

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036883.D
 Acq On : 08 Oct 2022 07:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4135

Quant Time: Oct 10 01:24:39 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

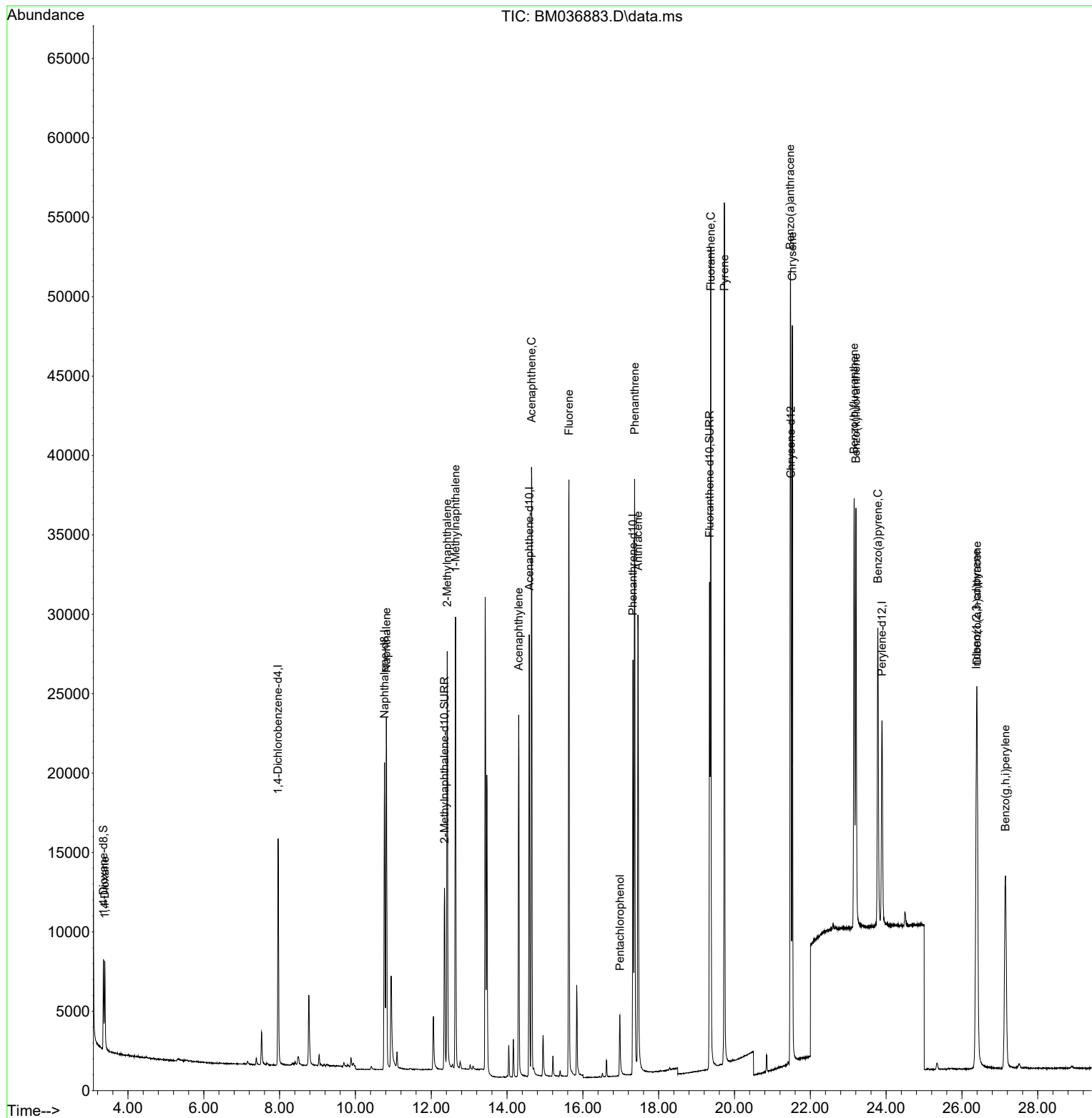
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26311	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.585	164	15064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	31003	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	24916	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	19002	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3718	0.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	16109	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	32858	0.441	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	3779	0.359	ng/ul#	87
5) Naphthalene	10.814	128	30200	0.401	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	19260	0.419	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	19658	0.421	ng/ul	98
10) Acenaphthylene	14.308	152	26350	0.421	ng/ul	98
11) Acenaphthene	14.645	153	21966	0.404	ng/ul	99
12) Fluorene	15.631	166	24710	0.401	ng/ul	99
14) Pentachlorophenol	16.976	266	3170	0.422	ng/ul	98
15) Phenanthrene	17.365	178	39990	0.404	ng/ul	99
16) Anthracene	17.453	178	34858	0.421	ng/ul	99
19) Fluoranthene	19.374	202	44434	0.448	ng/ul	97
20) Pyrene	19.732	202	45773	0.443	ng/ul	100
21) Benzo(a)anthracene	21.473	228	38561	0.428	ng/ul	99
22) Chrysene	21.525	228	39564	0.409	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	35228	0.415	ng/ul	95
25) Benzo(k)fluoranthene	23.203	252	34479	0.417	ng/ul	92
26) Benzo(a)pyrene	23.782	252	29071	0.422	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.382	276	33302	0.341	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.399	278	26332	0.334	ng/ul#	91
29) Benzo(g,h,i)perylene	27.147	276	27673	0.322	ng/ul	98

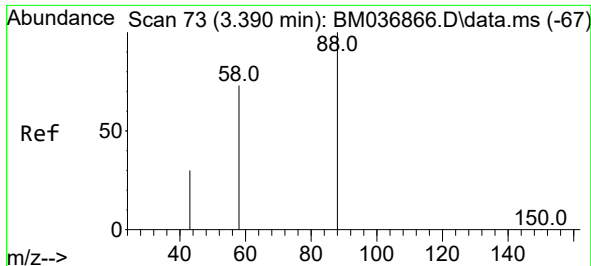
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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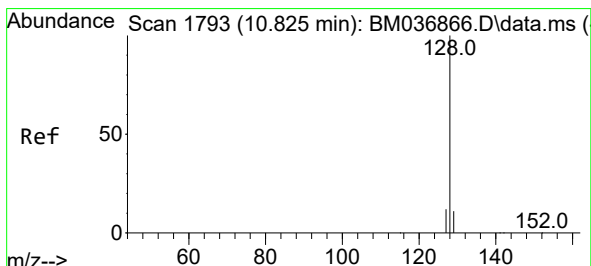
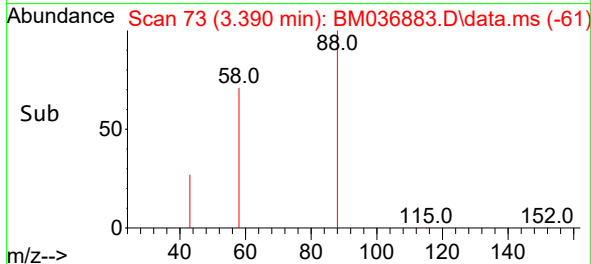
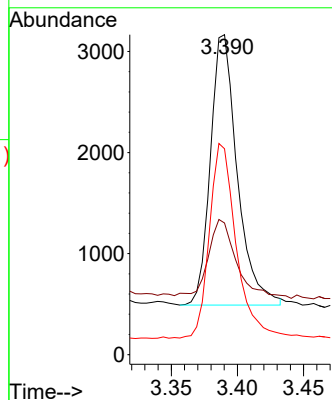
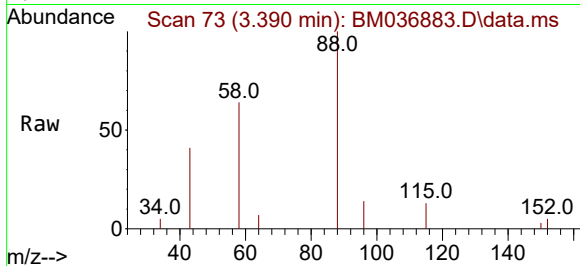




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

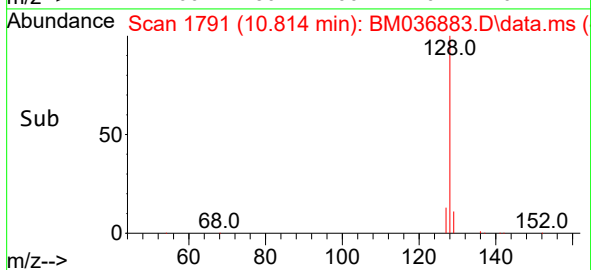
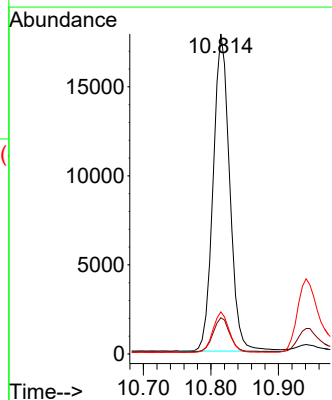
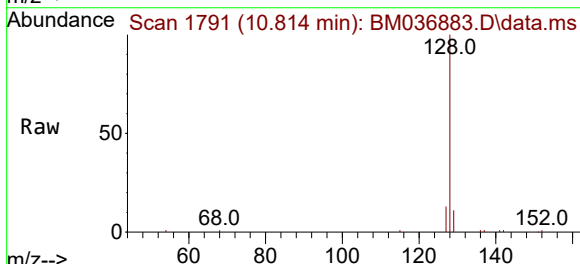
Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

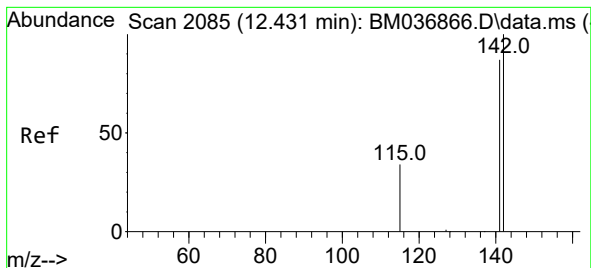
Tgt Ion: 88 Resp: 3779
Ion Ratio Lower Upper
88 100
43 41.2 37.8 56.6
58 64.3 42.6 63.8#



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion: 128 Resp: 30200
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.2 11.7 17.5

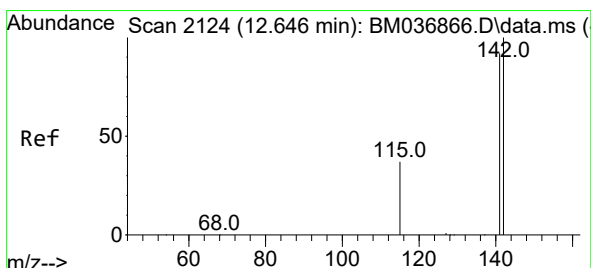
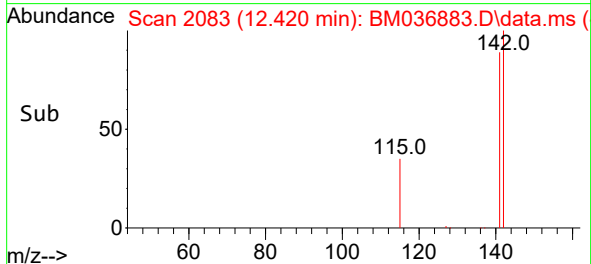
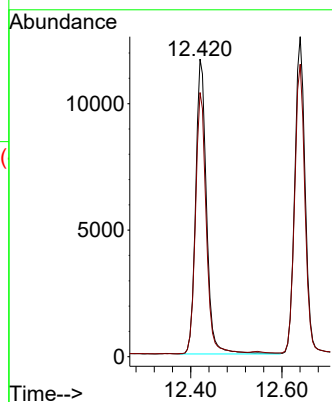
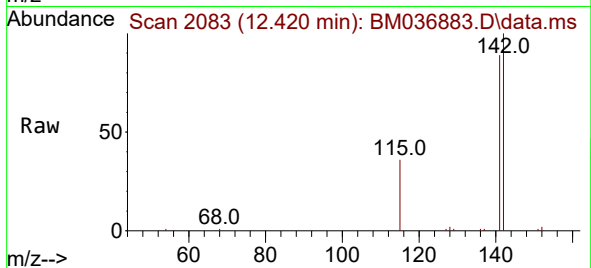




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

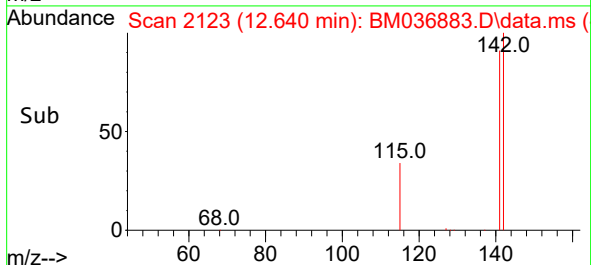
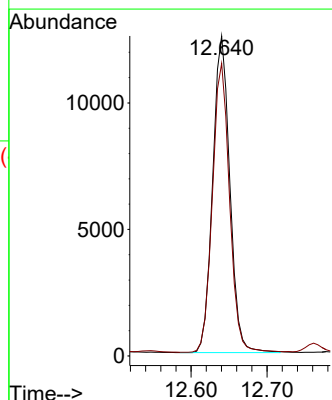
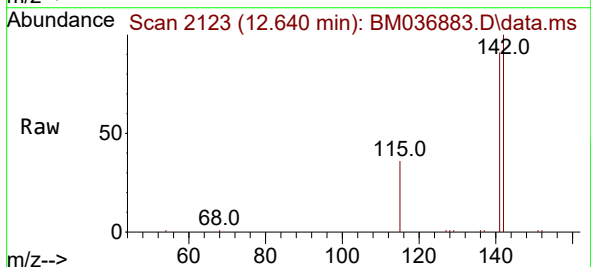
Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

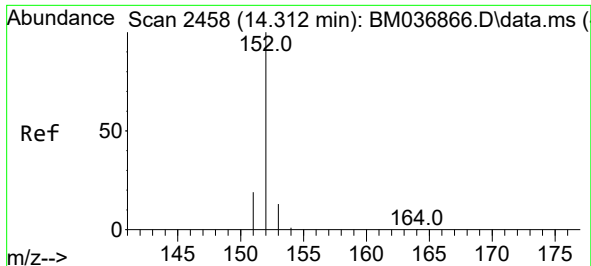
Tgt Ion:142 Resp: 19260
Ion Ratio Lower Upper
142 100
141 87.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:142 Resp: 19658
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

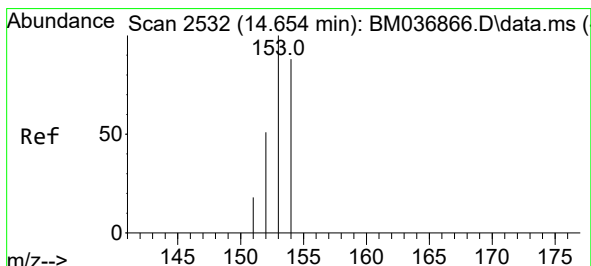
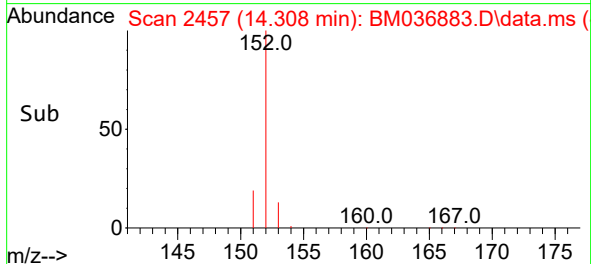
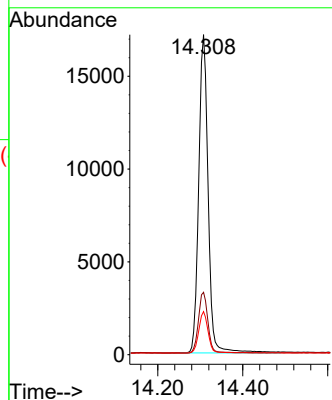
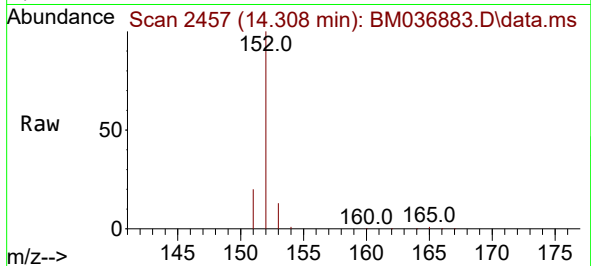




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.308 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

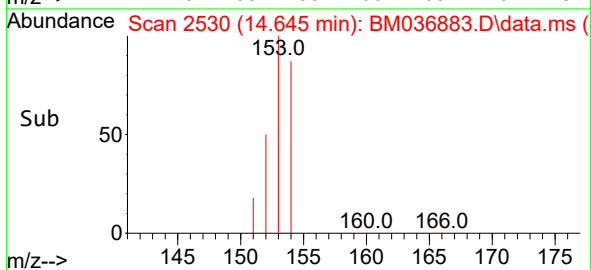
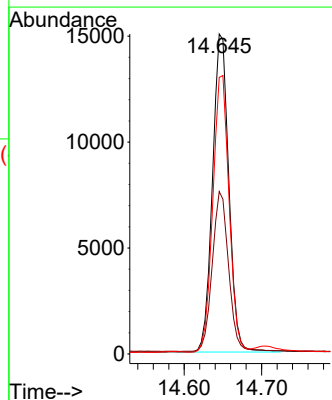
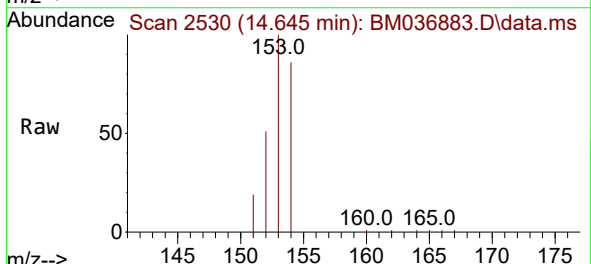
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BNA_M
ClientSampleId :
SSTD0.4135

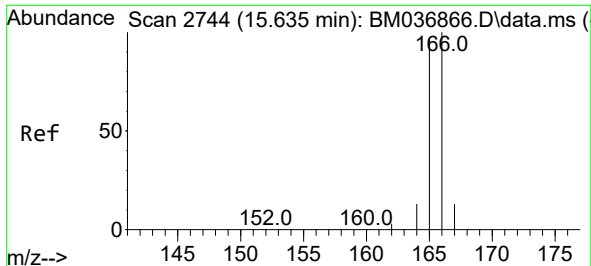
Tgt Ion:152 Resp: 26350
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:153 Resp: 21966
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 86.5 69.7 104.5

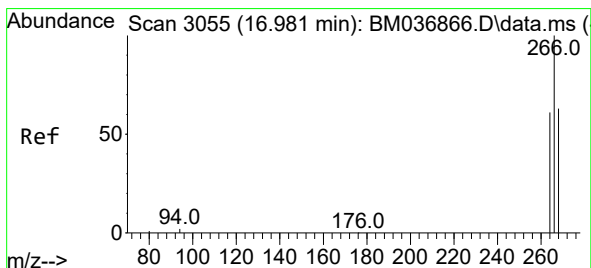
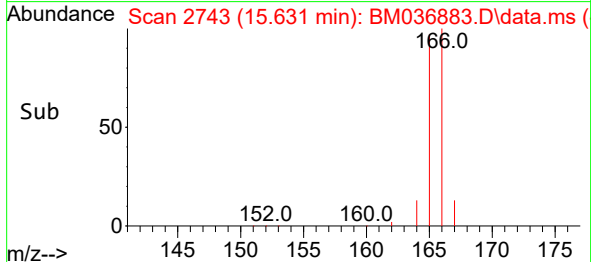
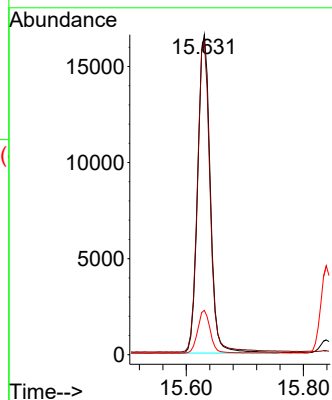
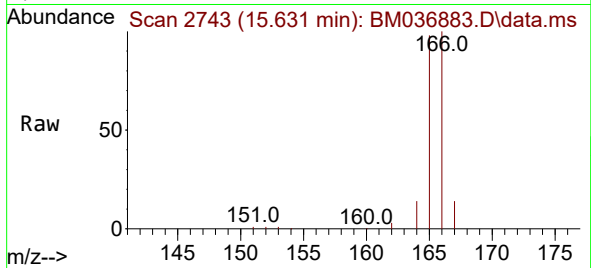




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.631 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

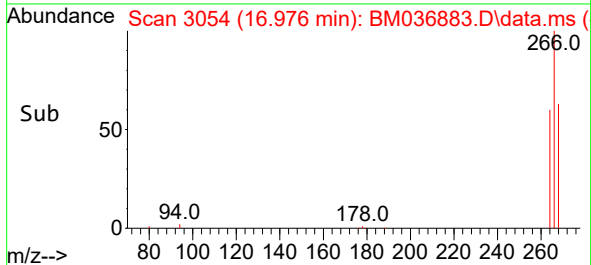
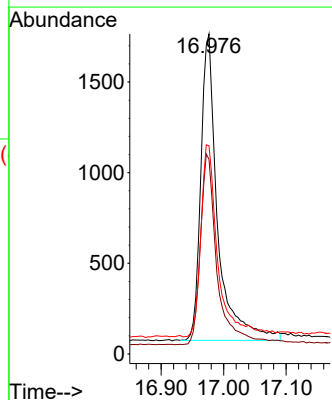
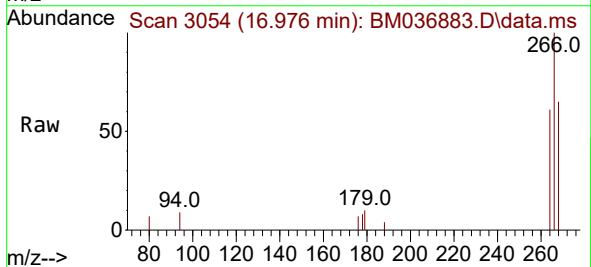
Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

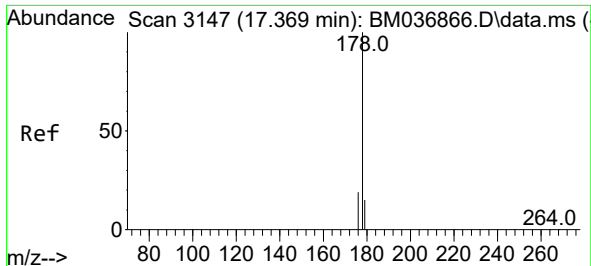
Tgt Ion:166 Resp: 24710
Ion Ratio Lower Upper
166 100
165 97.7 78.9 118.3
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.422 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:266 Resp: 3170
Ion Ratio Lower Upper
266 100
264 62.3 50.3 75.5
268 64.2 53.5 80.3

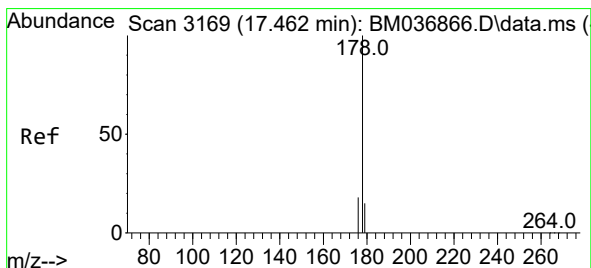
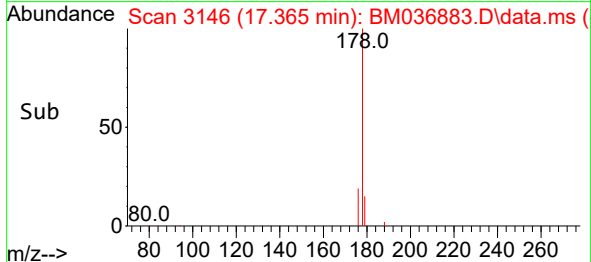
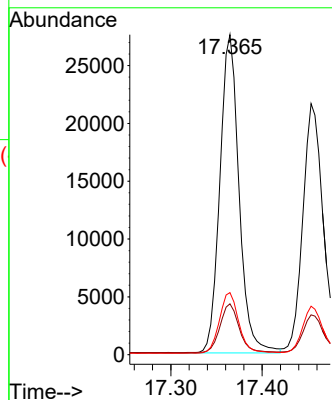
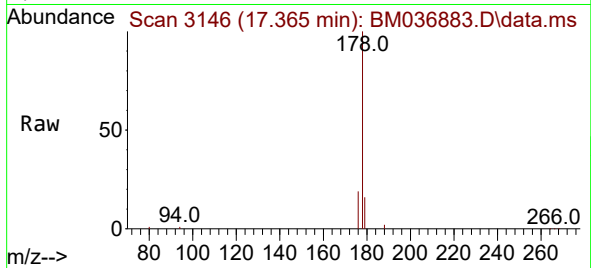




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

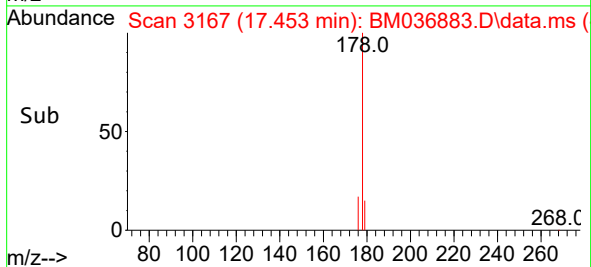
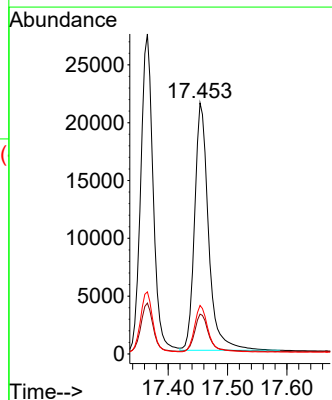
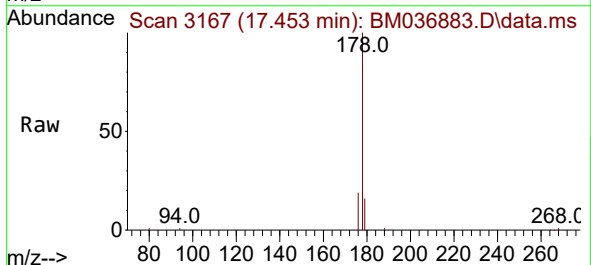
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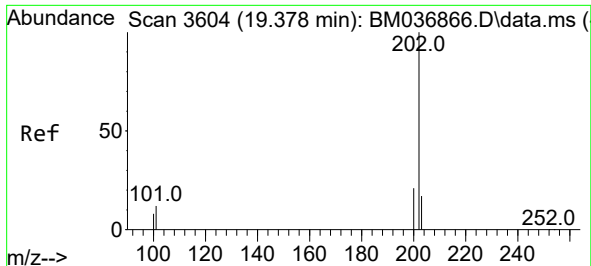
Tgt Ion:178 Resp: 39990
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:178 Resp: 34858
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 19.3 15.6 23.4

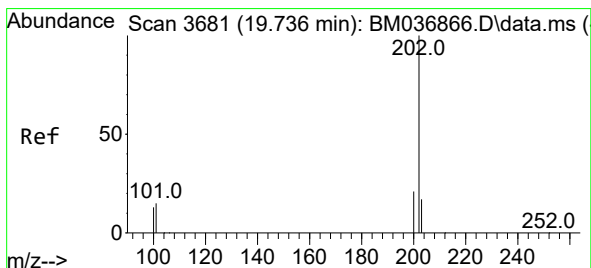
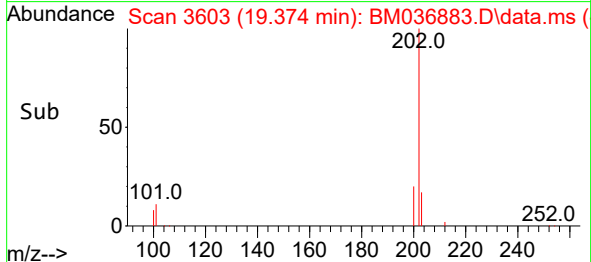
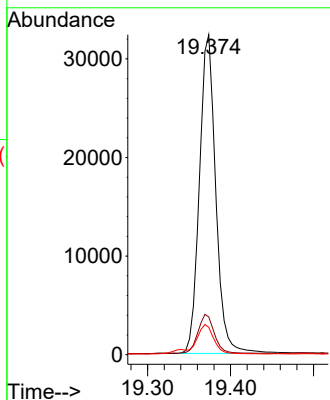
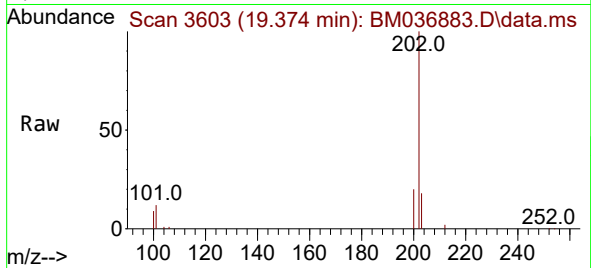




#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.374 min Scan# 3603
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

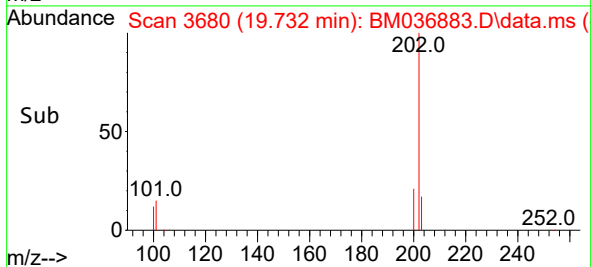
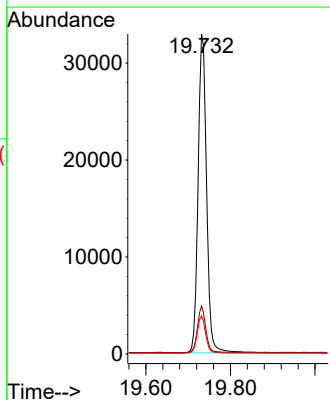
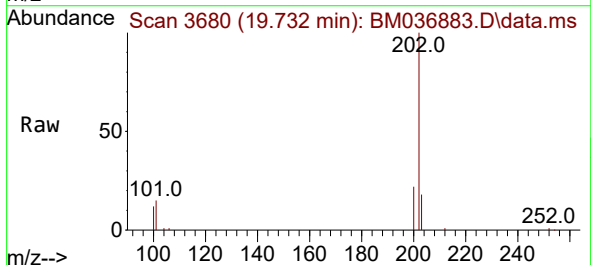
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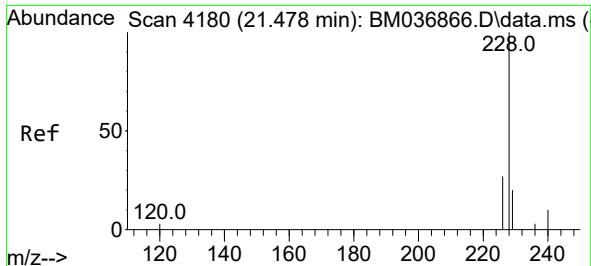
Tgt Ion:202 Resp: 44434
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.5 7.9 11.9



#20
Pyrene
Concen: 0.443 ng/ul
RT: 19.732 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:202 Resp: 45773
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 12.0 9.8 14.6

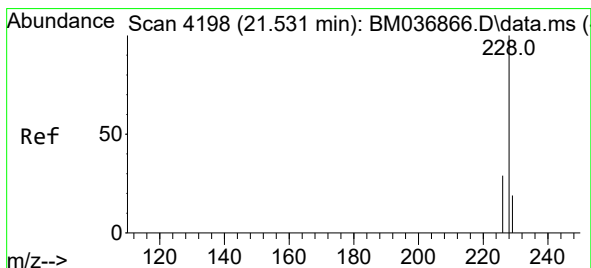
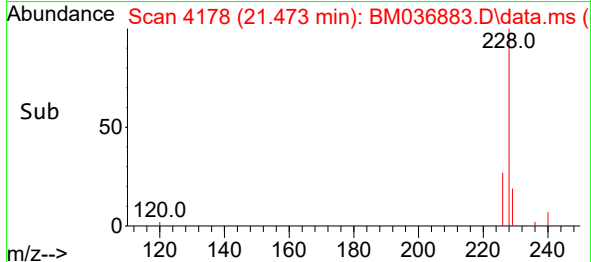
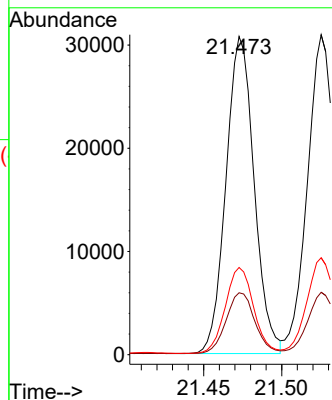
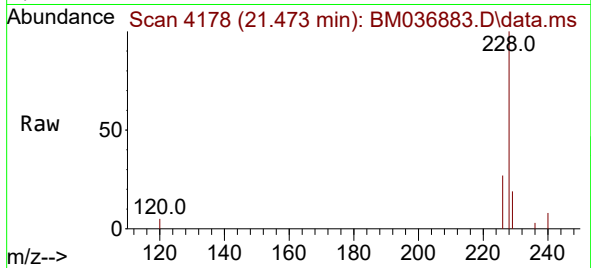




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.473 min Scan# 4180
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

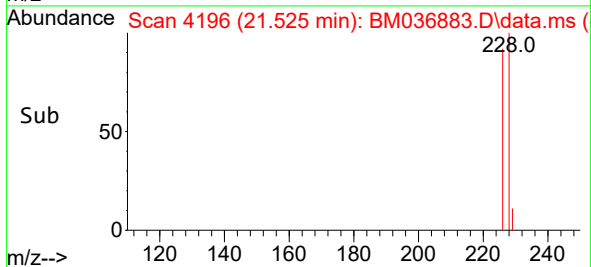
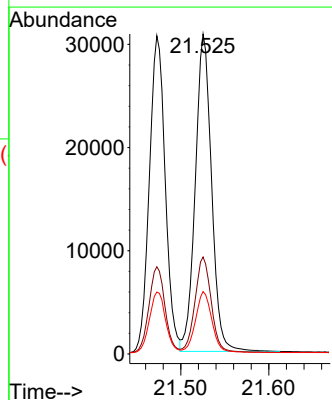
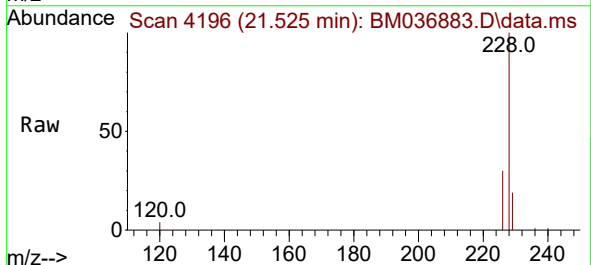
Instrument :
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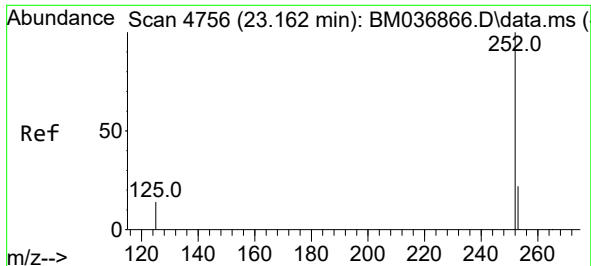
Tgt Ion:228 Resp: 38561
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:228 Resp: 39564
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.5 16.4 24.6

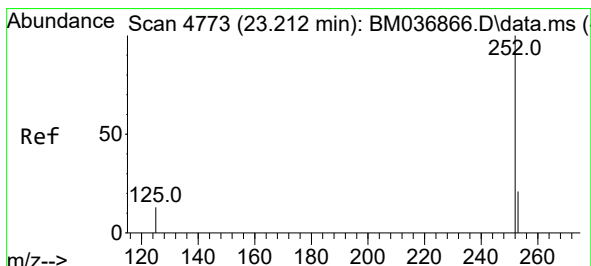
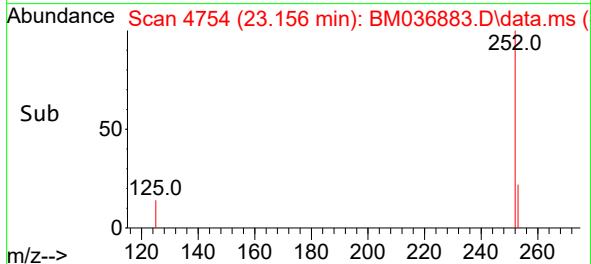
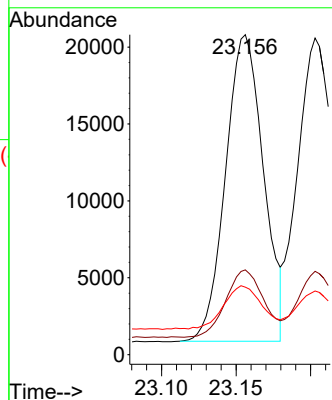
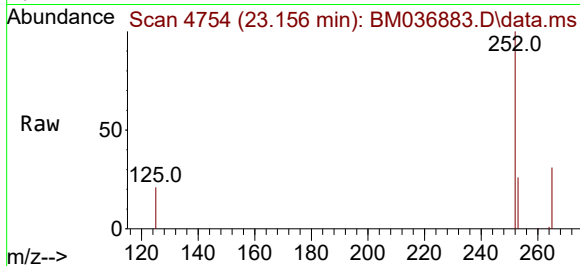




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.156 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

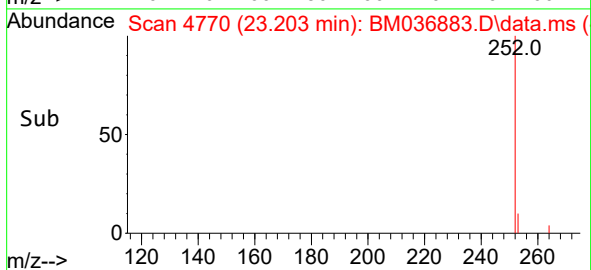
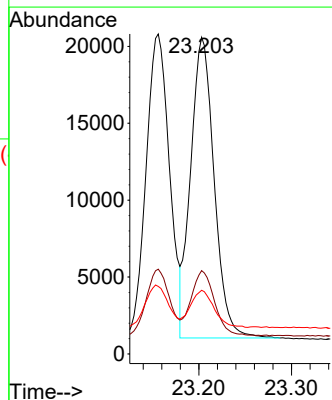
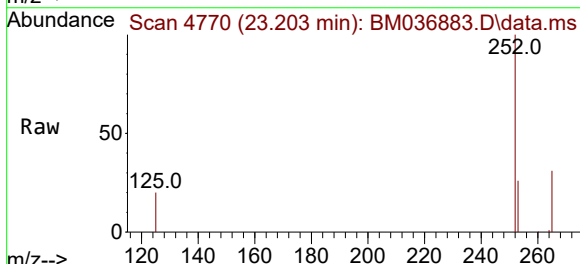
Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

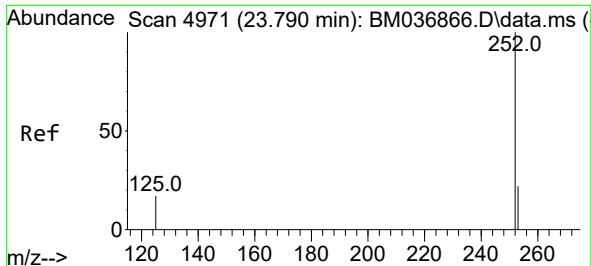
Tgt Ion:252 Resp: 35228
Ion Ratio Lower Upper
252 100
253 26.5 0.0 61.4
125 21.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.203 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:252 Resp: 34479
Ion Ratio Lower Upper
252 100
253 26.3 25.2 37.8
125 20.1 18.3 27.5

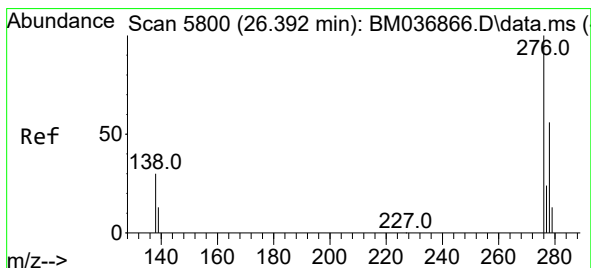
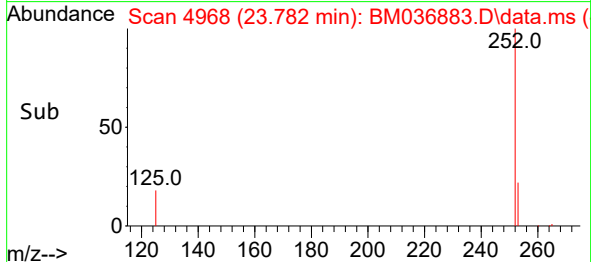
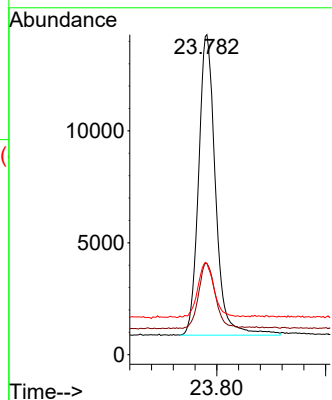
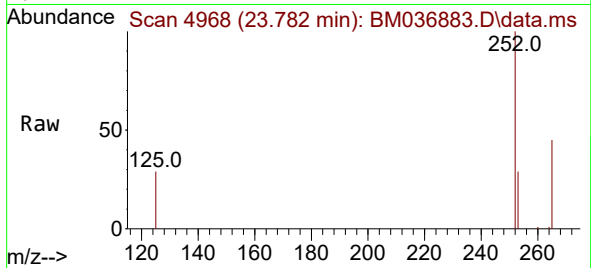




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.782 min Scan# 4971
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

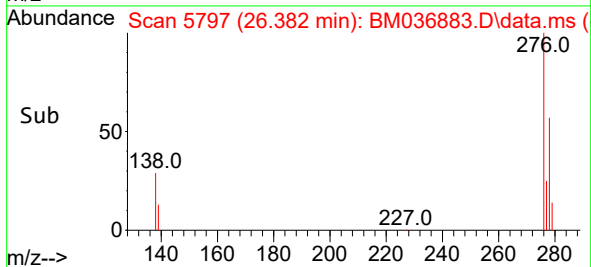
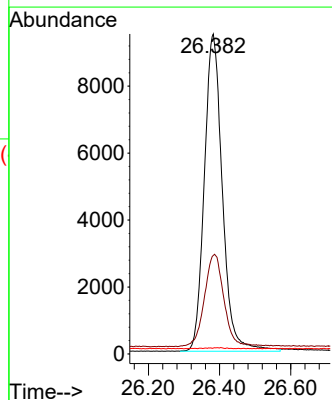
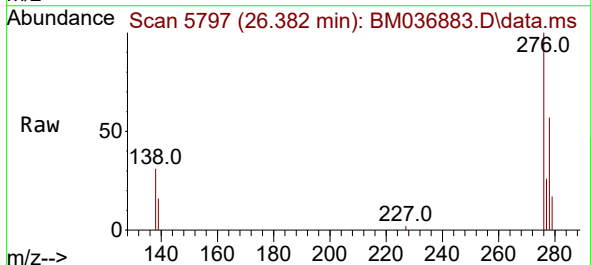
Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

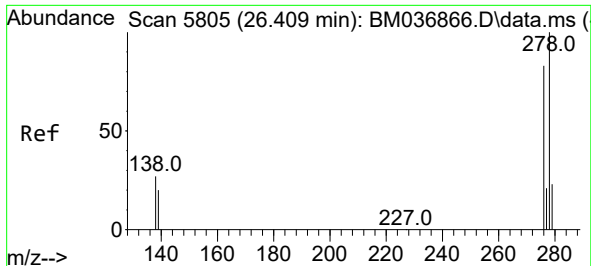
Tgt Ion:252 Resp: 29071
Ion Ratio Lower Upper
252 100
253 28.5 29.7 44.5#
125 28.5 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.382 min Scan# 5797
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:276 Resp: 33302
Ion Ratio Lower Upper
276 100
138 31.6 23.9 35.9
227 0.0 0.1 0.1#

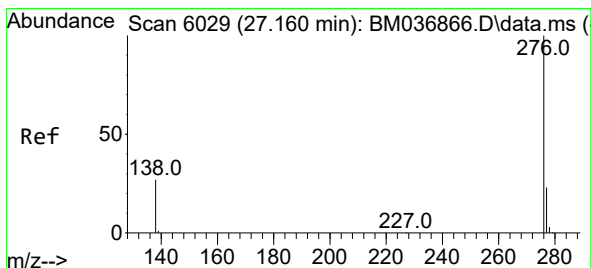
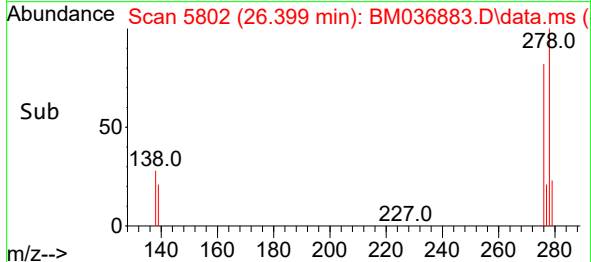
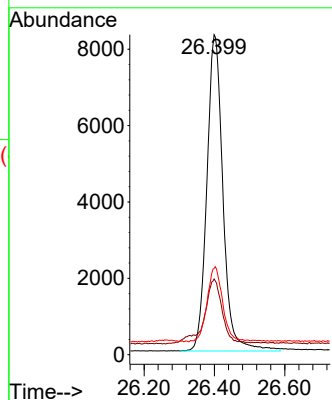
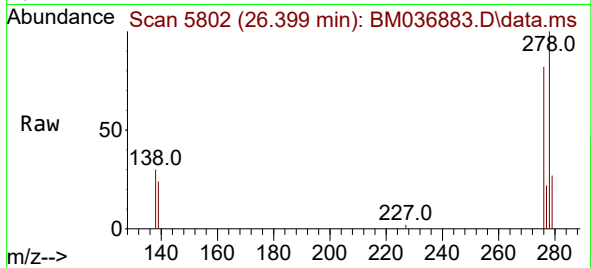




#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 26.399 min Scan# 5805
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4135

Tgt Ion:278 Resp: 26332
Ion Ratio Lower Upper
278 100
139 23.7 19.8 29.6
279 27.0 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 27.147 min Scan# 6025
Delta R.T. 0.000 min
Lab File: BM036883.D
Acq: 08 Oct 2022 07:22

Tgt Ion:276 Resp: 27673
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 25.3 21.0 31.4

