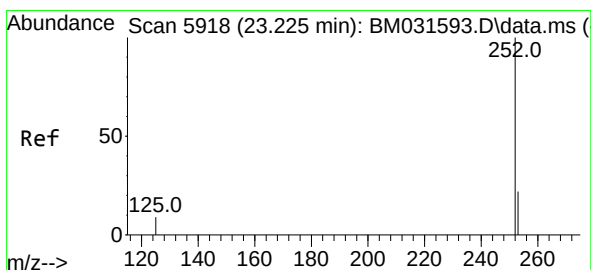
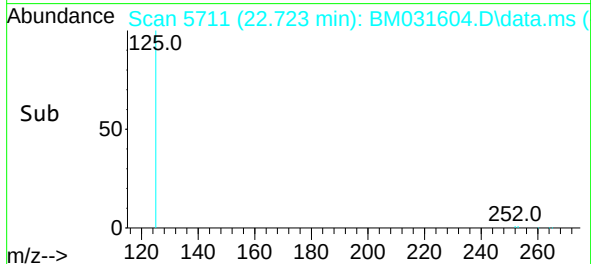
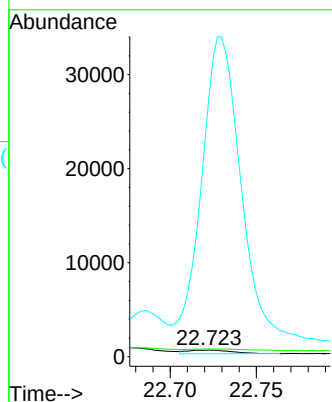
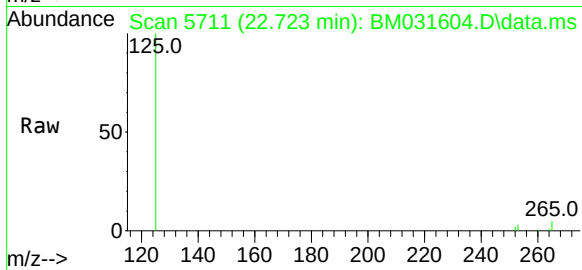




#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul
RT: 22.723 min Scan# 5711
Delta R.T. 0.002 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

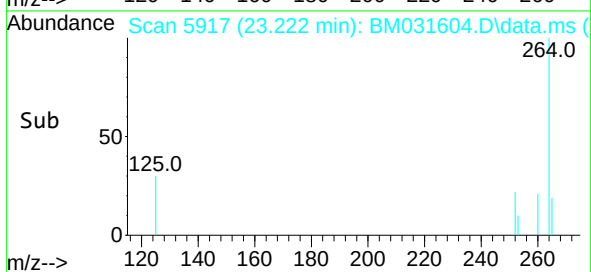
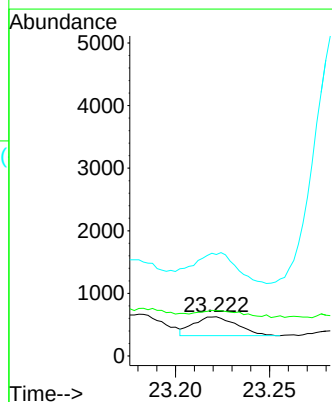
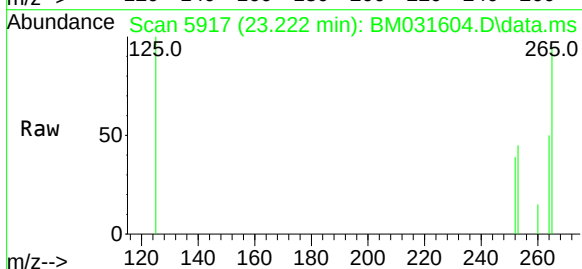
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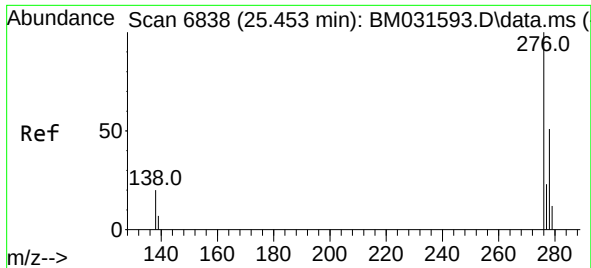
Tgt Ion:252 Resp: 683
Ion Ratio Lower Upper
252 100
253 117.0 21.3 31.9#
125 4012.7 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031604.D
Acq: 09 Aug 2021 15:32

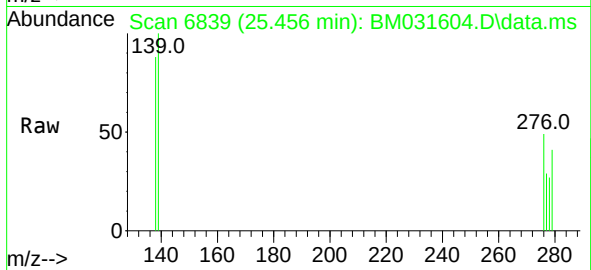
Tgt Ion:252 Resp: 484
Ion Ratio Lower Upper
252 100
253 115.8 22.4 33.6#
125 258.9 13.0 19.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng/ul
 RT: 25.456 min Scan# 6839
 Delta R.T. 0.002 min
 Lab File: BM031604.D
 Acq: 09 Aug 2021 15:32

Instrument :
 BNA_M
 ClientSampleId :
 JCE01



Tgt Ion:276 Resp: 541
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.8 23.8#
 227 0.0 0.0 0.0

