

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038288.D
 Acq On : 25 Dec 2022 02:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4054

Quant Time: Dec 25 04:10:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

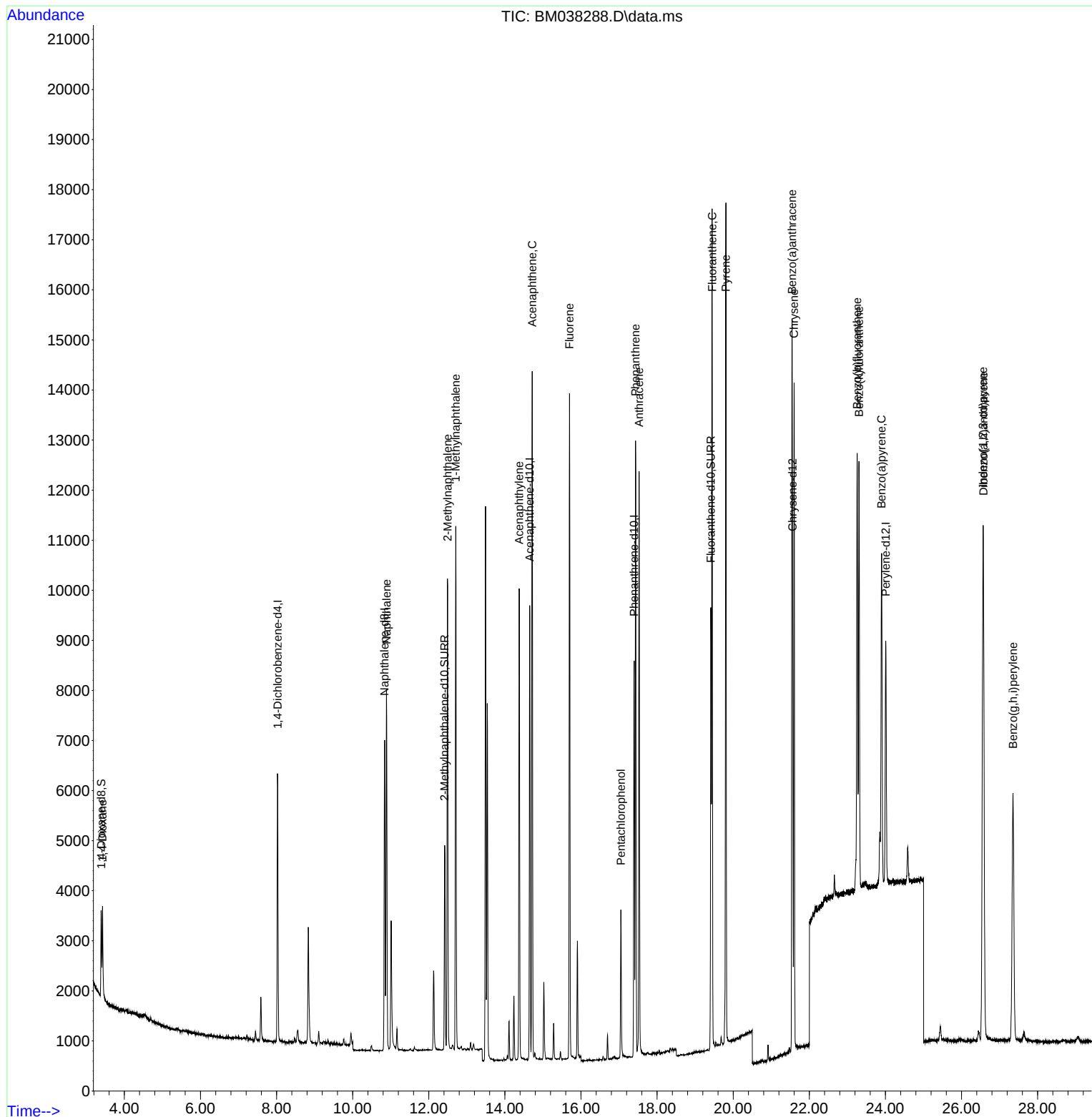
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2781	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	8223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	4692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	9274	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	6468	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	6671	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	1126	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	5051	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	9364	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	1168	0.421	ng/ul	91
5) Naphthalene	10.889	128	9886	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	6404	0.427	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	6654	0.434	ng/ul	99
10) Acenaphthylene	14.375	152	10598	0.409	ng/ul	100
11) Acenaphthene	14.717	153	7631	0.413	ng/ul	100
12) Fluorene	15.698	166	8351	0.417	ng/ul	97
14) Pentachlorophenol	17.050	266	2029	0.439	ng/ul	99
15) Phenanthrene	17.434	178	12699	0.409	ng/ul	99
16) Anthracene	17.527	178	12222	0.410	ng/ul	99
19) Fluoranthene	19.445	202	13793	0.389	ng/ul	99
20) Pyrene	19.808	202	14250	0.398	ng/ul	97
21) Benzo(a)anthracene	21.545	228	11622	0.410	ng/ul	99
22) Chrysene	21.600	228	11313	0.410	ng/ul	100
24) Benzo(b)fluoranthene	23.257	252	11578	0.392	ng/ul	99
25) Benzo(k)fluoranthene	23.307	252	11532	0.407	ng/ul	99
26) Benzo(a)pyrene	23.901	252	10012	0.389	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.565	276	13370	0.374	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.575	278	10311	0.371	ng/ul	97
29) Benzo(g,h,i)perylene	27.353	276	11029	0.367	ng/ul	99

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

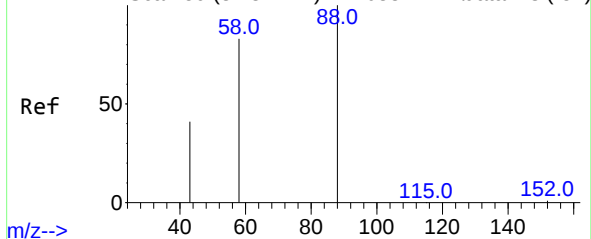
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Abundance Scan 59 (3.431 min): BM038272.D\data.ms (-52)



#2

1,4-Dioxane

Concen: 0.421 ng/ul

RT: 3.427 min Scan# 51

Delta R.T. -0.004 min

Lab File: BM038288.D

Acq: 25 Dec 2022 02:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.4054

Tgt Ion: 88 Resp: 1168

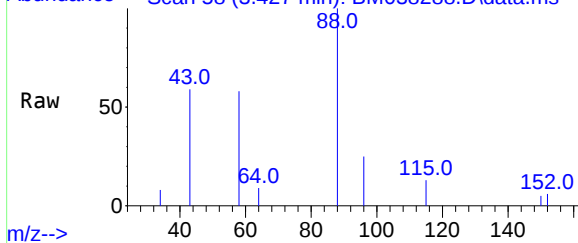
Ion Ratio Lower Upper

88 100

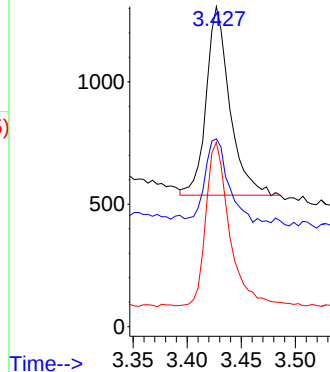
43 58.7 46.4 69.6

58 57.6 56.9 85.3

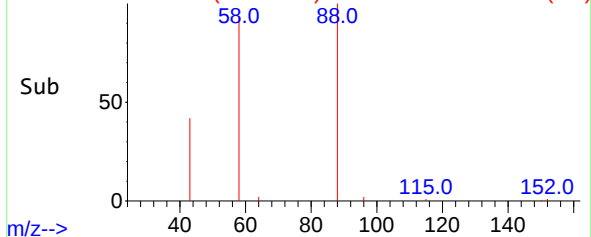
Abundance Scan 58 (3.427 min): BM038288.D\data.ms



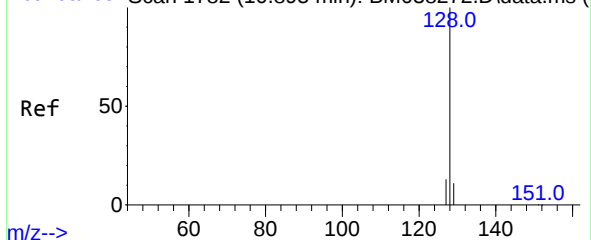
Abundance



Abundance Scan 58 (3.427 min): BM038288.D\data.ms (-45)



Abundance Scan 1782 (10.895 min): BM038272.D\data.ms (-)



#5

Naphthalene

Concen: 0.410 ng/ul

RT: 10.889 min Scan# 1781

Delta R.T. -0.005 min

Lab File: BM038288.D

Acq: 25 Dec 2022 02:19

Tgt Ion: 128 Resp: 9886

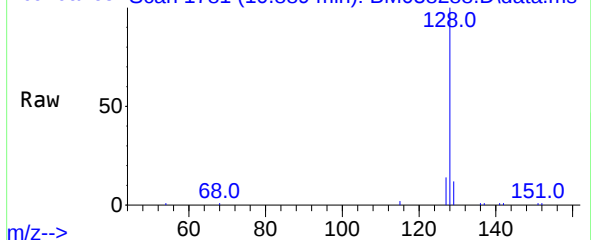
Ion Ratio Lower Upper

128 100

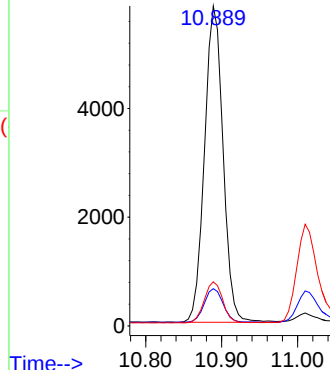
129 11.6 9.4 14.0

127 13.8 10.7 16.1

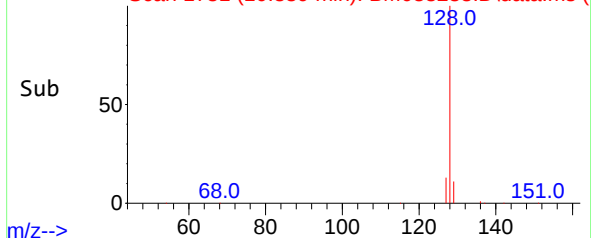
Abundance Scan 1781 (10.889 min): BM038288.D\data.ms

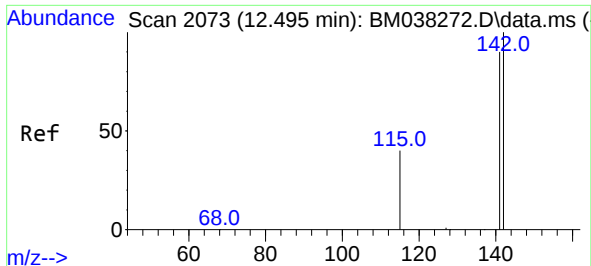


Abundance



Abundance Scan 1781 (10.889 min): BM038288.D\data.ms (-)

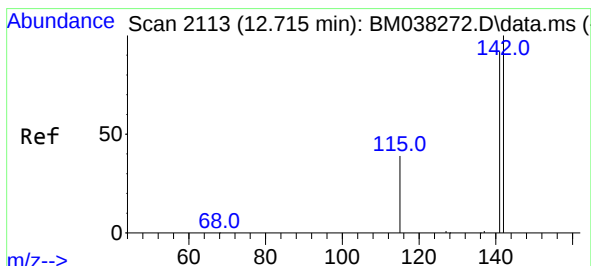
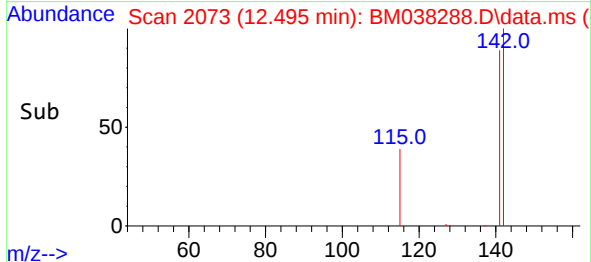
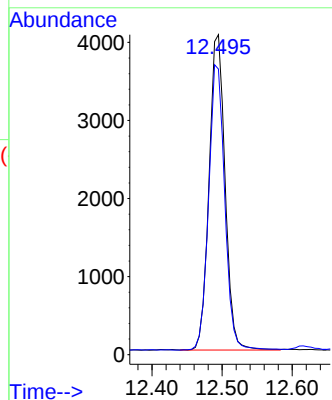
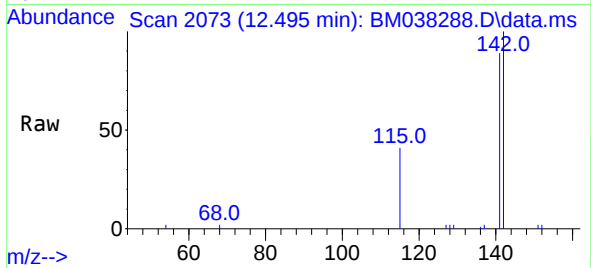




#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

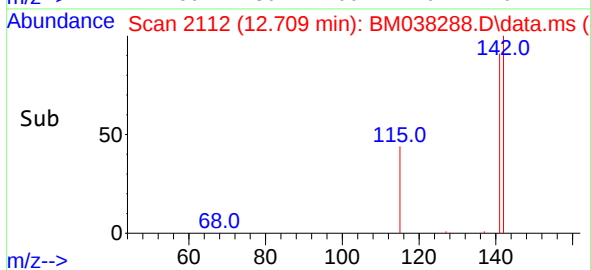
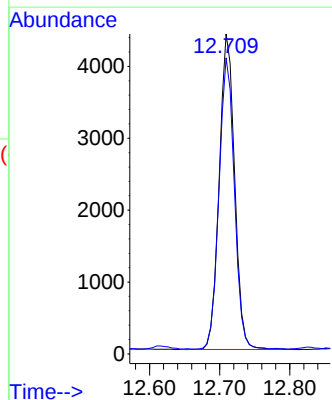
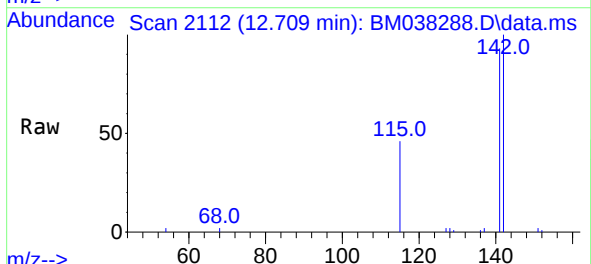
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

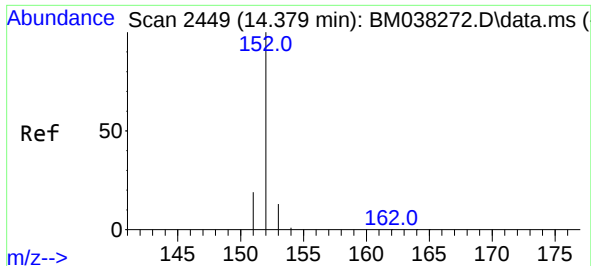
Tgt Ion:142 Resp: 6404
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:142 Resp: 6654
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1

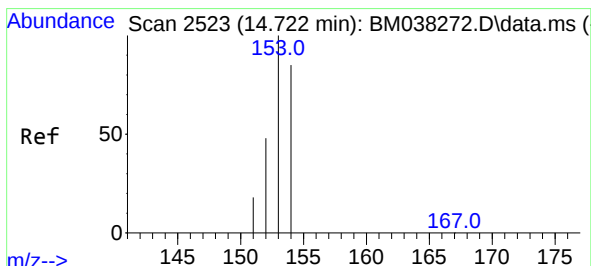
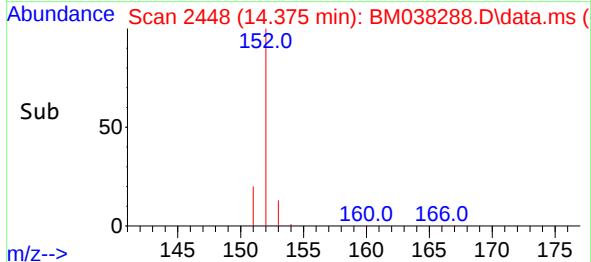
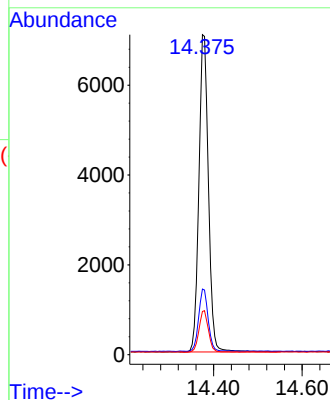
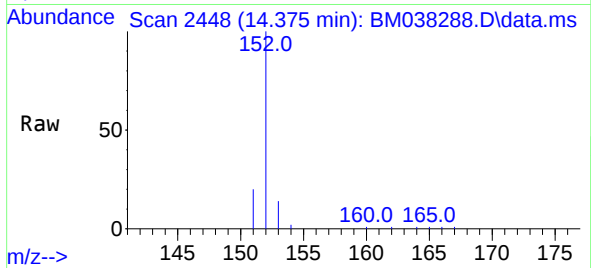




#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.375 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

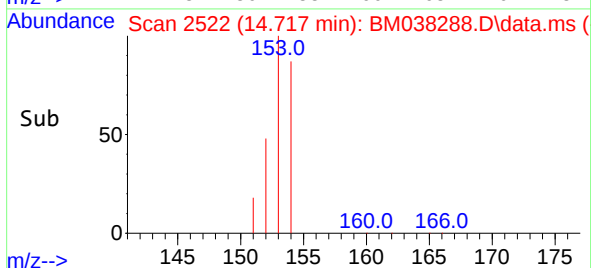
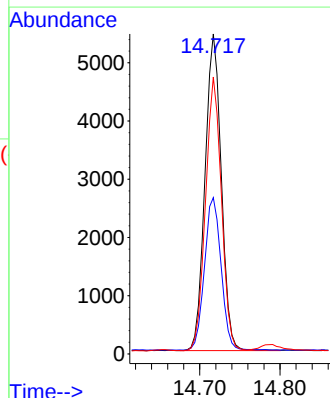
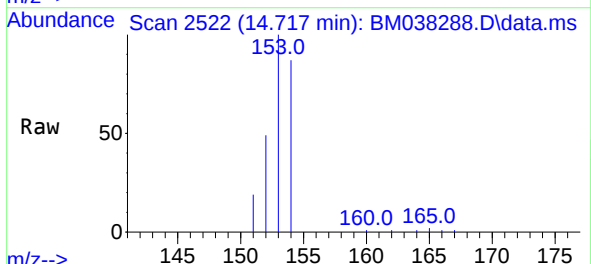
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

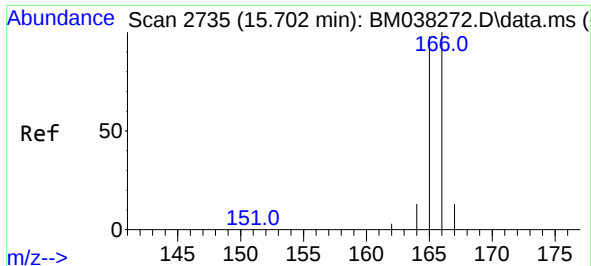
Tgt Ion:152 Resp: 10598
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:153 Resp: 7631
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.0
154 86.6 69.0 103.4

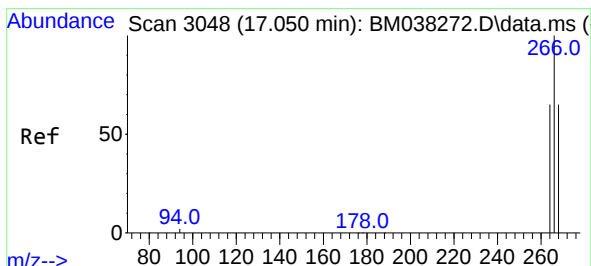
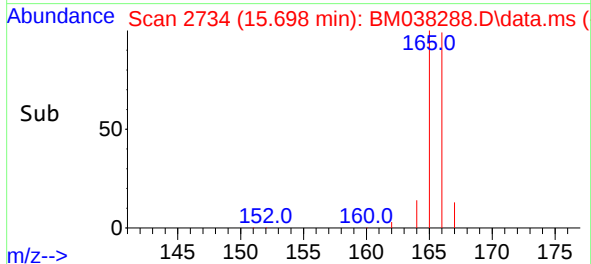
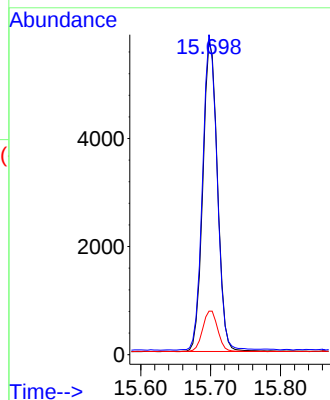
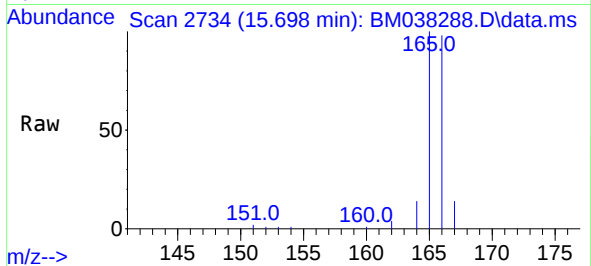




#12
Fluorene
Concen: 0.417 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

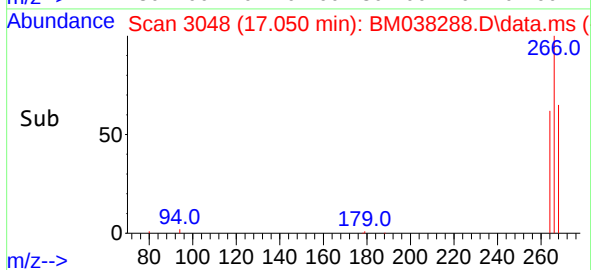
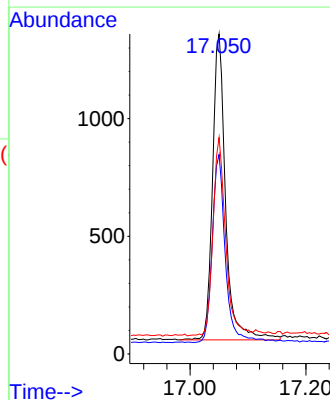
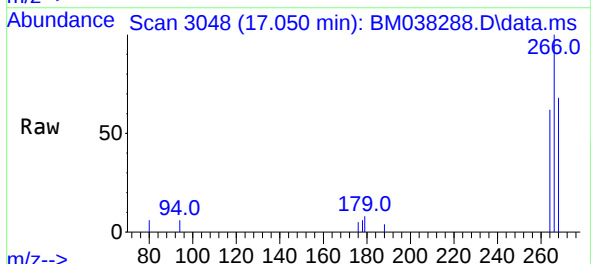
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

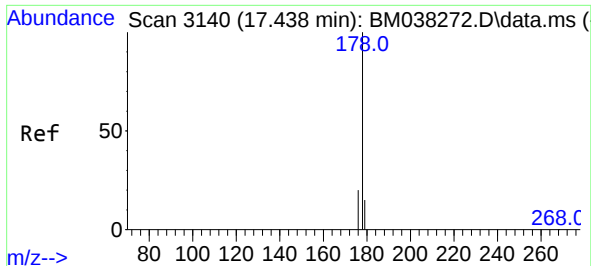
Tgt Ion:166 Resp: 8351
Ion Ratio Lower Upper
166 100
165 102.0 79.0 118.6
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.439 ng/ul
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:266 Resp: 2029
Ion Ratio Lower Upper
266 100
264 62.0 49.9 74.9
268 62.3 51.2 76.8

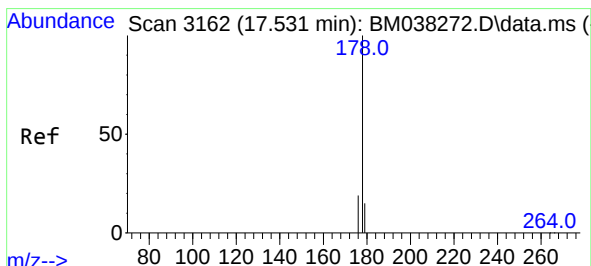
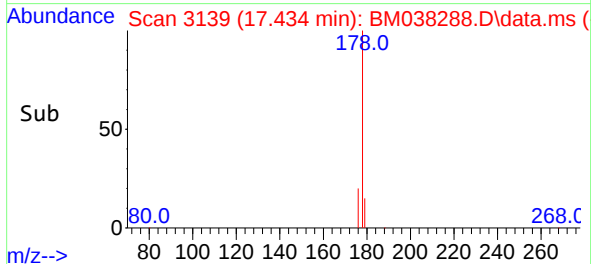
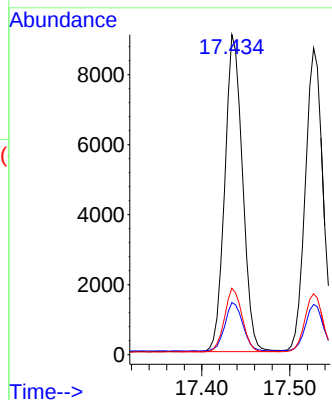
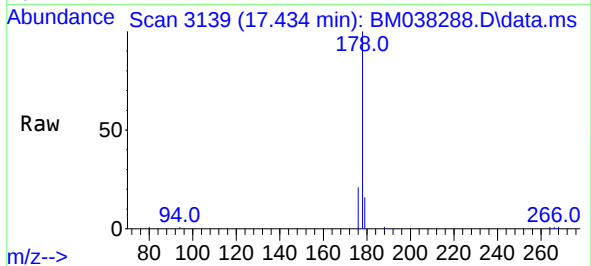




#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.434 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

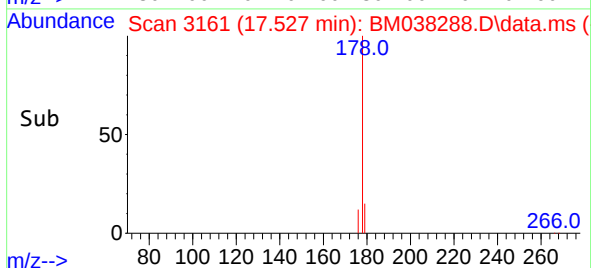
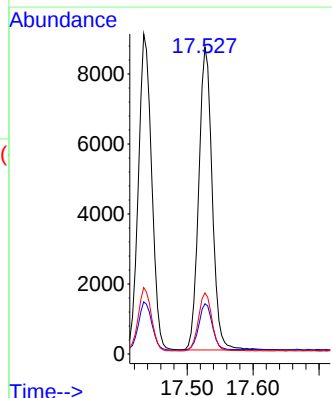
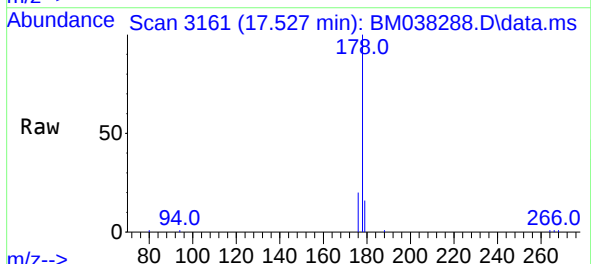
Instrument :
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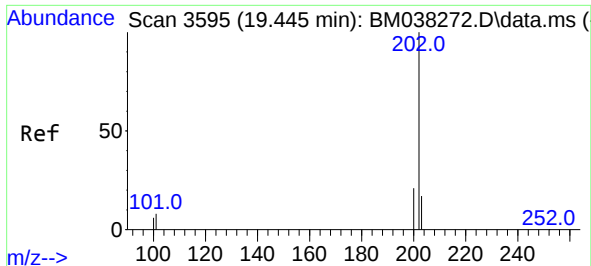
Tgt Ion:	178	Resp:	12699
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.4
176	20.8	16.2	24.4



#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:	178	Resp:	12222
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.6
176	19.9	15.6	23.4

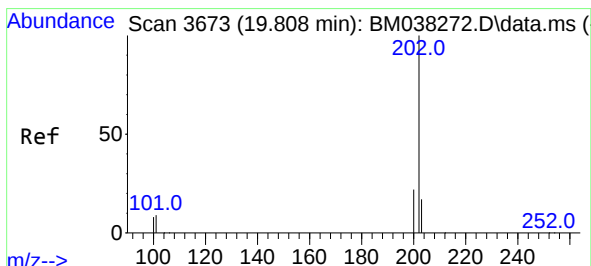
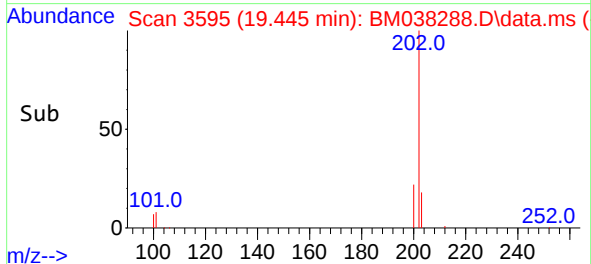
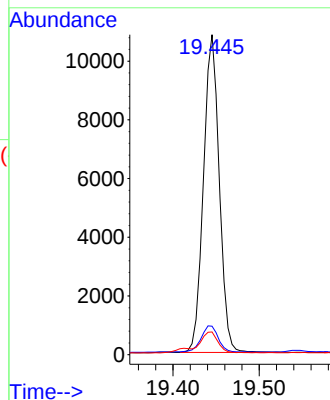
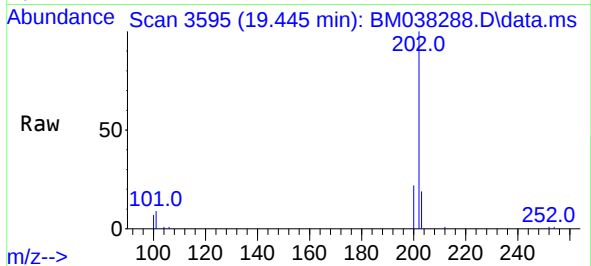




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

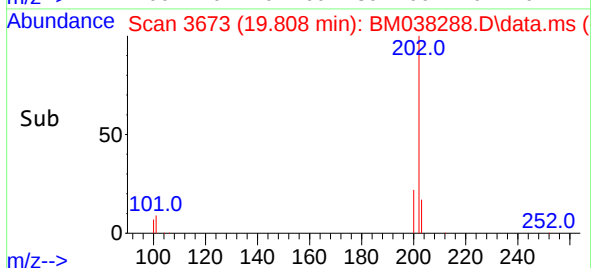
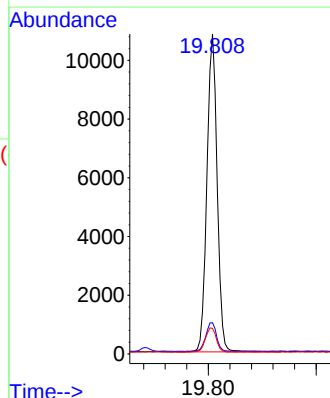
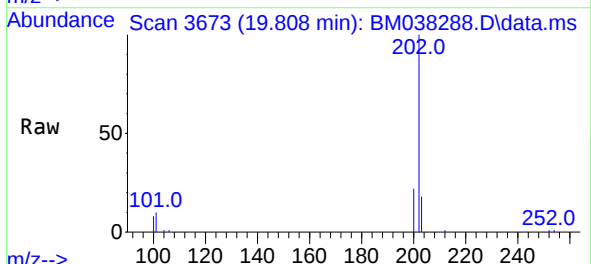
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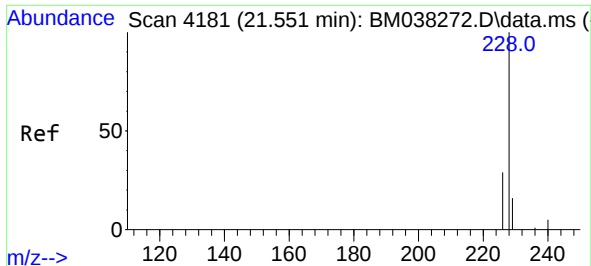
Tgt Ion:	202	Resp:	13793
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.5	11.3
100	7.1	5.6	8.4



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

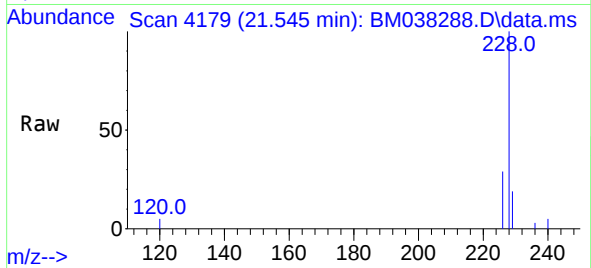
Tgt Ion:	202	Resp:	14250
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.9	13.3
100	8.0	7.4	11.0



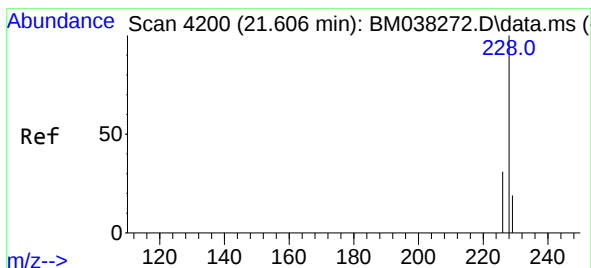
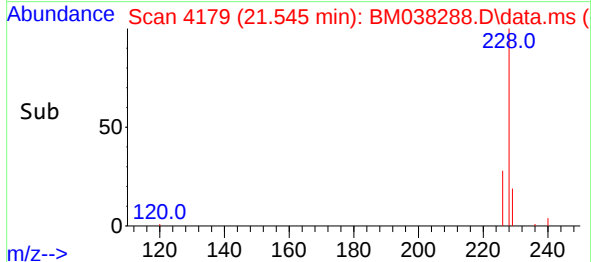
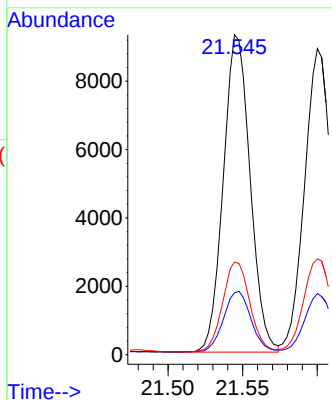


#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.545 min Scan# 41198
Delta R.T. -0.006 min
Lab File: BM038288.D
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ClientSampleId :
SSTD0.4054

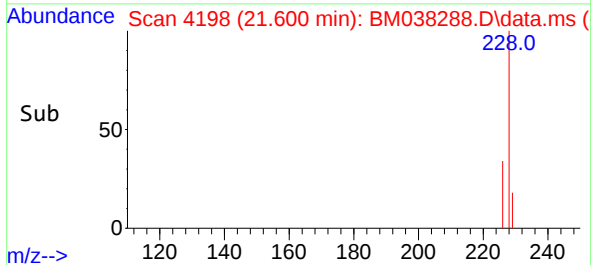
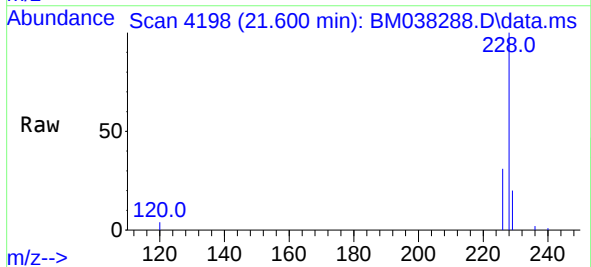
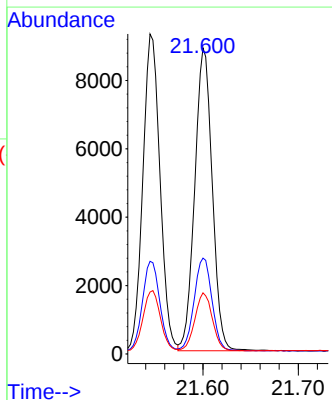


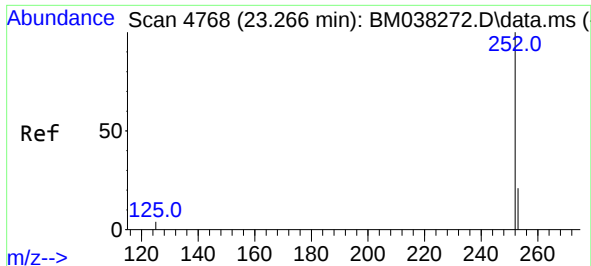
Tgt Ion:228 Resp: 11622
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 28.9 22.2 33.2



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:228 Resp: 11313
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 20.0 16.0 24.0

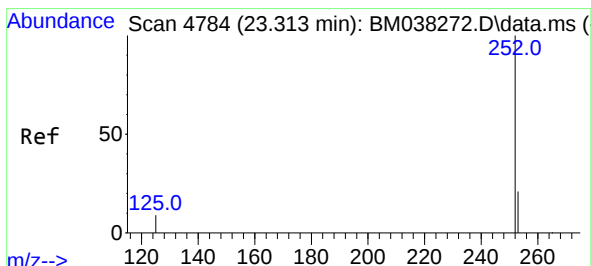
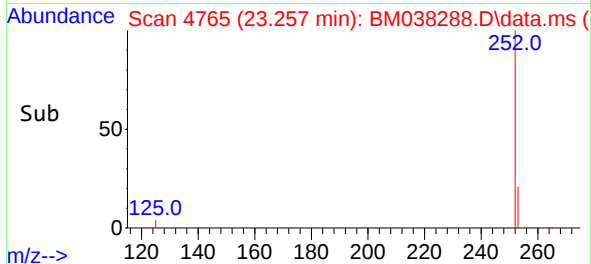
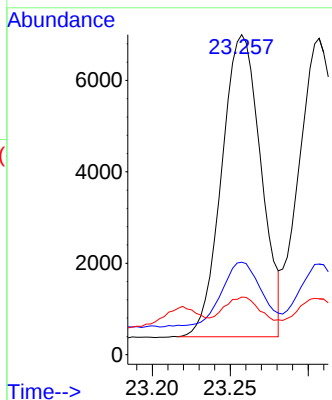
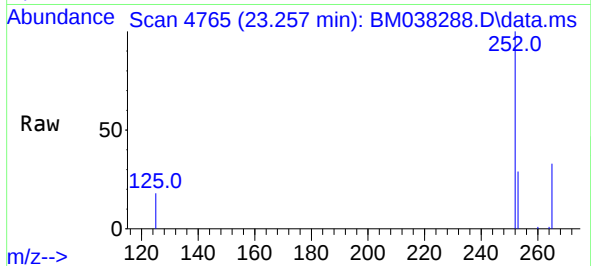




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

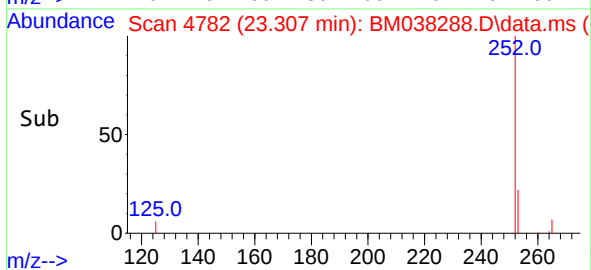
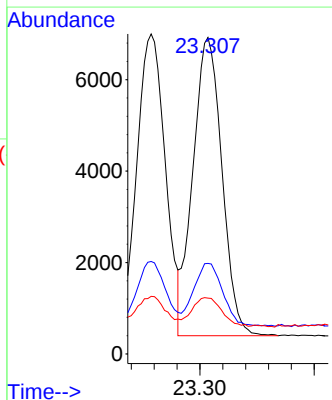
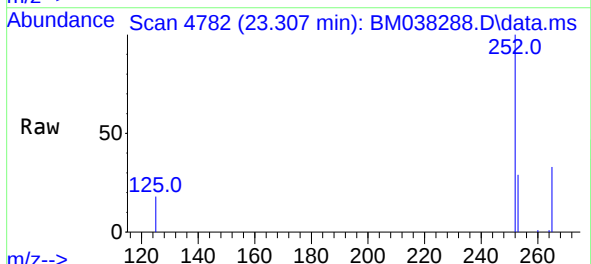
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

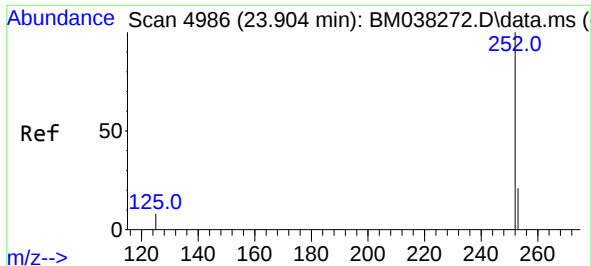
Tgt Ion:	252	Resp:	11578
Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	56.0
125	18.0	0.0	36.6



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:	252	Resp:	11532
Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.5	33.7
125	17.6	14.4	21.6

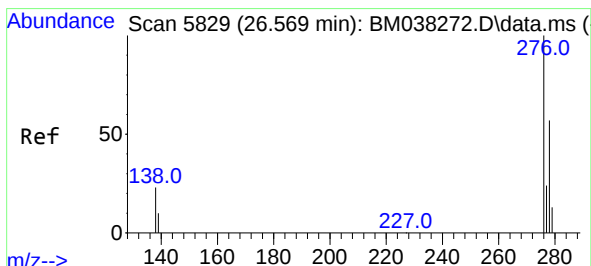
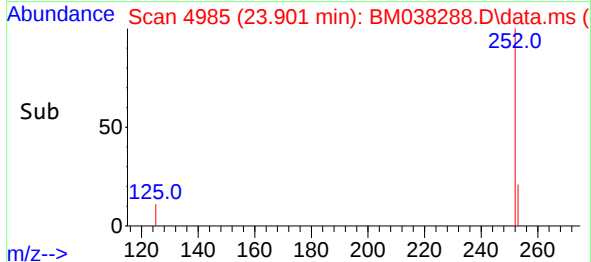
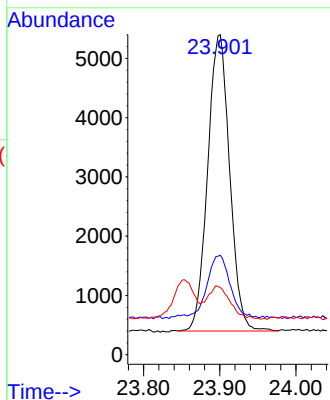
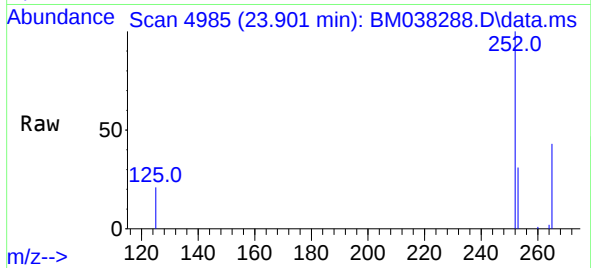




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

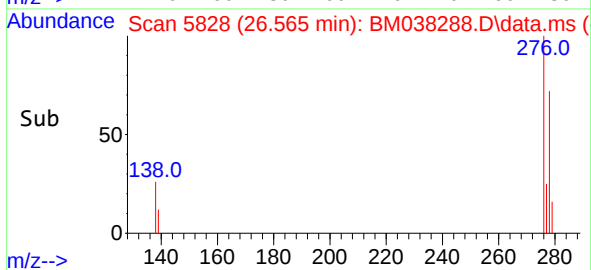
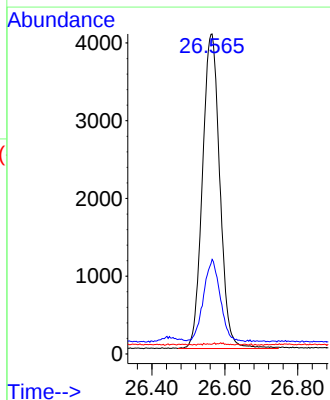
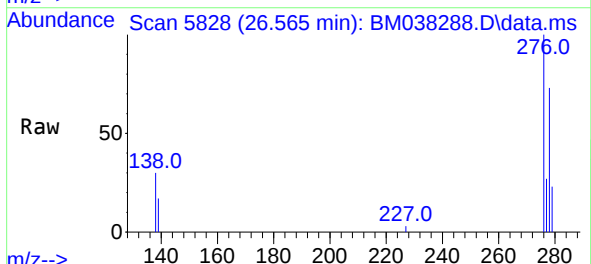
Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

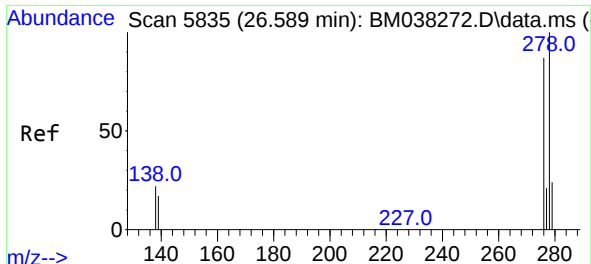
Tgt Ion:	252	Resp:	10012
Ion Ratio	Lower	Upper	
252	100		
253	31.0	24.2	36.4
125	21.0	17.3	25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:	276	Resp:	13370
Ion Ratio	Lower	Upper	
276	100		
138	25.3	21.7	32.5
227	0.1	0.0	0.0

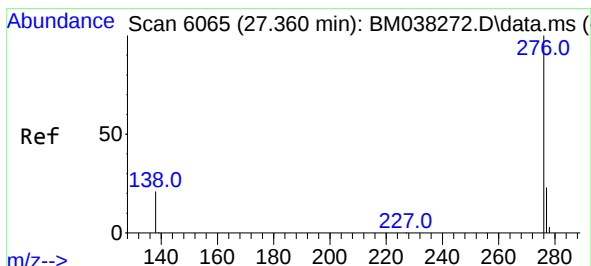
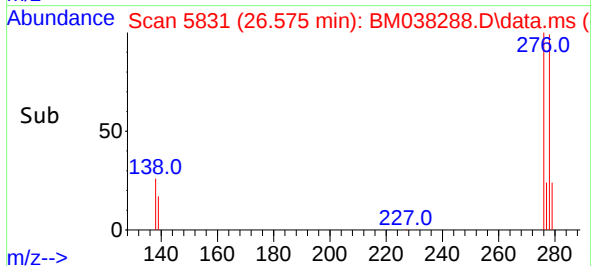
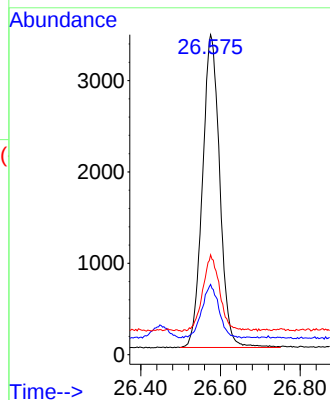
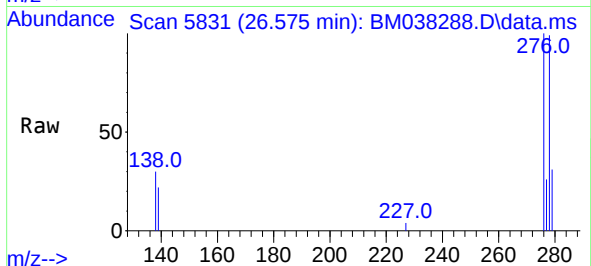




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

Tgt Ion:278 Resp: 10311
Ion Ratio Lower Upper
278 100
139 21.9 16.8 25.2
279 31.2 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038288.D
Acq: 25 Dec 2022 02:19

Tgt Ion:276 Resp: 11029
Ion Ratio Lower Upper
276 100
138 25.3 20.8 31.2
277 25.8 20.5 30.7

