

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034621.D
 Acq On : 12 Apr 2022 14:31
 Operator : CG/JU
 Sample : SSTD1.626
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Apr 12 15:14:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 14:58:22 2022
 Response via : Initial Calibration

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

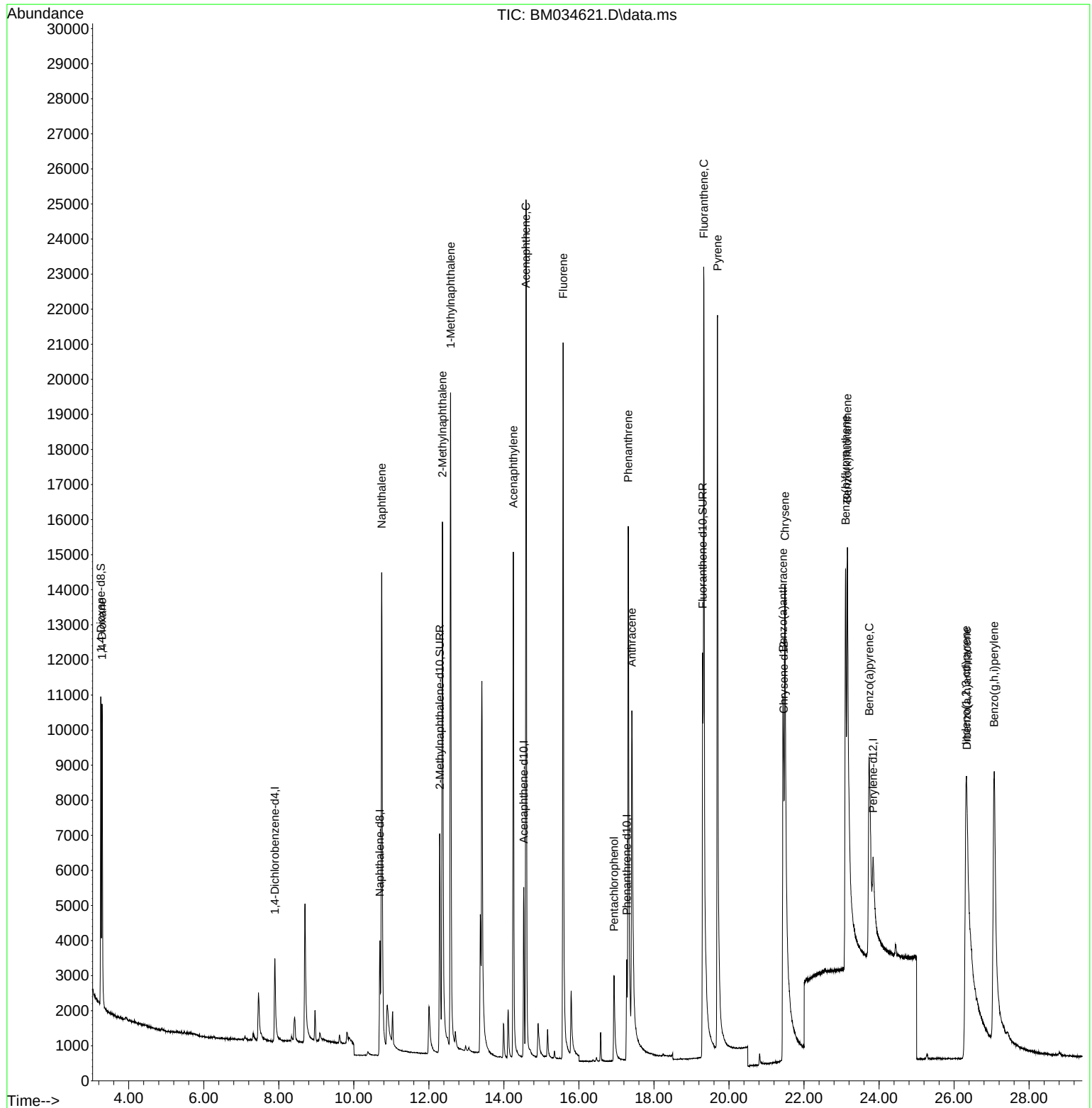
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	1965	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.694	136	5701	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.529	164	2818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	4768	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	4258	0.400	ng/ul	#-0.01
23) Perylene-d12	23.840	264	3671	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4811	1.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.289	152	11086	1.481	ng/ul	-0.02
18) Fluoranthene-d10	19.299	212	18164	1.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	4755	1.449	ng/ul#	84
5) Naphthalene	10.743	128	24405	1.369	ng/ul#	87
7) 2-Methylnaphthalene	12.360	142	14904	1.532	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	14881	1.520	ng/ul	99
10) Acenaphthylene	14.252	152	19438	1.491	ng/ul#	89
11) Acenaphthene	14.589	153	15600	1.478	ng/ul	95
12) Fluorene	15.579	166	16585	1.524	ng/ul#	95
14) Pentachlorophenol	16.938	266	2641	1.307	ng/ul	99
15) Phenanthrene	17.314	178	22555	1.457	ng/ul	95
16) Anthracene	17.411	178	18251	1.552	ng/ul#	92
19) Fluoranthene	19.331	202	25577	1.431	ng/ul	97
20) Pyrene	19.694	202	28745	1.376	ng/ul	99
21) Benzo(a)anthracene	21.440	228	14718	1.588	ng/ul	98
22) Chrysene	21.490	228	18232	1.665	ng/ul	97
24) Benzo(b)fluoranthene	23.109	252	19093	1.590	ng/ul	94
25) Benzo(k)fluoranthene	23.156	252	21337	1.992	ng/ul#	90
26) Benzo(a)pyrene	23.740	252	21147	1.508	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.315	276	28889	1.713	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.342	278	20972	1.708	ng/ul	92
29) Benzo(g,h,i)perylene	27.069	276	30079	1.645	ng/ul	95

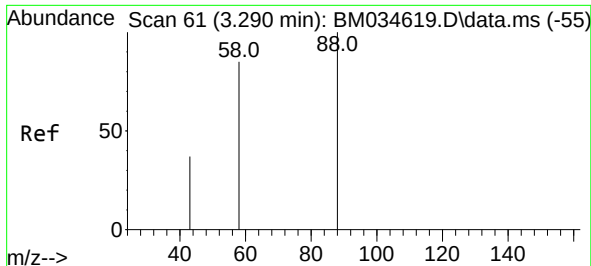
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
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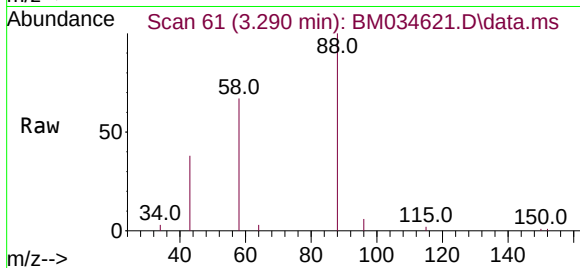
Quant Time: Apr 12 15:14:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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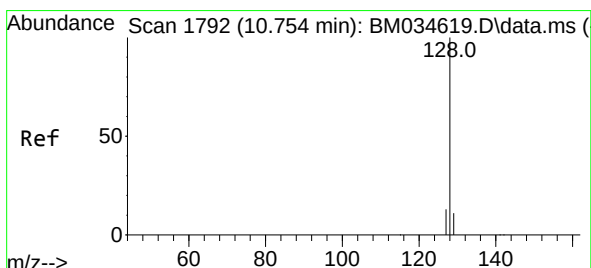
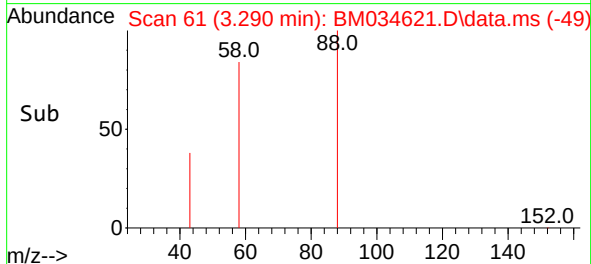
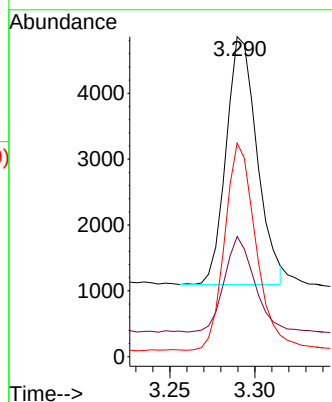


#2
1,4-Dioxane
Concen: 1.449 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

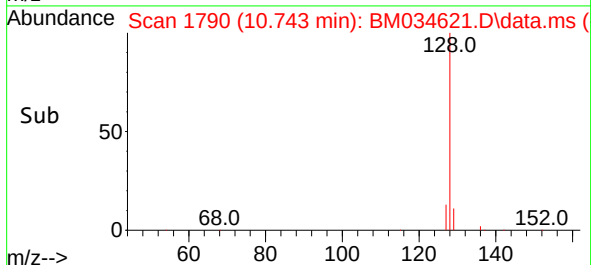
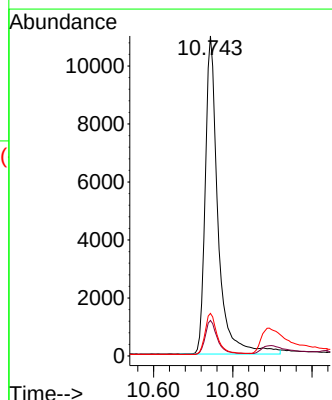
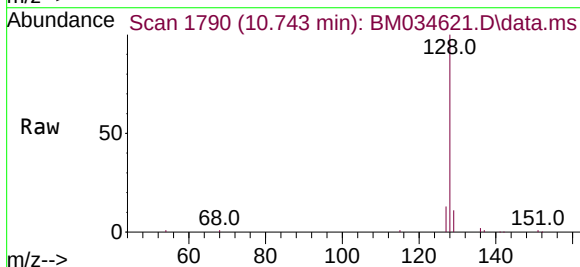


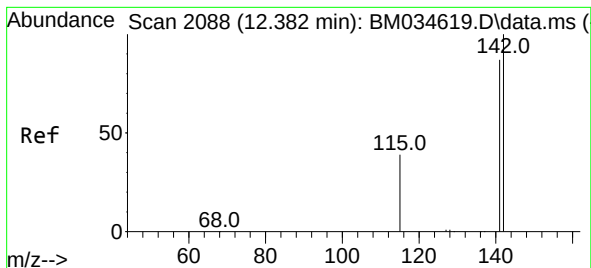
Tgt Ion: 88 Resp: 4755
Ion Ratio Lower Upper
88 100
43 37.6 49.7 74.5#
58 66.7 52.5 78.7



#5
Naphthalene
Concen: 1.369 ng/ul
RT: 10.743 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion: 128 Resp: 24405
Ion Ratio Lower Upper
128 100
129 11.1 13.4 20.2#
127 13.3 15.2 22.8#

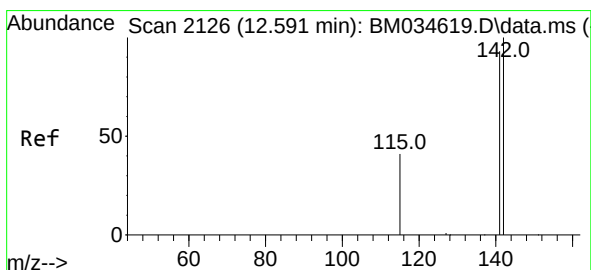
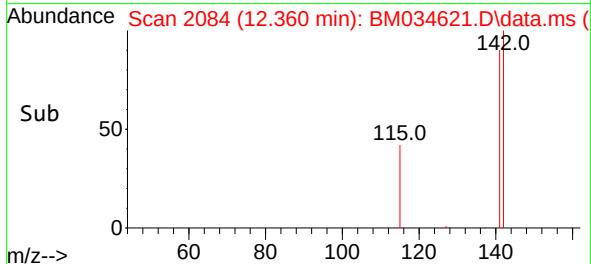
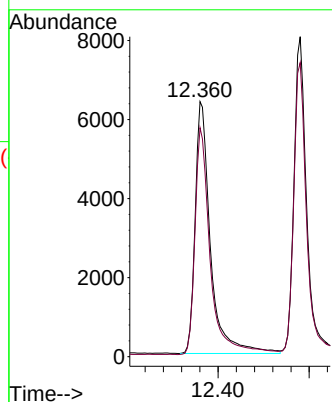
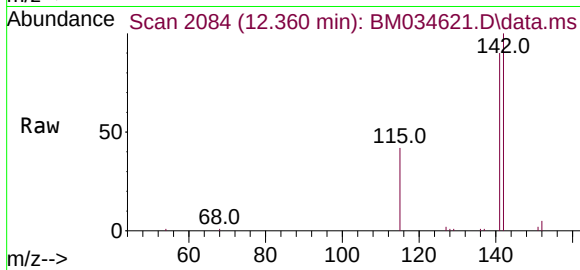




#7
2-Methylnaphthalene
Concen: 1.532 ng/ul
RT: 12.360 min Scan# 2088
Delta R.T. -0.022 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

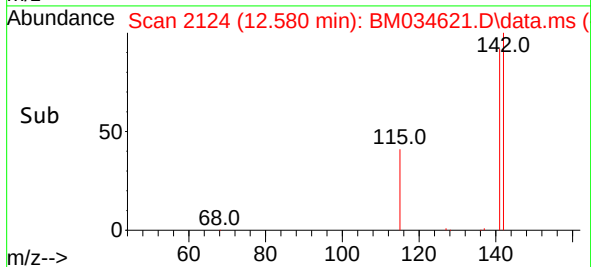
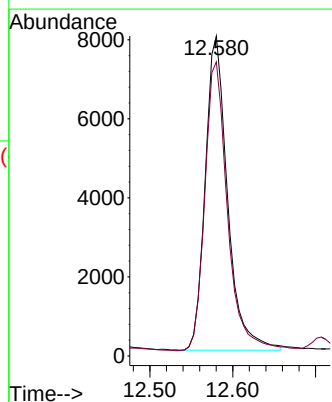
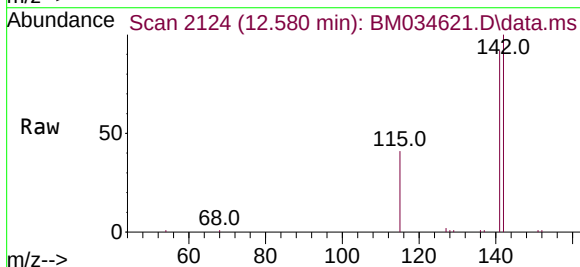
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

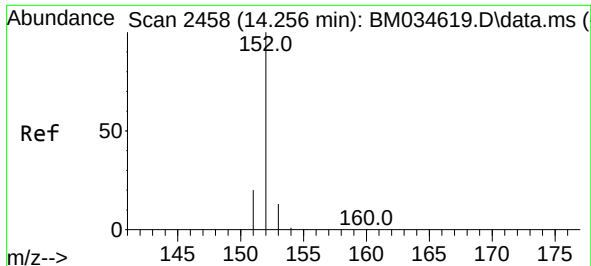
Tgt Ion:142 Resp: 14904
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.520 ng/ul
RT: 12.580 min Scan# 2124
Delta R.T. -0.011 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:142 Resp: 14881
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

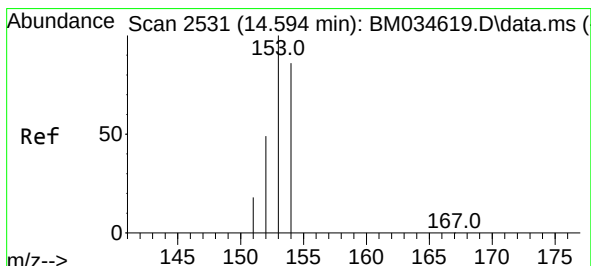
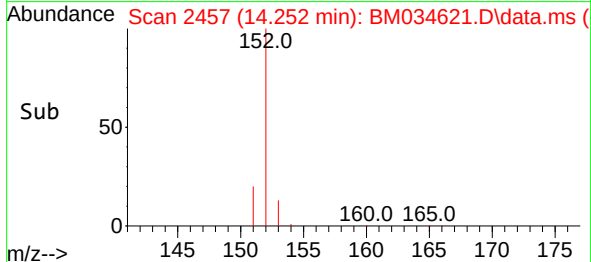
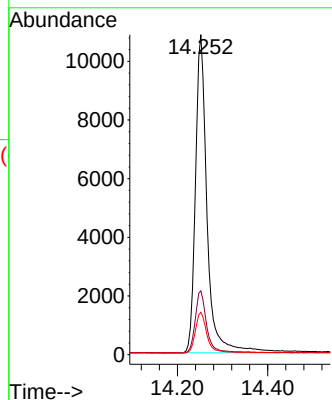
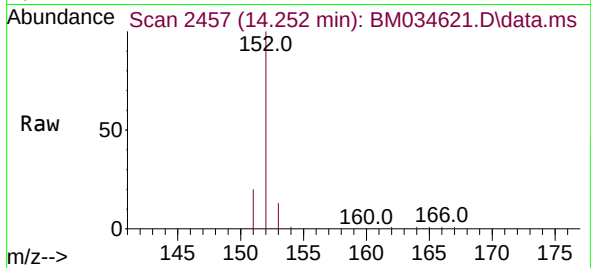




#10
Acenaphthylene
Concen: 1.491 ng/ul
RT: 14.252 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

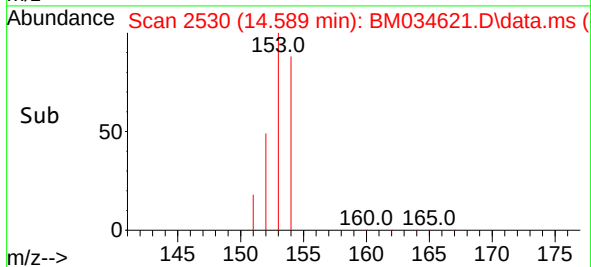
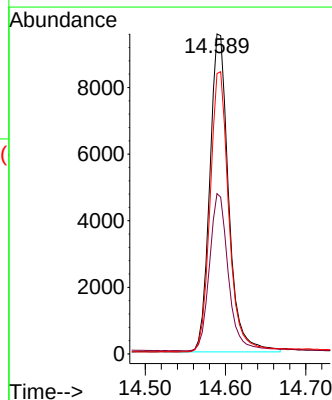
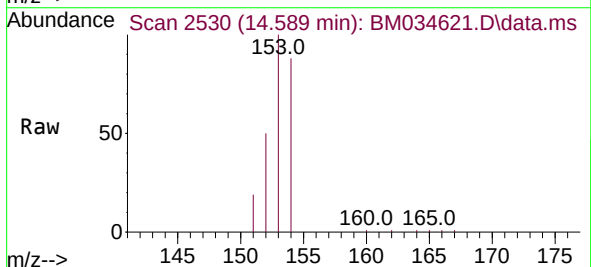
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

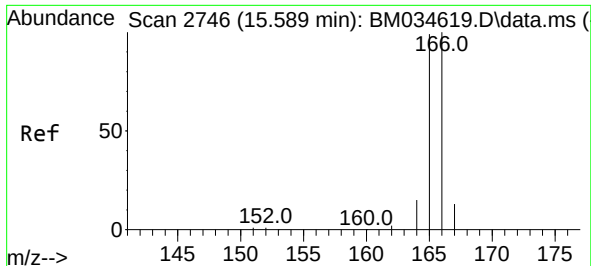
Tgt Ion:152 Resp: 19438
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.3 15.0 22.4#



#11
Acenaphthene
Concen: 1.478 ng/ul
RT: 14.589 min Scan# 2530
Delta R.T. -0.005 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:153 Resp: 15600
Ion Ratio Lower Upper
153 100
152 50.1 42.4 63.6
154 87.6 66.2 99.2

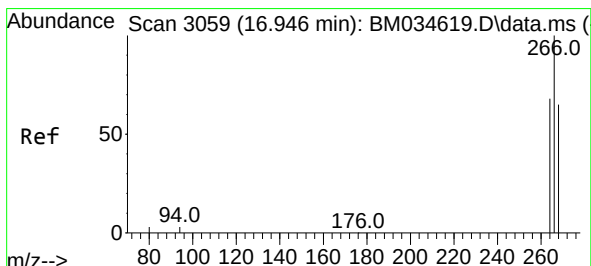
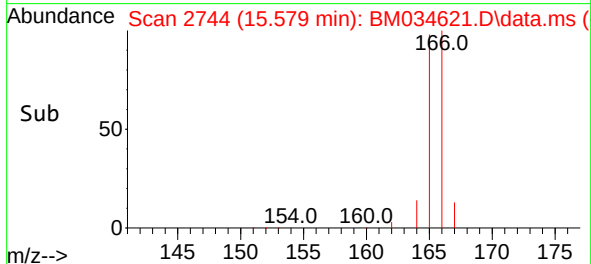
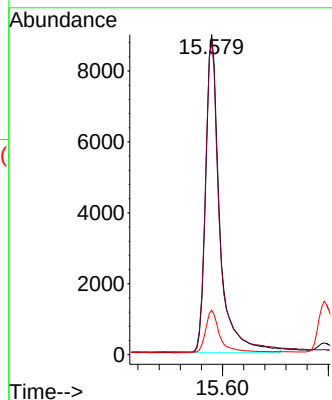
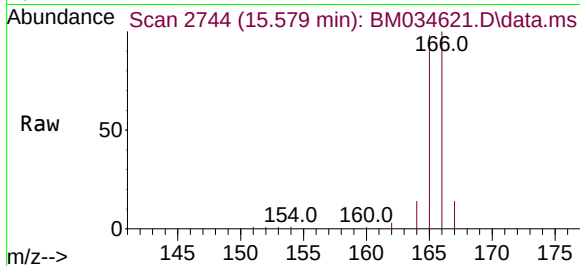




#12
Fluorene
Concen: 1.524 ng/ul
RT: 15.579 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

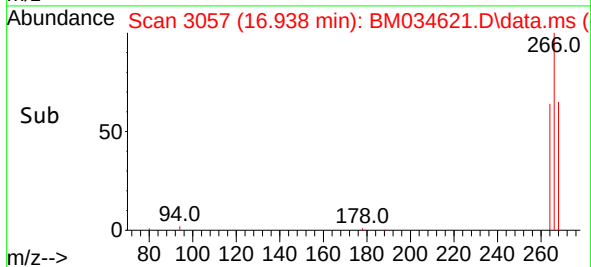
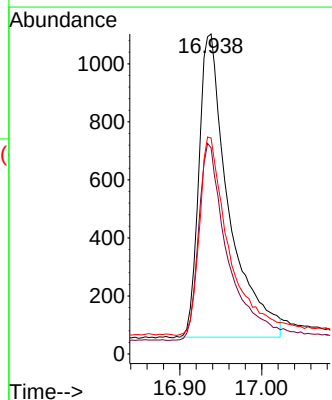
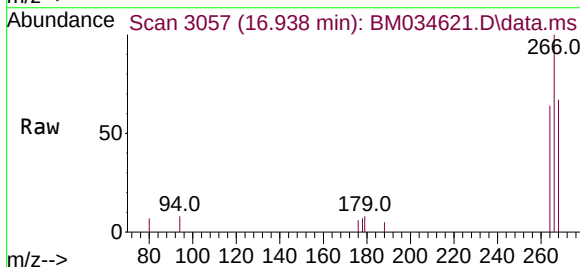
Instrument :
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ClientSampleId :
SSTD1.6026

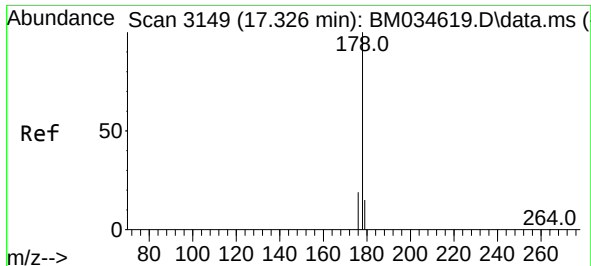
Tgt Ion:166 Resp: 16585
Ion Ratio Lower Upper
166 100
165 97.9 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.307 ng/ul
RT: 16.938 min Scan# 3057
Delta R.T. -0.008 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:266 Resp: 2641
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.9 53.1 79.7

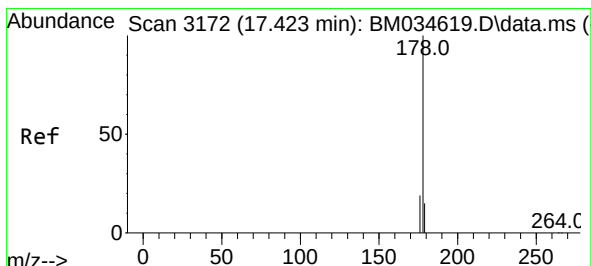
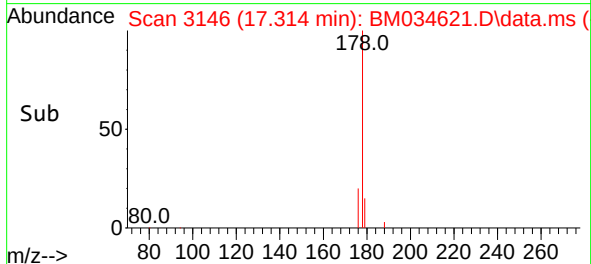
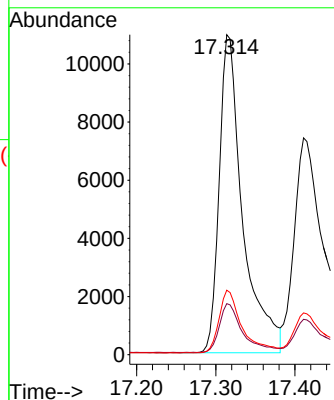
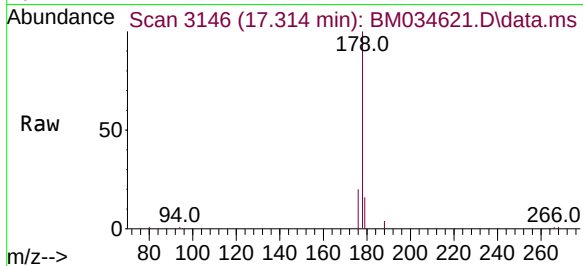




#15
Phenanthrene
Concen: 1.457 ng/ul
RT: 17.314 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

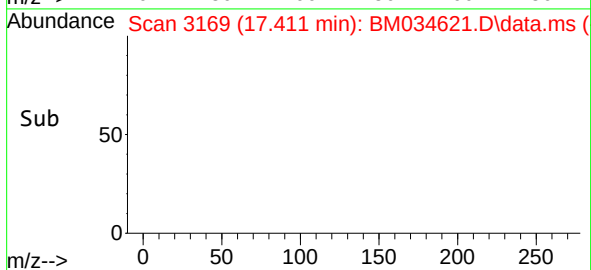
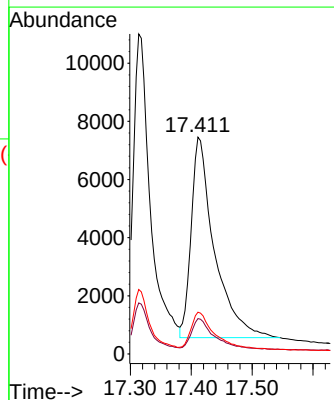
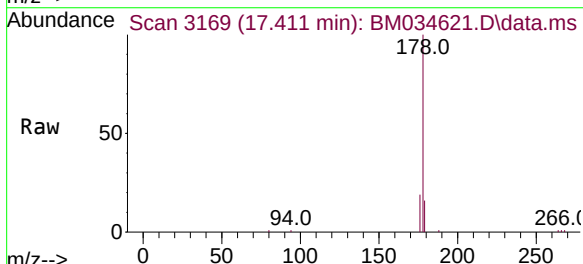
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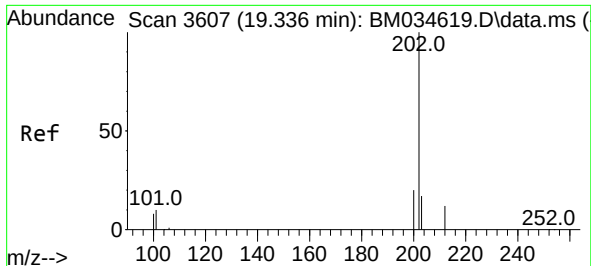
Tgt Ion:178 Resp: 22555
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 20.2 17.9 26.9



#16
Anthracene
Concen: 1.552 ng/ul
RT: 17.411 min Scan# 3169
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:178 Resp: 18251
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.3 18.3 27.5

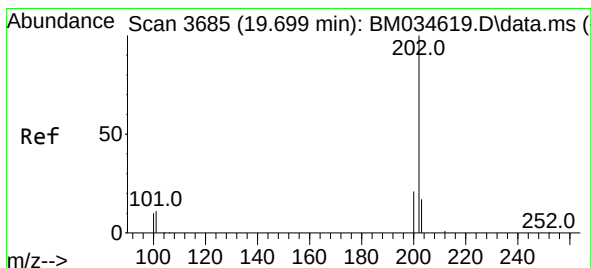
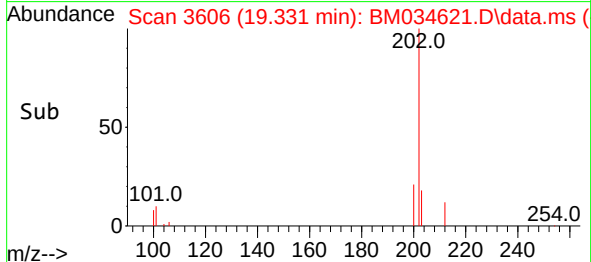
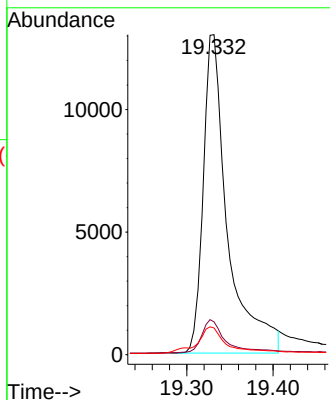
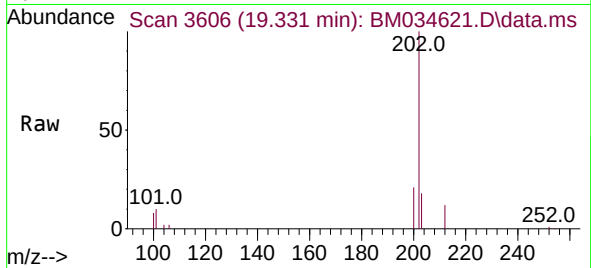




#19
Fluoranthene
Concen: 1.431 ng/ul
RT: 19.331 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

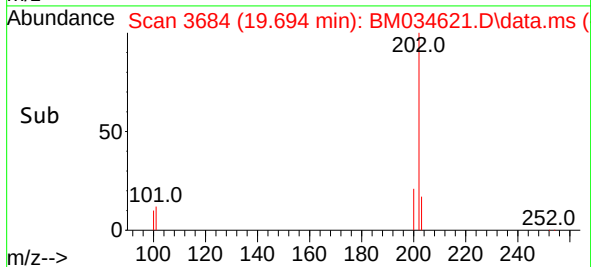
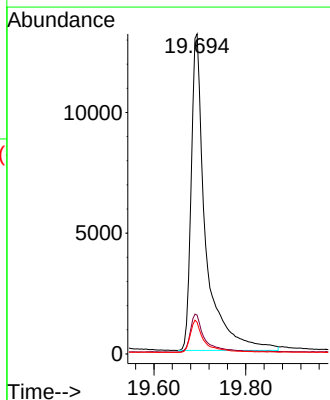
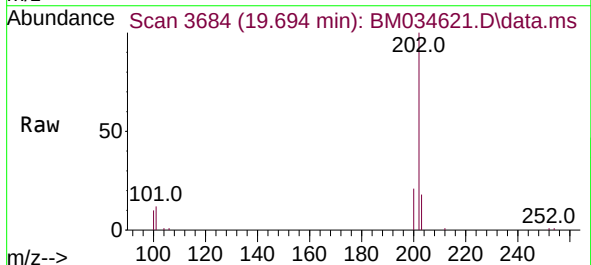
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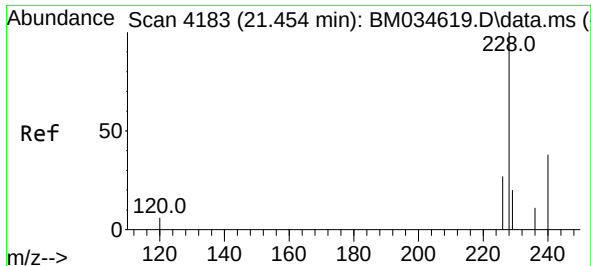
Tgt Ion:202 Resp: 25577
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 8.4 7.2 10.8



#20
Pyrene
Concen: 1.376 ng/ul
RT: 19.694 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:202 Resp: 28745
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.9 7.8 11.6

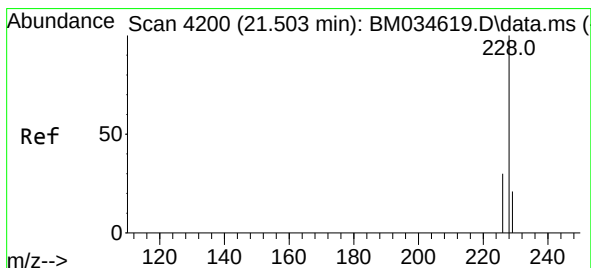
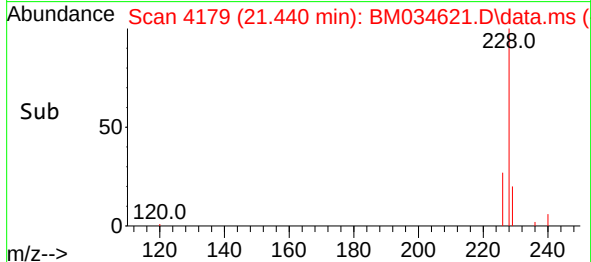
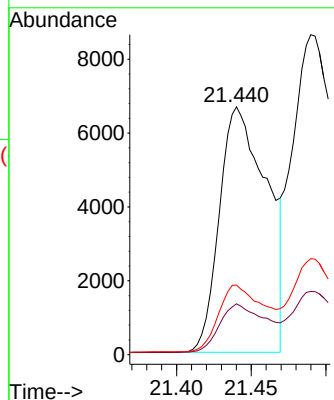
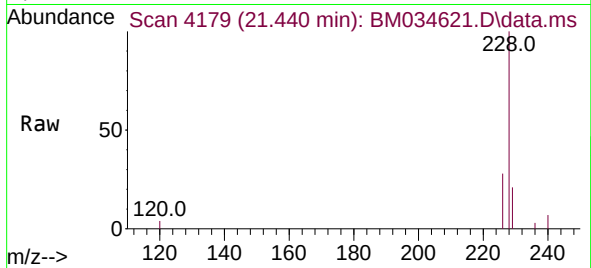




#21
Benzo(a)anthracene
Concen: 1.588 ng/ul
RT: 21.440 min Scan# 4183
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

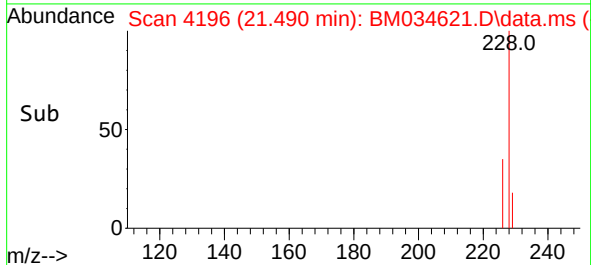
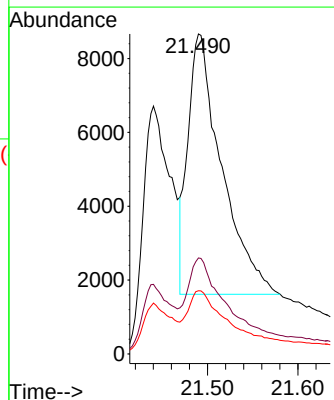
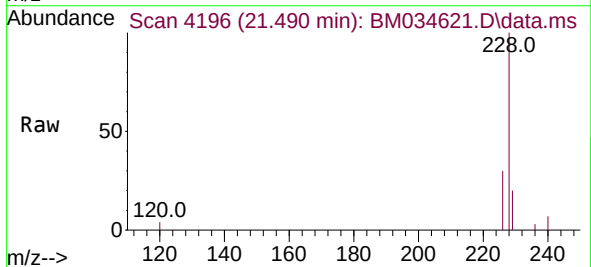
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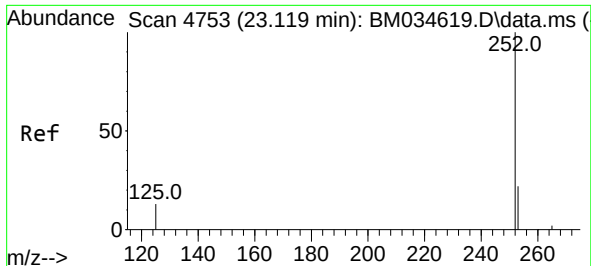
Tgt Ion:228 Resp: 14718
Ion Ratio Lower Upper
228 100
229 20.5 17.3 25.9
226 28.1 23.2 34.8



#22
Chrysene
Concen: 1.665 ng/ul
RT: 21.490 min Scan# 4196
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:228 Resp: 18232
Ion Ratio Lower Upper
228 100
226 30.0 25.8 38.8
229 19.7 16.7 25.1

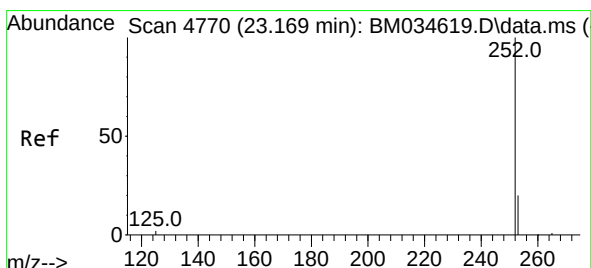
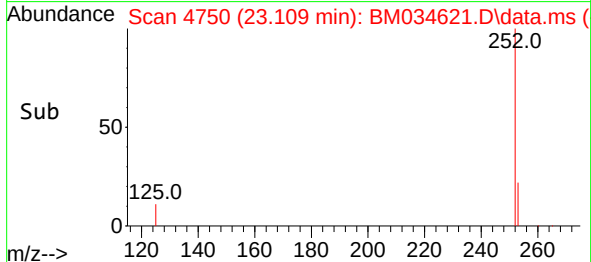
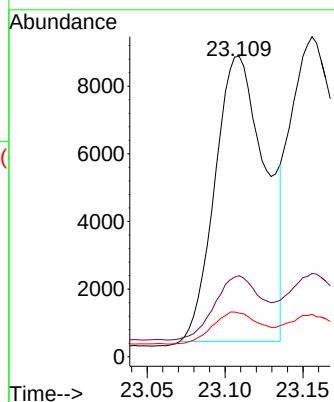
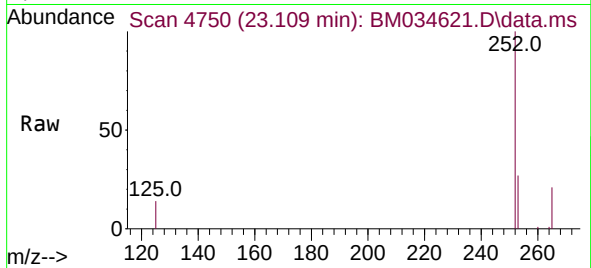




#24
Benzo(b)fluoranthene
Concen: 1.590 ng/ul
RT: 23.109 min Scan# 4750
Delta R.T. -0.010 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

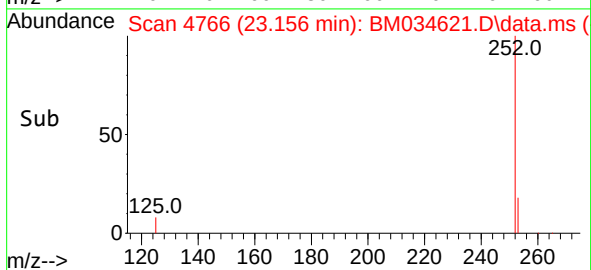
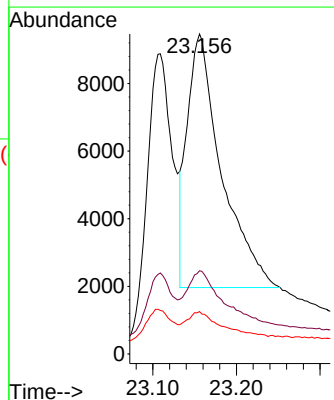
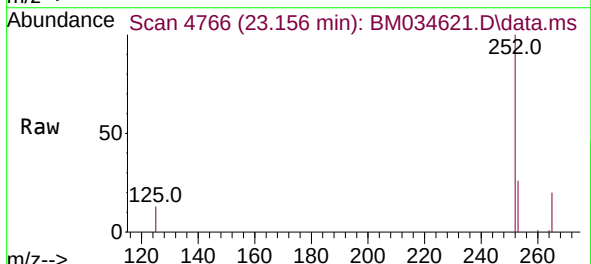
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

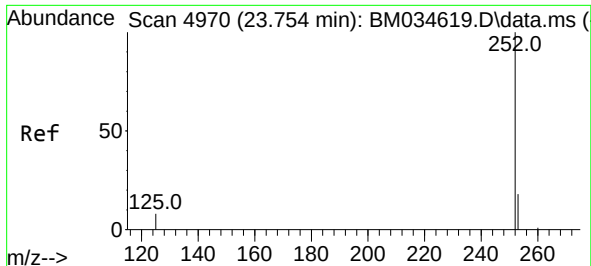
Tgt Ion:252 Resp: 19093
Ion Ratio Lower Upper
252 100
253 27.0 0.0 64.2
125 14.5 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.992 ng/ul
RT: 23.156 min Scan# 4766
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:252 Resp: 21337
Ion Ratio Lower Upper
252 100
253 26.0 26.8 40.2#
125 13.3 12.0 18.0

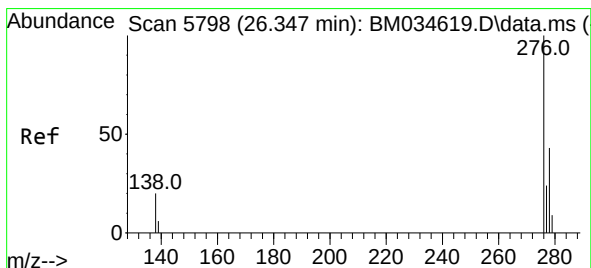
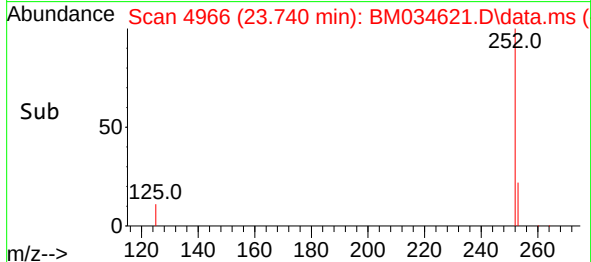
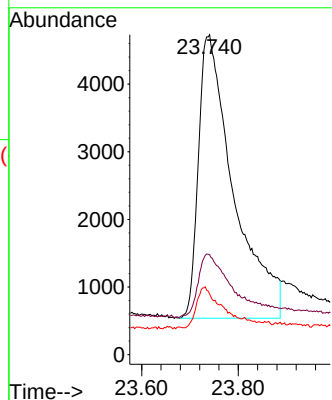
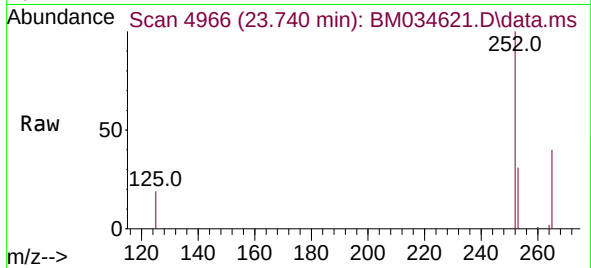




#26
Benzo(a)pyrene
Concen: 1.508 ng/ul
RT: 23.740 min Scan# 4970
Delta R.T. -0.013 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

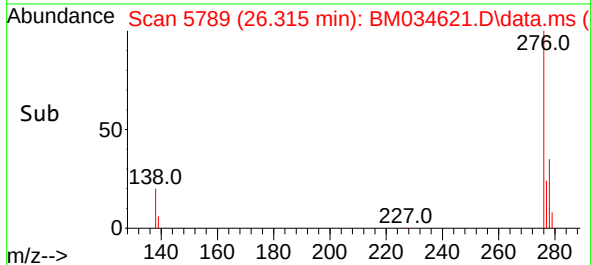
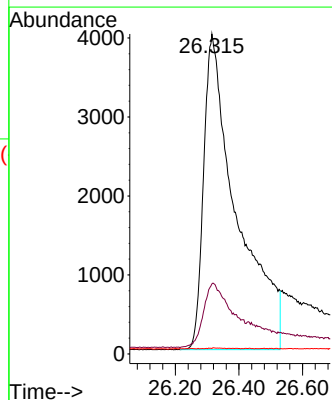
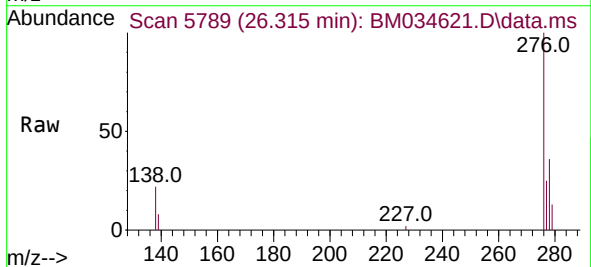
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

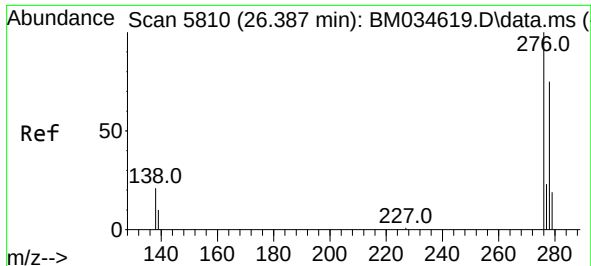
Tgt Ion:252 Resp: 21147
Ion Ratio Lower Upper
252 100
253 31.3 32.0 48.0#
125 18.9 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.713 ng/ul
RT: 26.315 min Scan# 5789
Delta R.T. -0.032 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:276 Resp: 28889
Ion Ratio Lower Upper
276 100
138 22.8 15.8 23.6
227 0.1 0.0 0.0#

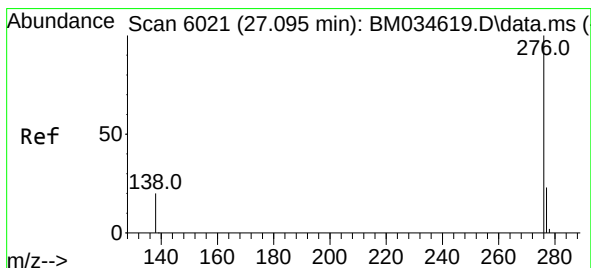
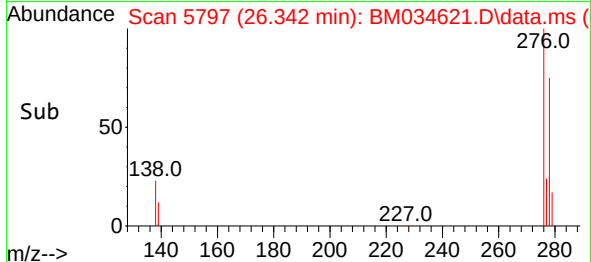
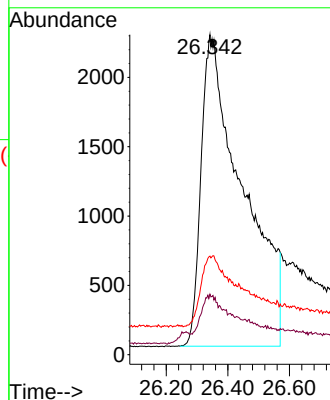
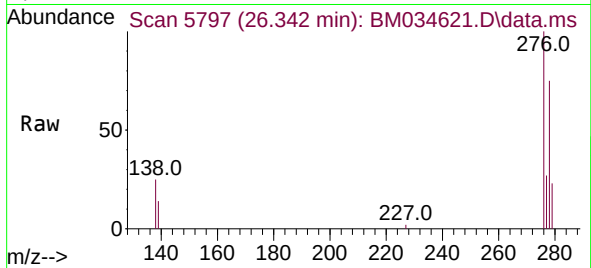




#28
Dibenzo(a,h)anthracene
Concen: 1.708 ng/ul
RT: 26.342 min Scan# 51
Delta R.T. -0.045 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:278 Resp: 20972
Ion Ratio Lower Upper
278 100
139 18.9 18.0 27.0
279 30.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 1.645 ng/ul
RT: 27.069 min Scan# 6014
Delta R.T. -0.025 min
Lab File: BM034621.D
Acq: 12 Apr 2022 14:31

Tgt Ion:276 Resp: 30079
Ion Ratio Lower Upper
276 100
138 21.0 17.4 26.0
277 24.3 22.6 33.8

