

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033625.D
 Acq On : 04 Jan 2022 14:47
 Operator : CG/JU
 Sample : SSTD1.640
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6040

Quant Time: Jan 04 15:29:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 14:17:24 2022
 Response via : Initial Calibration

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

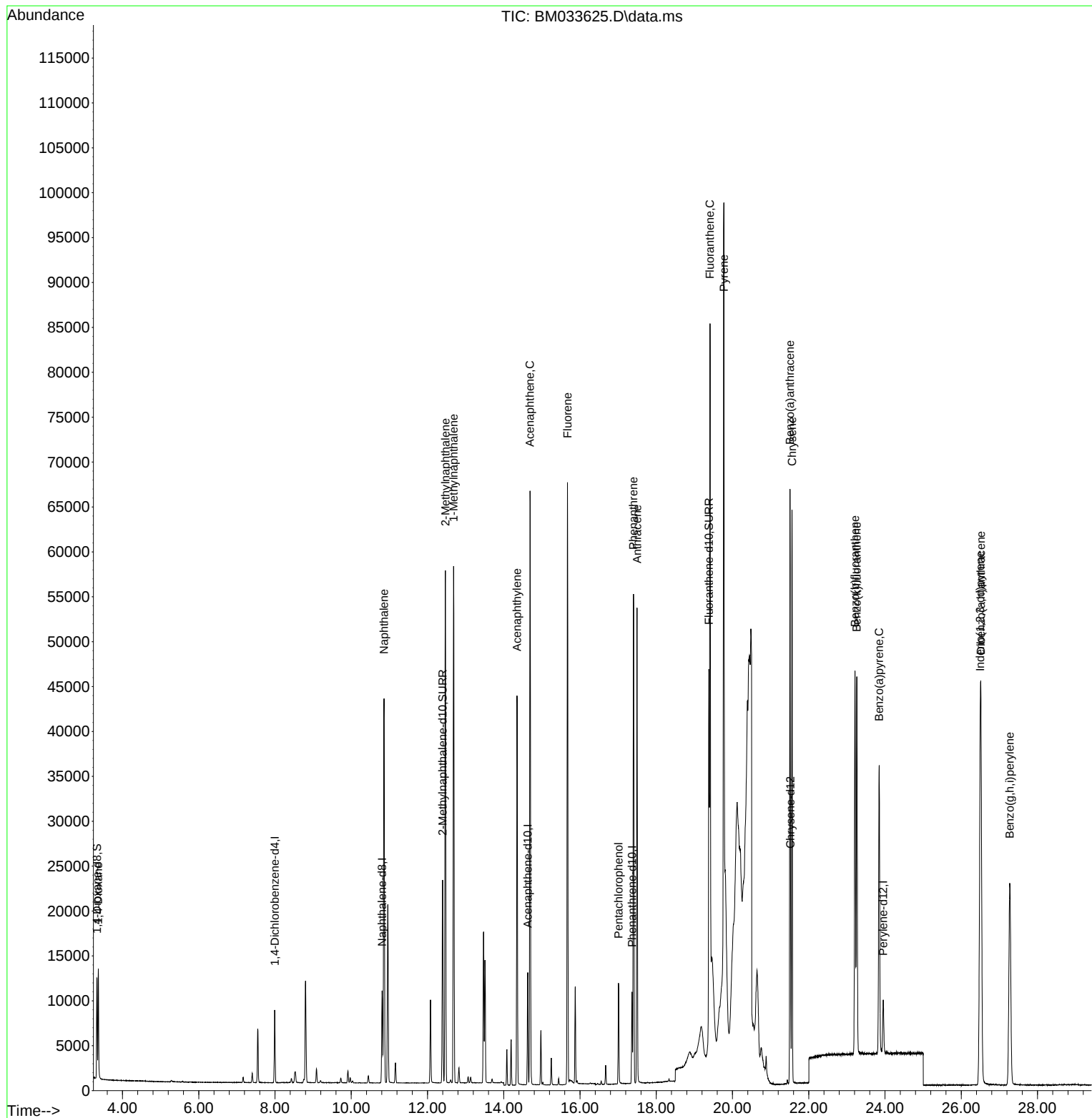
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	3854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	13034	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.629	164	6595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	11253	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	8315	0.400	ng/ul #	0.00
23) Perylene-d12	23.953	264	8279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	6174	1.877	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	27471	1.576	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	40386	2.100	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	6763	1.587	ng/ul#	74
5) Naphthalene	10.859	128	56943	1.322	ng/ul#	87
7) 2-Methylnaphthalene	12.470	142	37581	1.281	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	36729	1.341	ng/ul	100
10) Acenaphthylene	14.348	152	47354	1.340	ng/ul#	89
11) Acenaphthene	14.690	153	37049	1.375	ng/ul	96
12) Fluorene	15.672	166	40839	1.370	ng/ul#	97
14) Pentachlorophenol	17.011	266	6875	1.219	ng/ul	98
15) Phenanthrene	17.403	178	55993	1.534	ng/ul	94
16) Anthracene	17.497	178	53678	1.568	ng/ul#	91
19) Fluoranthene	19.410	202	60430	2.368	ng/ul	97
20) Pyrene	19.773	202	62107	2.326	ng/ul#	94
21) Benzo(a)anthracene	21.509	228	53313	2.334	ng/ul	97
22) Chrysene	21.562	228	52693	2.046	ng/ul	97
24) Benzo(b)fluoranthene	23.214	252	55927	2.136	ng/ul	88
25) Benzo(k)fluoranthene	23.260	252	54386	1.980	ng/ul#	86
26) Benzo(a)pyrene	23.846	252	48291	1.992	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.497	276	61335	1.826	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.516	278	48979	1.818	ng/ul#	87
29) Benzo(g,h,i)perylene	27.272	276	51711	1.745	ng/ul	91

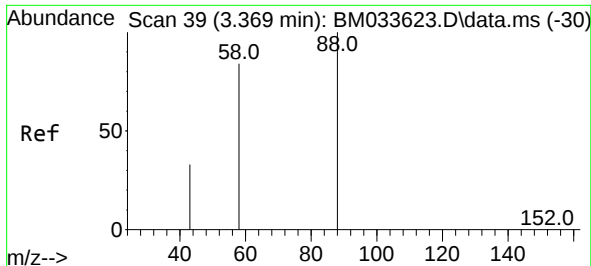
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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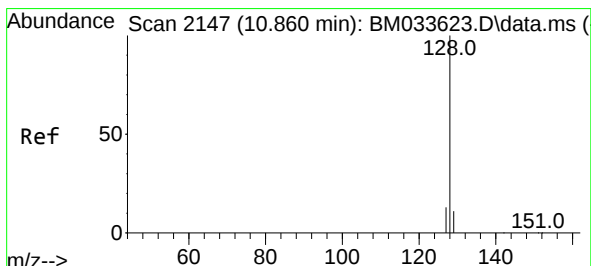
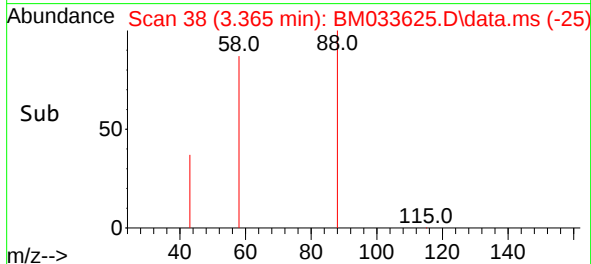
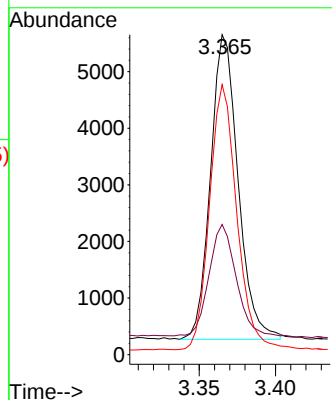
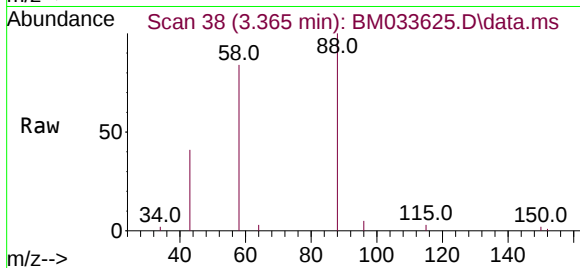




#2
1,4-Dioxane
Concen: 1.587 ng/ul
RT: 3.365 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

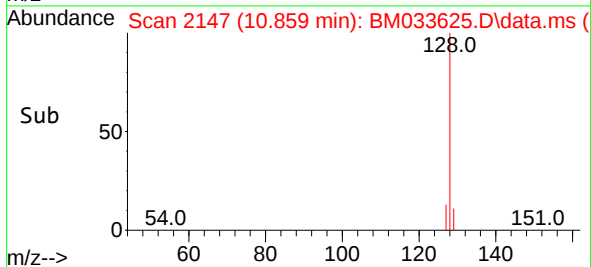
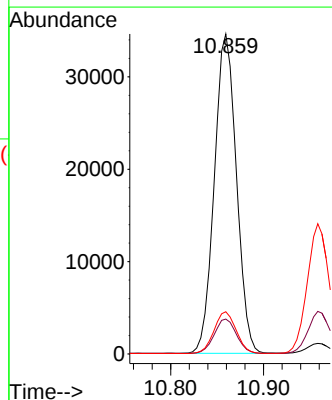
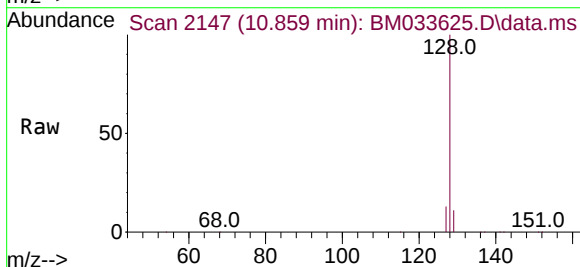
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

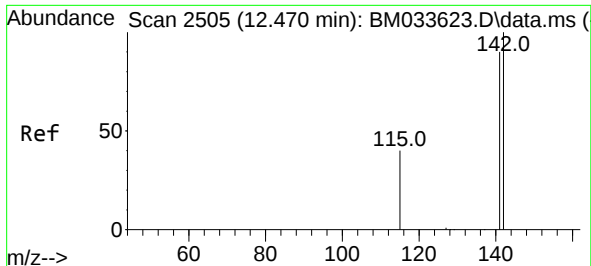
Tgt Ion: 88 Resp: 6763
Ion Ratio Lower Upper
88 100
43 40.7 49.7 74.5#
58 84.4 52.5 78.7#



#5
Naphthalene
Concen: 1.322 ng/ul
RT: 10.859 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion: 128 Resp: 56943
Ion Ratio Lower Upper
128 100
129 10.9 13.4 20.2#
127 13.2 15.2 22.8#

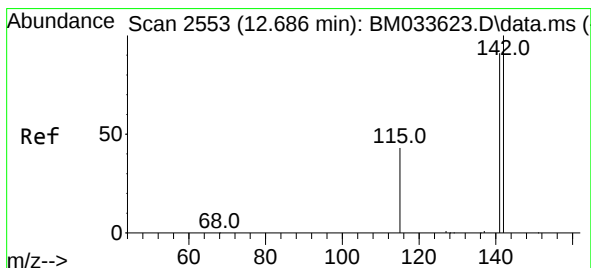
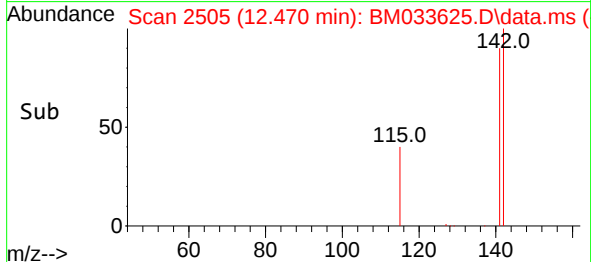
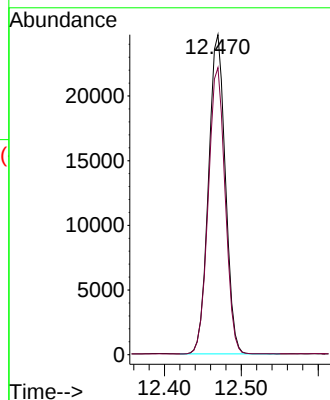
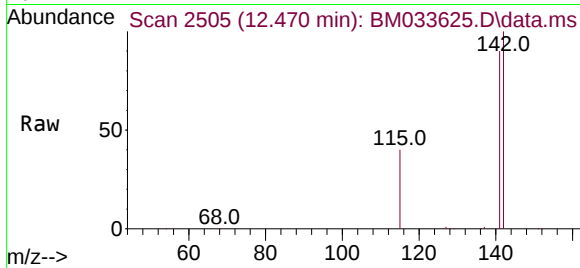




#7
2-Methylnaphthalene
Concen: 1.281 ng/ul
RT: 12.470 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

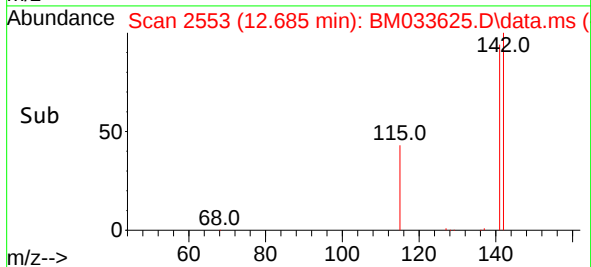
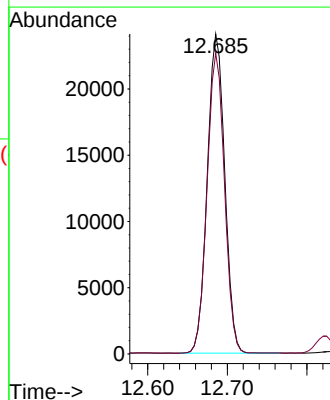
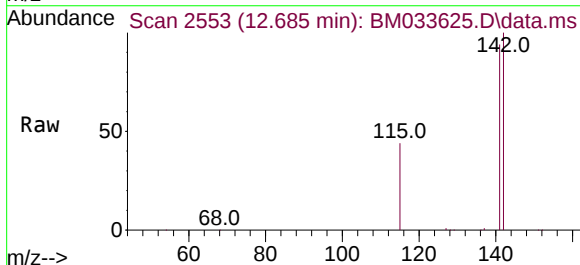
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

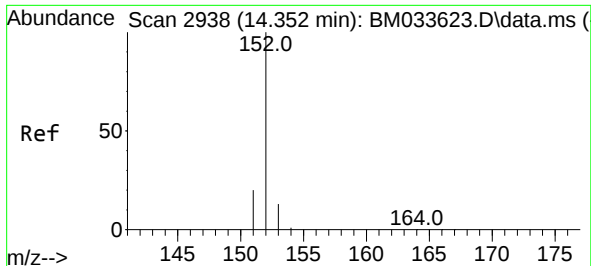
Tgt Ion:142 Resp: 37581
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.341 ng/ul
RT: 12.685 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:142 Resp: 36729
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

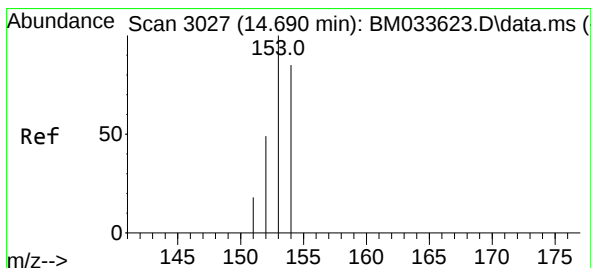
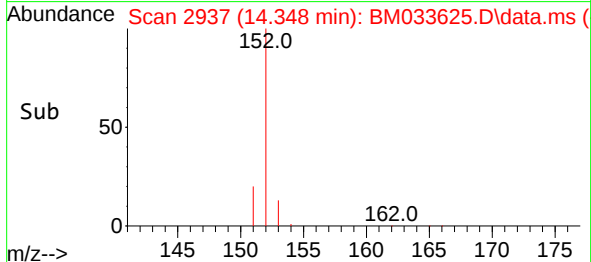
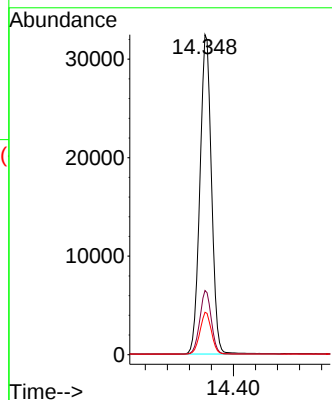
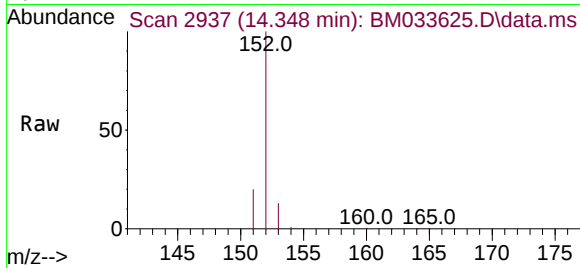




#10
Acenaphthylene
Concen: 1.340 ng/ul
RT: 14.348 min Scan# 2938
Delta R.T. -0.004 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

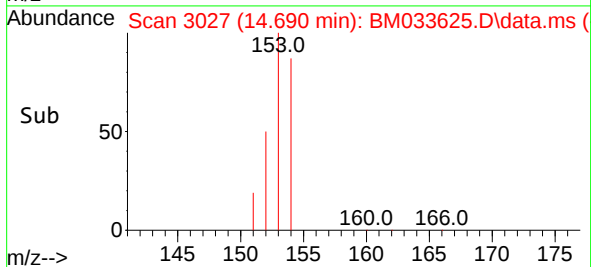
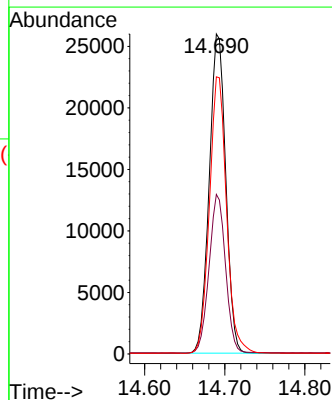
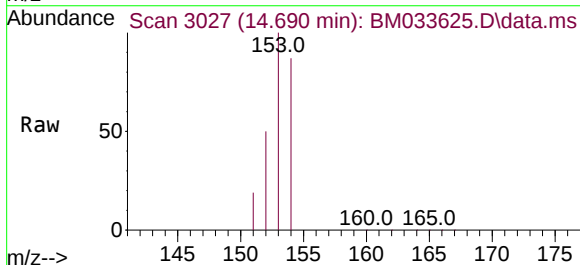
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

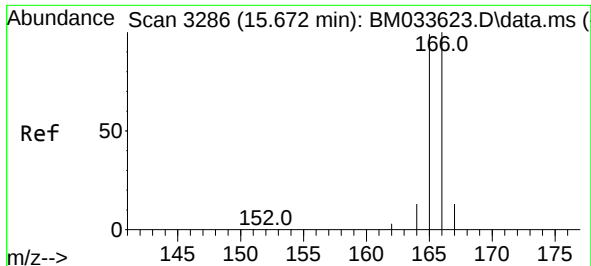
Tgt Ion:152 Resp: 47354
Ion Ratio Lower Upper
152 100
151 20.1 19.9 29.9
153 13.2 15.0 22.4#



#11
Acenaphthene
Concen: 1.375 ng/ul
RT: 14.690 min Scan# 3027
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:153 Resp: 37049
Ion Ratio Lower Upper
153 100
152 49.9 42.4 63.6
154 86.6 66.2 99.2

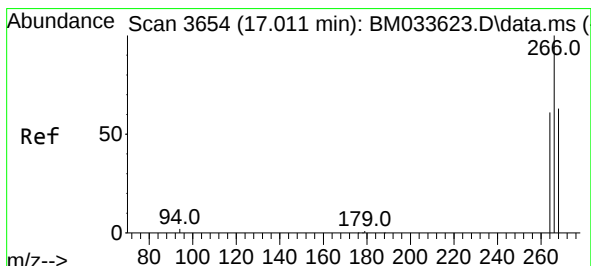
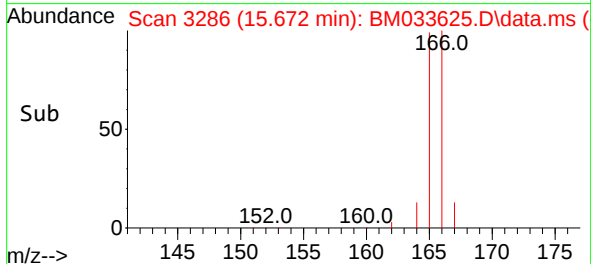
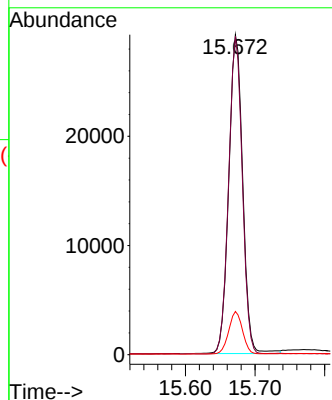
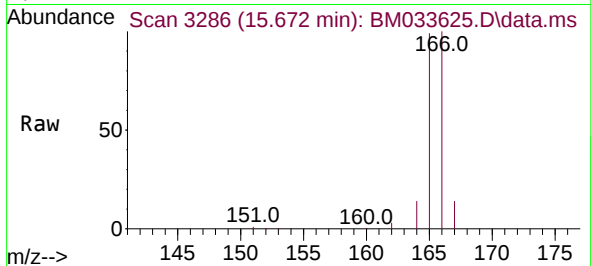




#12
Fluorene
Concen: 1.370 ng/ul
RT: 15.672 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

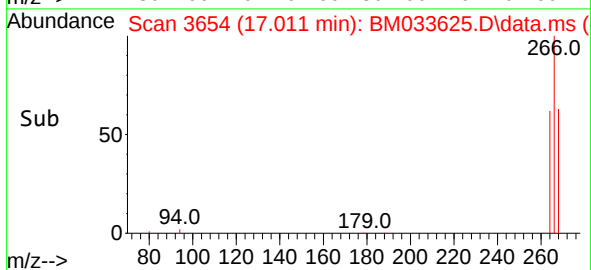
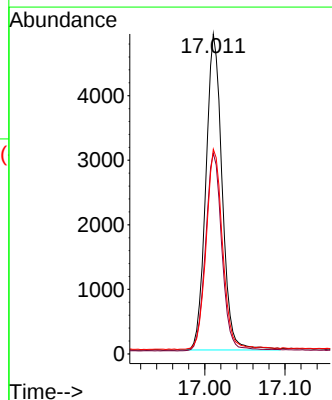
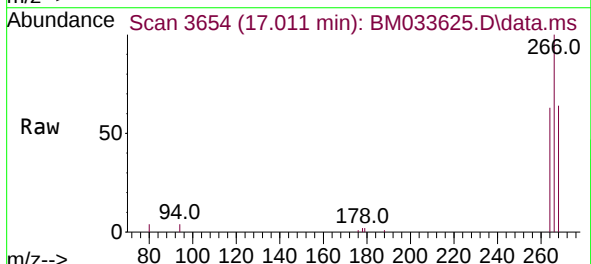
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

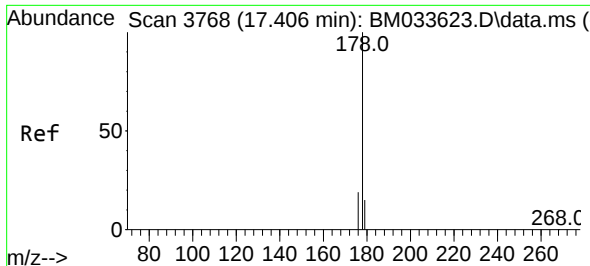
Tgt Ion:166 Resp: 40839
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 13.5 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.219 ng/ul
RT: 17.011 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:266 Resp: 6875
Ion Ratio Lower Upper
266 100
264 63.1 51.4 77.0
268 64.1 53.1 79.7

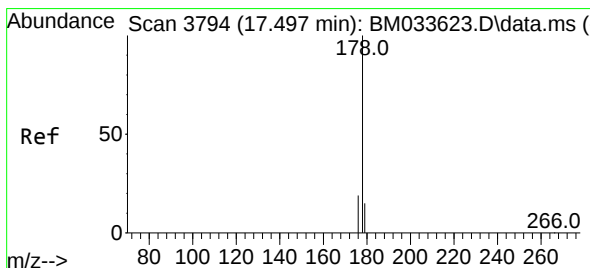
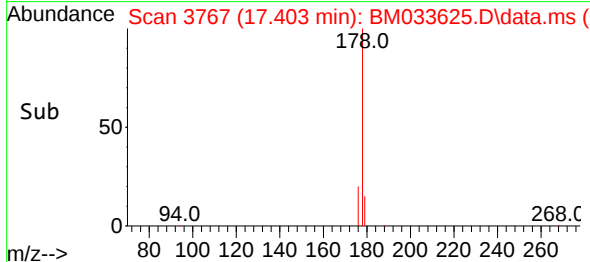
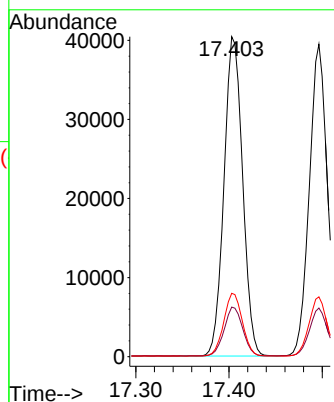
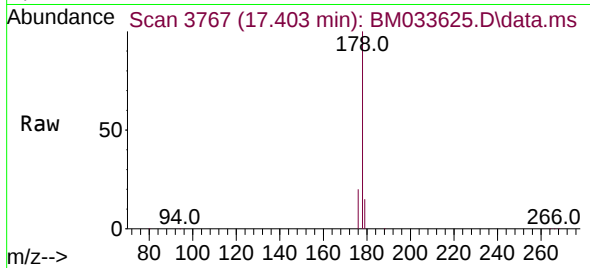




#15
Phenanthrene
Concen: 1.534 ng/ul
RT: 17.403 min Scan# 3767
Delta R.T. -0.004 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

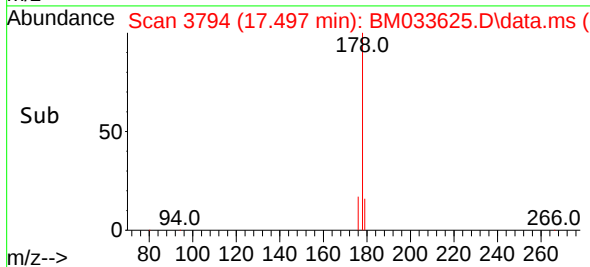
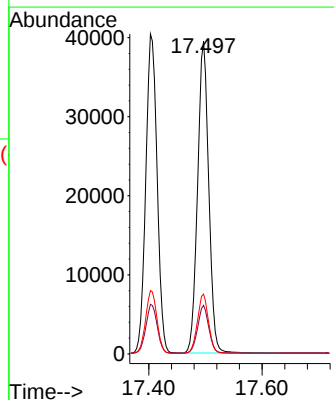
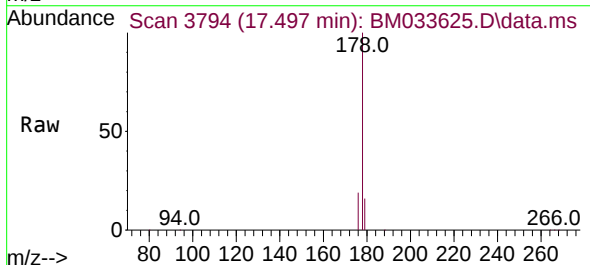
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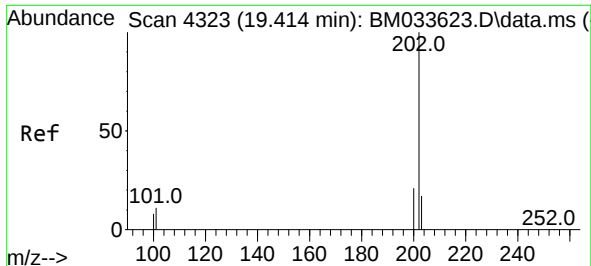
Tgt Ion:178	Resp:	55993
Ion Ratio	Lower	Upper
178	100	
179	15.5	15.0 22.6
176	19.8	17.9 26.9



#16
Anthracene
Concen: 1.568 ng/ul
RT: 17.497 min Scan# 3794
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:178	Resp:	53678
Ion Ratio	Lower	Upper
178	100	
179	15.5	16.5 24.7#
176	19.1	18.3 27.5

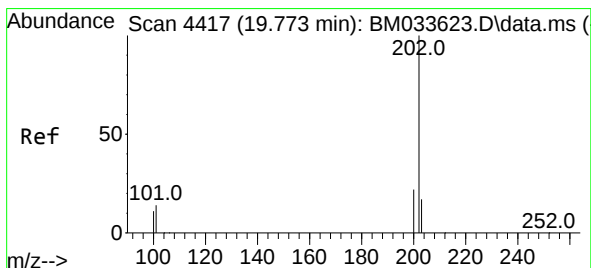
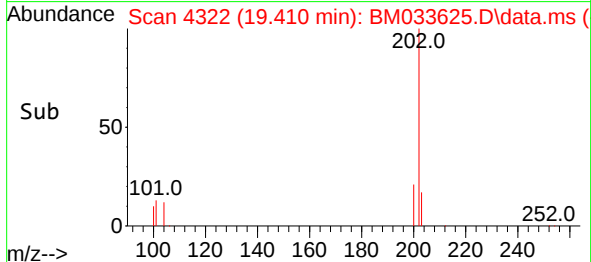
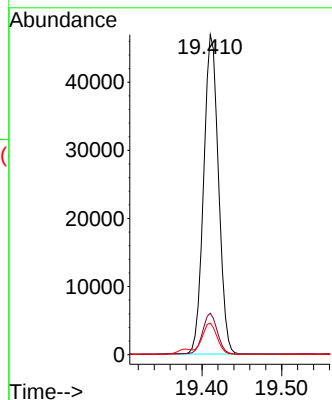
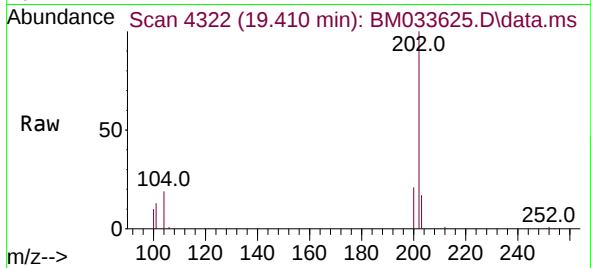




#19
Fluoranthene
Concen: 2.368 ng/ul
RT: 19.410 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

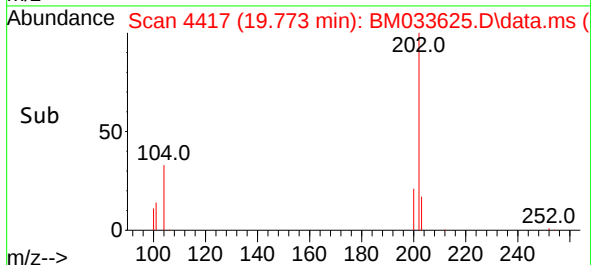
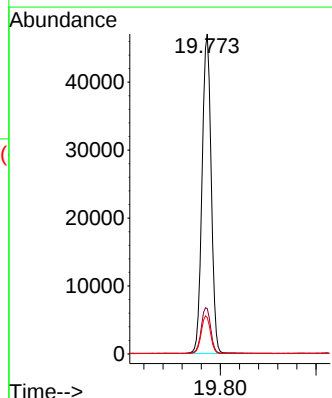
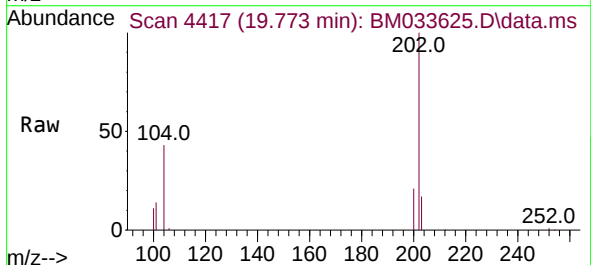
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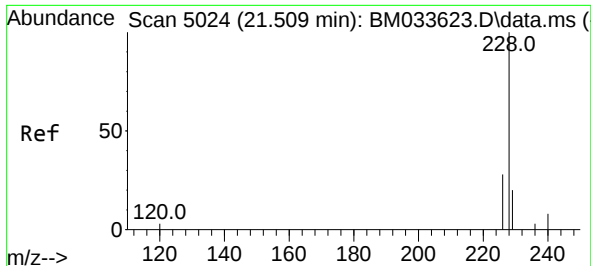
Tgt Ion:202 Resp: 60430
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 9.9 7.2 10.8



#20
Pyrene
Concen: 2.326 ng/ul
RT: 19.773 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:202 Resp: 62107
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 11.4 7.8 11.6

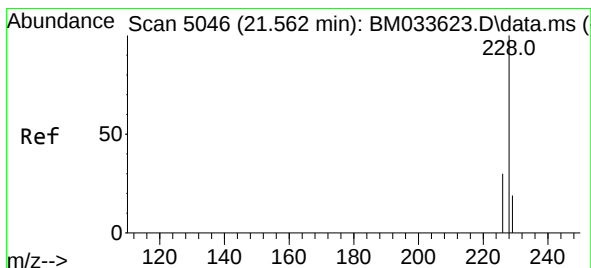
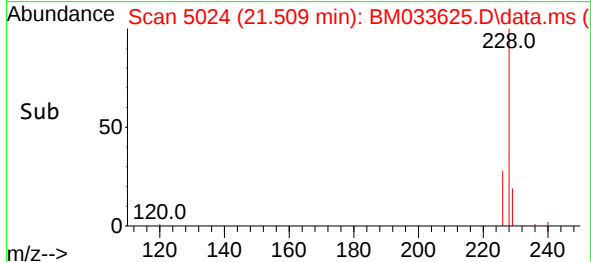
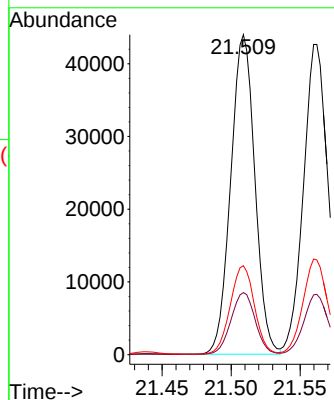
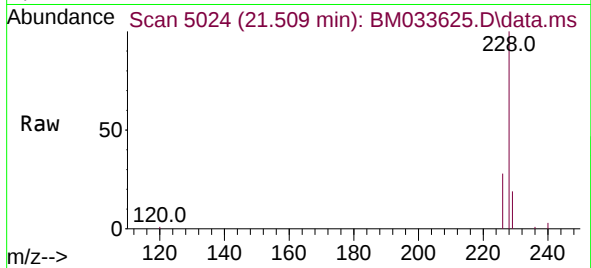




#21
Benzo(a)anthracene
Concen: 2.334 ng/ul
RT: 21.509 min Scan# 5024
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

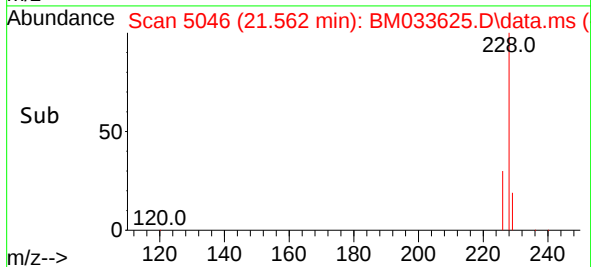
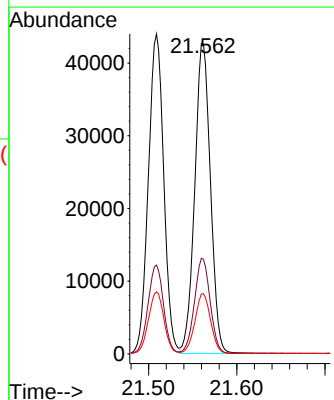
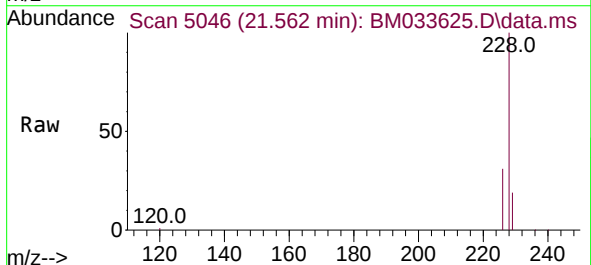
Instrument :
BNA_M
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SSTD1.6040

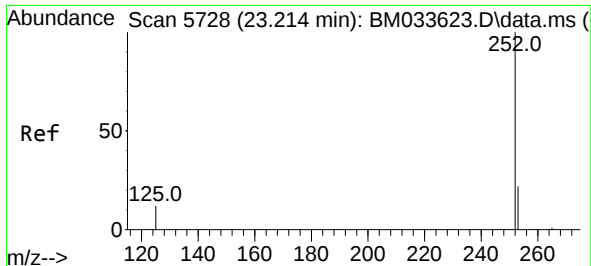
Tgt Ion:228 Resp: 53313
Ion Ratio Lower Upper
228 100
229 19.4 17.3 25.9
226 27.8 23.2 34.8



#22
Chrysene
Concen: 2.046 ng/ul
RT: 21.562 min Scan# 5046
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:228 Resp: 52693
Ion Ratio Lower Upper
228 100
226 30.5 25.8 38.8
229 19.4 16.7 25.1

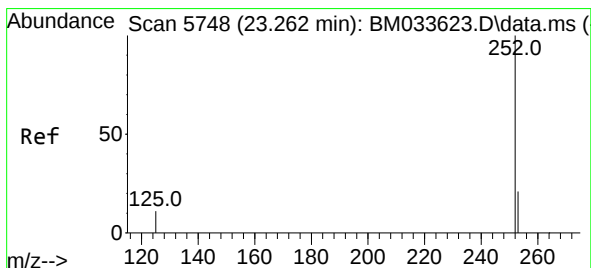
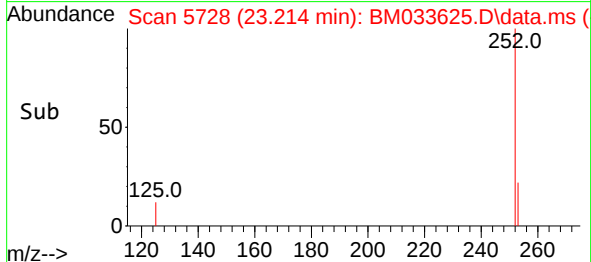
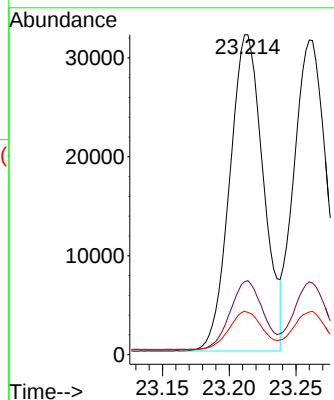
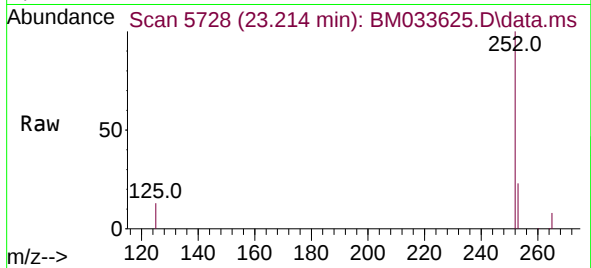




#24
Benzo(b)fluoranthene
Concen: 2.136 ng/ul
RT: 23.214 min Scan# 5728
Delta R.T. -0.000 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

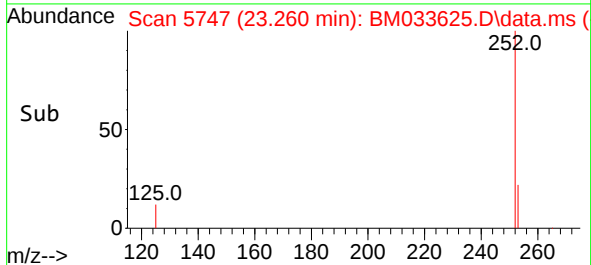
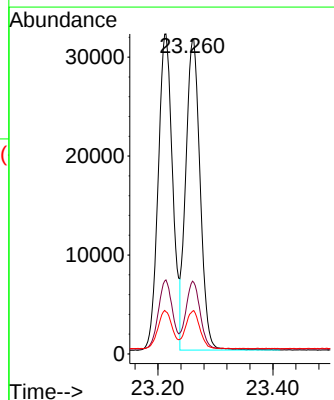
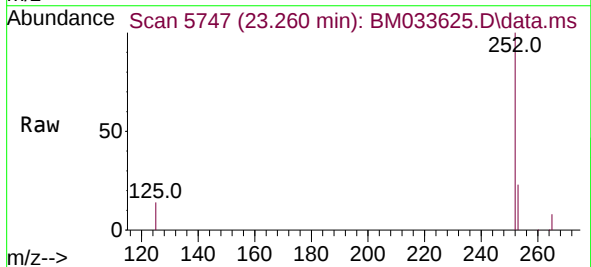
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

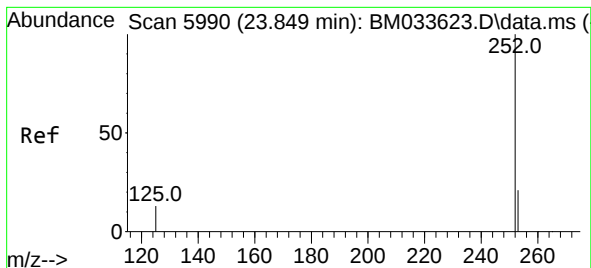
Tgt Ion:252 Resp: 55927
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 13.2 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.980 ng/ul
RT: 23.260 min Scan# 5747
Delta R.T. -0.003 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:252 Resp: 54386
Ion Ratio Lower Upper
252 100
253 23.1 26.8 40.2#
125 13.6 12.0 18.0





#26

Benzo(a)pyrene

Concen: 1.992 ng/ul

RT: 23.846 min Scan# 5990

Delta R.T. -0.003 min

Lab File: BM033625.D

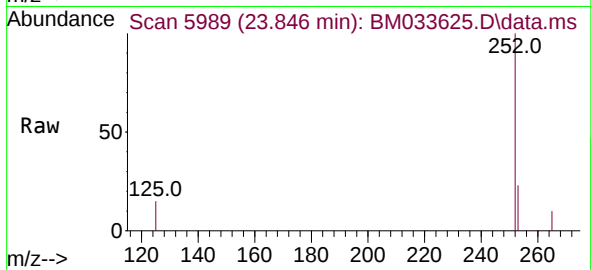
Acq: 04 Jan 2022 14:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6040



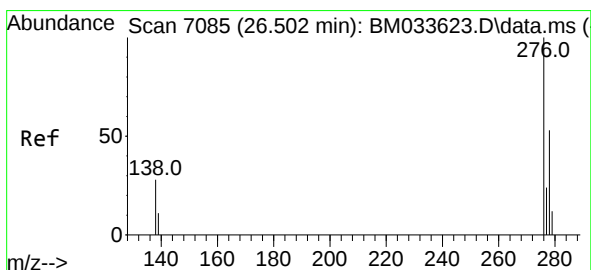
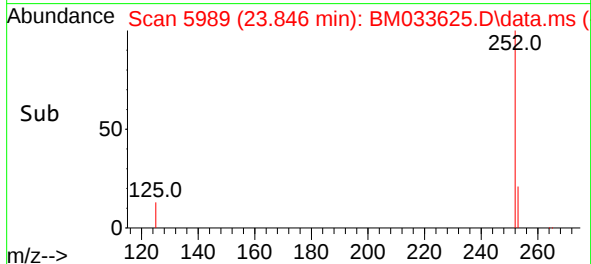
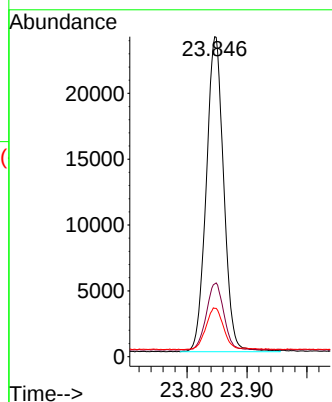
Tgt Ion:252 Resp: 48291

Ion Ratio Lower Upper

252 100

253 22.8 32.0 48.0#

125 15.1 14.5 21.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.826 ng/ul

RT: 26.497 min Scan# 7083

Delta R.T. -0.005 min

Lab File: BM033625.D

Acq: 04 Jan 2022 14:47

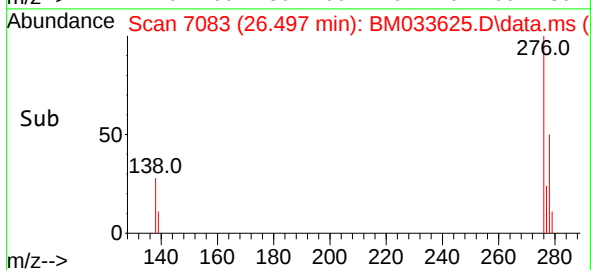
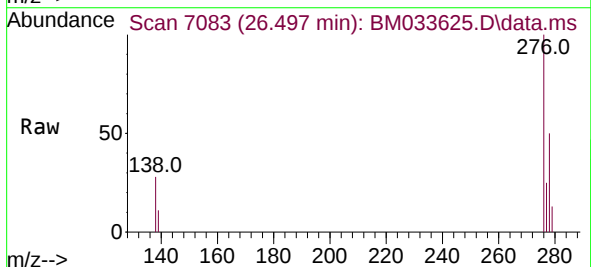
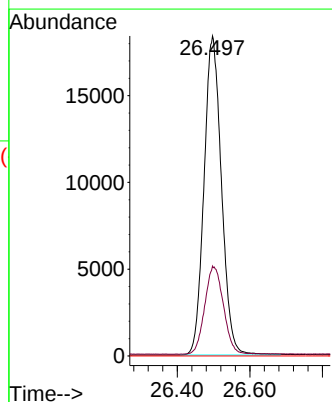
Tgt Ion:276 Resp: 61335

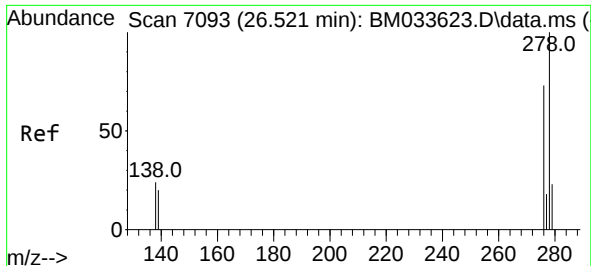
Ion Ratio Lower Upper

276 100

138 29.5 15.8 23.6#

227 0.0 0.0 0.0

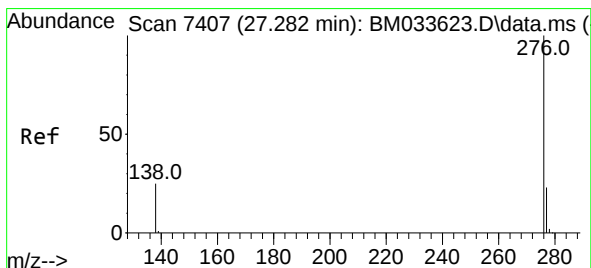
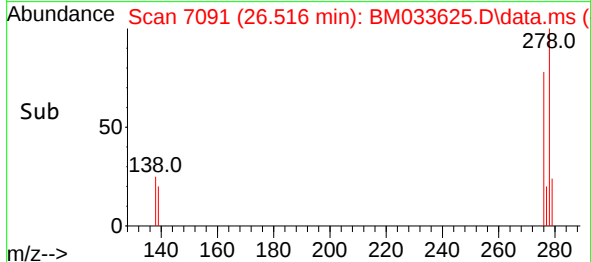
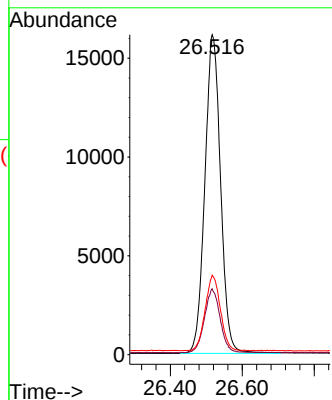
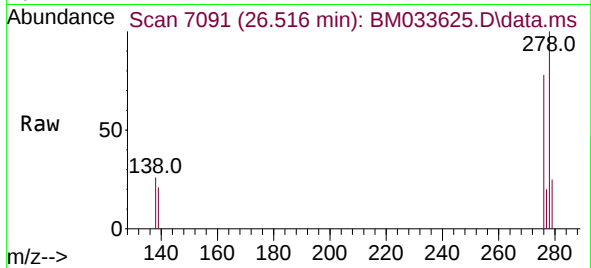




#28
Dibenzo(a,h)anthracene
Concen: 1.818 ng/ul
RT: 26.516 min Scan# 7091
Delta R.T. -0.005 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

Tgt Ion:278 Resp: 48979
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 24.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 1.745 ng/ul
RT: 27.272 min Scan# 7403
Delta R.T. -0.010 min
Lab File: BM033625.D
Acq: 04 Jan 2022 14:47

Tgt Ion:276 Resp: 51711
Ion Ratio Lower Upper
276 100
138 25.9 17.4 26.0
277 23.7 22.6 33.8

