

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
 Data File : BM036843.D
 Acq On : 06 Oct 2022 14:34
 Operator : CG/JU
 Sample : SST0.469
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4024

Quant Time: Oct 06 16:14:40 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)

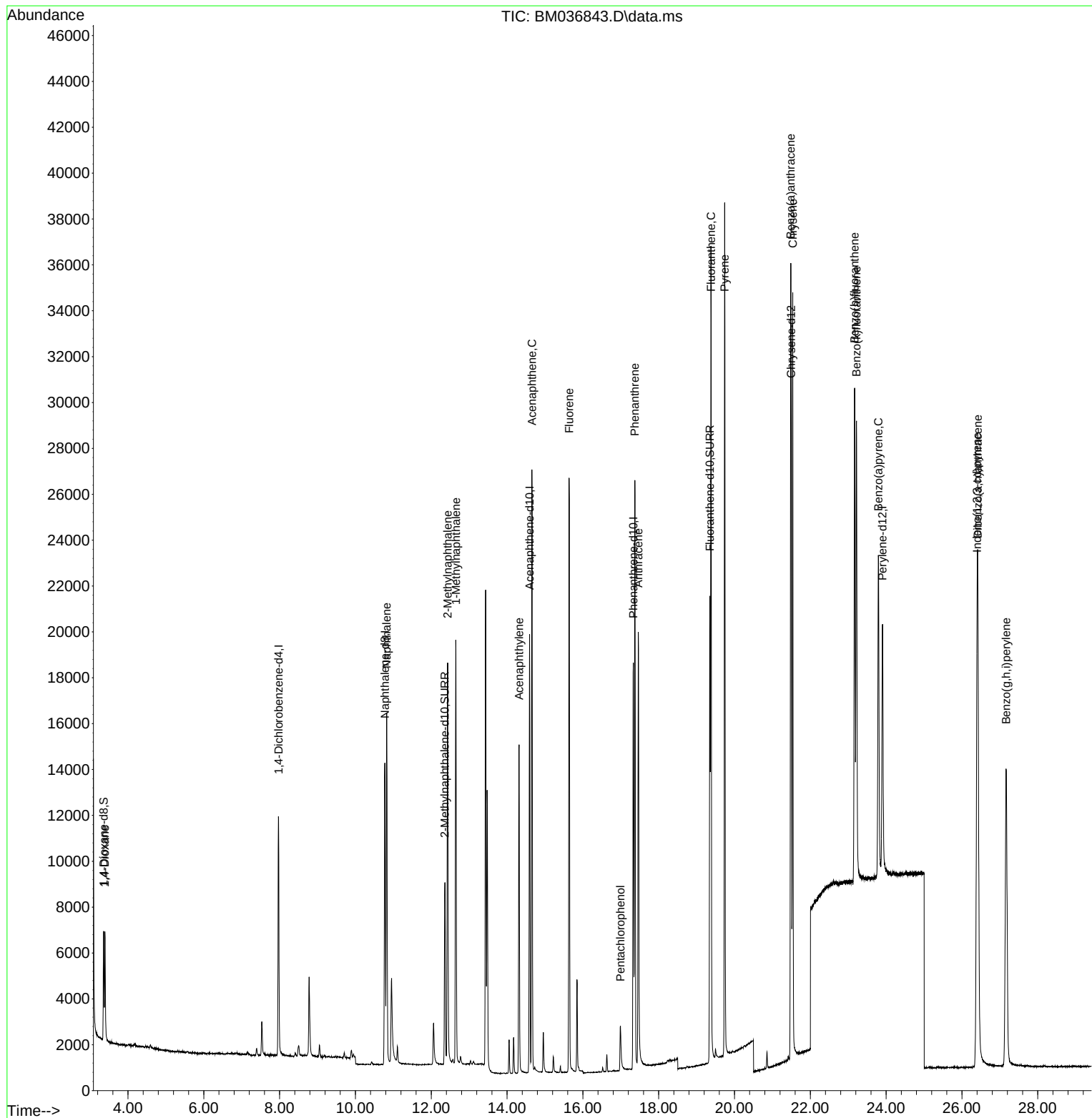
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	5636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	18515	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.594	164	10152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	21034	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	18438	0.400	ng/ul	0.00
23) Perylene-d12	23.902	264	15990	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3134	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	10983	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	21939	0.382	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	3043	0.391	ng/ul#	88
5) Naphthalene	10.825	128	20989	0.414	ng/ul	97
7) 2-Methylnaphthalene	12.431	142	12967	0.417	ng/ul	93
8) 1-Methylnaphthalene	12.651	142	13123	0.416	ng/ul	100
10) Acenaphthylene	14.317	152	16668	0.433	ng/ul	98
11) Acenaphthene	14.655	153	14702	0.431	ng/ul	99
12) Fluorene	15.635	166	16564	0.437	ng/ul	99
14) Pentachlorophenol	16.989	266	1923	0.508	ng/ul	97
15) Phenanthrene	17.369	178	26809	0.437	ng/ul	99
16) Anthracene	17.462	178	22324	0.433	ng/ul	98
19) Fluoranthene	19.378	202	29428	0.444	ng/ul	99
20) Pyrene	19.741	202	30797	0.450	ng/ul	98
21) Benzo(a)anthracene	21.481	228	26425	0.474	ng/ul	98
22) Chrysene	21.534	228	28708	0.461	ng/ul	99
24) Benzo(b)fluoranthene	23.168	252	28391	0.446	ng/ul	94
25) Benzo(k)fluoranthene	23.218	252	27620	0.435	ng/ul	93
26) Benzo(a)pyrene	23.794	252	23387	0.449	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.399	276	32663	0.528	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.419	278	26444	0.498	ng/ul#	90
29) Benzo(g,h,i)perylene	27.164	276	28957	0.490	ng/ul	98

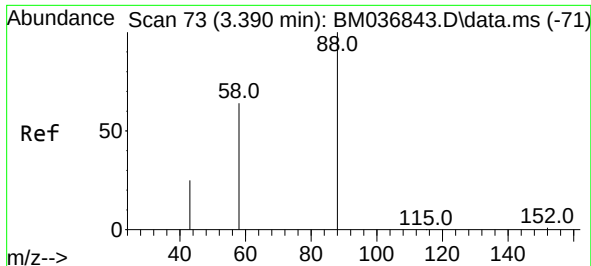
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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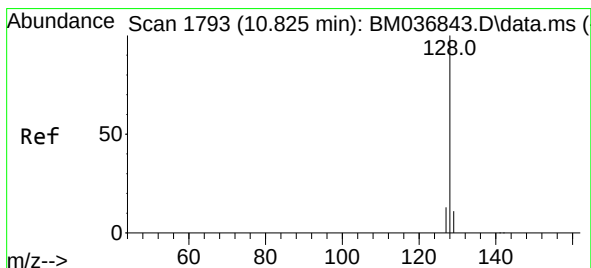
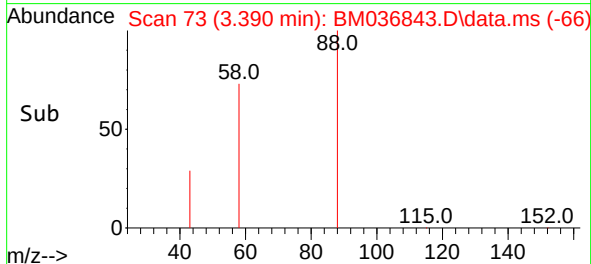
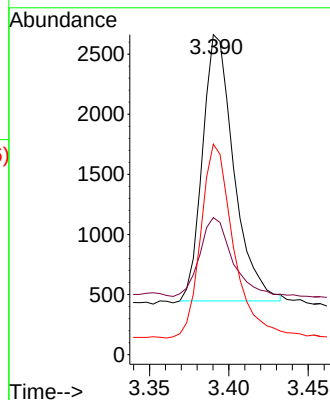
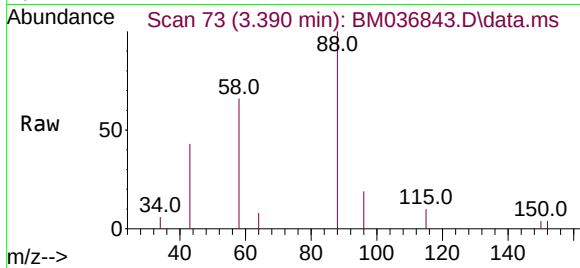




#2
1,4-Dioxane
Concen: 0.391 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

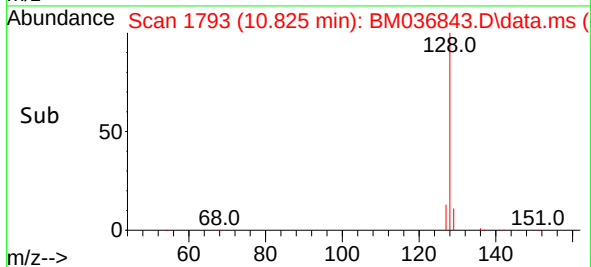
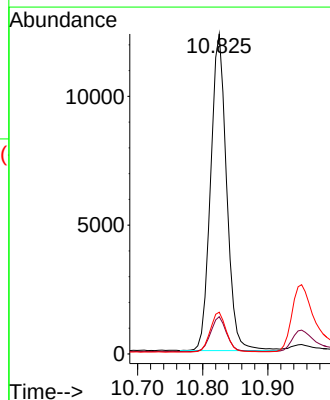
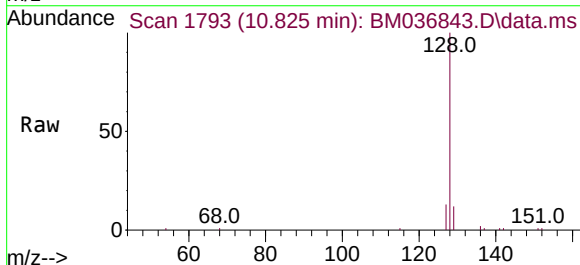
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

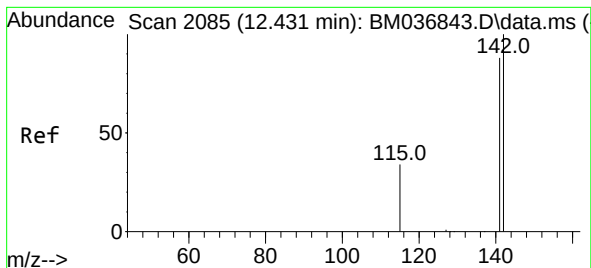
Tgt Ion: 88 Resp: 3043
Ion Ratio Lower Upper
88 100
43 42.9 37.8 56.6
58 65.8 42.6 63.8#



#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.825 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion: 128 Resp: 20989
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 13.0 11.7 17.5

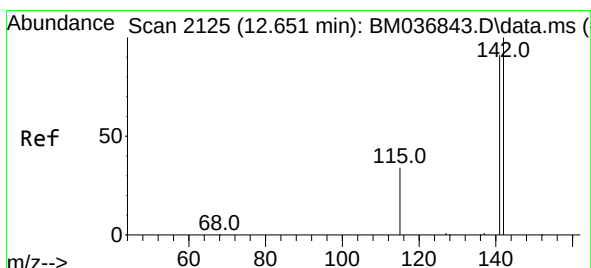
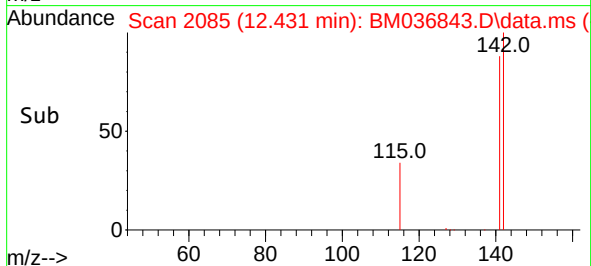
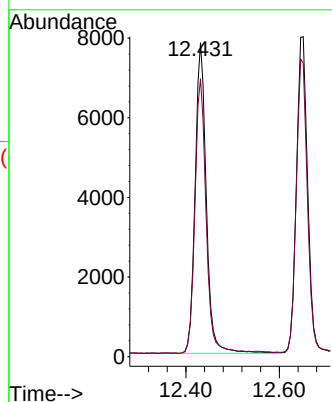
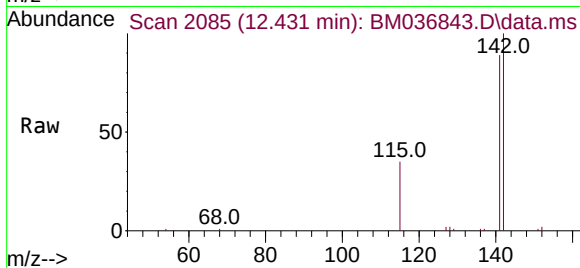




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

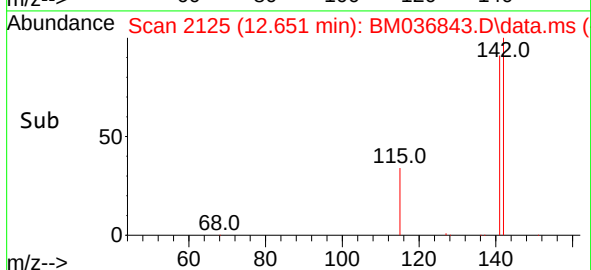
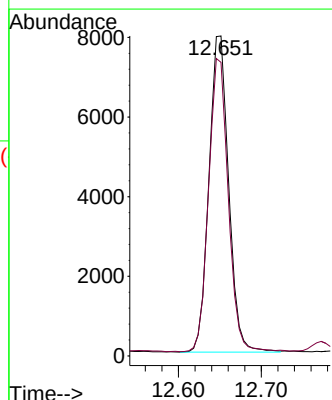
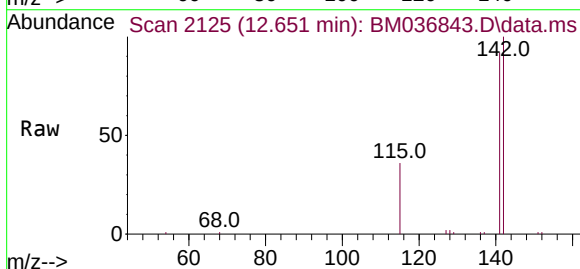
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

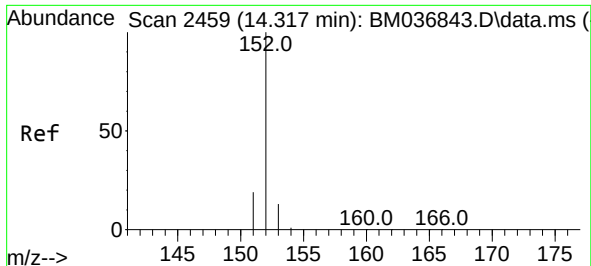
Tgt Ion:142 Resp: 12967
Ion Ratio Lower Upper
142 100
141 89.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.651 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:142 Resp: 13123
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

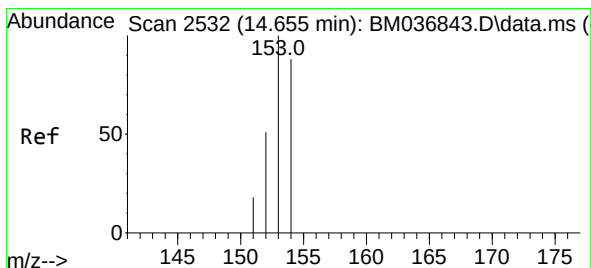
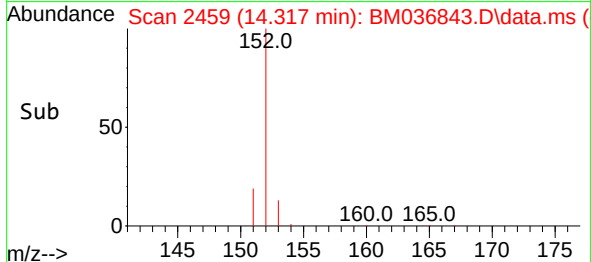
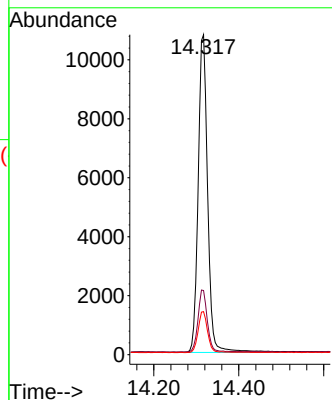
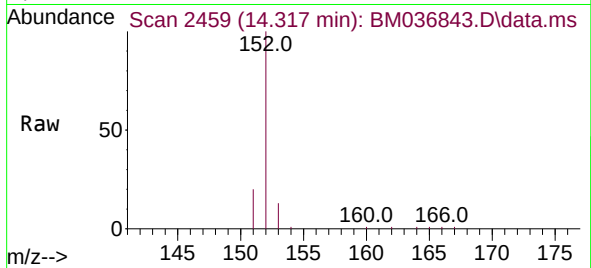




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.317 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

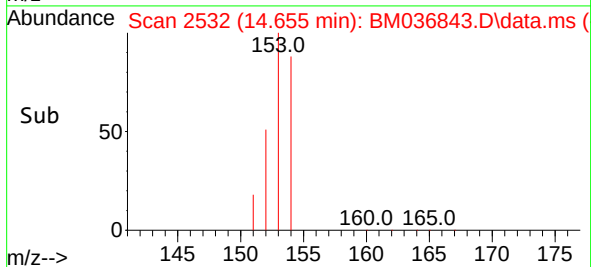
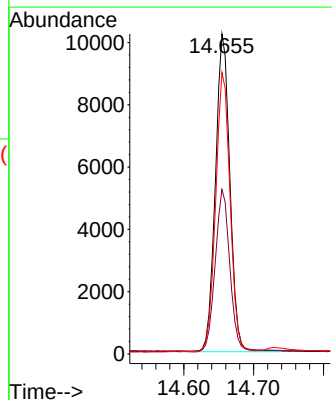
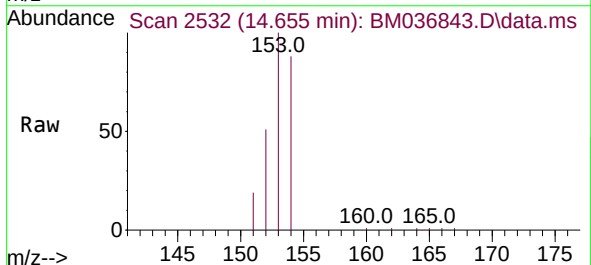
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ClientSampleId :
SSTD0.4024

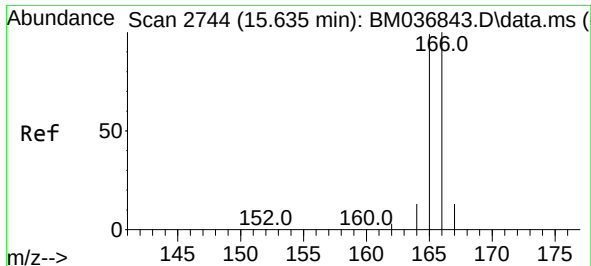
Tgt Ion:152 Resp: 16668
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.655 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:153 Resp: 14702
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 88.0 69.7 104.5

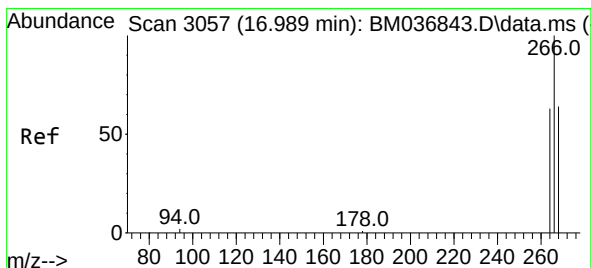
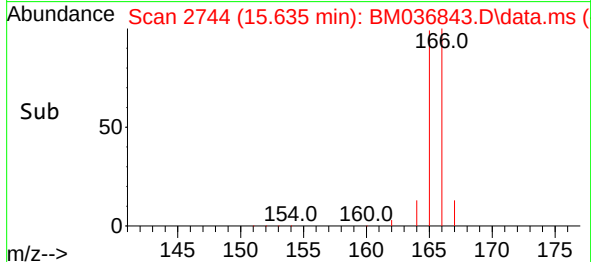
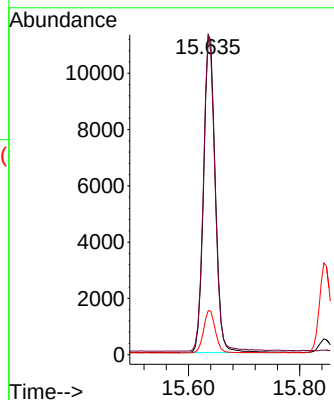
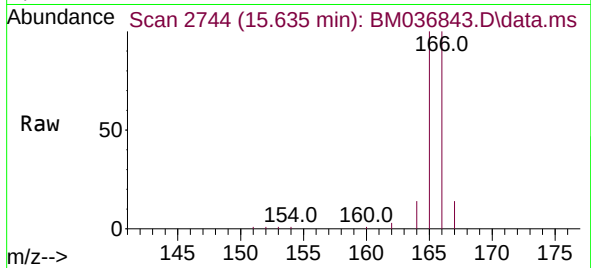




#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

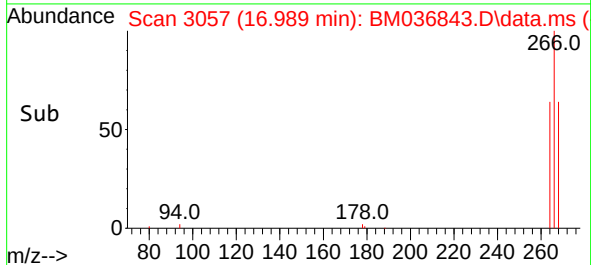
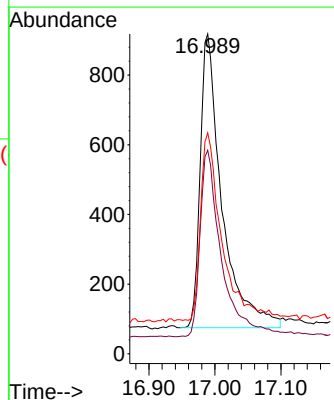
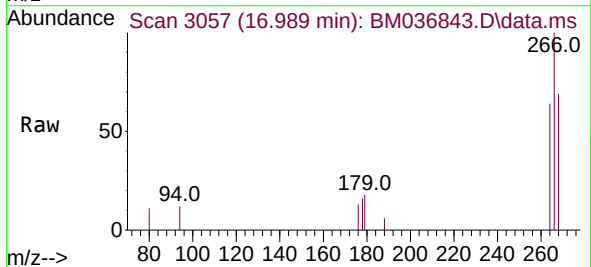
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BNA_M
ClientSampleId :
SSTD0.4024

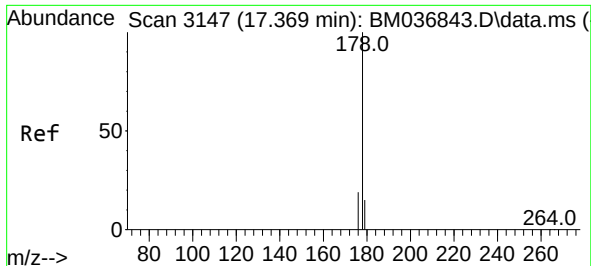
Tgt Ion:166 Resp: 16564
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.508 ng/ul
RT: 16.989 min Scan# 3057
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:266 Resp: 1923
Ion Ratio Lower Upper
266 100
264 62.6 50.3 75.5
268 62.9 53.5 80.3

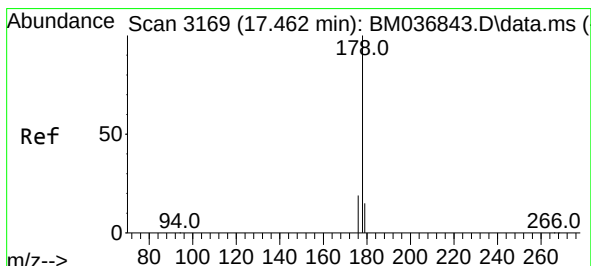
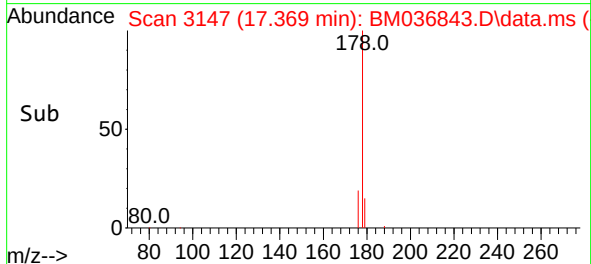
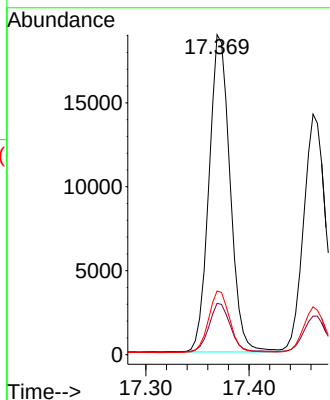
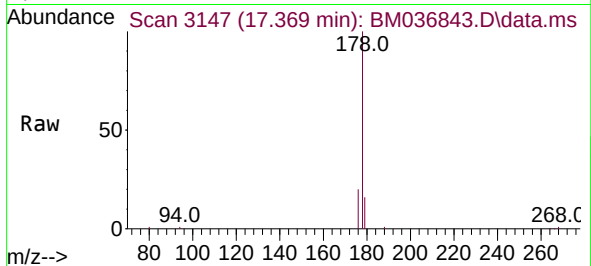




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

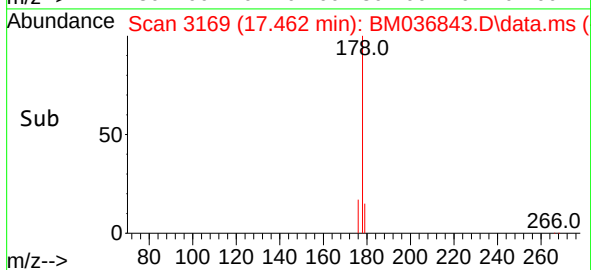
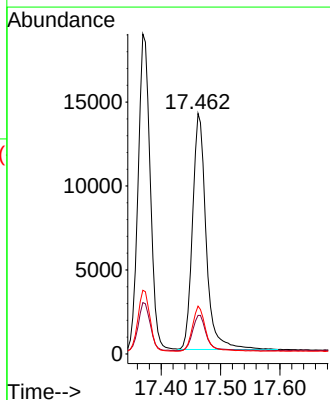
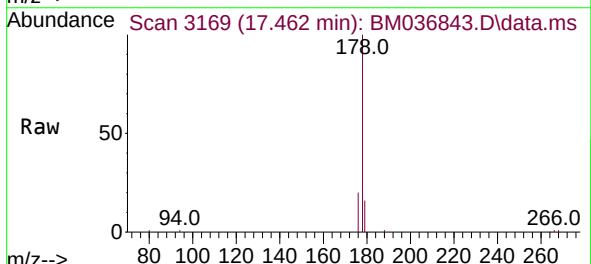
Instrument :
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ClientSampleId :
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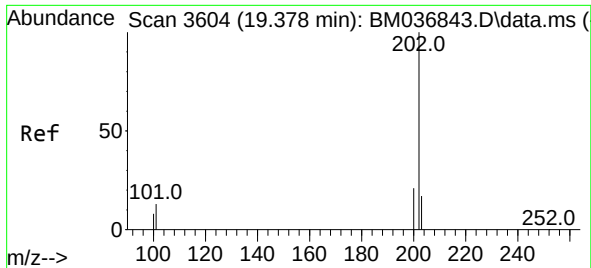
Tgt Ion:178 Resp: 26809
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.462 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:178 Resp: 22324
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.9 15.6 23.4

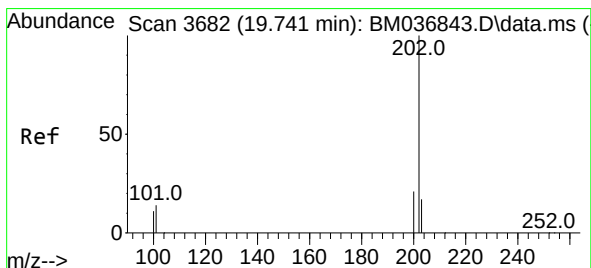
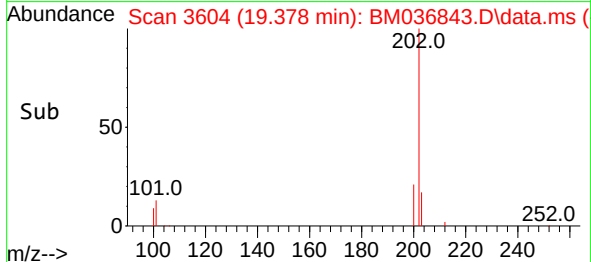
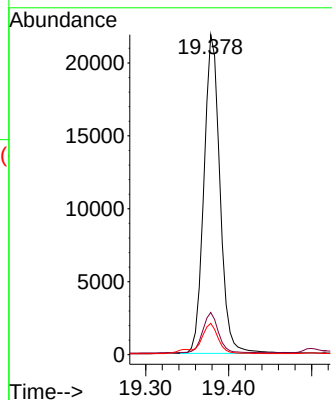
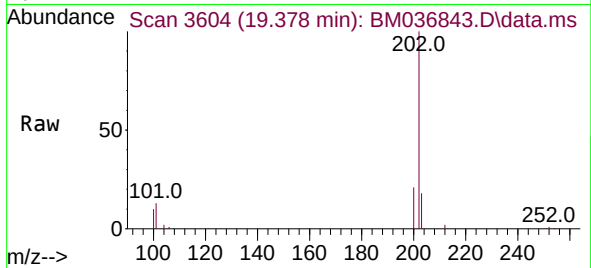




#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

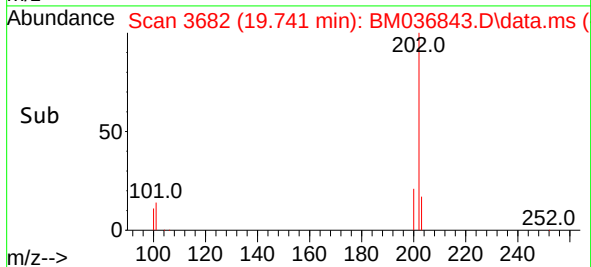
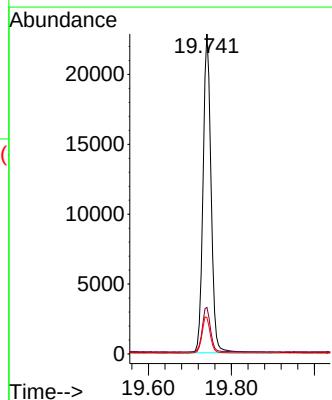
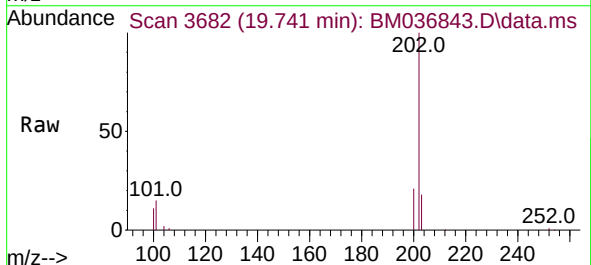
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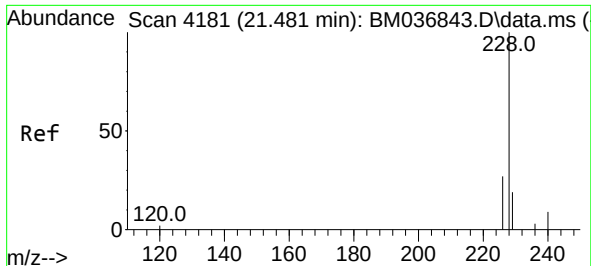
Tgt Ion:202 Resp: 29428
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 9.8 7.9 11.9



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.741 min Scan# 3682
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:202 Resp: 30797
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.4 9.8 14.6

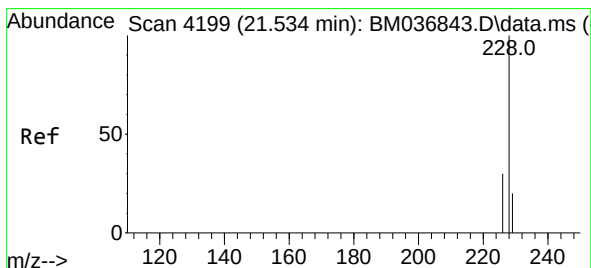
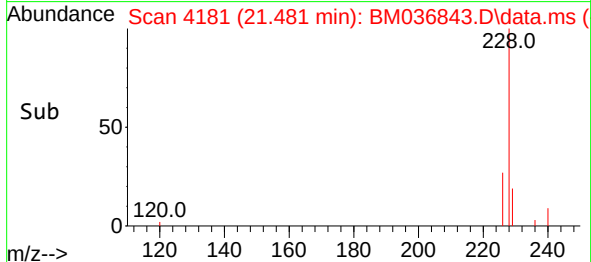
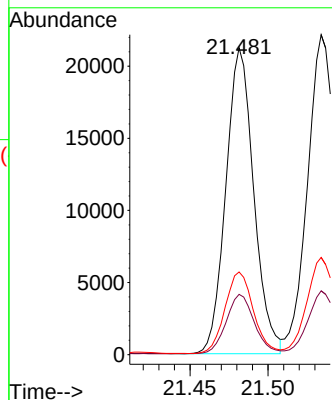
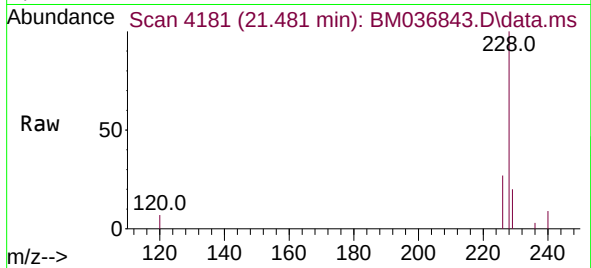




#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

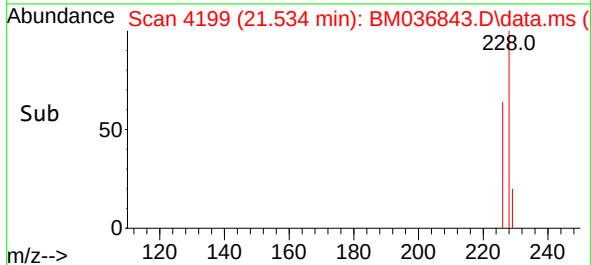
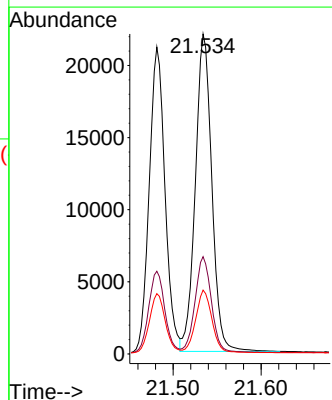
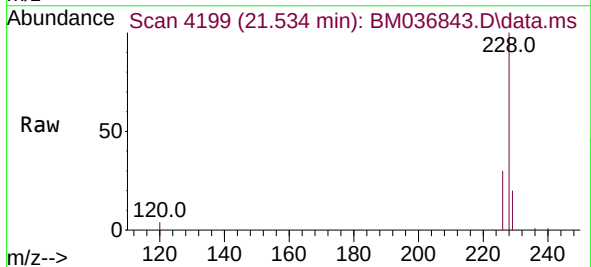
Instrument :
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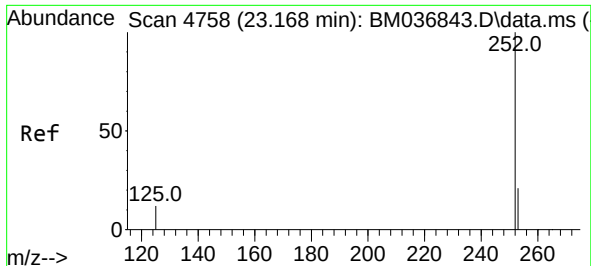
Tgt Ion:228 Resp: 26425
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.0 22.5 33.7



#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:228 Resp: 28708
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 16.4 24.6

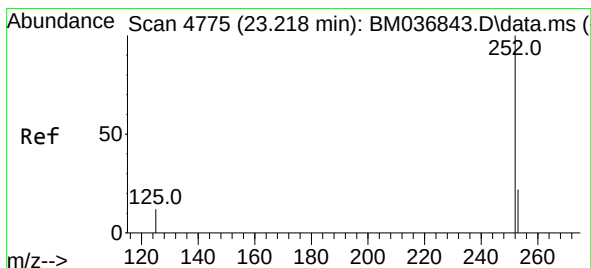
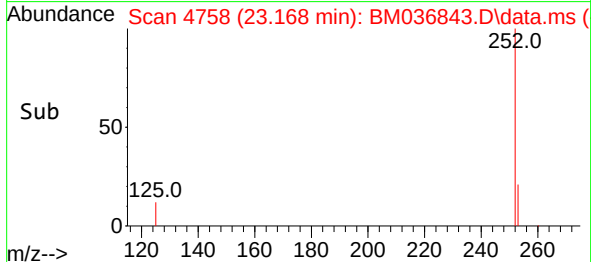
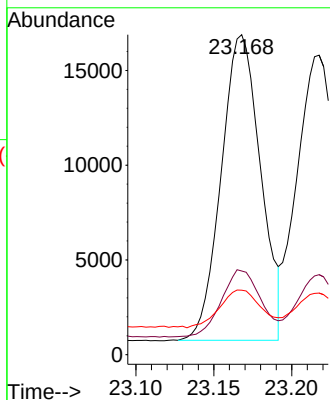
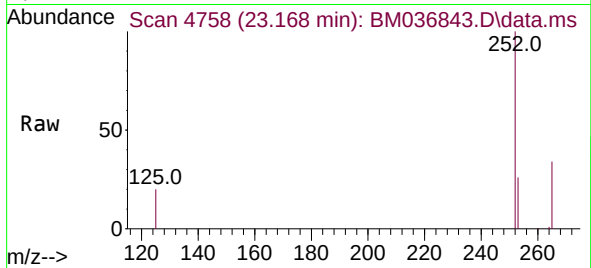




#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

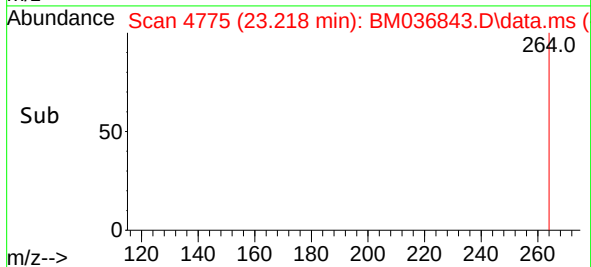
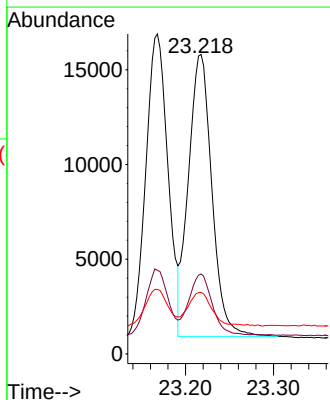
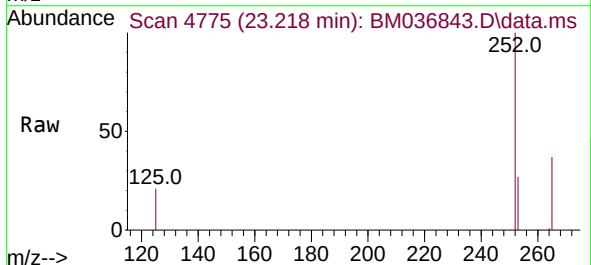
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

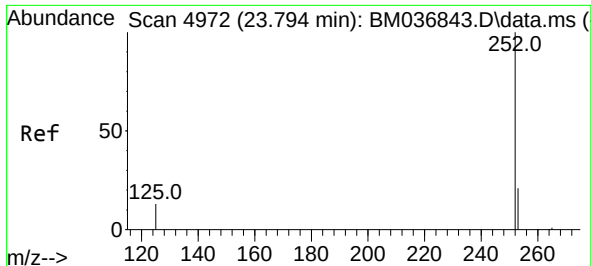
Tgt Ion:252 Resp: 28391
Ion Ratio Lower Upper
252 100
253 26.1 0.0 61.4
125 20.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.218 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:252 Resp: 27620
Ion Ratio Lower Upper
252 100
253 26.7 25.2 37.8
125 20.5 18.3 27.5

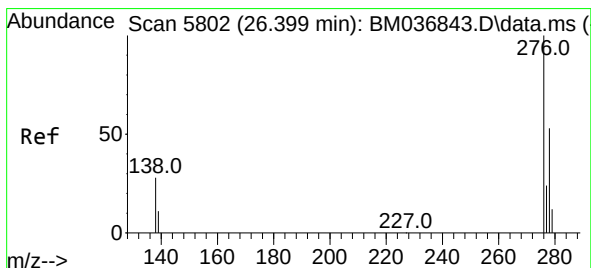
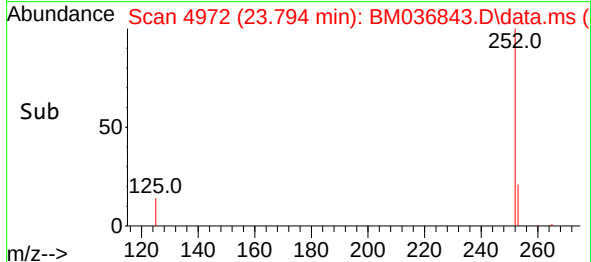
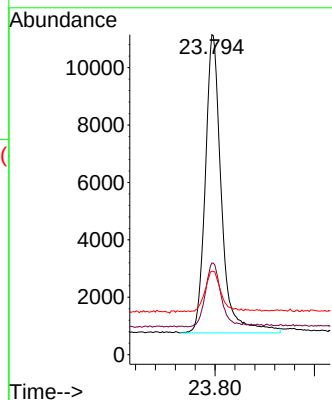
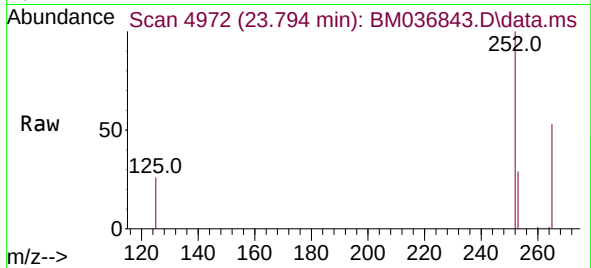




#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.794 min Scan# 4972
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

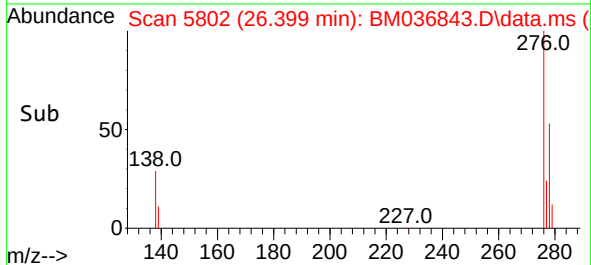
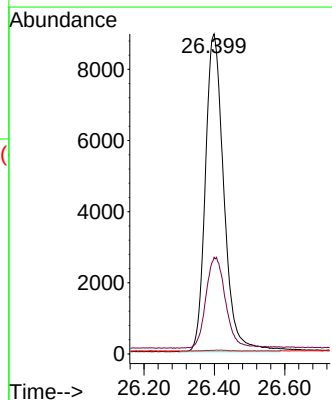
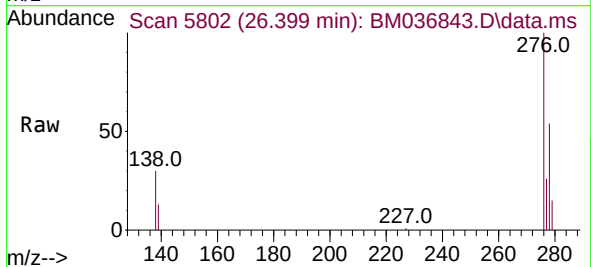
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

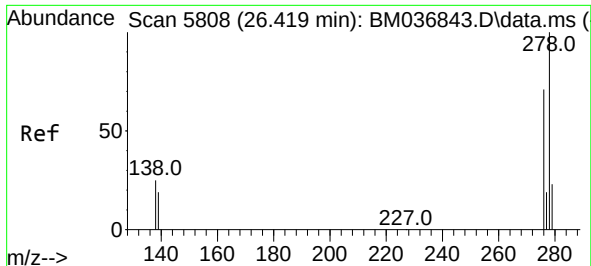
Tgt Ion:252 Resp: 23387
Ion Ratio Lower Upper
252 100
253 28.6 29.7 44.5#
125 26.1 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 26.399 min Scan# 5802
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:276 Resp: 32663
Ion Ratio Lower Upper
276 100
138 30.3 23.9 35.9
227 0.0 0.1 0.1#

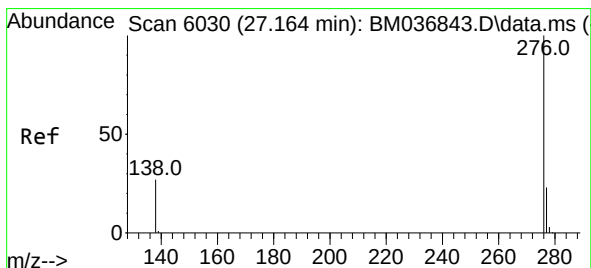
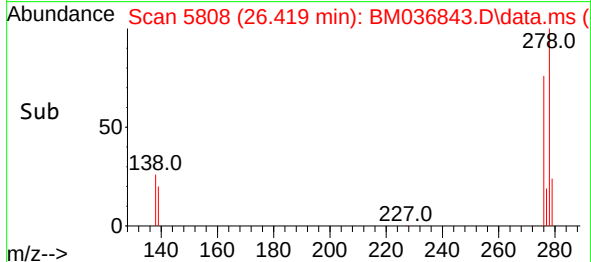
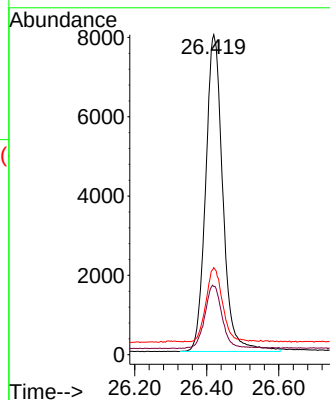
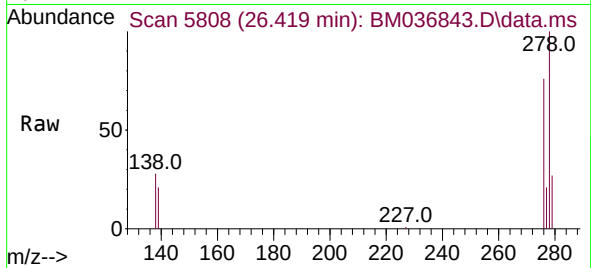




#28
Dibenzo(a,h)anthracene
Concen: 0.498 ng/ul
RT: 26.419 min Scan# 5808
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 26444
Ion Ratio Lower Upper
278 100
139 21.3 19.8 29.6
279 27.2 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 27.164 min Scan# 6030
Delta R.T. 0.000 min
Lab File: BM036843.D
Acq: 06 Oct 2022 14:34

Tgt Ion:276 Resp: 28957
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 24.9 21.0 31.4

