

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
 Data File : BM034488.D
 Acq On : 04 Apr 2022 15:45
 Operator : CG/JU
 Sample : SST0.115
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

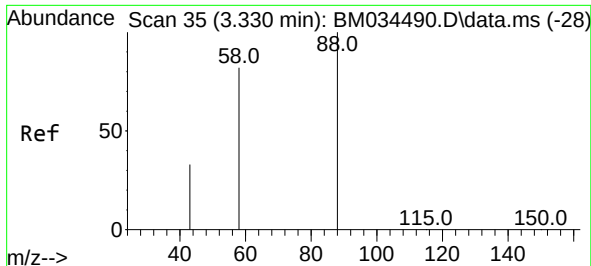
Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Apr 05 11:26:53 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 11:24:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2084	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	6193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.564	164	3409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	5451	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	5422	0.400	ng/ul	# 0.00
23) Perylene-d12	23.895	264	4342	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	434	0.124	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	897	0.110	ng/ul	0.01
18) Fluoranthene-d10	19.338	212	1671	0.092	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	459	0.097	ng/ul#	39
5) Naphthalene	10.790	128	2258	0.117	ng/ul	94
7) 2-Methylnaphthalene	12.418	142	1106	0.105	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	1087	0.102	ng/ul	96
10) Acenaphthylene	14.291	152	1590	0.101	ng/ul	96
11) Acenaphthene	14.629	153	1332	0.104	ng/ul	95
12) Fluorene	15.624	166	1412	0.107	ng/ul#	96
14) Pentachlorophenol	16.978	266	315	0.136	ng/ul	98
15) Phenanthrene	17.354	178	1887	0.107	ng/ul#	88
16) Anthracene	17.455	178	1376	0.101	ng/ul#	84
19) Fluoranthene	19.366	202	2410	0.092	ng/ul#	82
20) Pyrene	19.729	202	2903	0.095	ng/ul#	82
21) Benzo(a)anthracene	21.477	228	1190	0.086	ng/ul#	84
22) Chrysene	21.524	228	1332	0.083	ng/ul#	92
24) Benzo(b)fluoranthene	23.167	252	1564	0.110	ng/ul#	12
25) Benzo(k)fluoranthene	23.219	252	1105	0.087	ng/ul#	23
26) Benzo(a)pyrene	23.795	252	1889	0.114	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.445	276	1973	0.098	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.465	278	1447	0.099	ng/ul#	1
29) Benzo(g,h,i)perylene	27.179	276	2162	0.100	ng/ul#	69

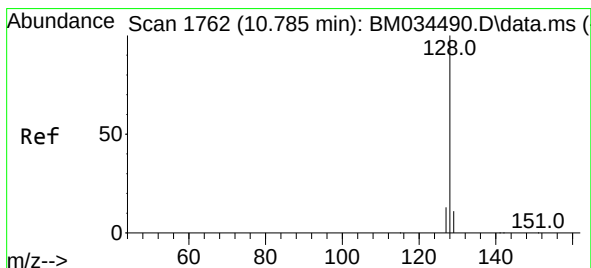
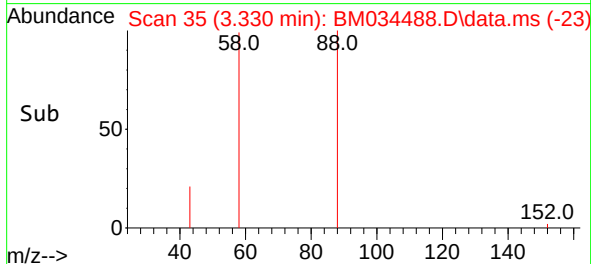
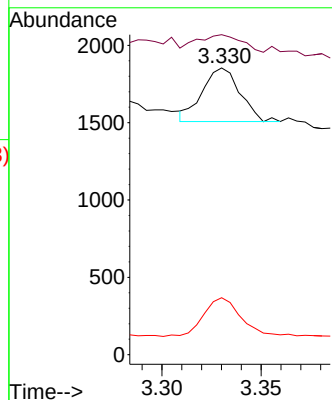
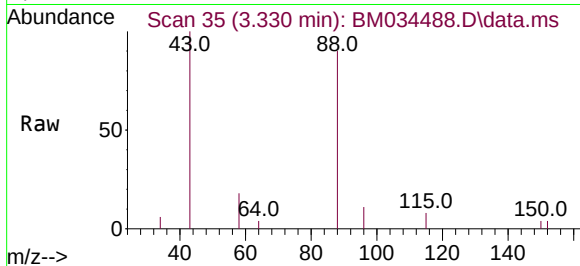
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.097 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

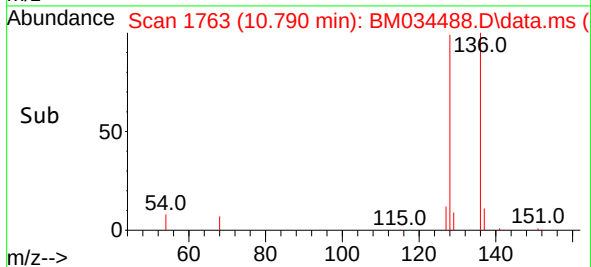
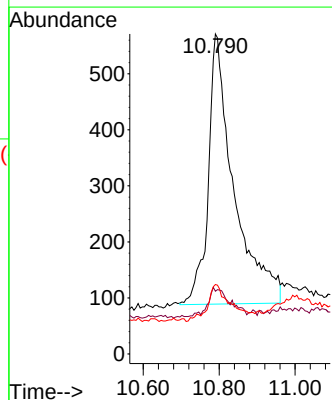
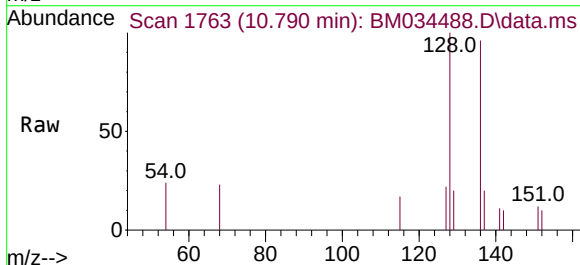
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

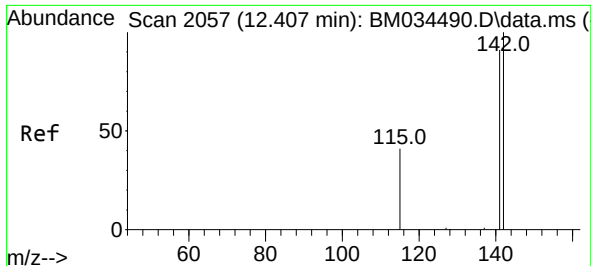
Tgt Ion: 88 Resp: 459
Ion Ratio Lower Upper
88 100
43 111.6 49.7 74.5#
58 19.8 52.5 78.7#



#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion: 128 Resp: 2258
Ion Ratio Lower Upper
128 100
129 19.6 13.4 20.2
127 21.7 15.2 22.8

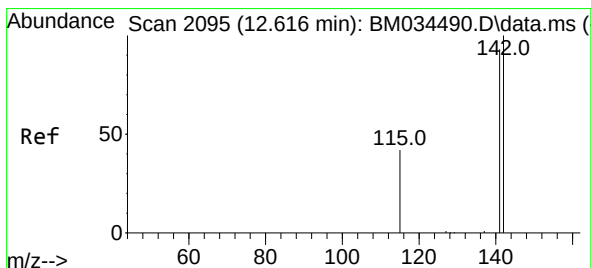
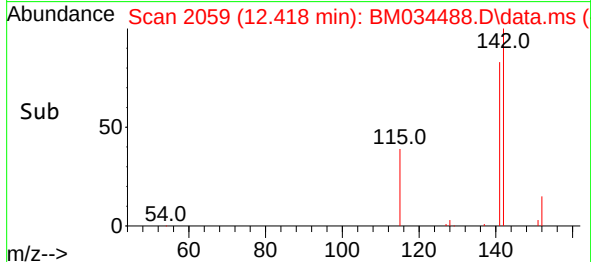
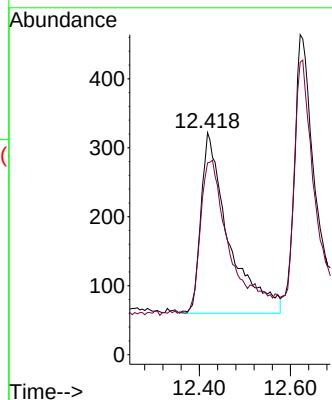
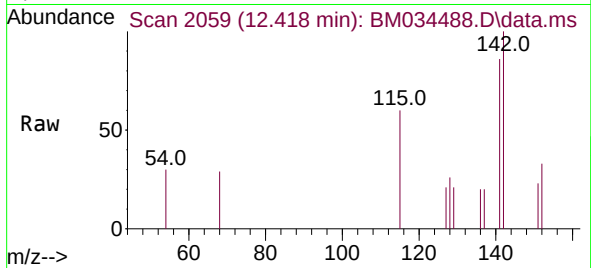




#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. 0.011 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

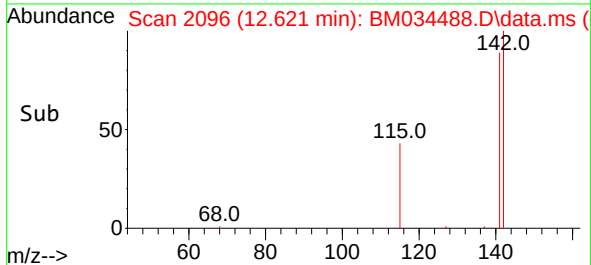
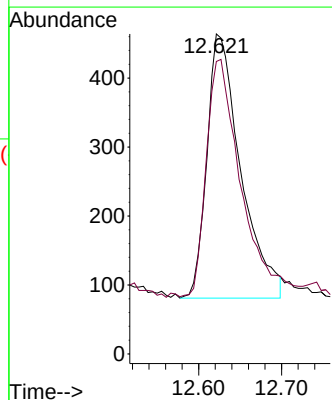
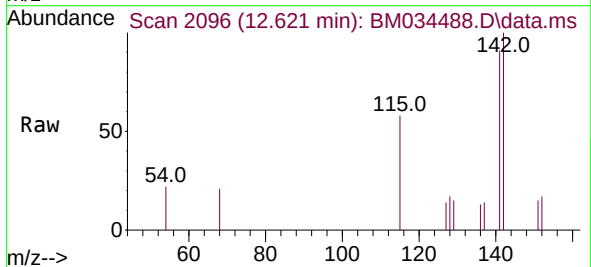
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

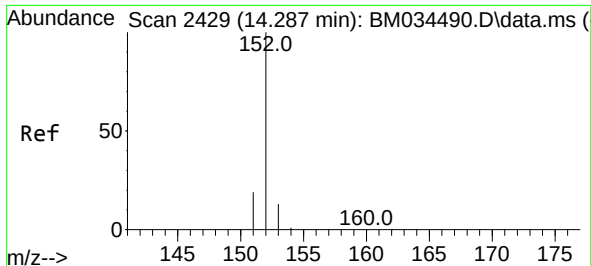
Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
141 91.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:142 Resp: 1087
Ion Ratio Lower Upper
142 100
141 89.6 75.0 112.4

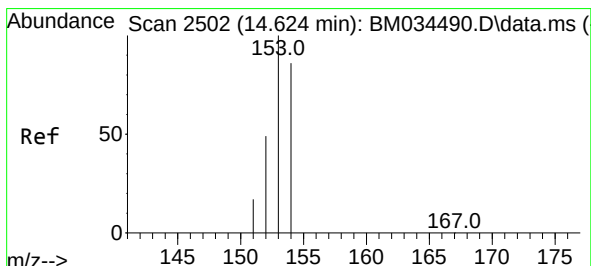
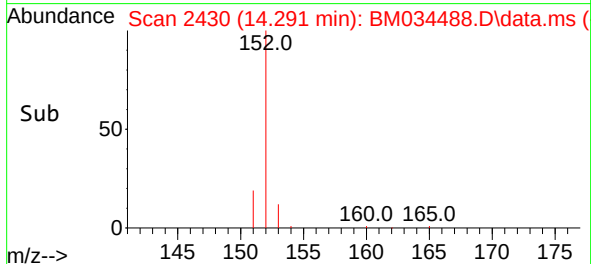
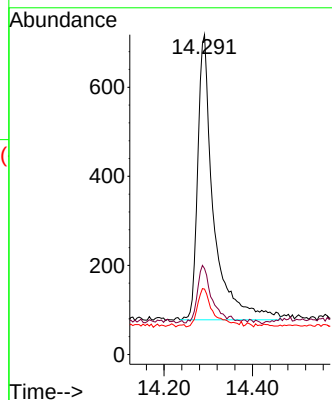
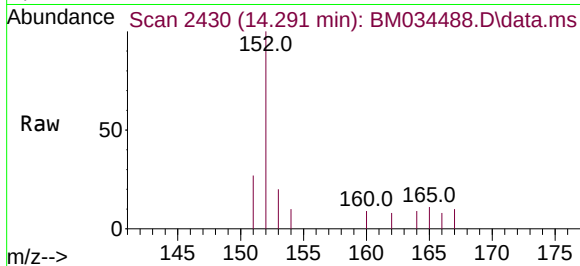




#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.291 min Scan# 2429
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

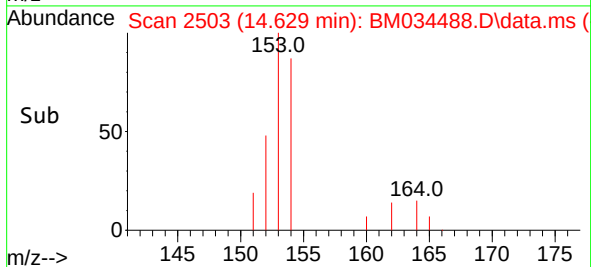
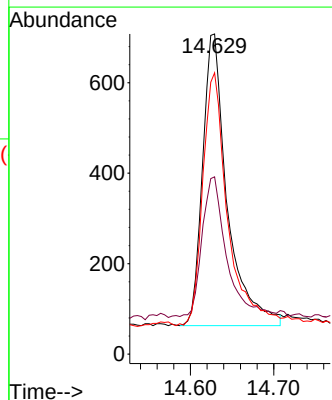
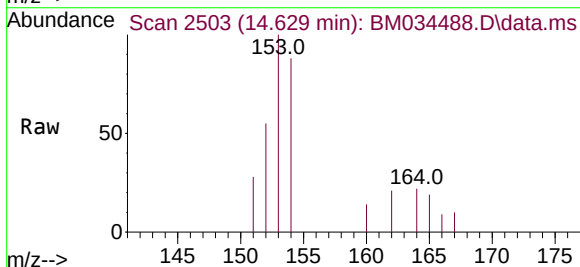
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

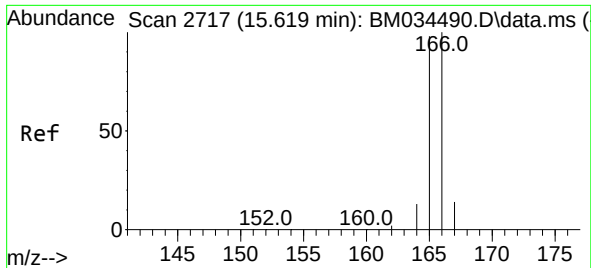
Tgt Ion:152 Resp: 1590
Ion Ratio Lower Upper
152 100
151 26.9 19.9 29.9
153 20.5 15.0 22.4



#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.629 min Scan# 2503
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:153 Resp: 1332
Ion Ratio Lower Upper
153 100
152 55.4 42.4 63.6
154 87.9 66.2 99.2

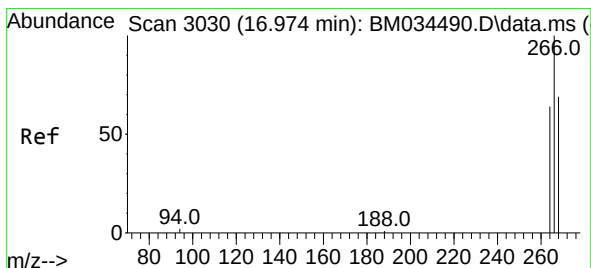
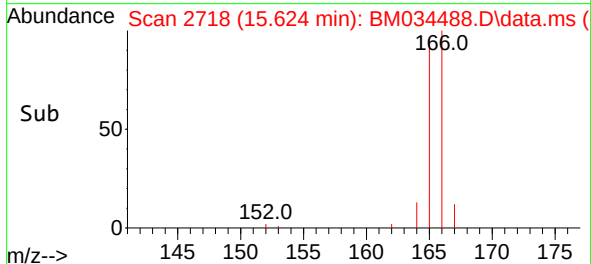
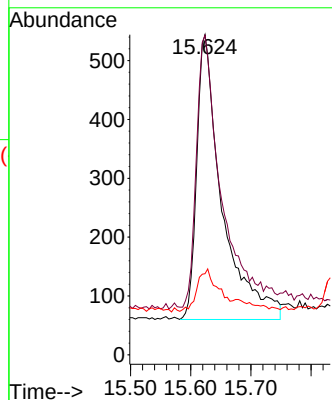
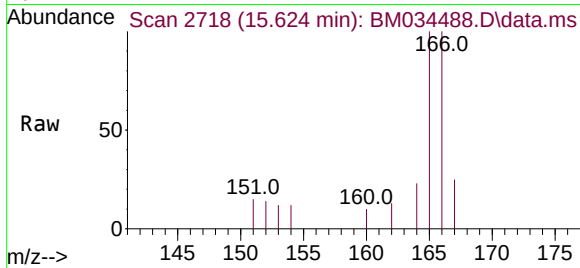




#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.624 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

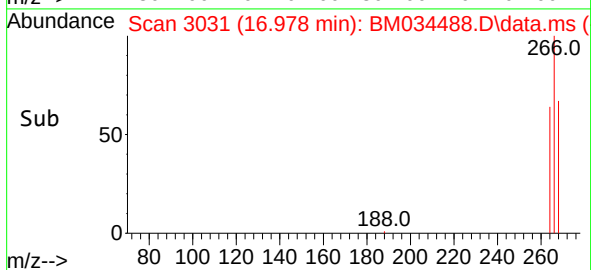
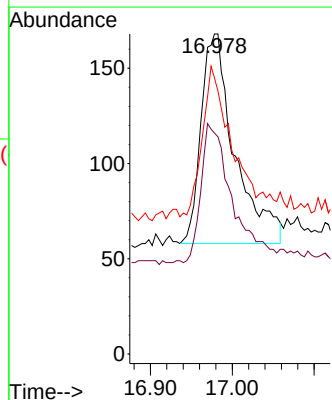
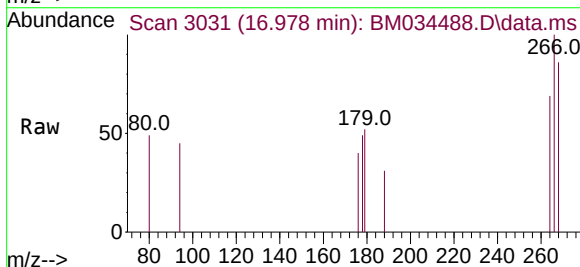
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

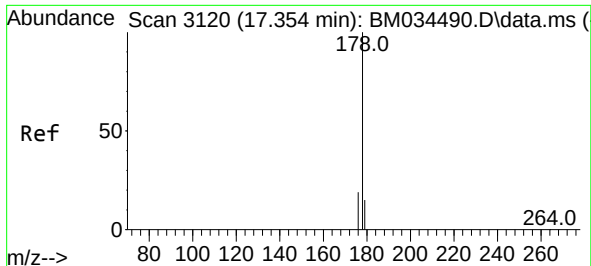
Tgt Ion:166 Resp: 1412
Ion Ratio Lower Upper
166 100
165 99.8 81.1 121.7
167 25.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.136 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:266 Resp: 315
Ion Ratio Lower Upper
266 100
264 61.6 51.4 77.0
268 66.0 53.1 79.7

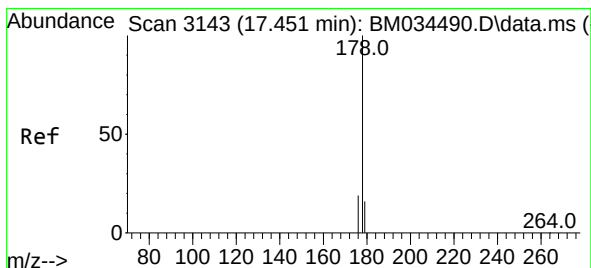
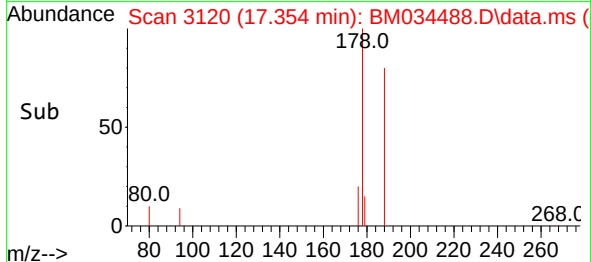
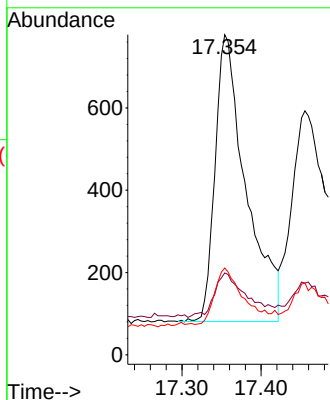
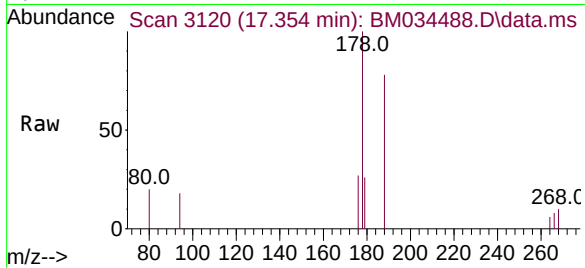




#15
Phenanthrene
Concen: 0.107 ng/ul
RT: 17.354 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

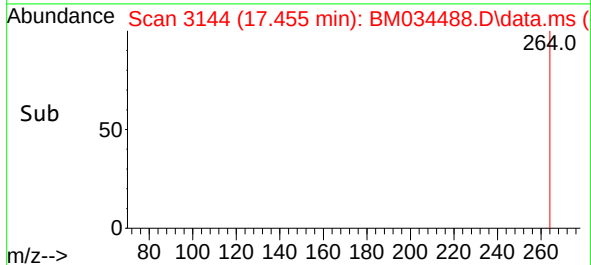
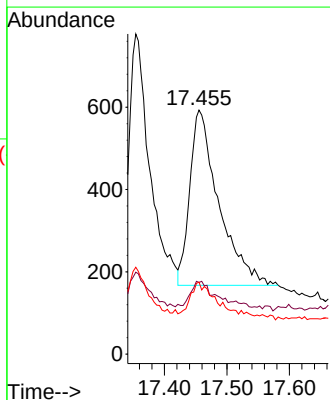
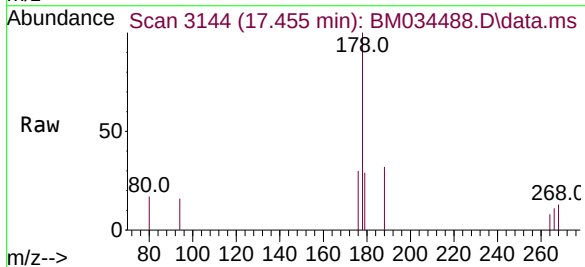
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

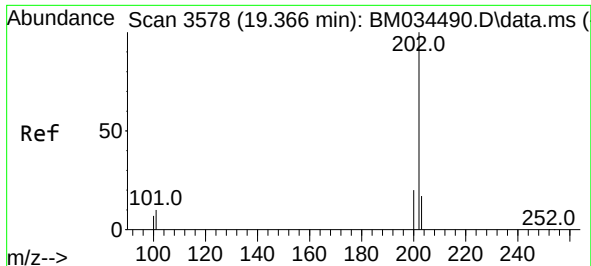
Tgt Ion:178 Resp: 1887
Ion Ratio Lower Upper
178 100
179 25.6 15.0 22.6#
176 27.1 17.9 26.9#



#16
Anthracene
Concen: 0.101 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. 0.004 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:178 Resp: 1376
Ion Ratio Lower Upper
178 100
179 29.3 16.5 24.7#
176 29.5 18.3 27.5#

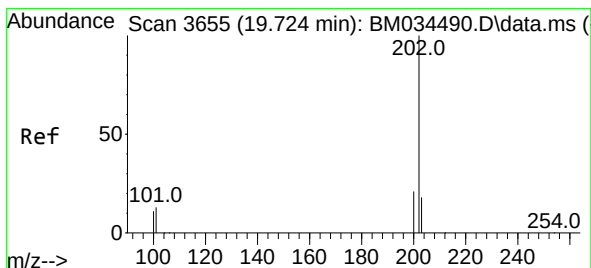
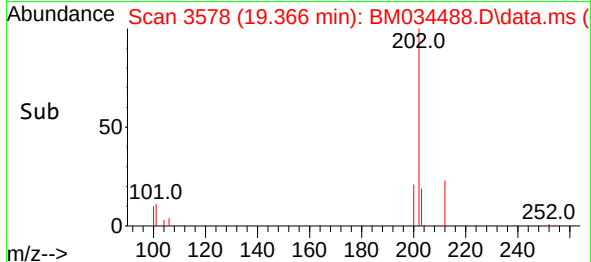
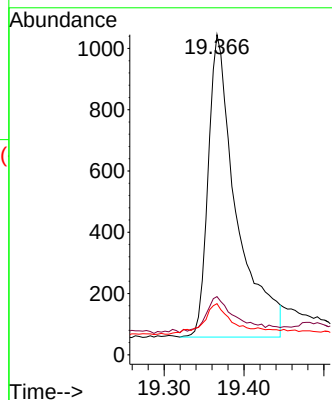
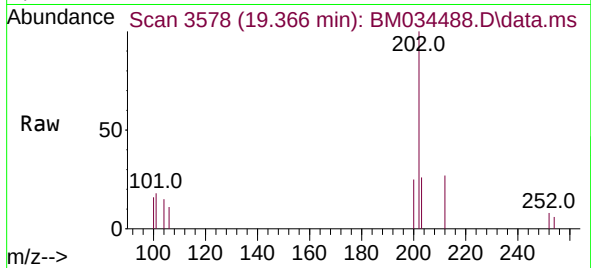




#19
Fluoranthene
Concen: 0.092 ng/u1
RT: 19.366 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

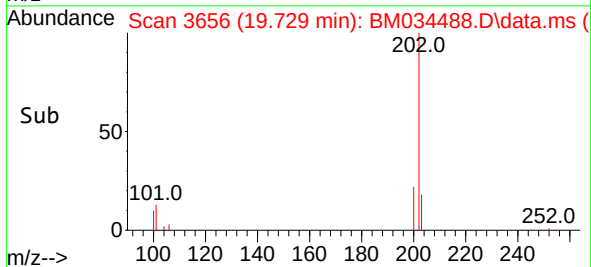
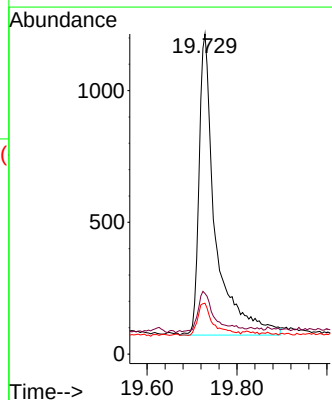
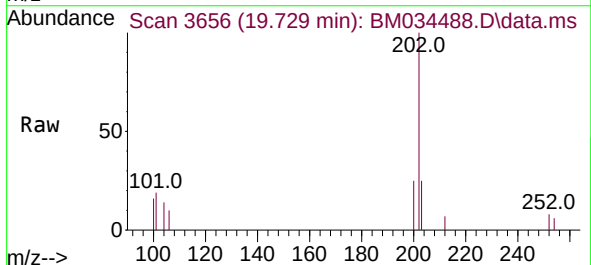
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ClientSampleId :
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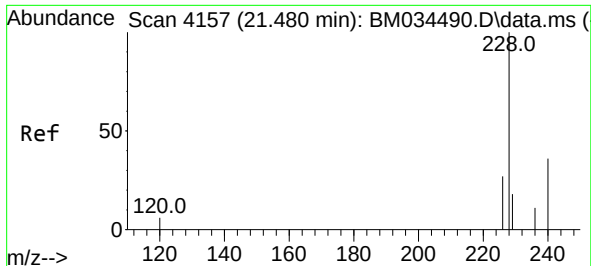
Tgt Ion:202 Resp: 2410
Ion Ratio Lower Upper
202 100
101 18.2 9.2 13.8#
100 16.0 7.2 10.8#



#20
Pyrene
Concen: 0.095 ng/u1
RT: 19.729 min Scan# 3656
Delta R.T. 0.005 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:202 Resp: 2903
Ion Ratio Lower Upper
202 100
101 18.9 9.3 13.9#
100 15.9 7.8 11.6#

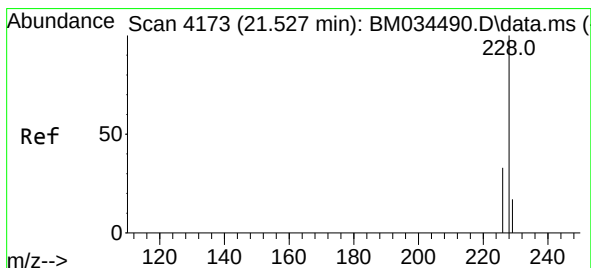
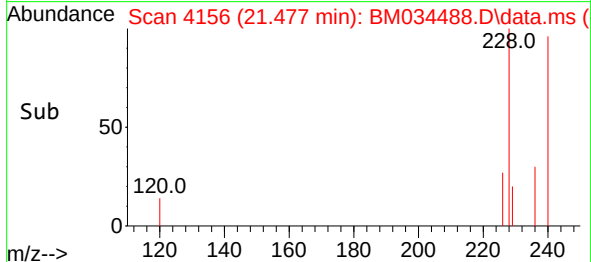
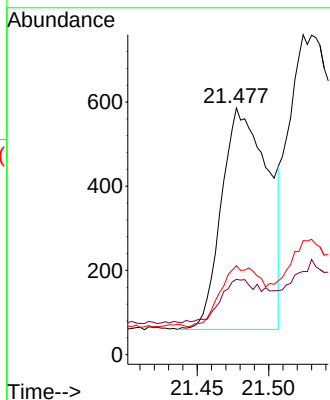
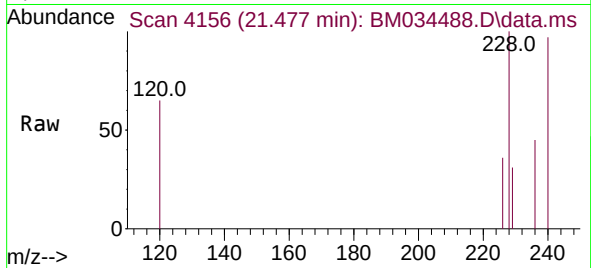




#21
Benzo(a)anthracene
Concen: 0.086 ng/ul
RT: 21.477 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

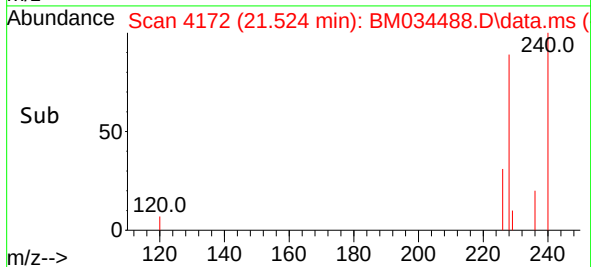
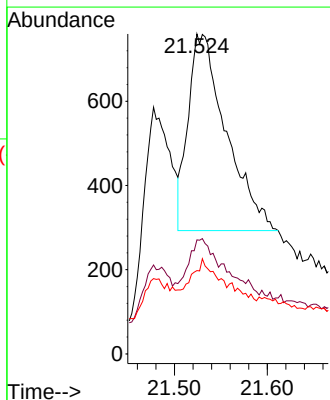
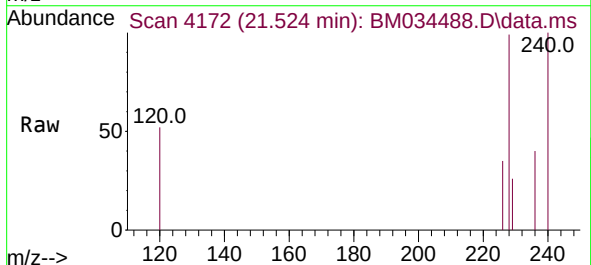
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

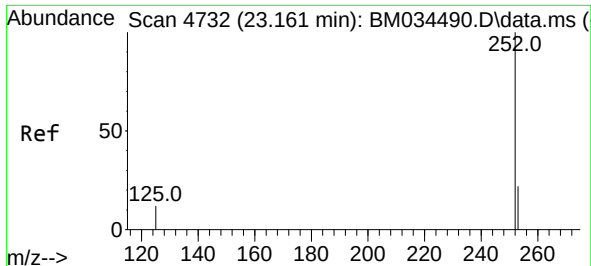
Tgt Ion:228 Resp: 1190
Ion Ratio Lower Upper
228 100
229 30.5 17.3 25.9#
226 36.0 23.2 34.8#



#22
Chrysene
Concen: 0.083 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:228 Resp: 1332
Ion Ratio Lower Upper
228 100
226 35.7 25.8 38.8
229 26.1 16.7 25.1#

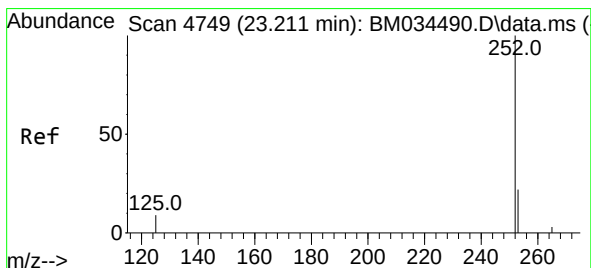
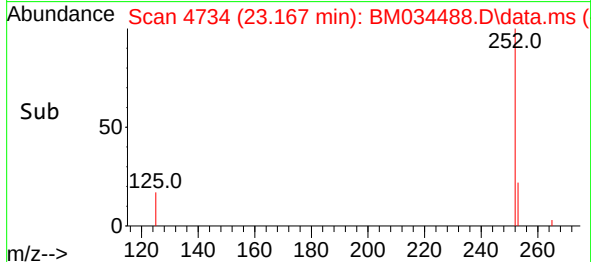
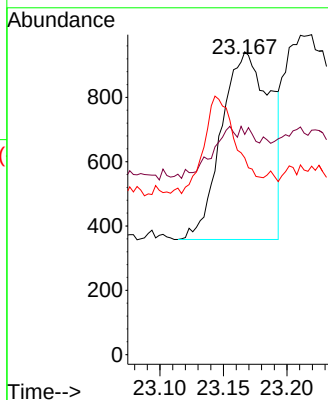
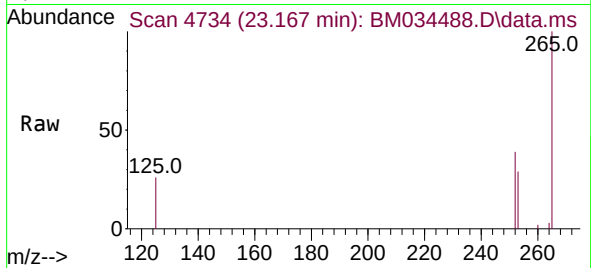




#24
Benzo(b)fluoranthene
Concen: 0.110 ng/ul
RT: 23.167 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

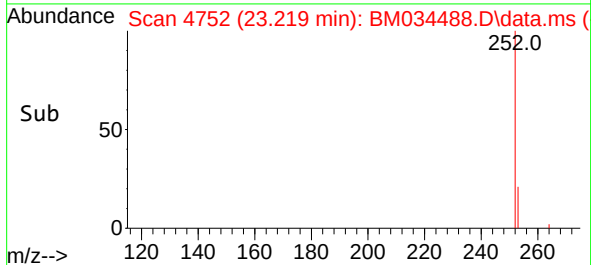
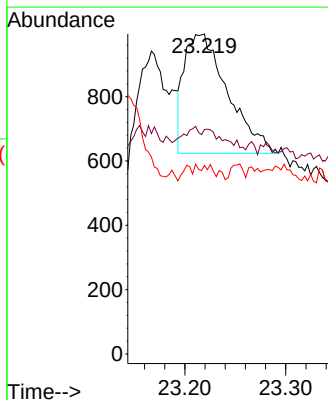
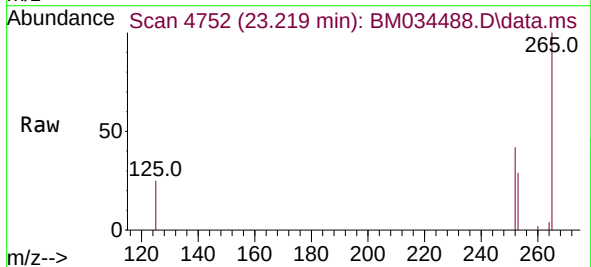
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

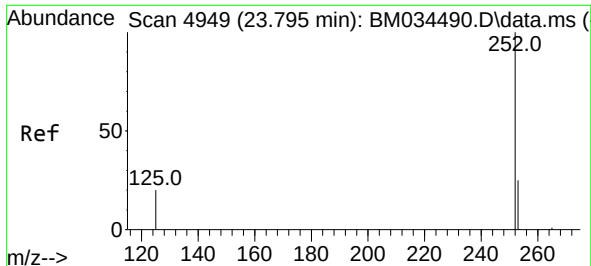
Tgt Ion:252 Resp: 1564
Ion Ratio Lower Upper
252 100
253 72.7 0.0 64.2#
125 65.0 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. 0.008 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

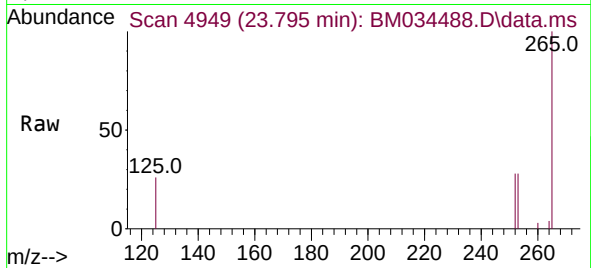
Tgt Ion:252 Resp: 1105
Ion Ratio Lower Upper
252 100
253 70.2 26.8 40.2#
125 58.9 12.0 18.0#



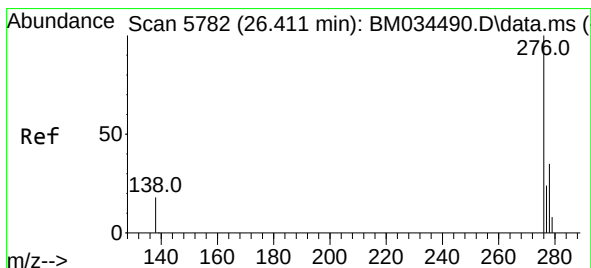
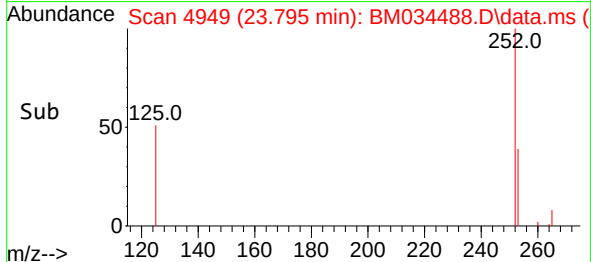
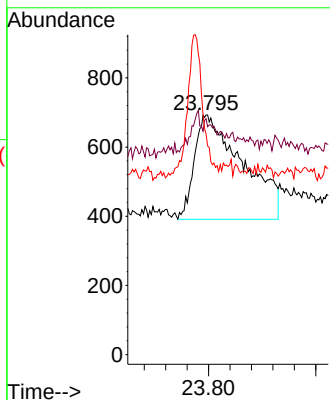


#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.795 min Scan# 4949
Delta R.T. -0.000 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

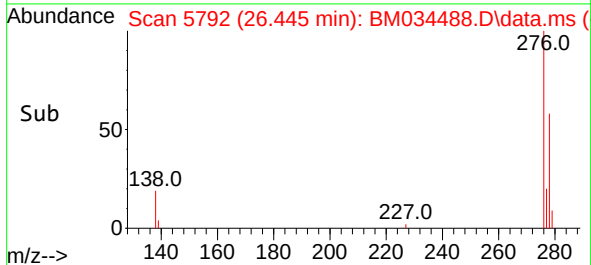
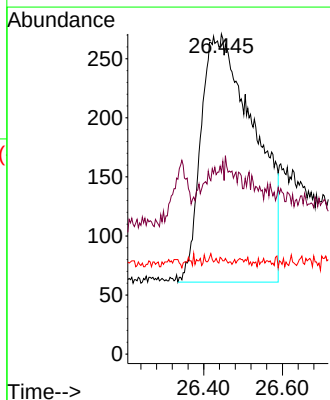
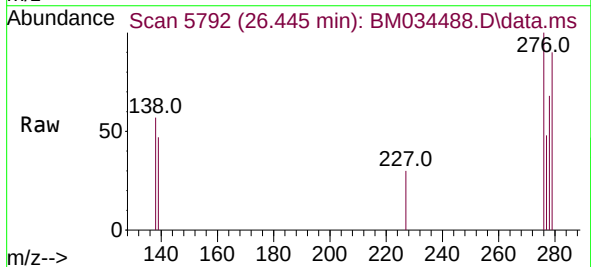


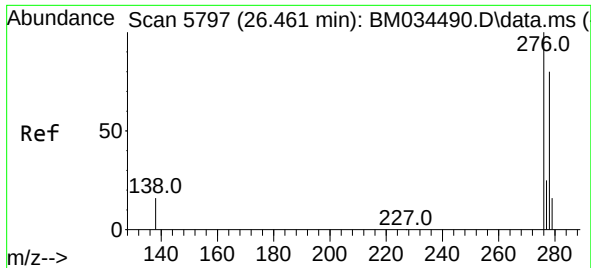
Tgt Ion:252 Resp: 1889
Ion Ratio Lower Upper
252 100
253 98.4 32.0 48.0#
125 92.1 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.445 min Scan# 5792
Delta R.T. 0.034 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:276 Resp: 1973
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.6 0.0 0.0#

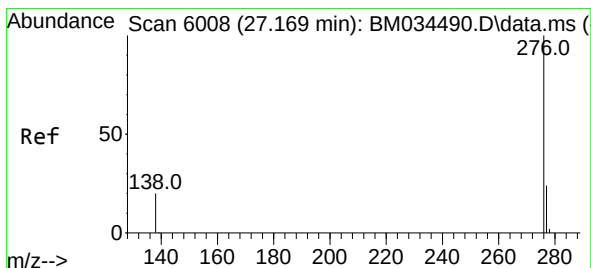
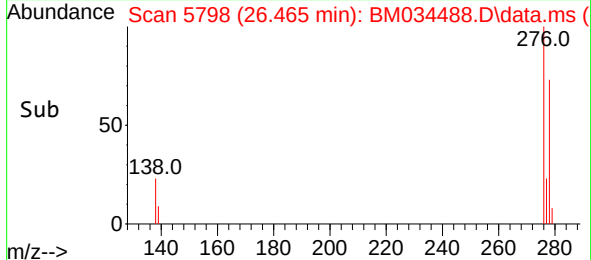
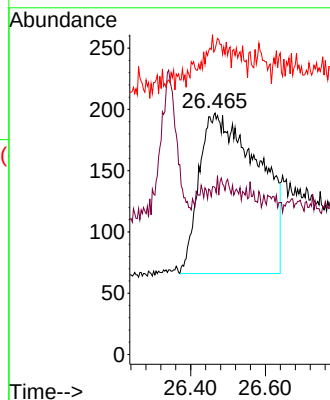
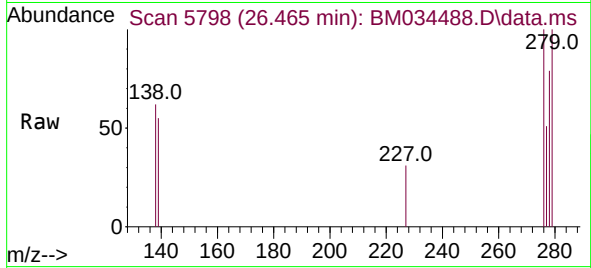




#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 26.465 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 1447
Ion Ratio Lower Upper
278 100
139 69.0 18.0 27.0#
279 126.4 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. 0.010 min
Lab File: BM034488.D
Acq: 04 Apr 2022 15:45

Tgt Ion:276 Resp: 2162
Ion Ratio Lower Upper
276 100
138 43.0 17.4 26.0#
277 39.1 22.6 33.8#

