

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
 Data File : BM036846.D
 Acq On : 06 Oct 2022 16:24
 Operator : CG/JU
 Sample : SSTD3.272
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Oct 06 16:57:54 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)

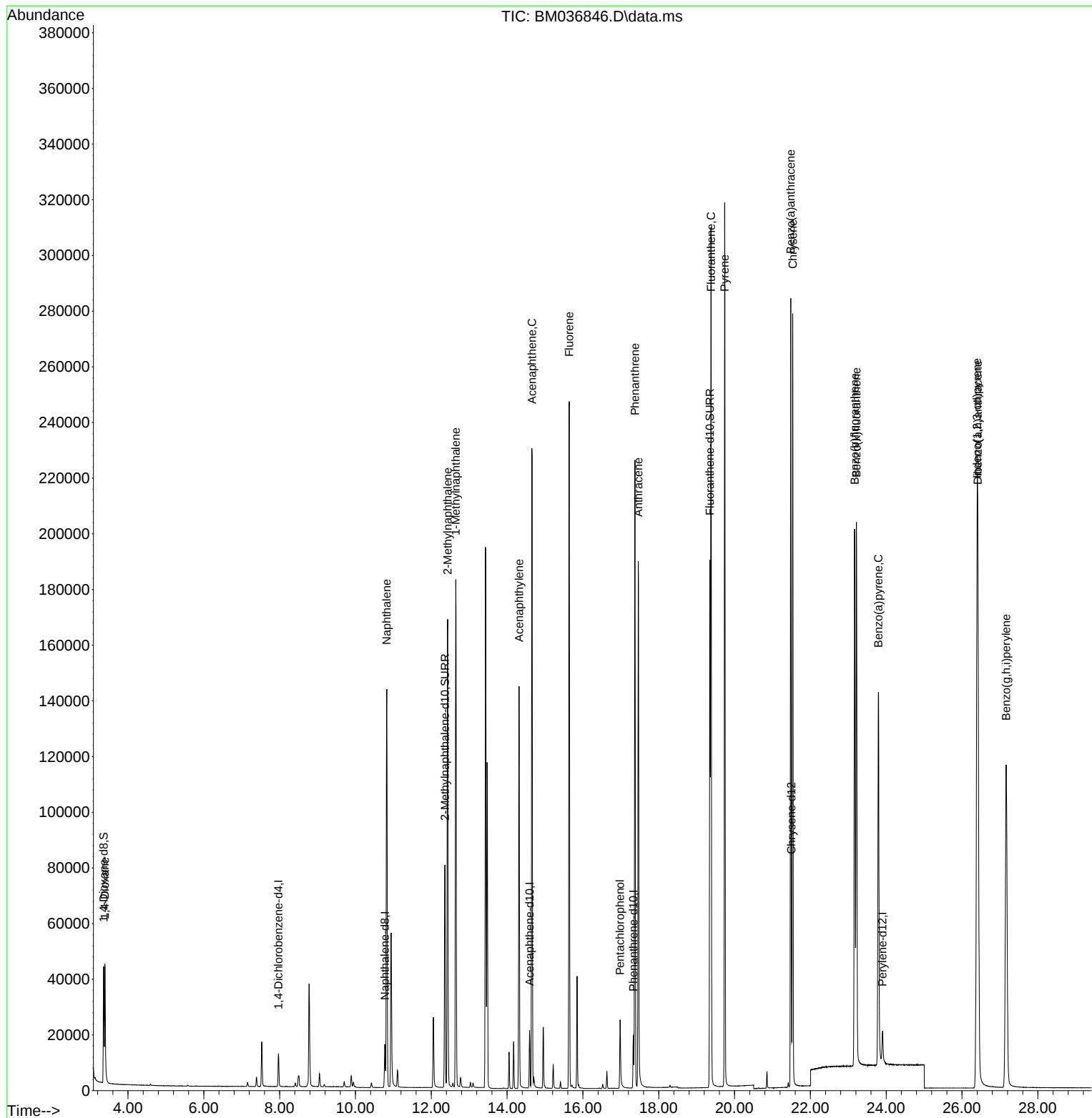
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	20351	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.594	164	10901	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	21764	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	19826	0.400	ng/ul	0.00
23) Perylene-d12	23.902	264	16710	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	27841	3.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	102627	3.233	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	194527	3.153	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	28270	3.359	ng/ul#	76
5) Naphthalene	10.826	128	193594	3.474	ng/ul	95
7) 2-Methylnaphthalene	12.431	142	119395	3.497	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	123914	3.574	ng/ul	99
10) Acenaphthylene	14.316	152	160912	3.889	ng/ul	97
11) Acenaphthene	14.654	153	130607	3.568	ng/ul	100
12) Fluorene	15.639	166	149713	3.675	ng/ul	98
14) Pentachlorophenol	16.980	266	18951	4.834	ng/ul	98
15) Phenanthrene	17.372	178	228401	3.599	ng/ul	98
16) Anthracene	17.461	178	205261	3.847	ng/ul	97
19) Fluoranthene	19.377	202	254106	3.567	ng/ul	99
20) Pyrene	19.740	202	256719	3.491	ng/ul	99
21) Benzo(a)anthracene	21.482	228	238185	3.977	ng/ul	98
22) Chrysene	21.535	228	237939	3.554	ng/ul	98
24) Benzo(b)fluoranthene	23.168	252	251022	3.776	ng/ul	83
25) Benzo(k)fluoranthene	23.215	252	244994	3.690	ng/ul#	81
26) Benzo(a)pyrene	23.794	252	208503	3.830	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.396	276	294938	4.560	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.416	278	238851	4.307	ng/ul#	85
29) Benzo(g,h,i)perylene	27.164	276	253066	4.101	ng/ul	95

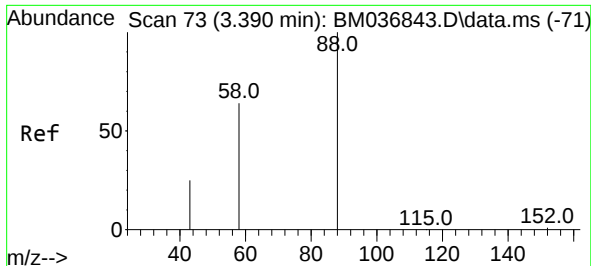
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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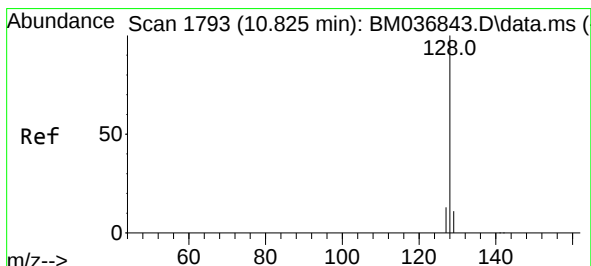
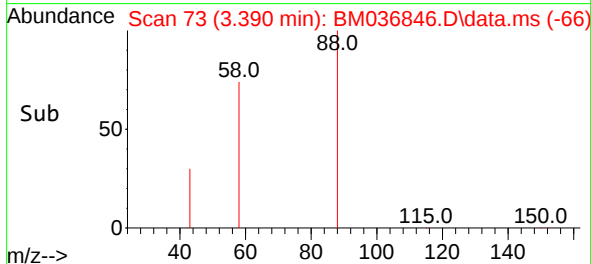
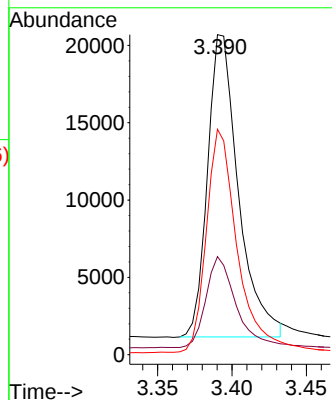
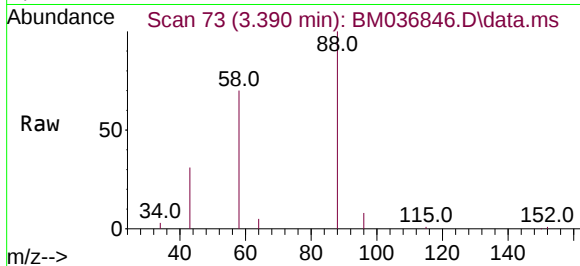




#2
1,4-Dioxane
Concen: 3.359 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

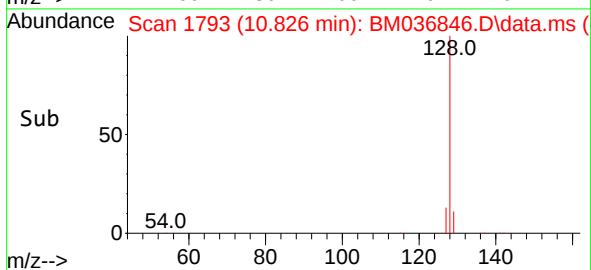
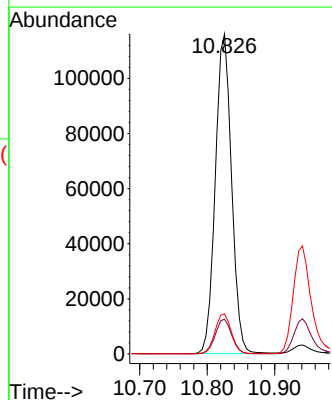
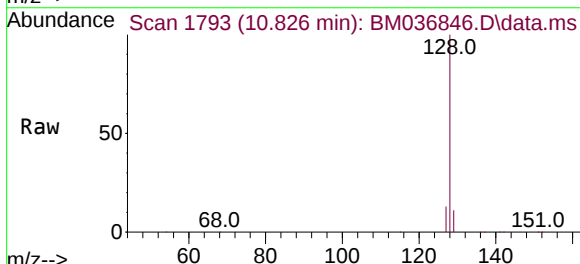
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

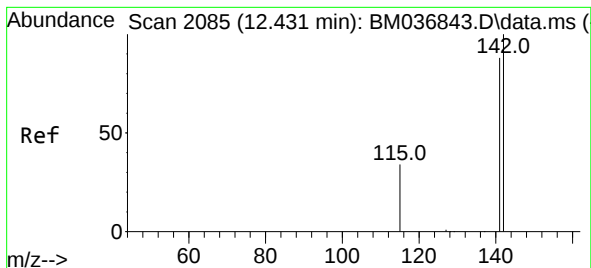
Tgt Ion: 88 Resp: 28270
Ion Ratio Lower Upper
88 100
43 30.7 37.8 56.6#
58 70.4 42.6 63.8#



#5
Naphthalene
Concen: 3.474 ng/ul
RT: 10.826 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion: 128 Resp: 193594
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.6 11.7 17.5

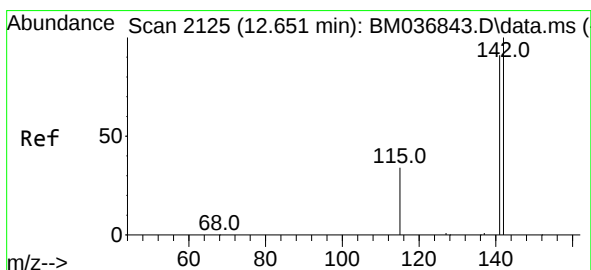
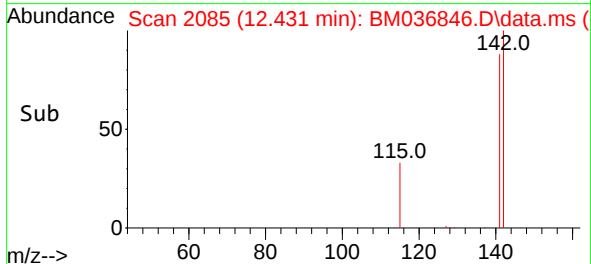
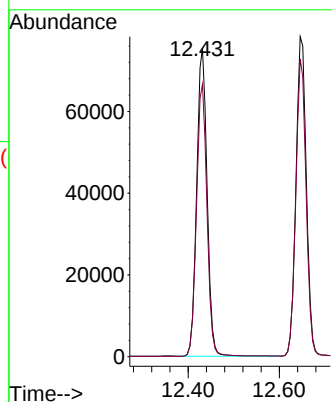
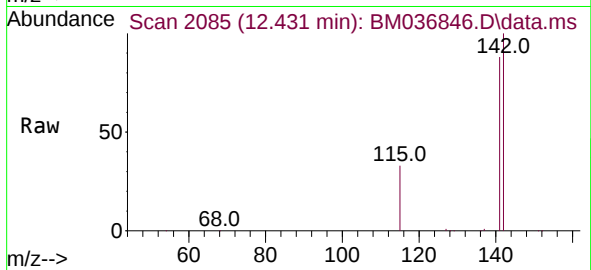




#7
2-Methylnaphthalene
Concen: 3.497 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

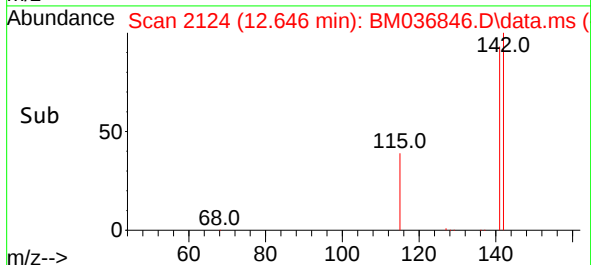
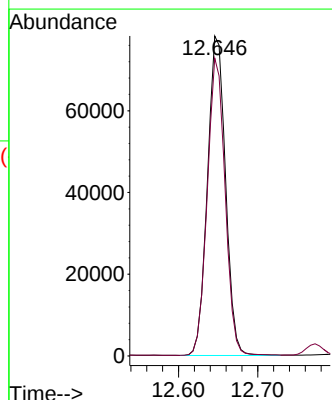
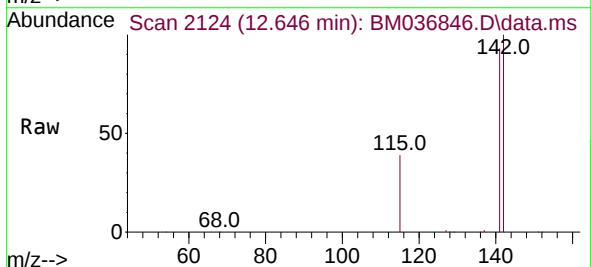
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

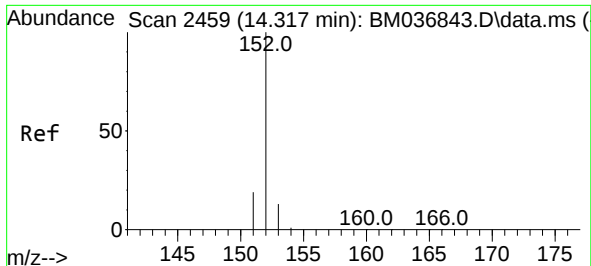
Tgt Ion:142 Resp: 119395
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 3.574 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:142 Resp: 123914
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

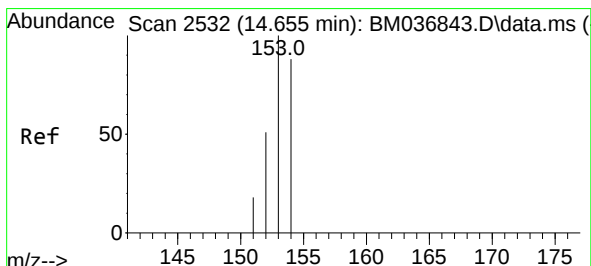
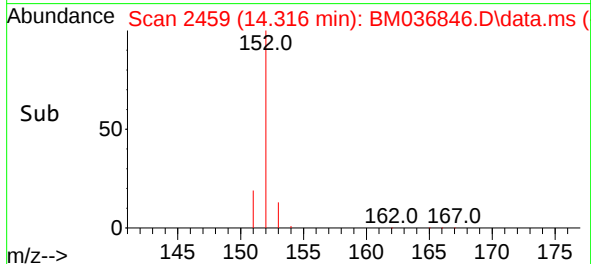
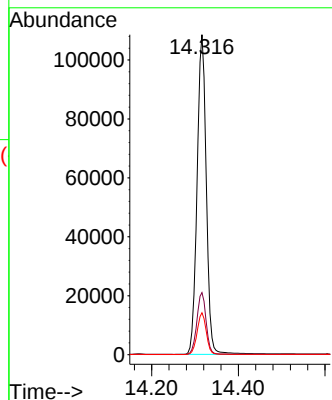
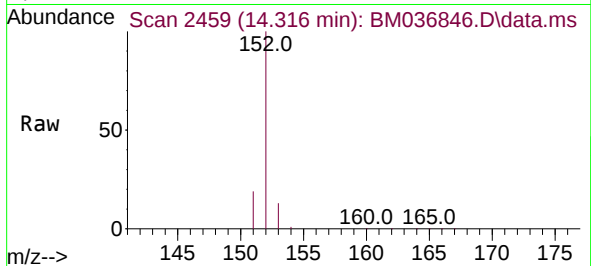




#10
Acenaphthylene
Concen: 3.889 ng/ul
RT: 14.316 min Scan# 2459
Delta R.T. -0.001 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

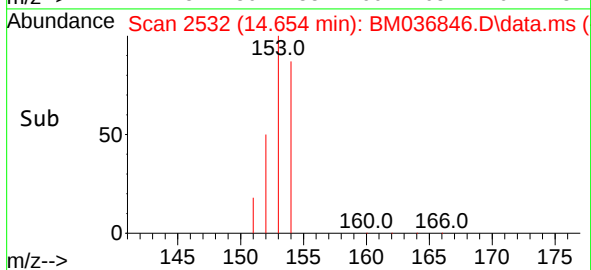
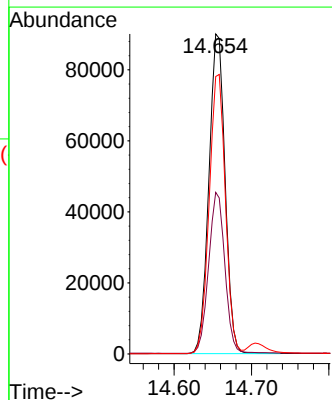
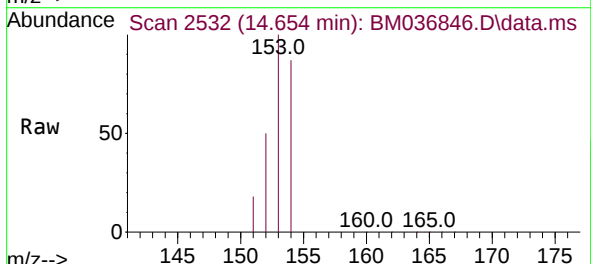
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

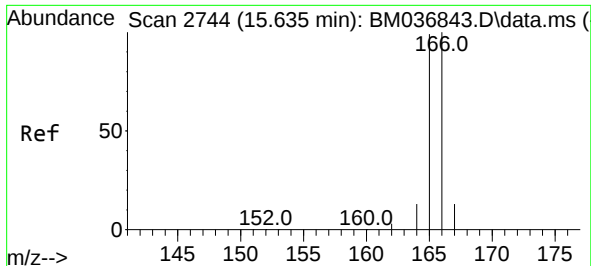
Tgt Ion:152 Resp: 160912
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 13.1 11.4 17.0



#11
Acenaphthene
Concen: 3.568 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:153 Resp: 130607
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 86.7 69.7 104.5

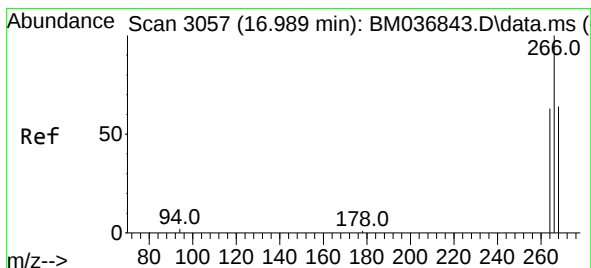
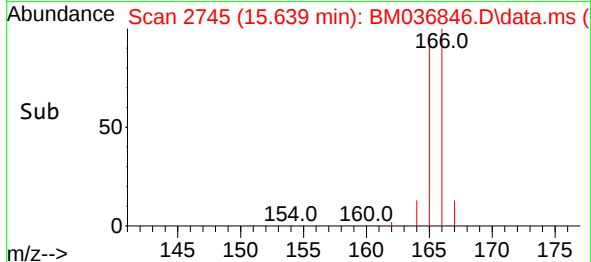
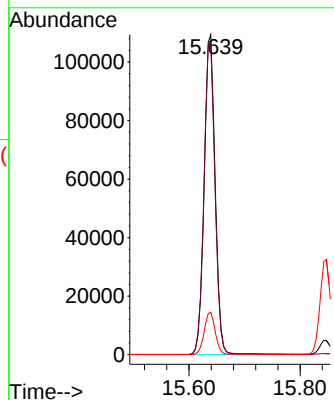
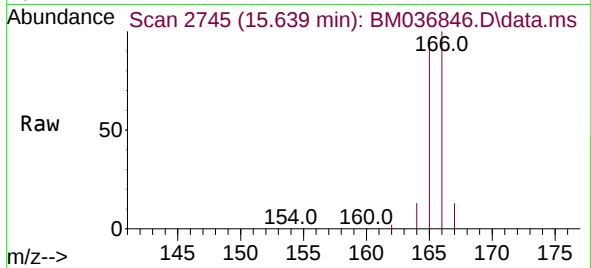




#12
 Fluorene
 Concen: 3.675 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BM036846.D
 Acq: 06 Oct 2022 16:24

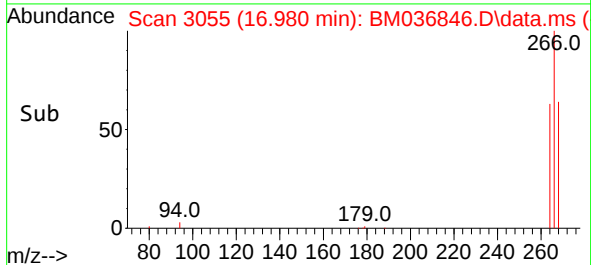
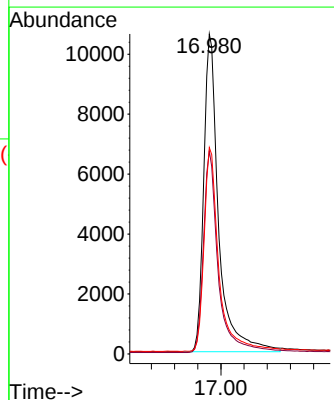
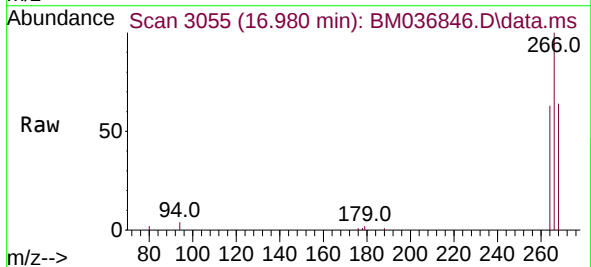
Instrument :
 BNA_M
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 SSTD3.2027

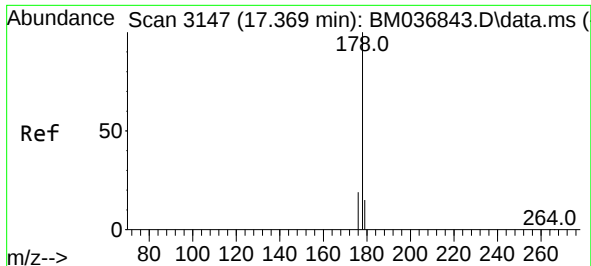
Tgt Ion:166 Resp: 149713
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.9 118.3
 167 13.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 4.834 ng/ul
 RT: 16.980 min Scan# 3055
 Delta R.T. -0.009 min
 Lab File: BM036846.D
 Acq: 06 Oct 2022 16:24

Tgt Ion:266 Resp: 18951
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.3 75.5
 268 64.0 53.5 80.3

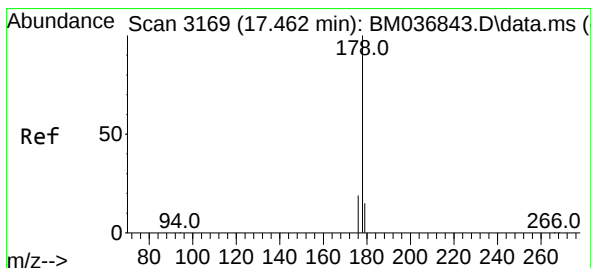
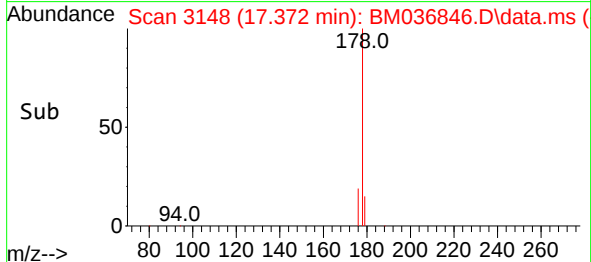
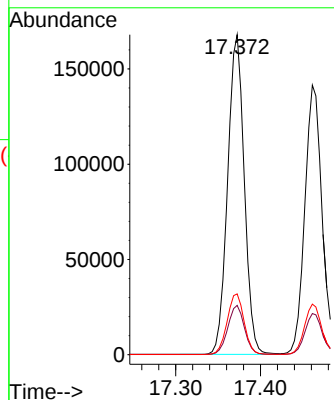
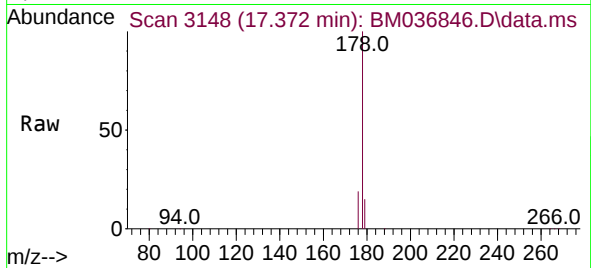




#15
Phenanthrene
Concen: 3.599 ng/ul
RT: 17.372 min Scan# 3148
Delta R.T. 0.003 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

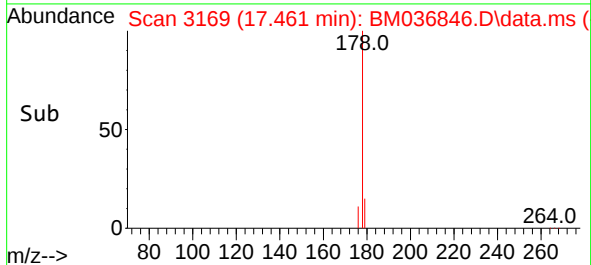
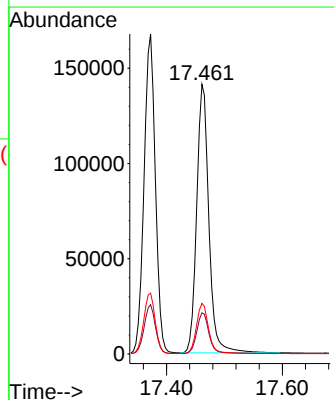
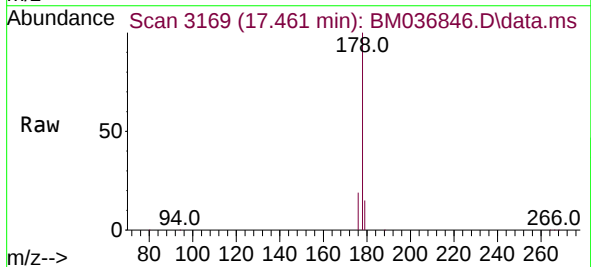
Instrument :
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ClientSampleId :
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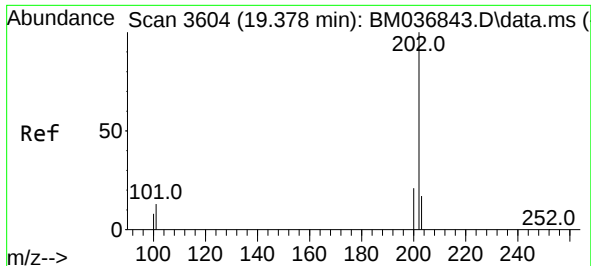
Tgt Ion:178 Resp: 228401
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.0 15.6 23.4



#16
Anthracene
Concen: 3.847 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:178 Resp: 205261
Ion Ratio Lower Upper
178 100
179 15.2 13.6 20.4
176 18.8 15.6 23.4

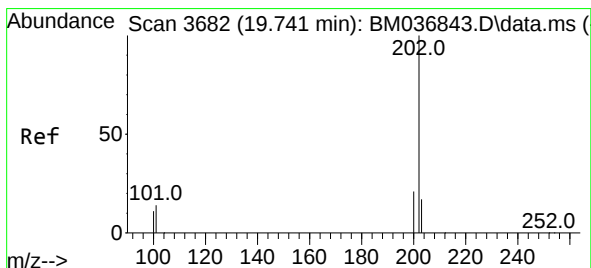
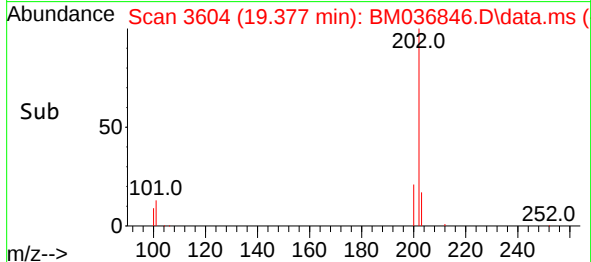
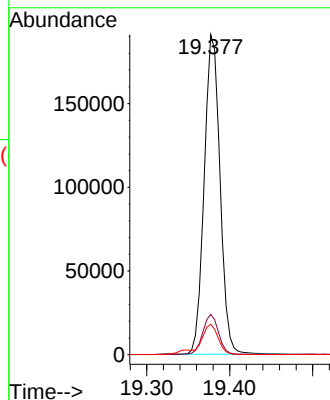
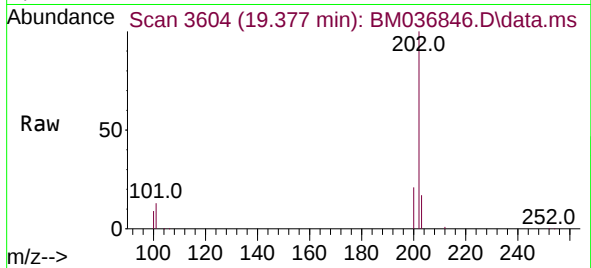




#19
Fluoranthene
Concen: 3.567 ng/ul
RT: 19.377 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

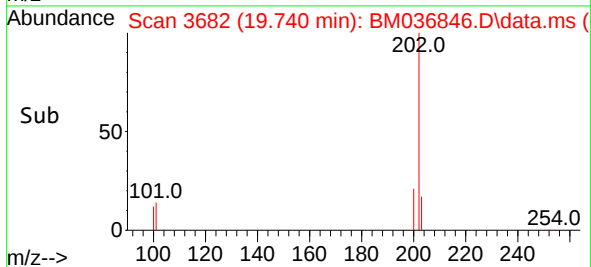
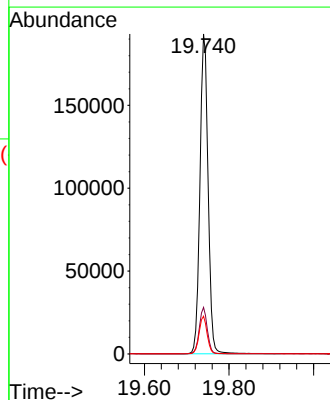
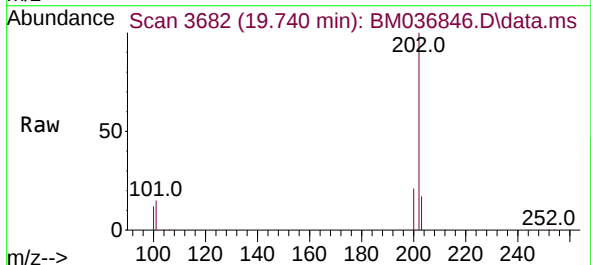
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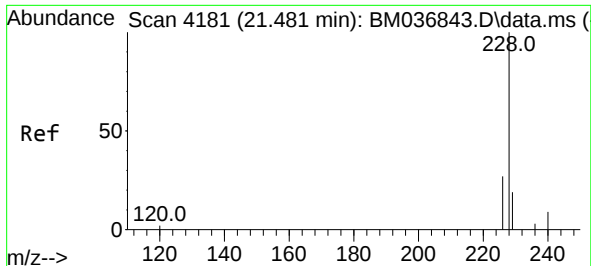
Tgt Ion:202 Resp: 254106
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.5 7.9 11.9



#20
Pyrene
Concen: 3.491 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:202 Resp: 256719
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.8 9.8 14.6

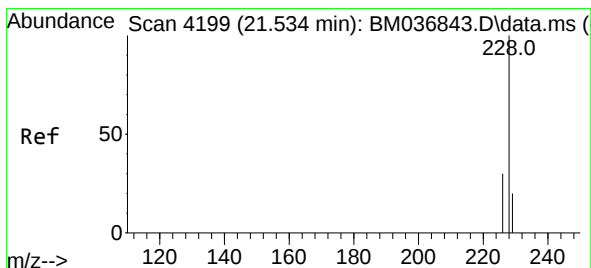
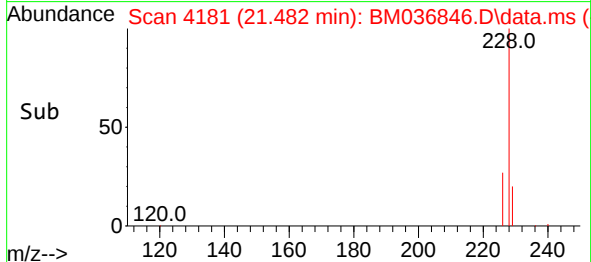
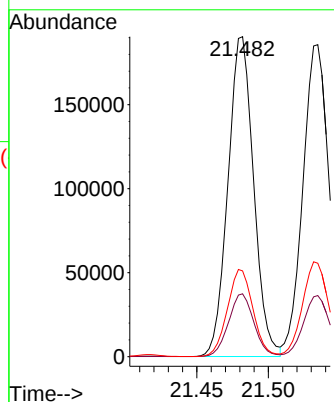
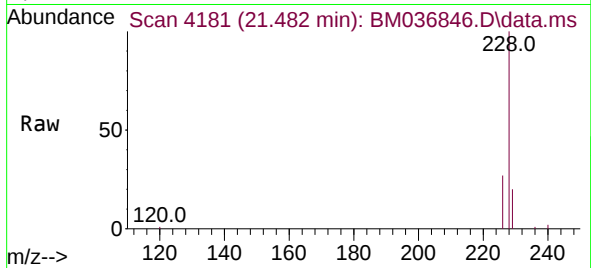




#21
Benzo(a)anthracene
Concen: 3.977 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

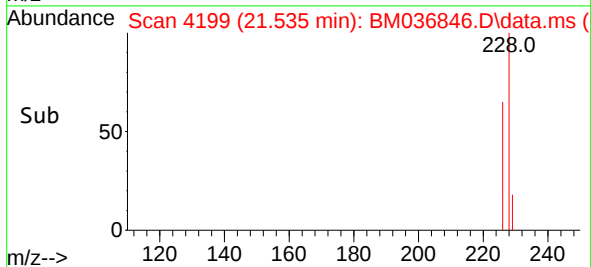
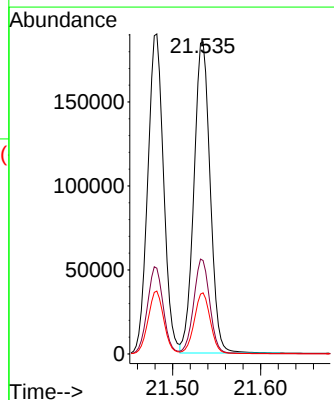
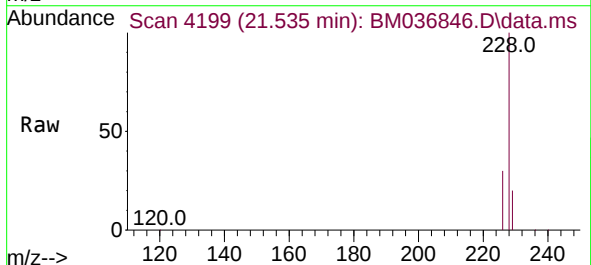
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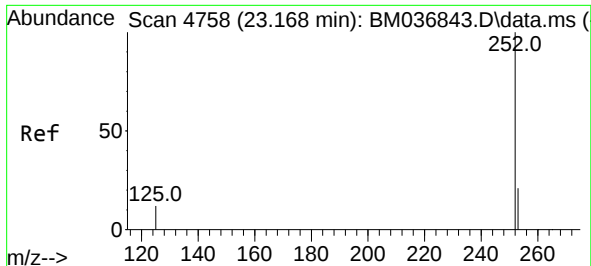
Tgt Ion:228 Resp: 238185
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 26.8 22.5 33.7



#22
Chrysene
Concen: 3.554 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:228 Resp: 237939
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 19.6 16.4 24.6

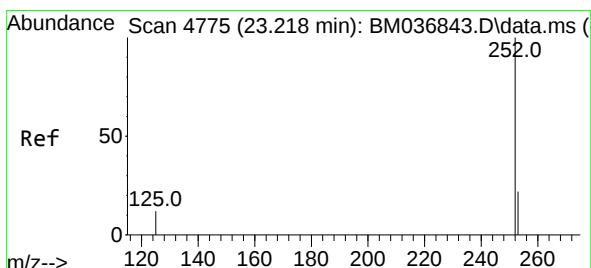
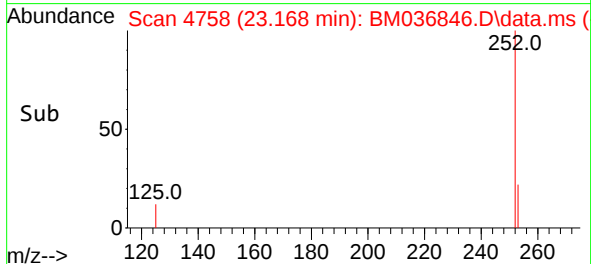
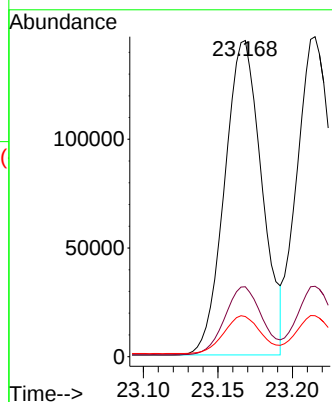
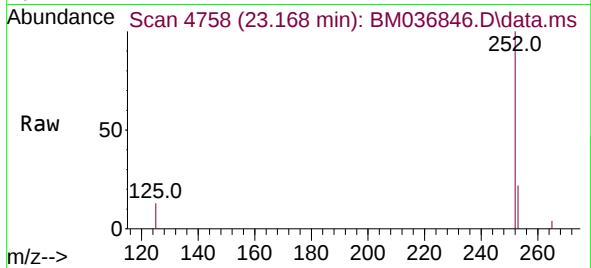




#24
Benzo(b)fluoranthene
Concen: 3.776 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

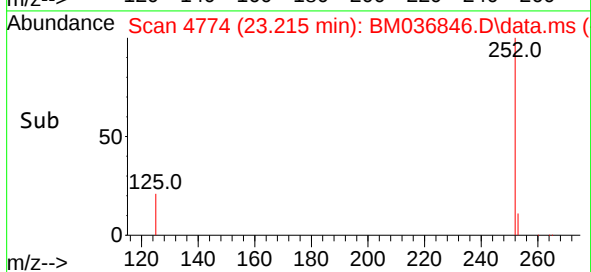
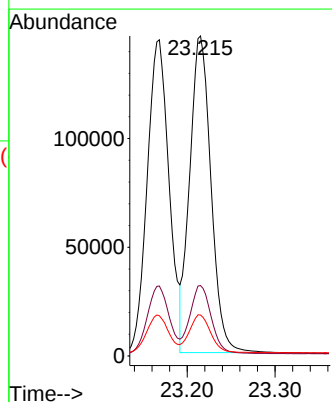
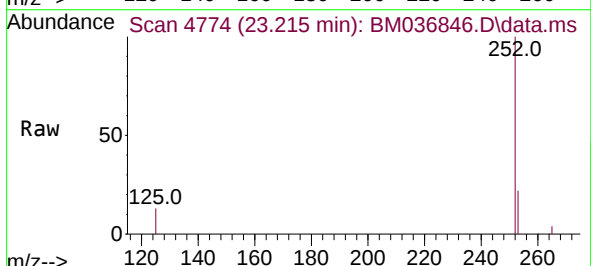
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

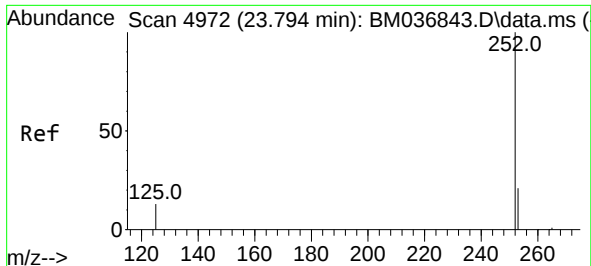
Tgt Ion:252 Resp: 251022
Ion Ratio Lower Upper
252 100
253 22.1 0.0 61.4
125 12.7 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 3.690 ng/ul
RT: 23.215 min Scan# 4774
Delta R.T. -0.002 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

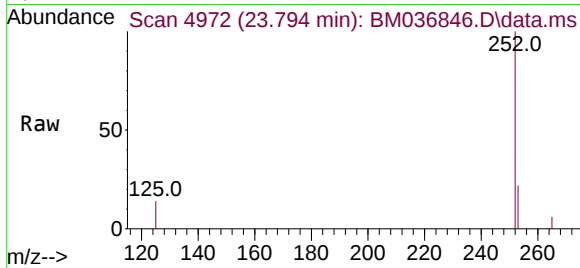
Tgt Ion:252 Resp: 244994
Ion Ratio Lower Upper
252 100
253 22.0 25.2 37.8#
125 12.8 18.3 27.5#



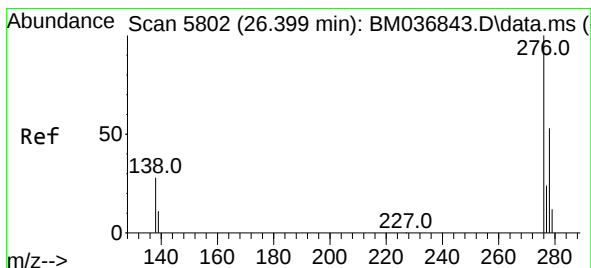
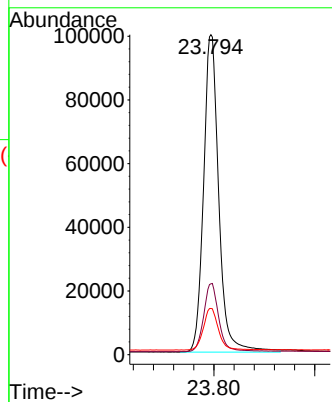
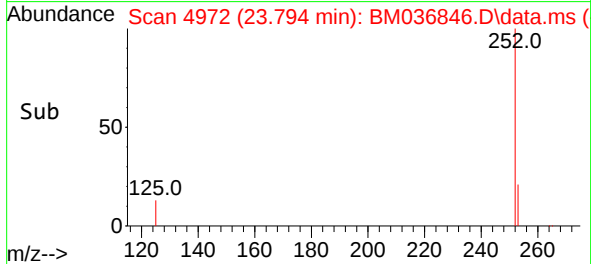


#26
Benzo(a)pyrene
Concen: 3.830 ng/ul
RT: 23.794 min Scan# 4972
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

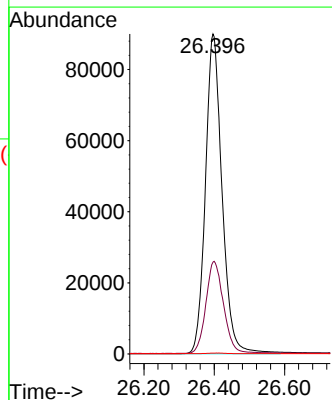
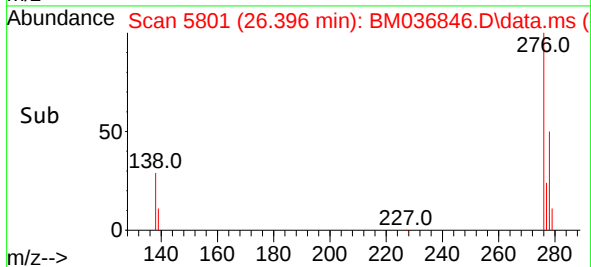
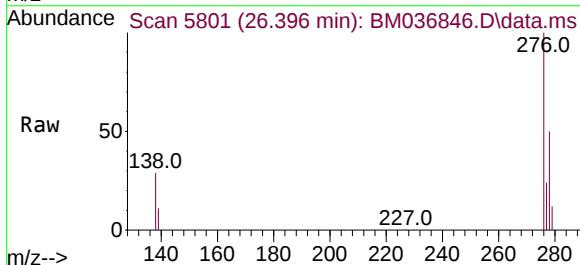


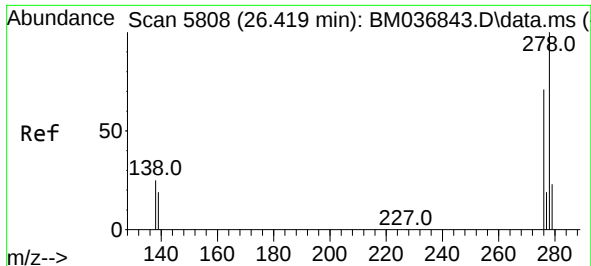
Tgt Ion:252 Resp: 208503
Ion Ratio Lower Upper
252 100
253 22.1 29.7 44.5#
125 14.5 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.560 ng/ul
RT: 26.396 min Scan# 5801
Delta R.T. -0.003 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:276 Resp: 294938
Ion Ratio Lower Upper
276 100
138 30.7 23.9 35.9
227 0.2 0.1 0.1#

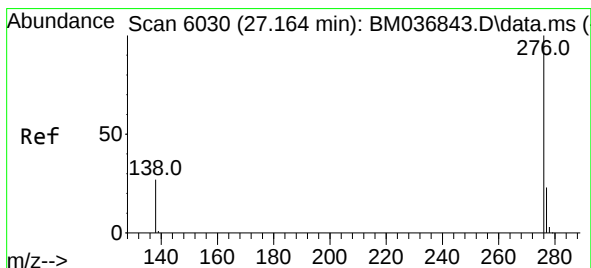
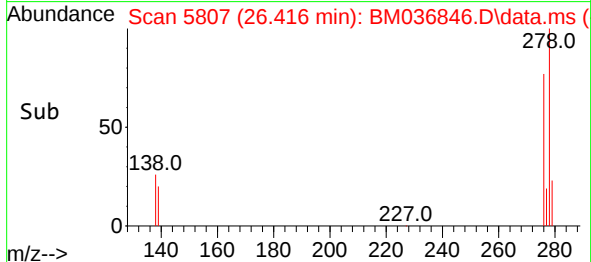
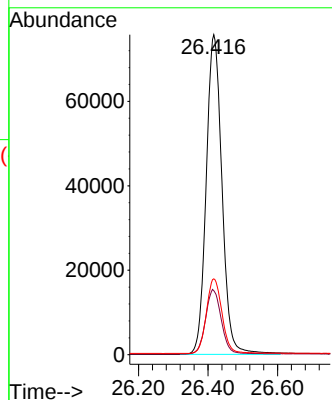
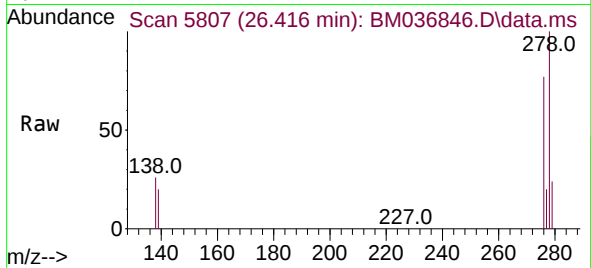




#28
Dibenzo(a,h)anthracene
Concen: 4.307 ng/ul
RT: 26.416 min Scan# 5808
Delta R.T. -0.003 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 238851
Ion Ratio Lower Upper
278 100
139 20.0 19.8 29.6
279 23.7 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 4.101 ng/ul
RT: 27.164 min Scan# 6030
Delta R.T. 0.000 min
Lab File: BM036846.D
Acq: 06 Oct 2022 16:24

Tgt Ion:276 Resp: 253066
Ion Ratio Lower Upper
276 100
138 26.3 23.4 35.0
277 23.6 21.0 31.4

