

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
 Data File : BM036845.D
 Acq On : 06 Oct 2022 15:47
 Operator : CG/JU
 Sample : SSTD1.671
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Oct 06 16:20:31 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)

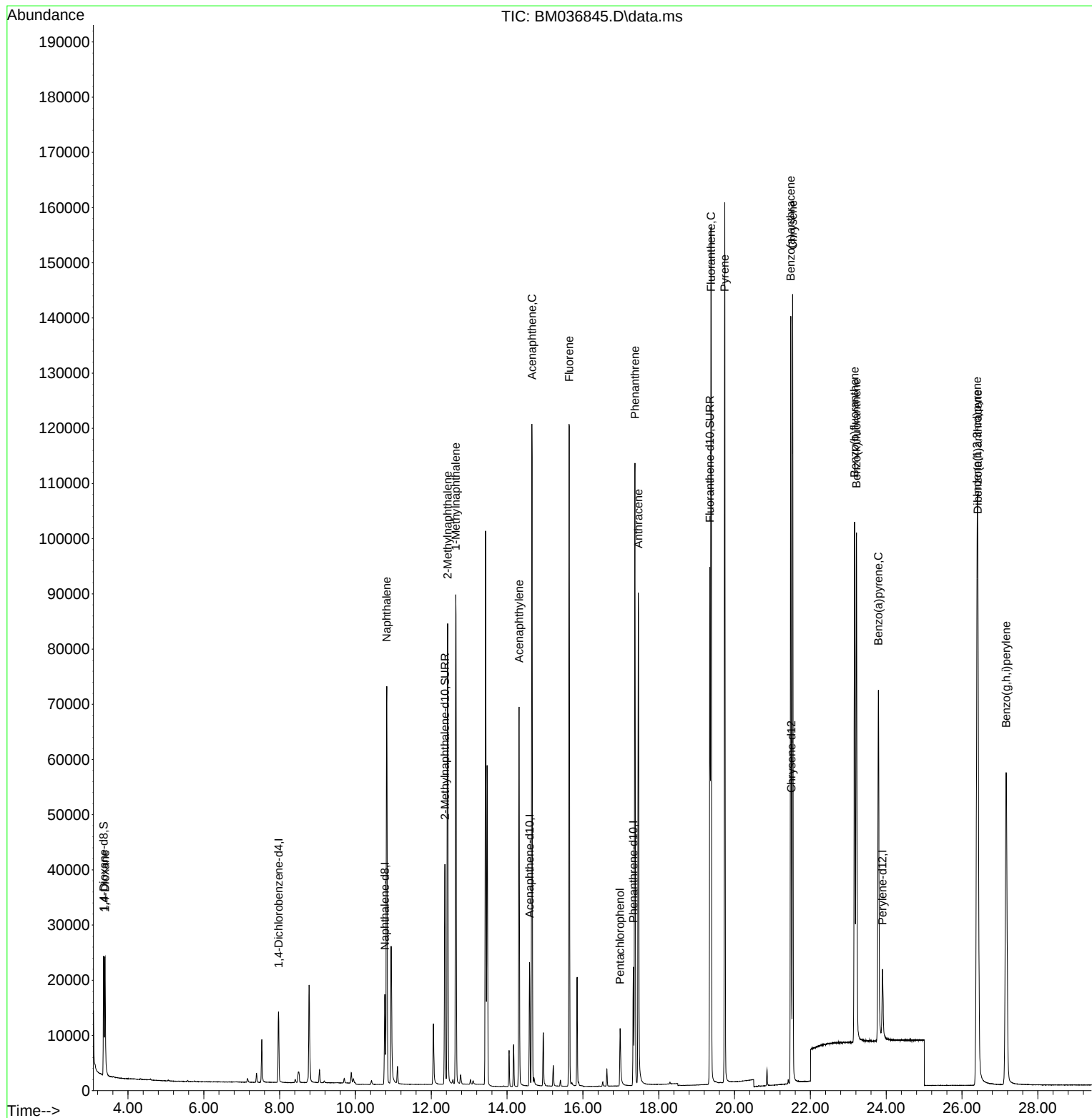
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	6713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	22062	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.594	164	11866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	23849	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	21137	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	17778	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	14499	1.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	51659	1.501	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	97952	1.489	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	14209	1.533	ng/ul#	79
5) Naphthalene	10.826	128	97703	1.617	ng/ul	95
7) 2-Methylnaphthalene	12.431	142	60430	1.633	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	60881	1.620	ng/ul	99
10) Acenaphthylene	14.316	152	77527	1.721	ng/ul	97
11) Acenaphthene	14.654	153	65879	1.654	ng/ul	99
12) Fluorene	15.639	166	74798	1.687	ng/ul	99
14) Pentachlorophenol	16.980	266	8876	2.066	ng/ul	98
15) Phenanthrene	17.372	178	116163	1.670	ng/ul	98
16) Anthracene	17.461	178	100199	1.714	ng/ul	98
19) Fluoranthene	19.378	202	127740	1.682	ng/ul	99
20) Pyrene	19.740	202	129259	1.649	ng/ul	99
21) Benzo(a)anthracene	21.479	228	116789	1.829	ng/ul	98
22) Chrysene	21.532	228	120074	1.682	ng/ul	98
24) Benzo(b)fluoranthene	23.166	252	122065	1.726	ng/ul	85
25) Benzo(k)fluoranthene	23.216	252	121299	1.717	ng/ul#	83
26) Benzo(a)pyrene	23.794	252	100402	1.734	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.397	276	142743	2.074	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.417	278	116105	1.968	ng/ul#	86
29) Benzo(g,h,i)perylene	27.165	276	123503	1.881	ng/ul	95

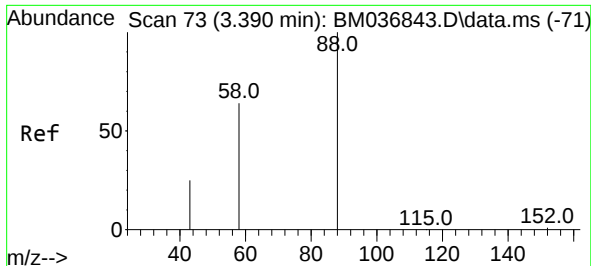
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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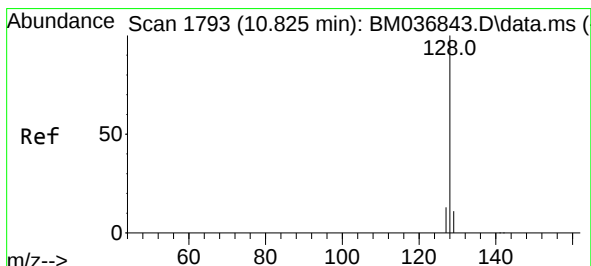
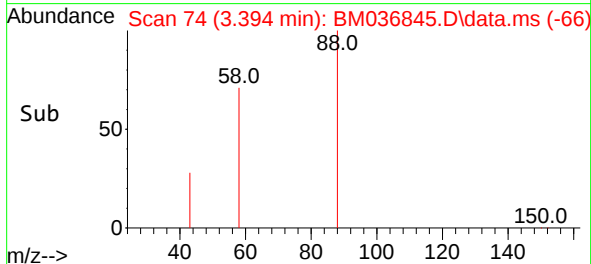
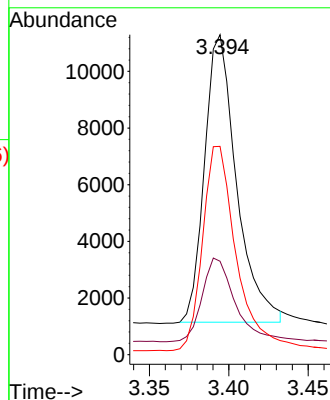
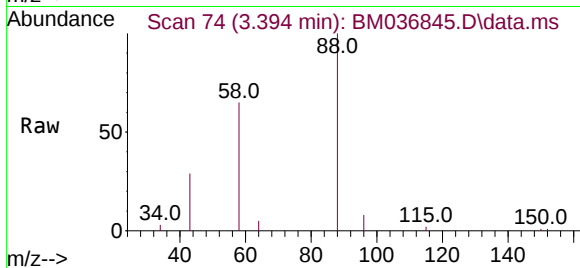




#2
1,4-Dioxane
Concen: 1.533 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

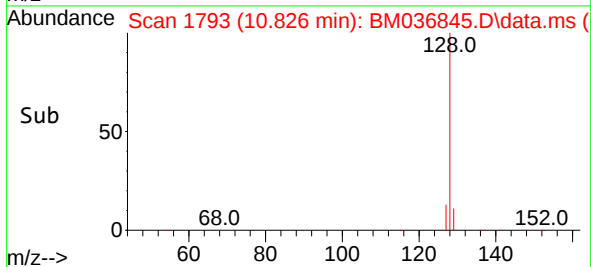
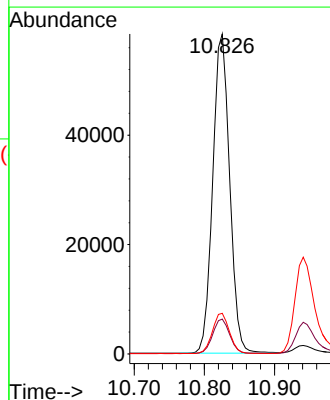
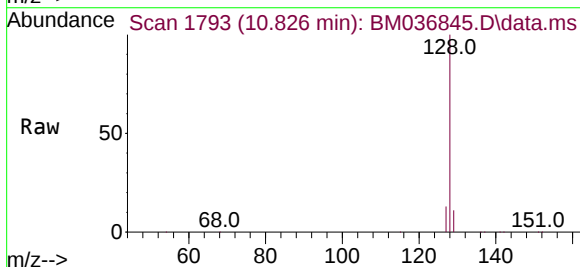
Instrument :
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SSTD1.6026

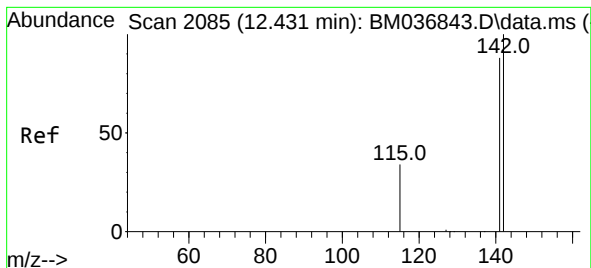
Tgt Ion: 88 Resp: 14209
Ion Ratio Lower Upper
88 100
43 29.2 37.8 56.6#
58 65.1 42.6 63.8#



#5
Naphthalene
Concen: 1.617 ng/ul
RT: 10.826 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion: 128 Resp: 97703
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.7 11.7 17.5

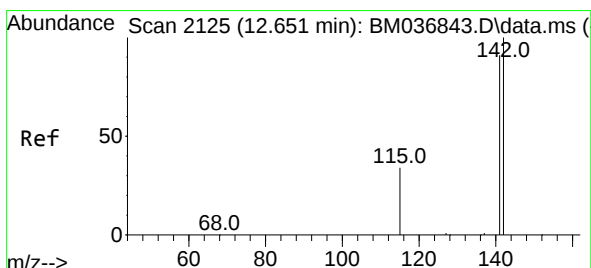
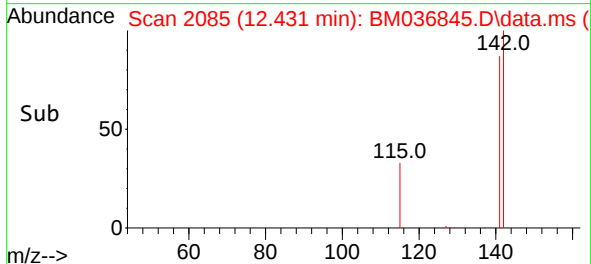
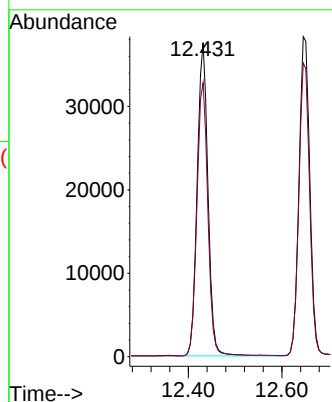
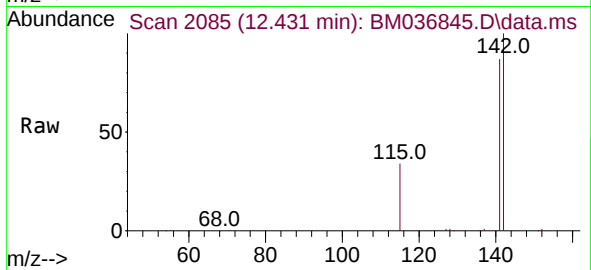




#7
2-Methylnaphthalene
Concen: 1.633 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

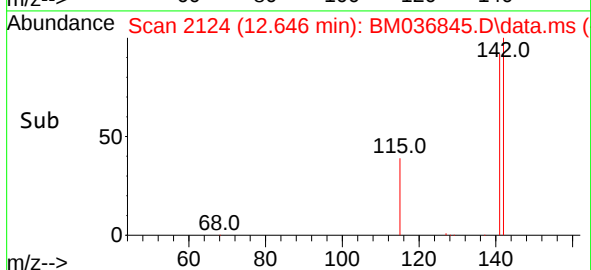
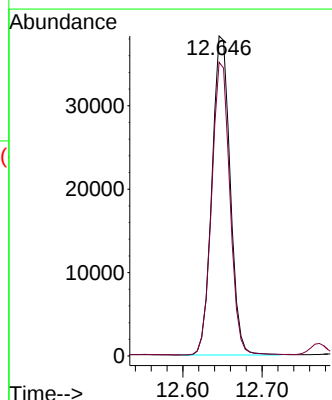
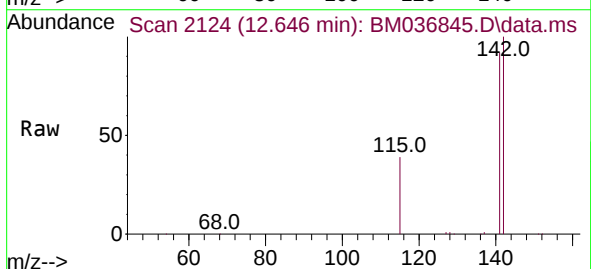
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

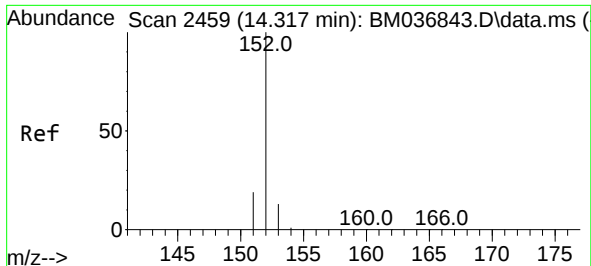
Tgt Ion:142 Resp: 60430
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 1.620 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:142 Resp: 60881
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

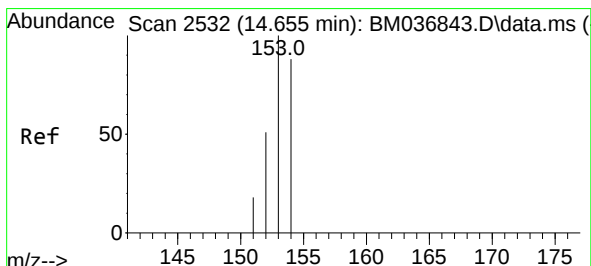
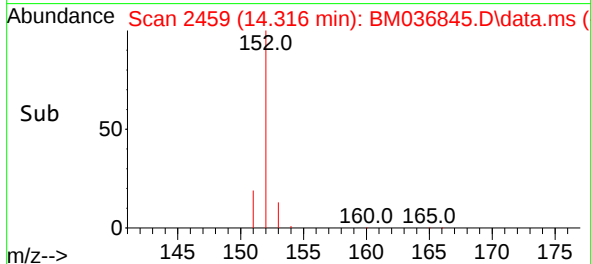
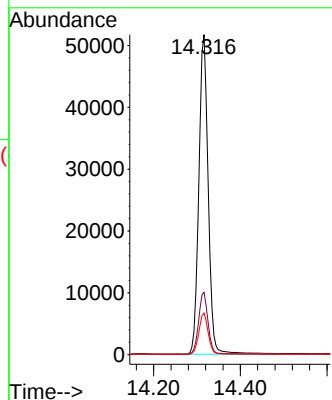
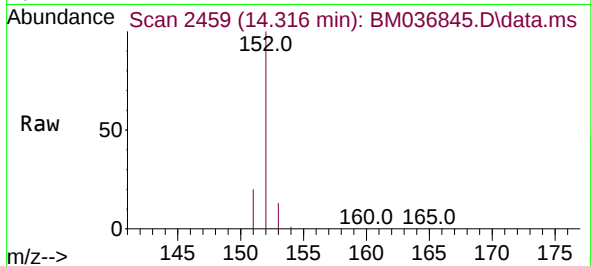




#10
Acenaphthylene
Concen: 1.721 ng/ul
RT: 14.316 min Scan# 2459
Delta R.T. -0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

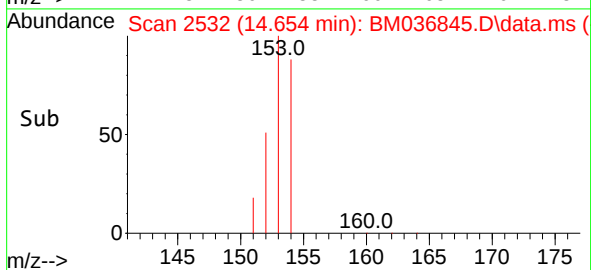
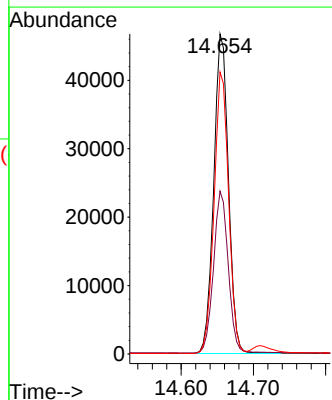
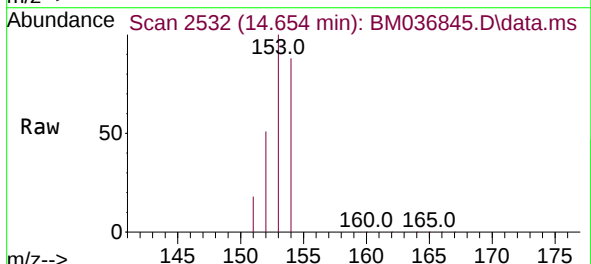
Instrument :
BNA_M
ClientSampleId :
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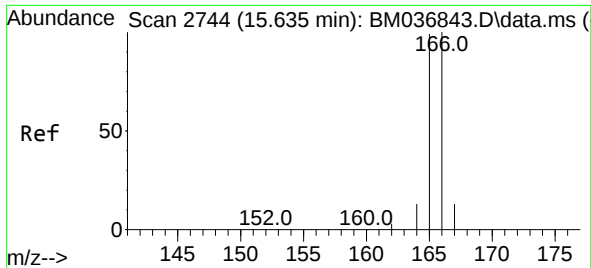
Tgt Ion:152 Resp: 77527
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 13.0 11.4 17.0



#11
Acenaphthene
Concen: 1.654 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:153 Resp: 65879
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 88.1 69.7 104.5

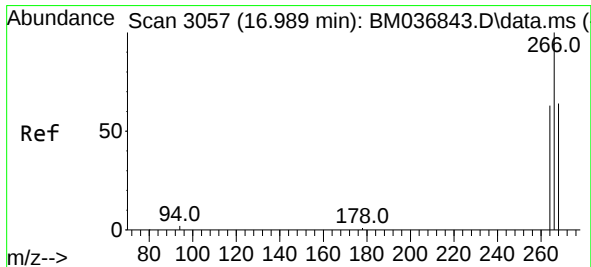
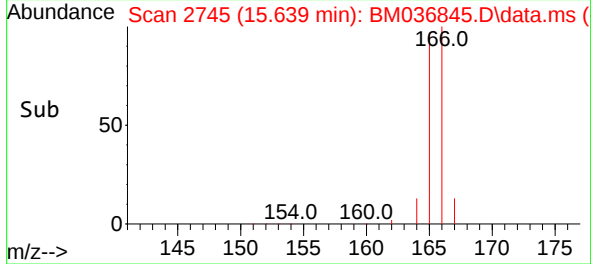
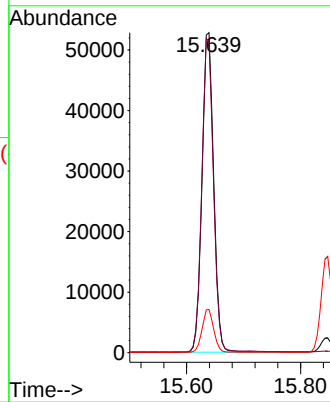
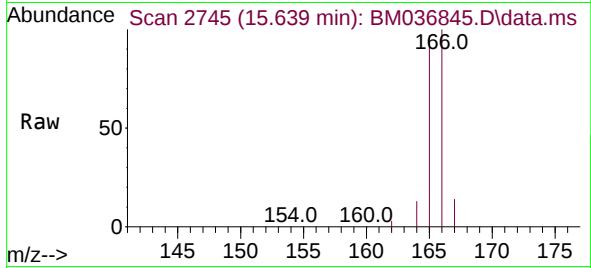




#12
 Fluorene
 Concen: 1.687 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BM036845.D
 Acq: 06 Oct 2022 15:47

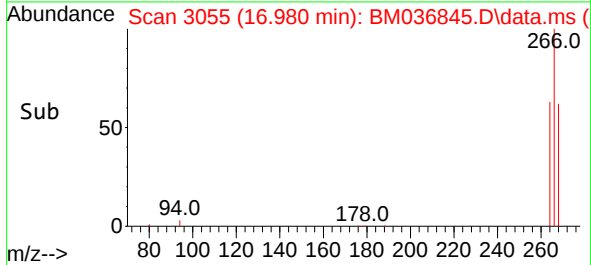
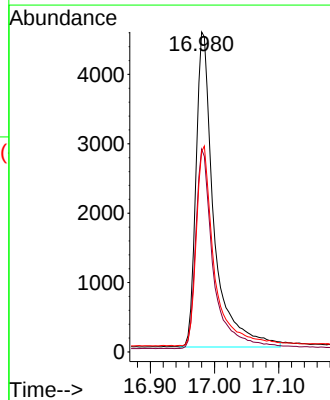
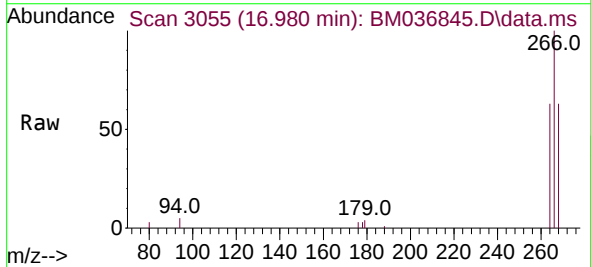
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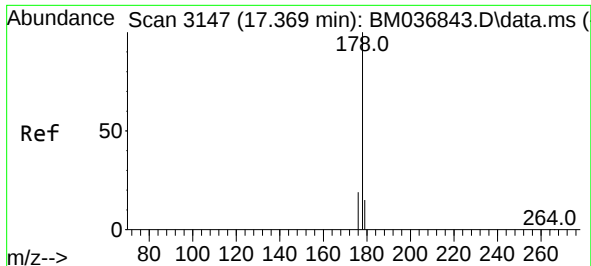
Tgt Ion:166 Resp: 74798
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.9 118.3
 167 13.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 2.066 ng/ul
 RT: 16.980 min Scan# 3055
 Delta R.T. -0.009 min
 Lab File: BM036845.D
 Acq: 06 Oct 2022 15:47

Tgt Ion:266 Resp: 8876
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.3 75.5
 268 63.8 53.5 80.3

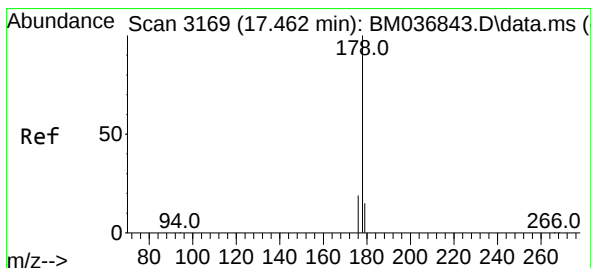
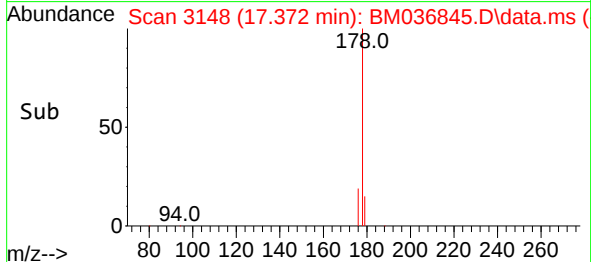
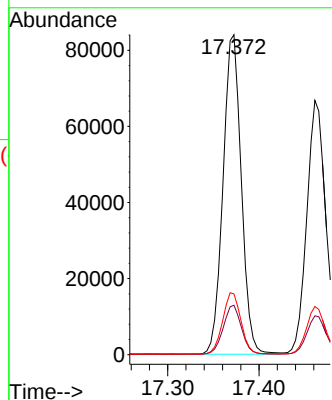
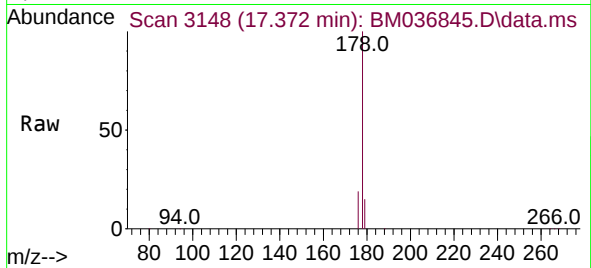




#15
Phenanthrene
Concen: 1.670 ng/ul
RT: 17.372 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

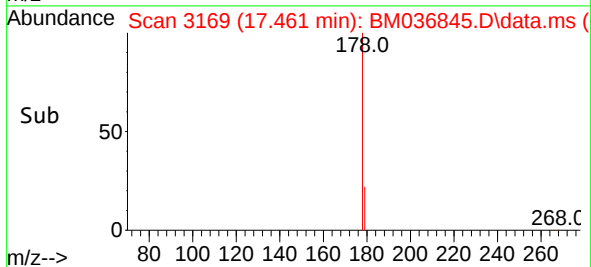
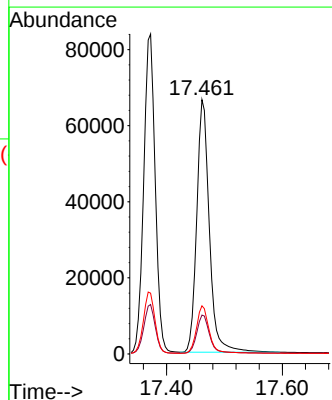
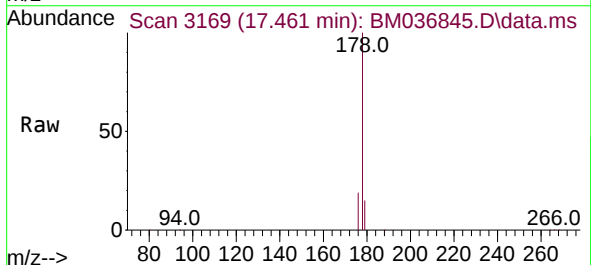
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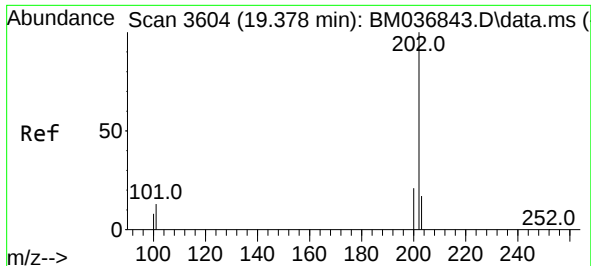
Tgt Ion:178 Resp: 116163
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.0 15.6 23.4



#16
Anthracene
Concen: 1.714 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:178 Resp: 100199
Ion Ratio Lower Upper
178 100
179 15.3 13.6 20.4
176 19.0 15.6 23.4

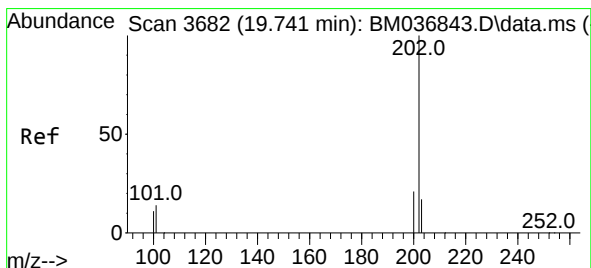
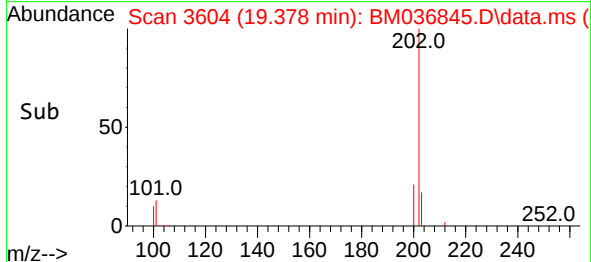
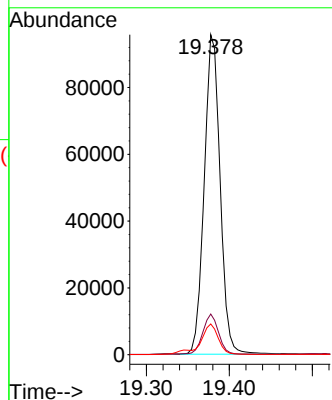
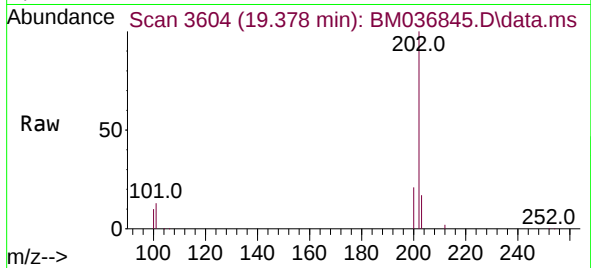




#19
Fluoranthene
Concen: 1.682 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

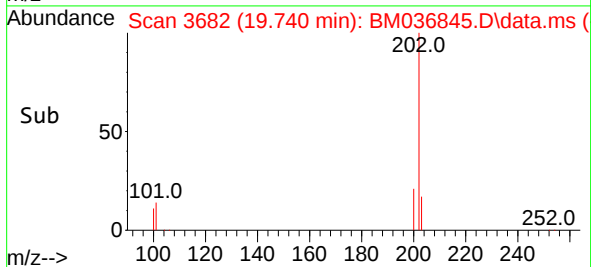
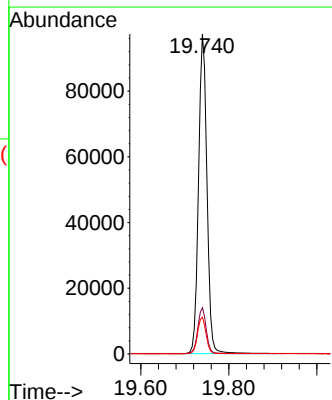
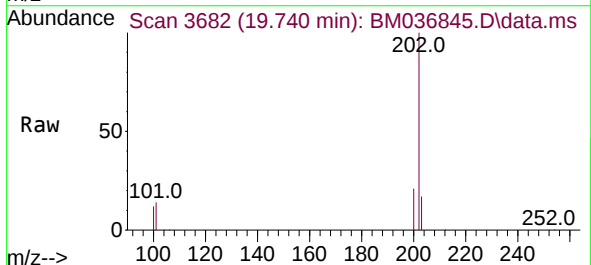
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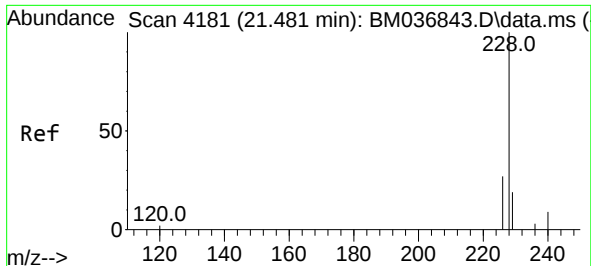
Tgt Ion:202 Resp: 127740
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 1.649 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:202 Resp: 129259
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.5 9.8 14.6

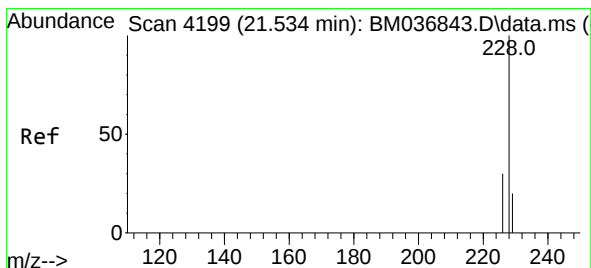
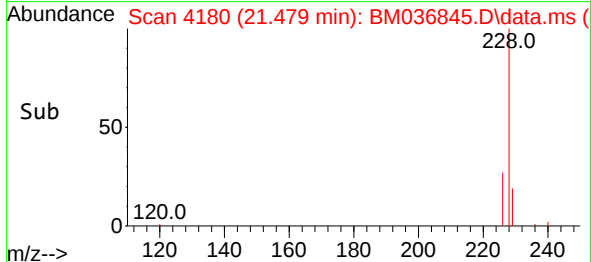
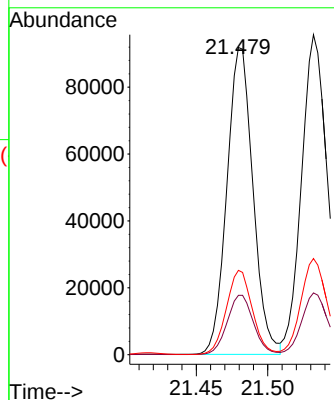
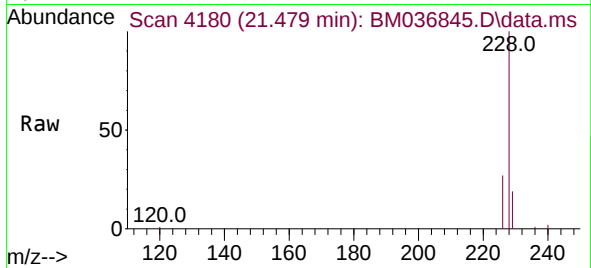




#21
Benzo(a)anthracene
Concen: 1.829 ng/ul
RT: 21.479 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

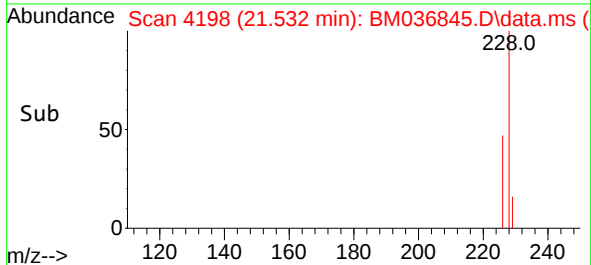
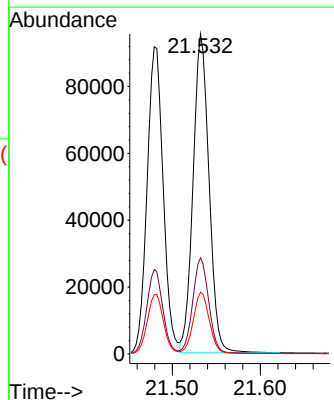
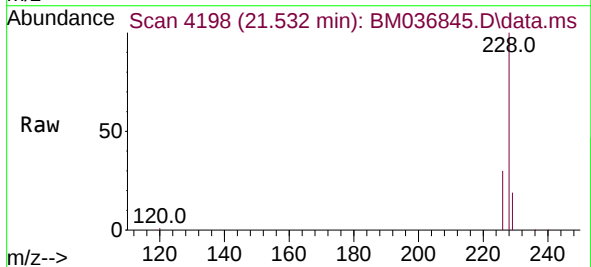
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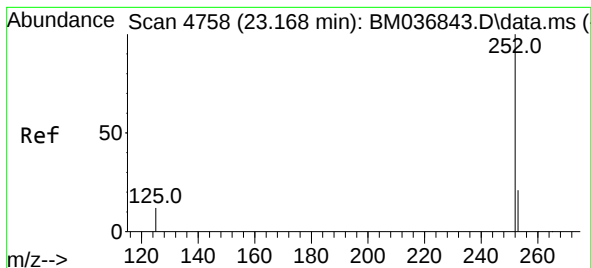
Tgt Ion:228 Resp: 116789
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 1.682 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:228 Resp: 120074
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.3 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 1.726 ng/ul

RT: 23.166 min Scan# 4757

Delta R.T. -0.002 min

Lab File: BM036845.D

Acq: 06 Oct 2022 15:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

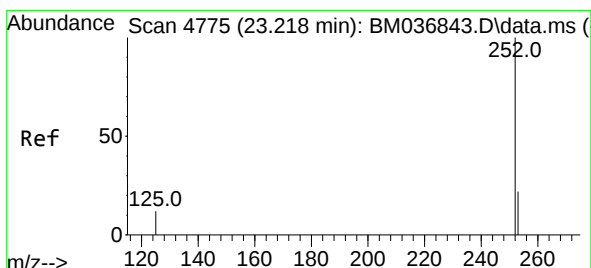
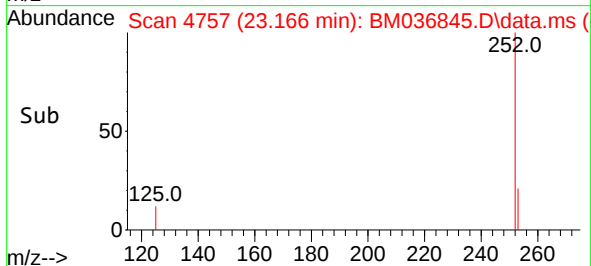
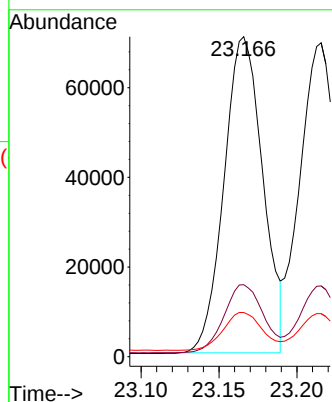
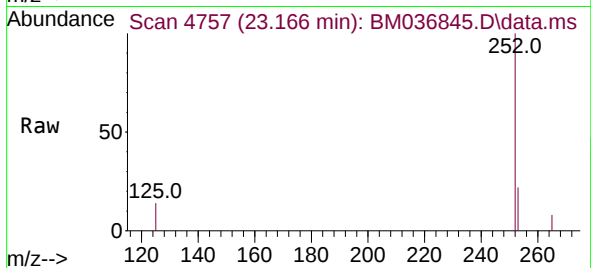
Tgt Ion:252 Resp: 122065

Ion Ratio Lower Upper

252 100

253 22.5 0.0 61.4

125 13.8 0.0 42.6



#25

Benzo(k)fluoranthene

Concen: 1.717 ng/ul

RT: 23.216 min Scan# 4774

Delta R.T. -0.002 min

Lab File: BM036845.D

Acq: 06 Oct 2022 15:47

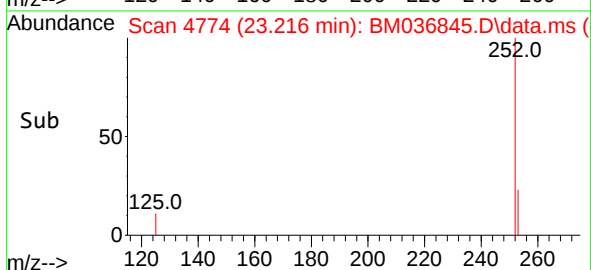
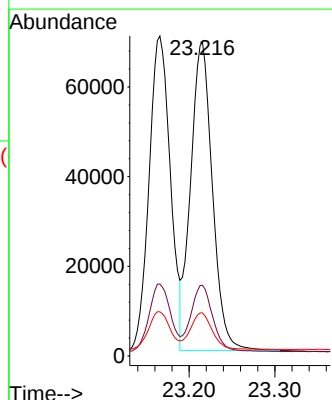
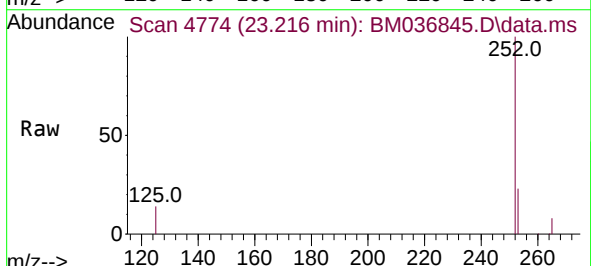
Tgt Ion:252 Resp: 121299

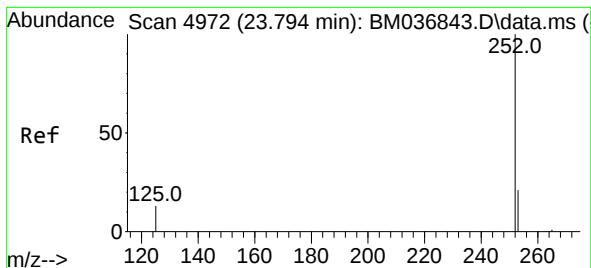
Ion Ratio Lower Upper

252 100

253 22.5 25.2 37.8#

125 13.7 18.3 27.5#





#26

Benzo(a)pyrene

Concen: 1.734 ng/ul

RT: 23.794 min Scan# 4972

Delta R.T. 0.001 min

Lab File: BM036845.D

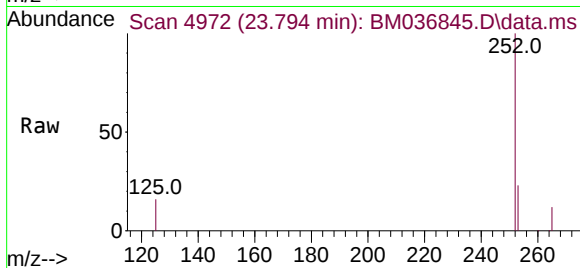
Acq: 06 Oct 2022 15:47

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026



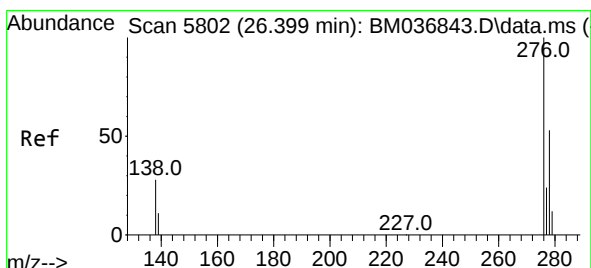
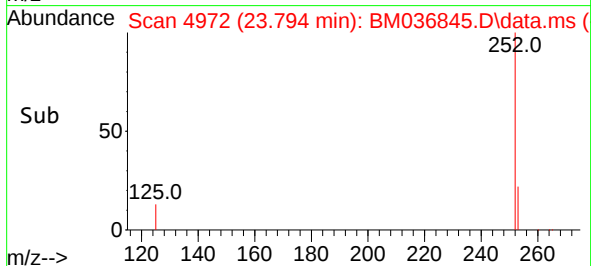
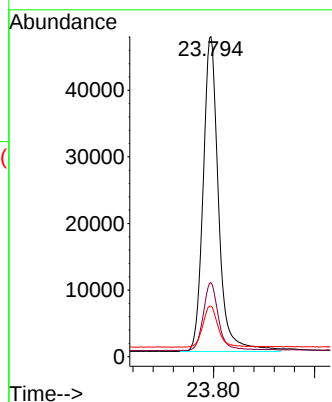
Tgt Ion:252 Resp: 100402

Ion Ratio Lower Upper

252 100

253 23.2 29.7 44.5#

125 15.8 23.6 35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.074 ng/ul

RT: 26.397 min Scan# 5801

Delta R.T. -0.002 min

Lab File: BM036845.D

Acq: 06 Oct 2022 15:47

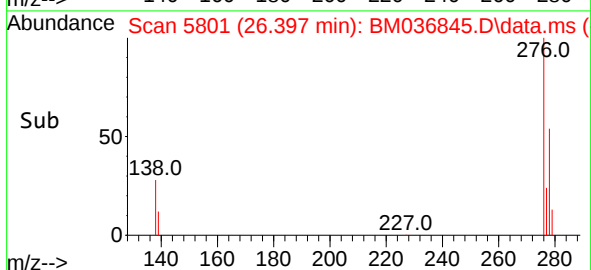
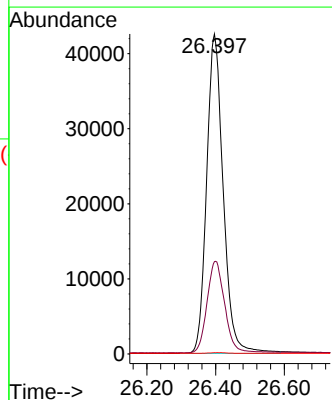
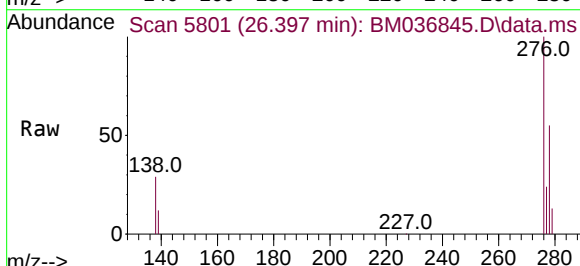
Tgt Ion:276 Resp: 142743

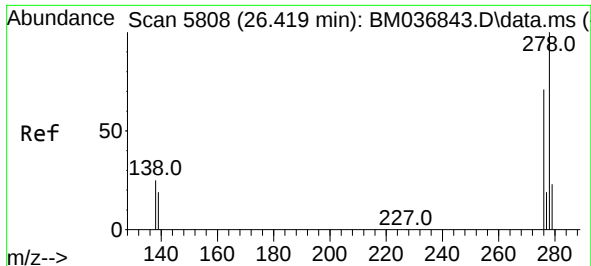
Ion Ratio Lower Upper

276 100

138 30.6 23.9 35.9

227 0.2 0.1 0.1#

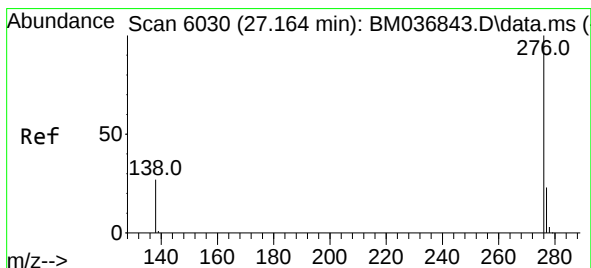
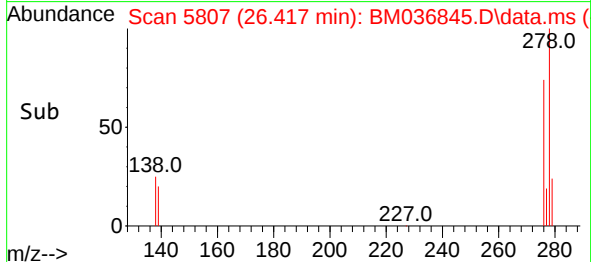
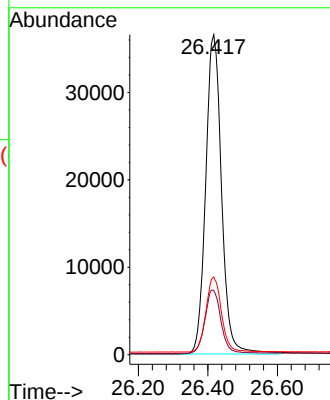
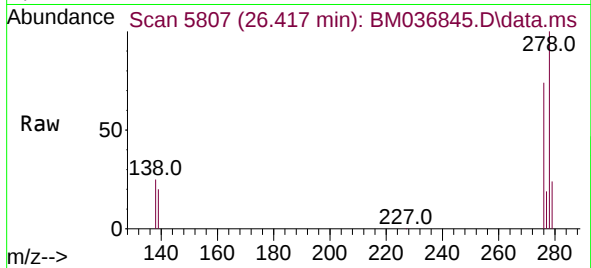




#28
Dibenzo(a,h)anthracene
Concen: 1.968 ng/ul
RT: 26.417 min Scan# 5808
Delta R.T. -0.002 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:278 Resp: 116105
Ion Ratio Lower Upper
278 100
139 20.1 19.8 29.6
279 24.3 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 1.881 ng/ul
RT: 27.165 min Scan# 6030
Delta R.T. 0.001 min
Lab File: BM036845.D
Acq: 06 Oct 2022 15:47

Tgt Ion:276 Resp: 123503
Ion Ratio Lower Upper
276 100
138 26.6 23.4 35.0
277 23.7 21.0 31.4

