

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
 Data File : BM036844.D
 Acq On : 06 Oct 2022 15:11
 Operator : CG/JU
 Sample : SST0.870
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

Quant Time: Oct 06 16:14:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 16:12:30 2022
 Response via : Initial Calibration

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

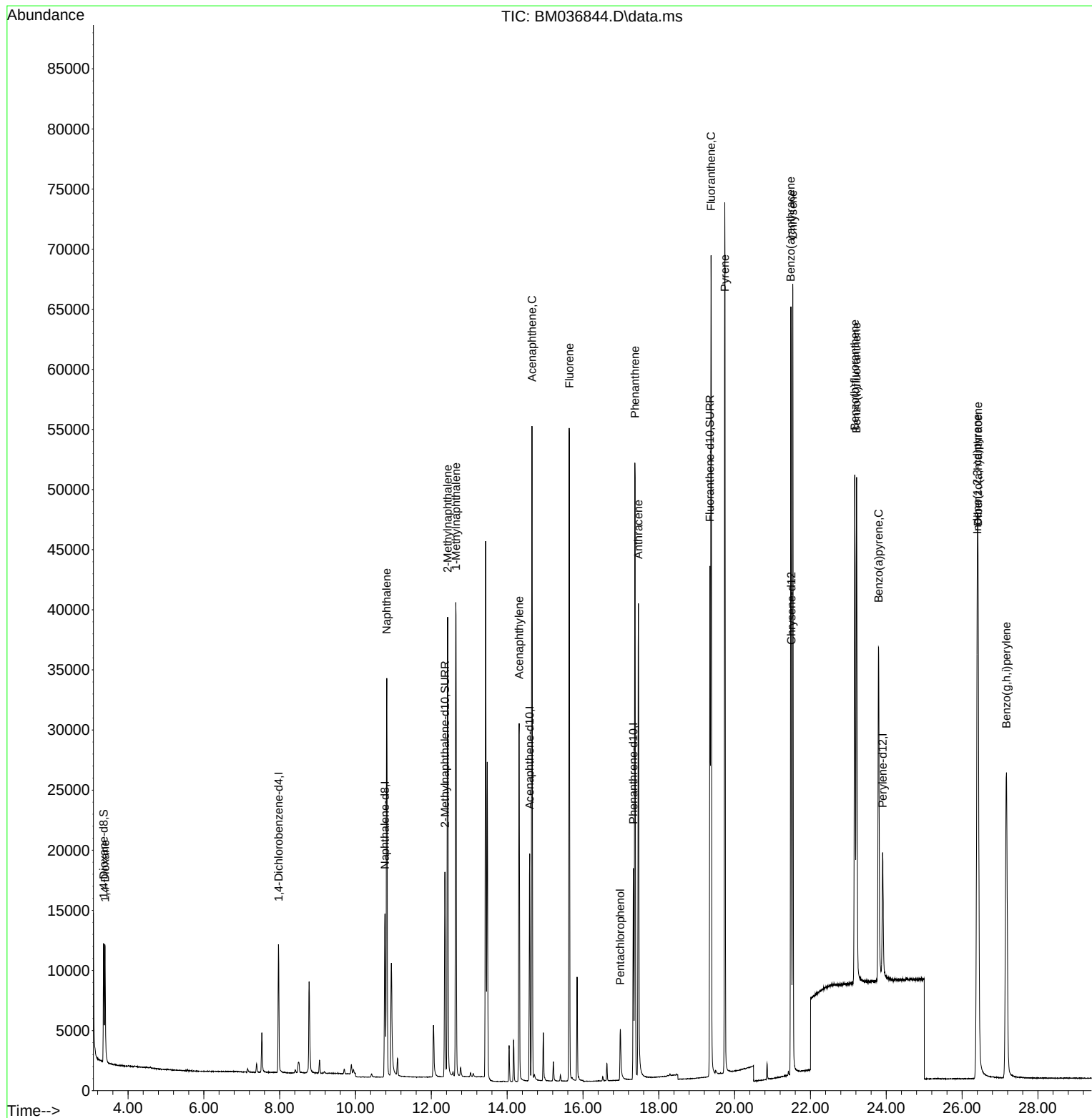
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	5626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	18345	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.594	164	9995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	20389	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	17879	0.400	ng/ul	0.00
23) Perylene-d12	23.904	264	15084	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	6601	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	23254	0.813	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	44614	0.802	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	6387	0.822	ng/ul#	81
5) Naphthalene	10.825	128	44338	0.883	ng/ul	96
7) 2-Methylnaphthalene	12.431	142	27637	0.898	ng/ul	91
8) 1-Methylnaphthalene	12.651	142	27818	0.890	ng/ul	99
10) Acenaphthylene	14.317	152	34677	0.914	ng/ul	98
11) Acenaphthene	14.654	153	30366	0.905	ng/ul	100
12) Fluorene	15.640	166	34307	0.918	ng/ul	99
14) Pentachlorophenol	16.985	266	3929	1.070	ng/ul	98
15) Phenanthrene	17.369	178	54065	0.909	ng/ul	99
16) Anthracene	17.462	178	45589	0.912	ng/ul	98
19) Fluoranthene	19.378	202	59148	0.921	ng/ul	100
20) Pyrene	19.741	202	60660	0.915	ng/ul	100
21) Benzo(a)anthracene	21.481	228	53086	0.983	ng/ul	99
22) Chrysene	21.534	228	56383	0.934	ng/ul	98
24) Benzo(b)fluoranthene	23.171	252	56600	0.943	ng/ul	88
25) Benzo(k)fluoranthene	23.217	252	54925	0.917	ng/ul#	86
26) Benzo(a)pyrene	23.796	252	45715	0.930	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.399	276	64653	1.107	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.422	278	52548	1.050	ng/ul#	87
29) Benzo(g,h,i)perylene	27.170	276	57004	1.023	ng/ul	95

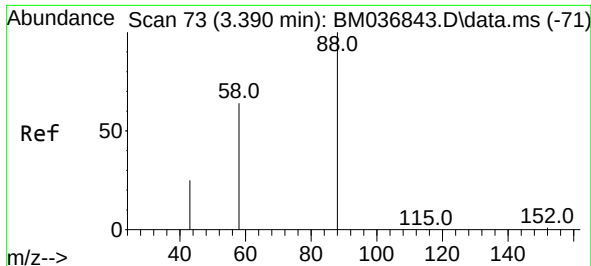
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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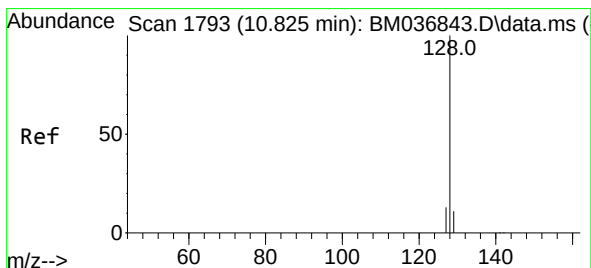
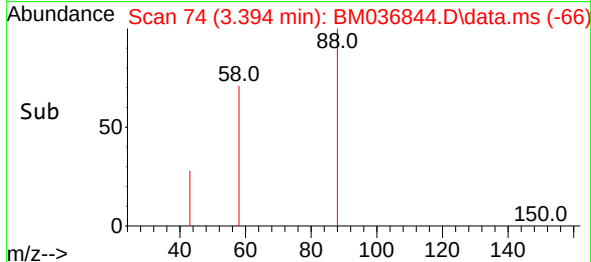
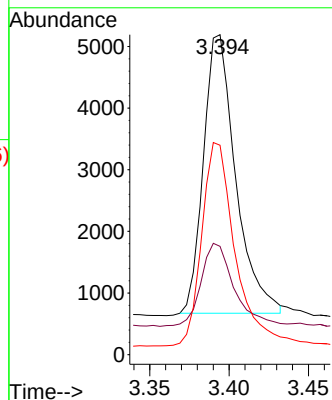
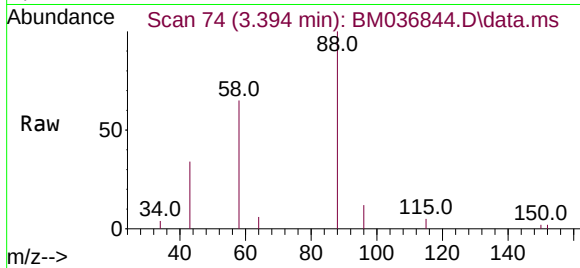




#2
1,4-Dioxane
Concen: 0.822 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

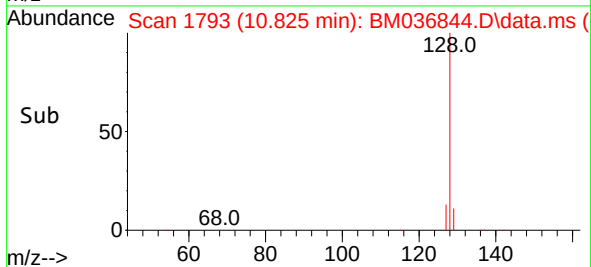
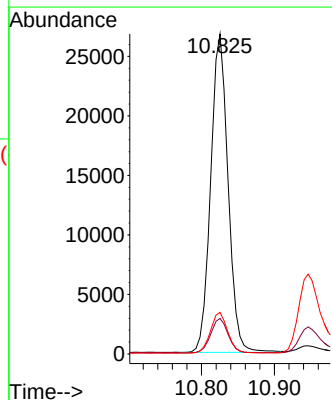
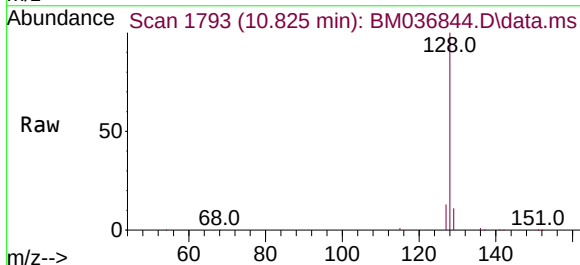
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

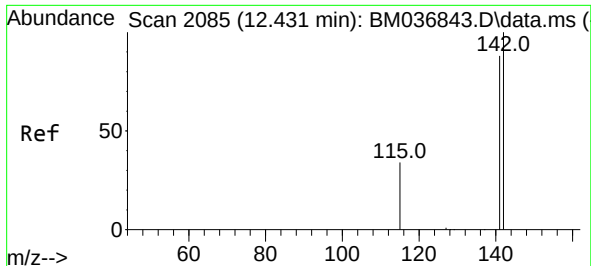
Tgt Ion: 88 Resp: 6387
Ion Ratio Lower Upper
88 100
43 33.8 37.8 56.6#
58 65.5 42.6 63.8#



#5
Naphthalene
Concen: 0.883 ng/ul
RT: 10.825 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion: 128 Resp: 44338
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5

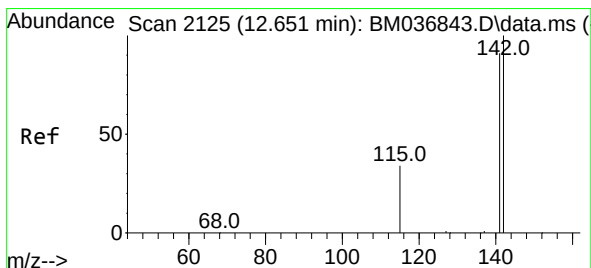
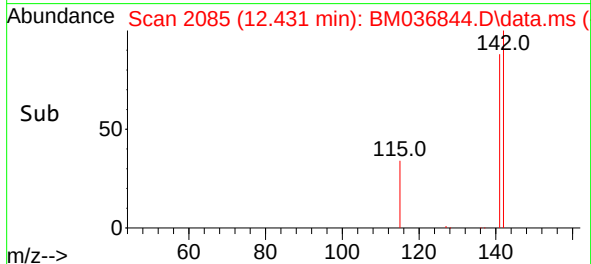
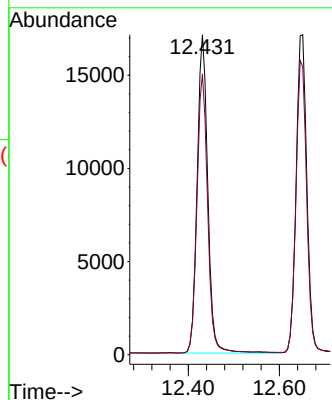
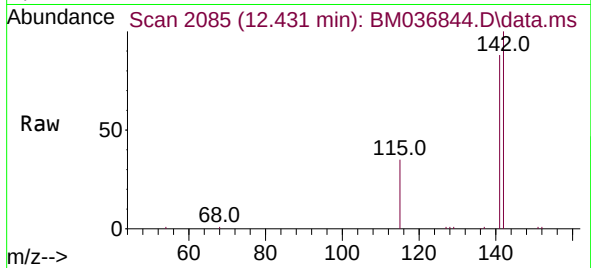




#7
2-Methylnaphthalene
Concen: 0.898 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

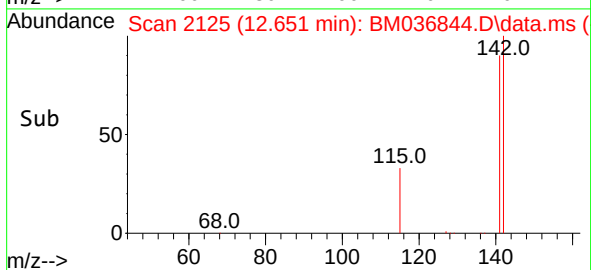
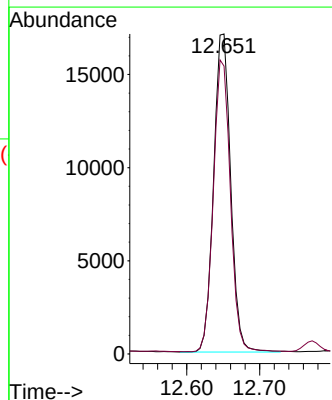
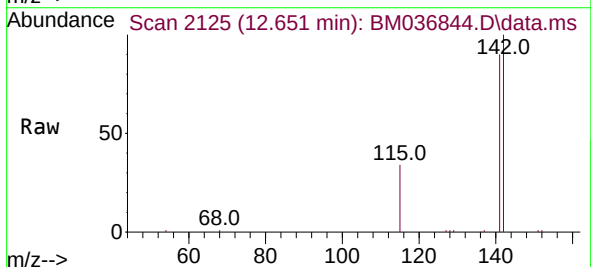
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

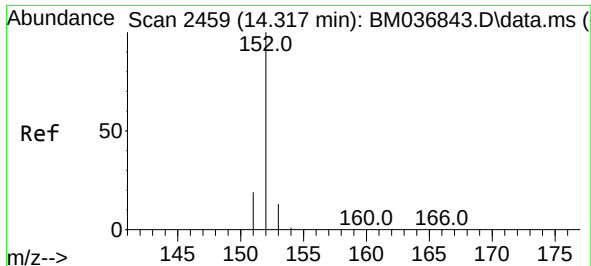
Tgt Ion:142 Resp: 27637
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.890 ng/ul
RT: 12.651 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:142 Resp: 27818
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

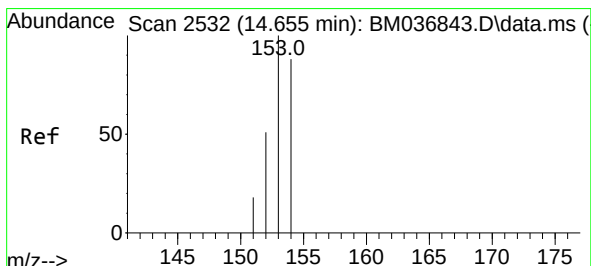
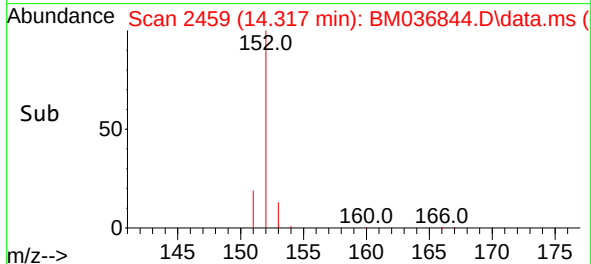
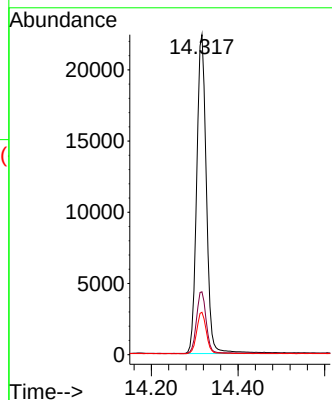
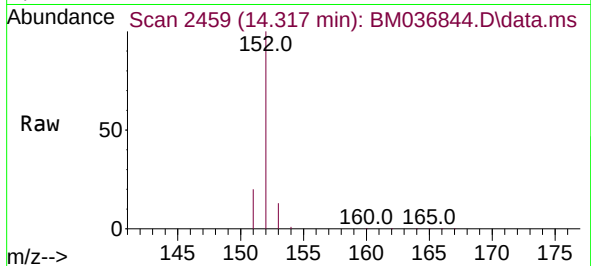




#10
Acenaphthylene
Concen: 0.914 ng/ul
RT: 14.317 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

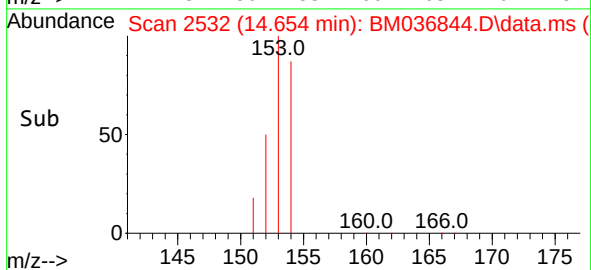
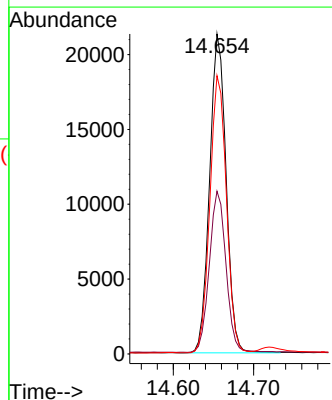
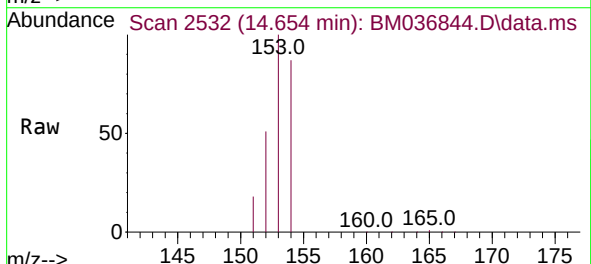
Instrument :
BNA_M
ClientSampleId :
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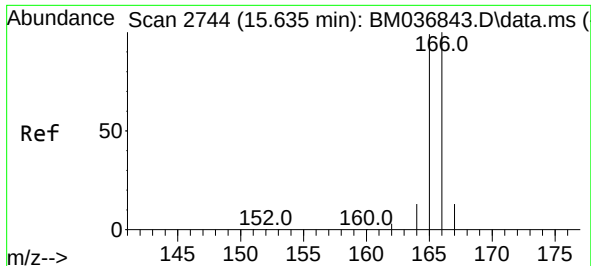
Tgt Ion:152 Resp: 34677
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.2 11.4 17.0



#11
Acenaphthene
Concen: 0.905 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:153 Resp: 30366
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 86.9 69.7 104.5

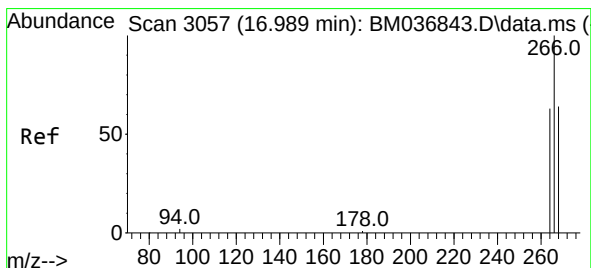
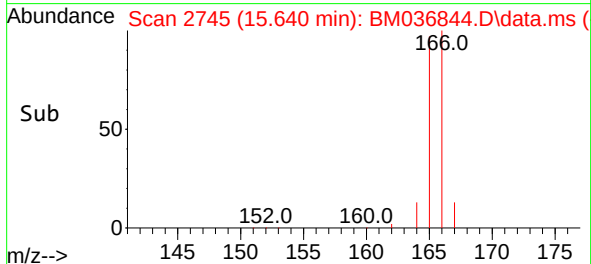
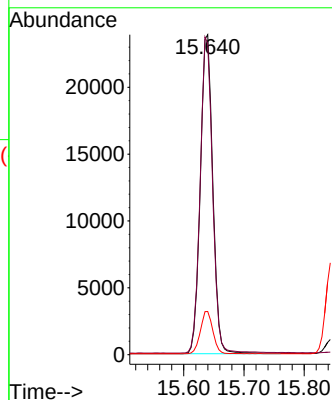
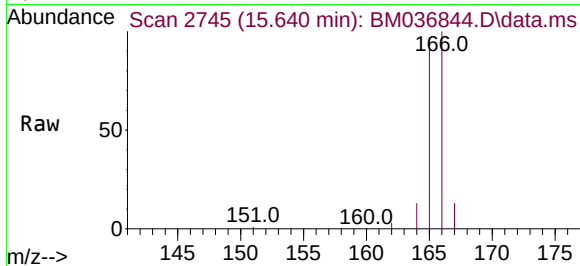




#12
Fluorene
Concen: 0.918 ng/ul
RT: 15.640 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

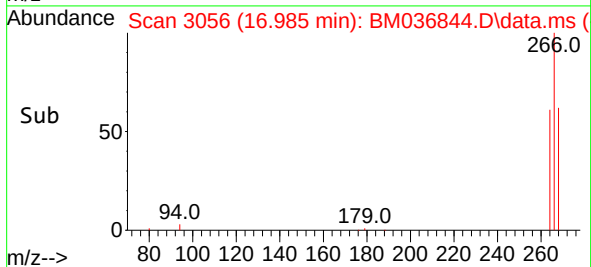
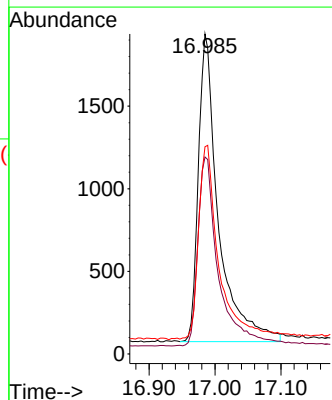
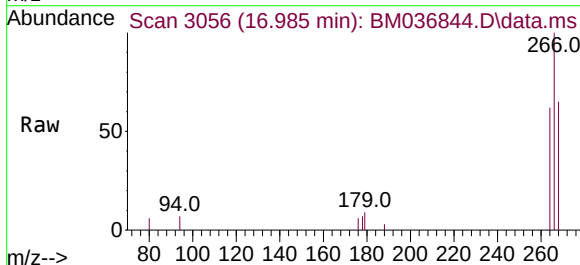
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

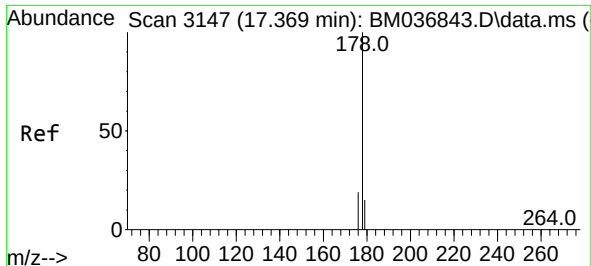
Tgt Ion:166 Resp: 34307
Ion Ratio Lower Upper
166 100
165 97.2 78.9 118.3
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 1.070 ng/ul
RT: 16.985 min Scan# 3056
Delta R.T. -0.004 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:266 Resp: 3929
Ion Ratio Lower Upper
266 100
264 63.0 50.3 75.5
268 64.3 53.5 80.3

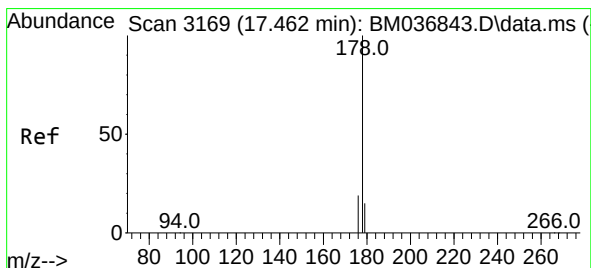
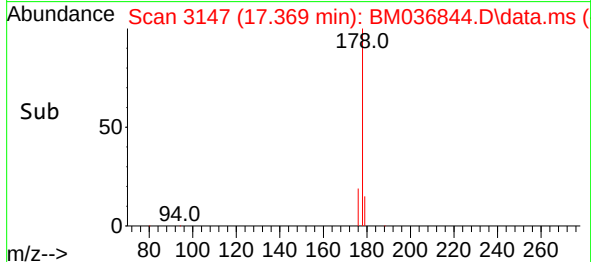
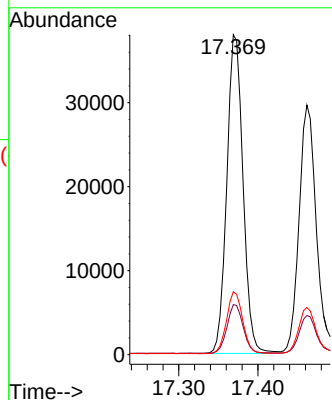
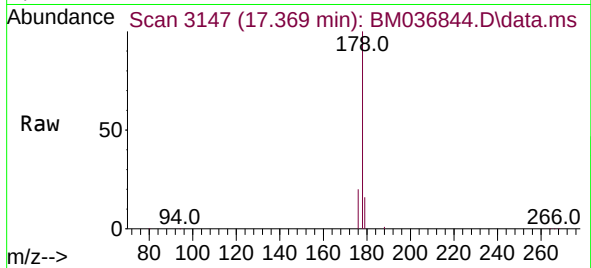




#15
Phenanthrene
Concen: 0.909 ng/u1
RT: 17.369 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

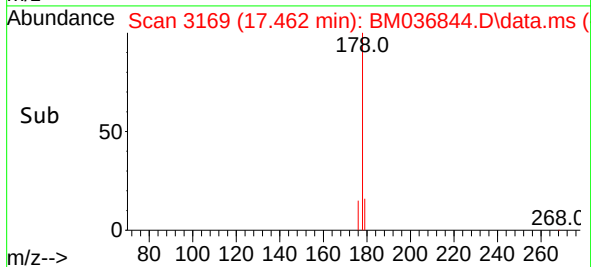
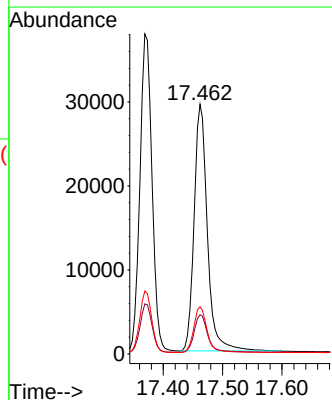
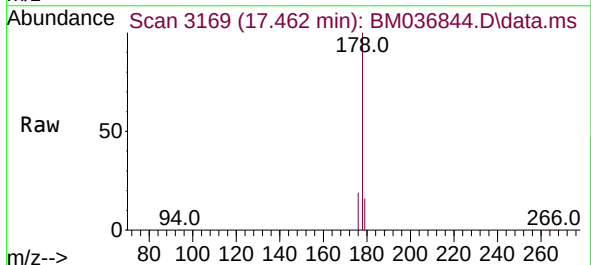
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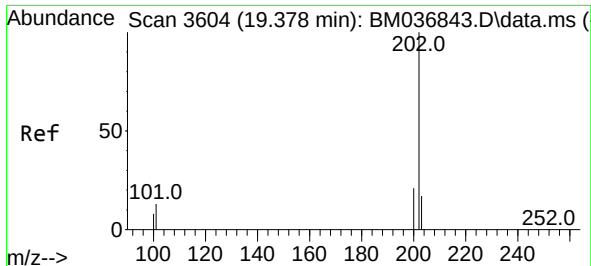
Tgt Ion:178 Resp: 54065
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.912 ng/u1
RT: 17.462 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:178 Resp: 45589
Ion Ratio Lower Upper
178 100
179 15.7 13.6 20.4
176 18.9 15.6 23.4

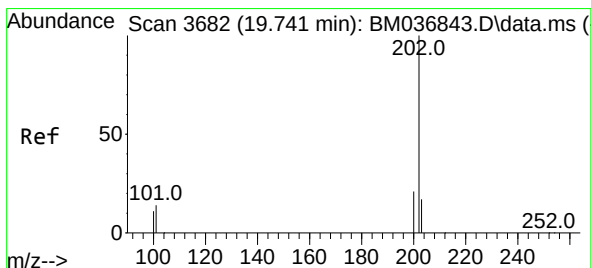
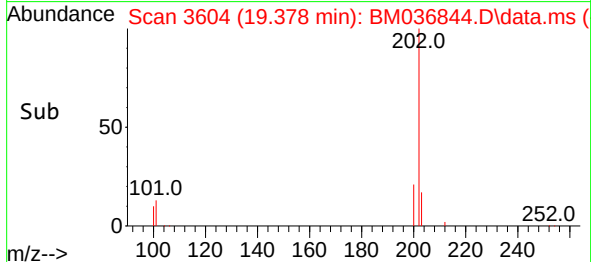
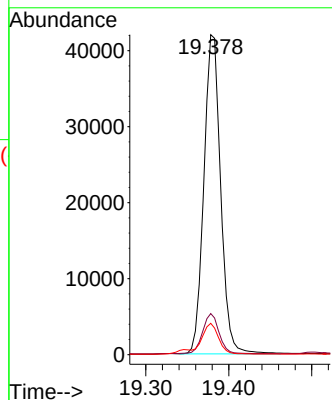
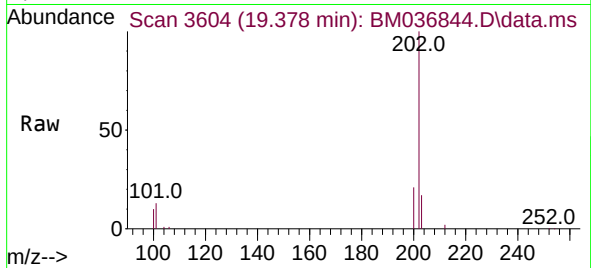




#19
Fluoranthene
Concen: 0.921 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

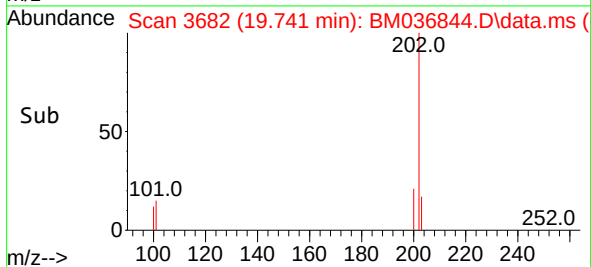
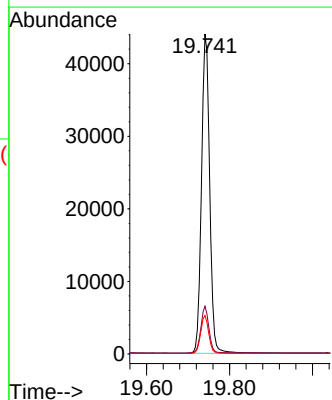
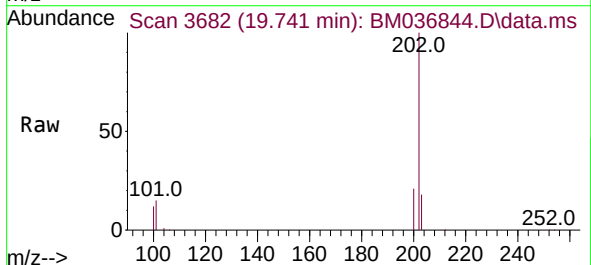
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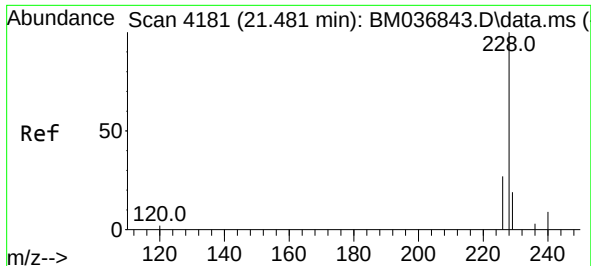
Tgt Ion:202 Resp: 59148
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.8 7.9 11.9



#20
Pyrene
Concen: 0.915 ng/ul
RT: 19.741 min Scan# 3682
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:202 Resp: 60660
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 12.0 9.8 14.6

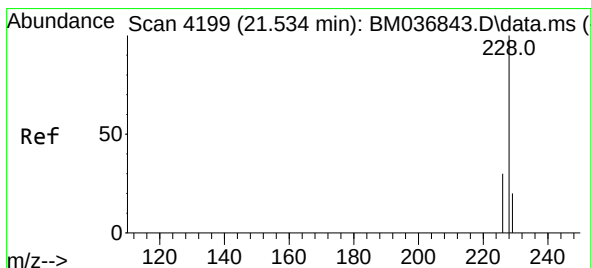
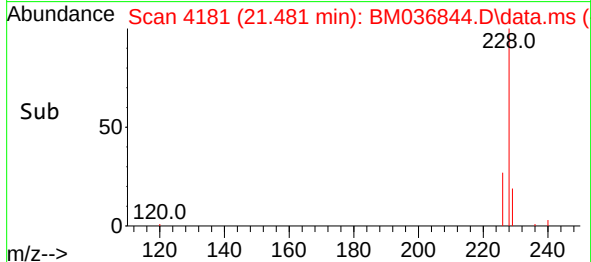
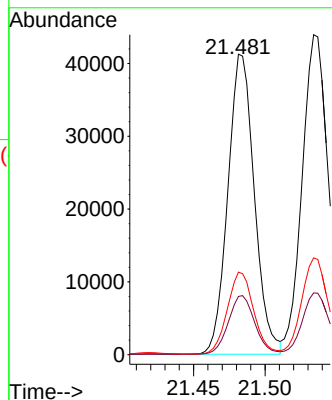
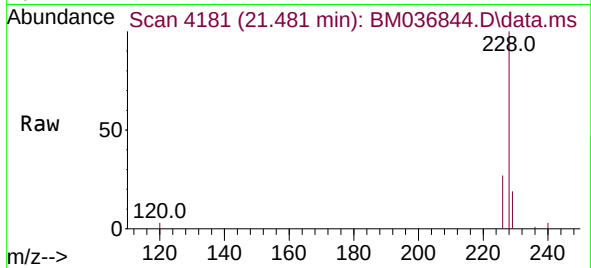




#21
Benzo(a)anthracene
Concen: 0.983 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

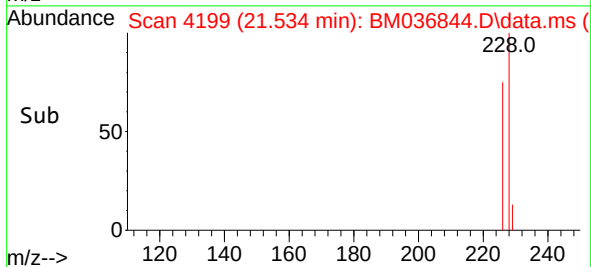
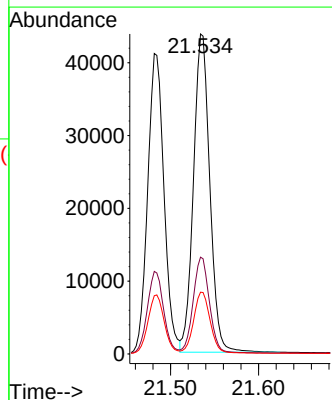
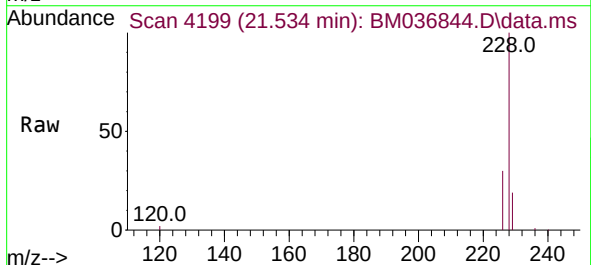
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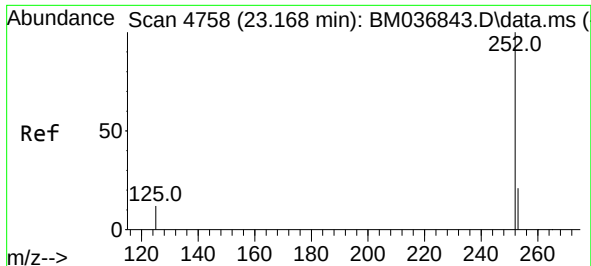
Tgt Ion:228 Resp: 53086
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.934 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:228 Resp: 56383
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.3 16.4 24.6

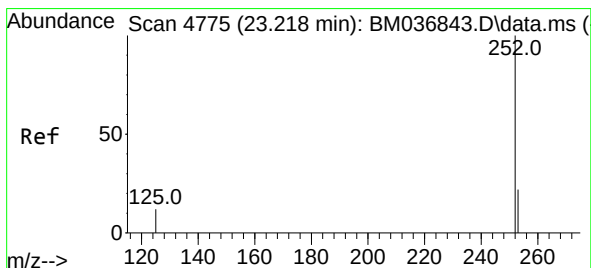
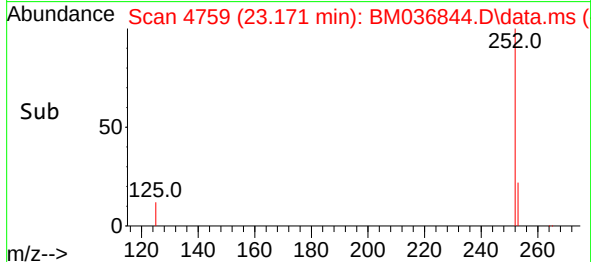
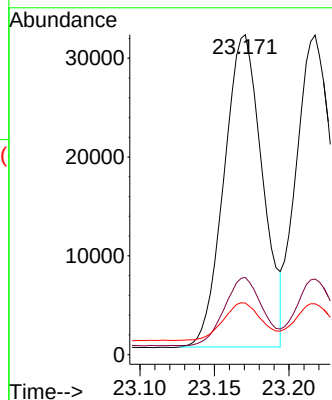
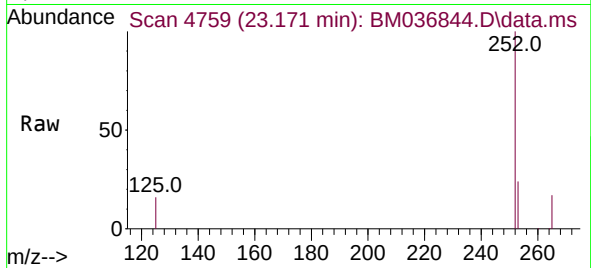




#24
Benzo(b)fluoranthene
Concen: 0.943 ng/ul
RT: 23.171 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

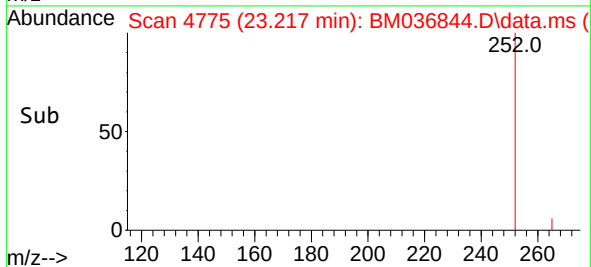
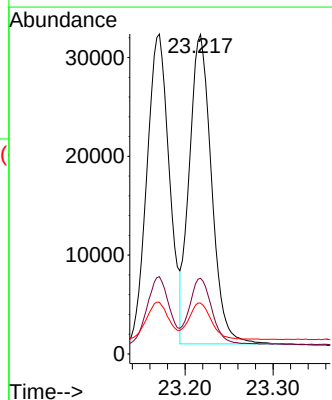
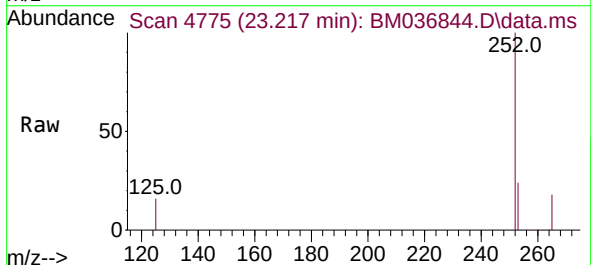
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

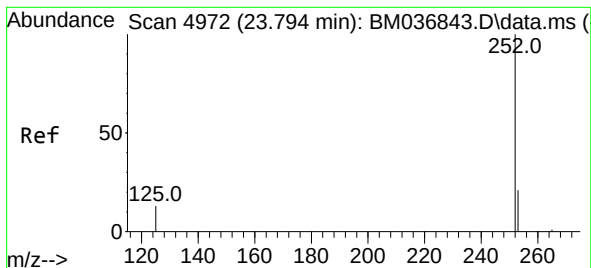
Tgt Ion:252 Resp: 56600
Ion Ratio Lower Upper
252 100
253 24.1 0.0 61.4
125 16.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.917 ng/ul
RT: 23.217 min Scan# 4775
Delta R.T. -0.000 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:252 Resp: 54925
Ion Ratio Lower Upper
252 100
253 23.7 25.2 37.8#
125 15.9 18.3 27.5#





#26

Benzo(a)pyrene

Concen: 0.930 ng/ul

RT: 23.796 min Scan# 4972

Delta R.T. 0.003 min

Lab File: BM036844.D

Acq: 06 Oct 2022 15:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

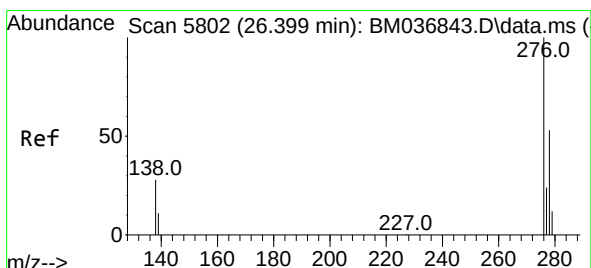
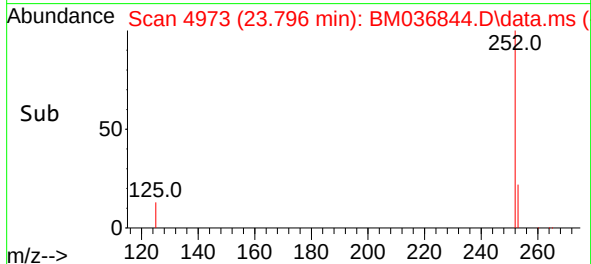
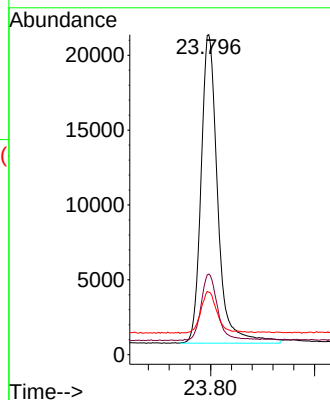
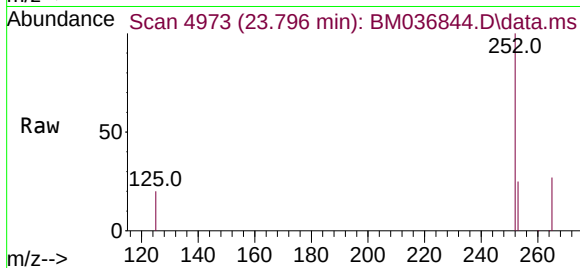
Tgt Ion:252 Resp: 45715

Ion Ratio Lower Upper

252 100

253 25.2 29.7 44.5#

125 19.5 23.6 35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.107 ng/ul

RT: 26.399 min Scan# 5802

Delta R.T. -0.000 min

Lab File: BM036844.D

Acq: 06 Oct 2022 15:11

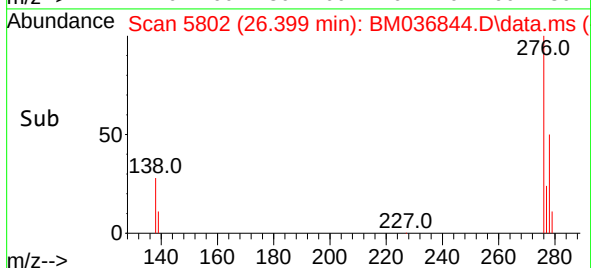
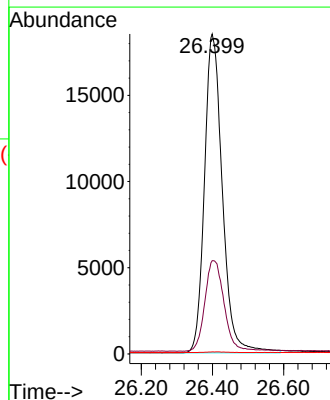
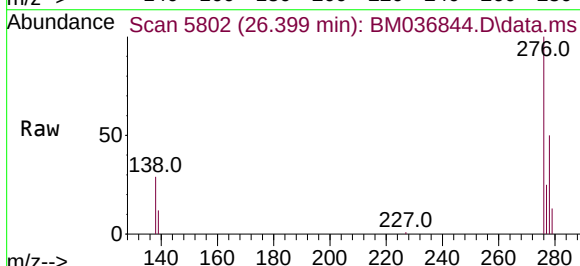
Tgt Ion:276 Resp: 64653

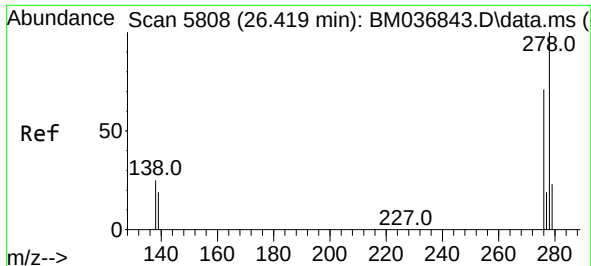
Ion Ratio Lower Upper

276 100

138 30.7 23.9 35.9

227 0.2 0.1 0.1#

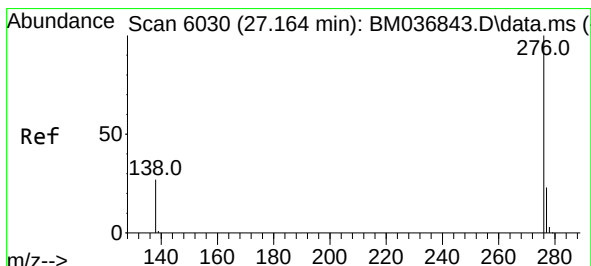
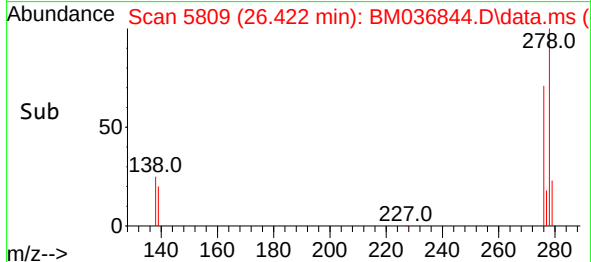
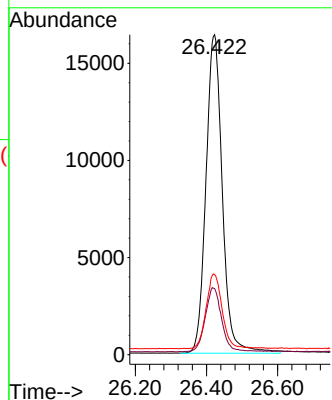
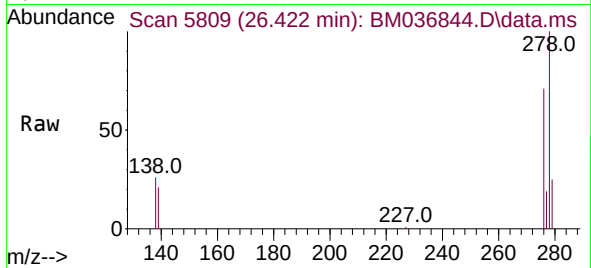




#28
Dibenzo(a,h)anthracene
Concen: 1.050 ng/ul
RT: 26.422 min Scan# 5809
Delta R.T. 0.003 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:278 Resp: 52548
Ion Ratio Lower Upper
278 100
139 20.7 19.8 29.6
279 25.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 1.023 ng/ul
RT: 27.170 min Scan# 6032
Delta R.T. 0.007 min
Lab File: BM036844.D
Acq: 06 Oct 2022 15:11

Tgt Ion:276 Resp: 57004
Ion Ratio Lower Upper
276 100
138 26.6 23.4 35.0
277 24.1 21.0 31.4

