

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036898.D
 Acq On : 08 Oct 2022 16:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4136

Quant Time: Oct 10 01:26:25 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)

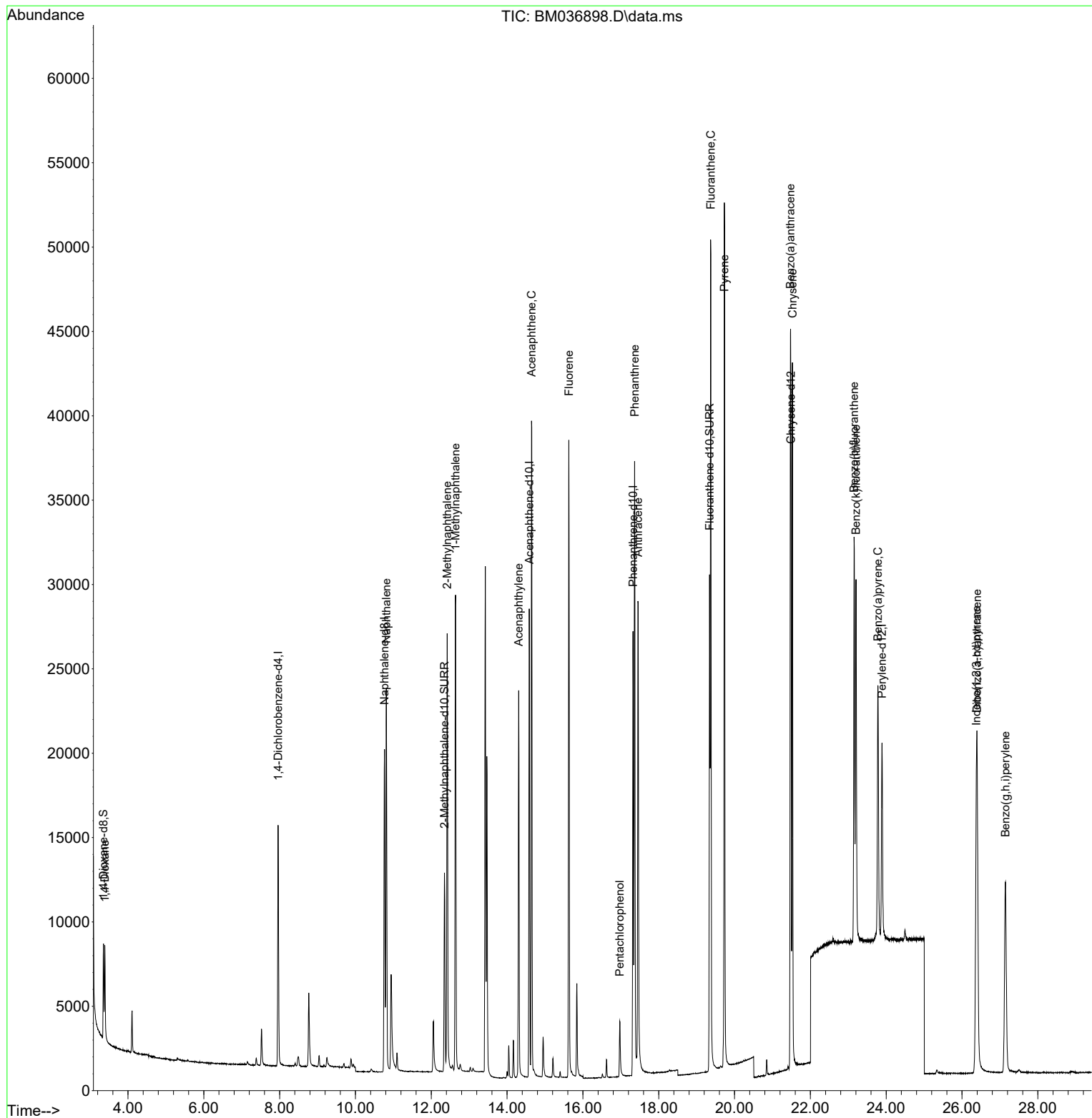
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7721	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26845	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	15271	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	31519	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	23341	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	16110	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3761	0.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	16472	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	32074	0.459	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	3670	0.345	ng/ul#	85
5) Naphthalene	10.814	128	30830	0.402	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	19475	0.415	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	19860	0.417	ng/ul	99
10) Acenaphthylene	14.307	152	26226	0.413	ng/ul	98
11) Acenaphthene	14.644	153	22182	0.403	ng/ul	99
12) Fluorene	15.630	166	24775	0.397	ng/ul	99
14) Pentachlorophenol	16.971	266	2748	0.360	ng/ul	97
15) Phenanthrene	17.364	178	40117	0.399	ng/ul	99
16) Anthracene	17.453	178	34370	0.409	ng/ul	99
19) Fluoranthene	19.373	202	42986	0.463	ng/ul	97
20) Pyrene	19.731	202	43961	0.454	ng/ul	99
21) Benzo(a)anthracene	21.474	228	34413	0.408	ng/ul	98
22) Chrysene	21.526	228	36109	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	30046	0.417	ng/ul	94
25) Benzo(k)fluoranthene	23.204	252	29302	0.418	ng/ul	92
26) Benzo(a)pyrene	23.780	252	24215	0.415	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.376	276	29748	0.360	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.400	278	23637	0.354	ng/ul#	90
29) Benzo(g,h,i)perylene	27.144	276	25295	0.347	ng/ul	97

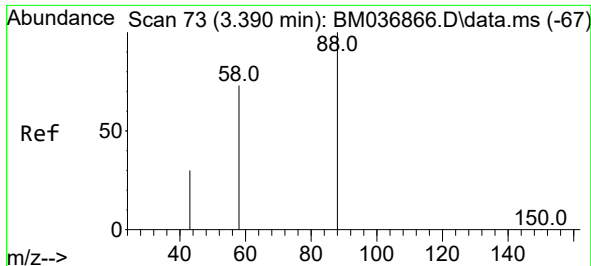
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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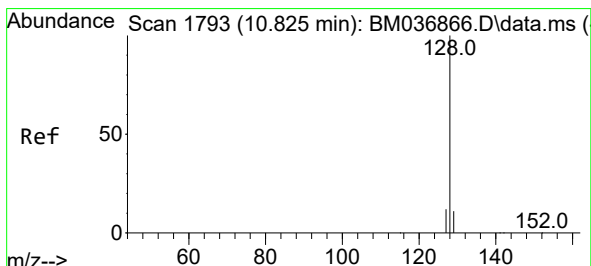
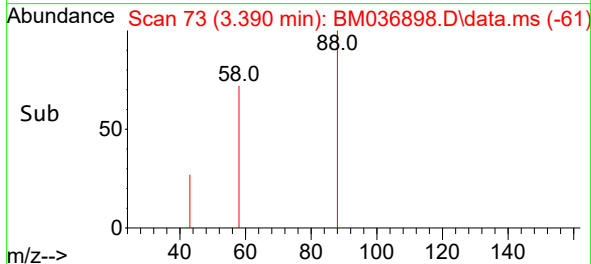
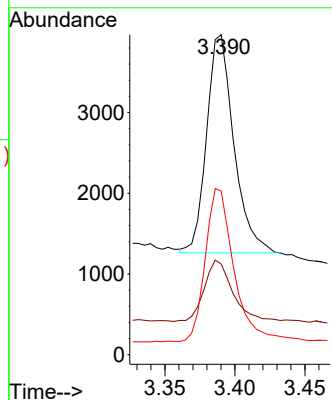
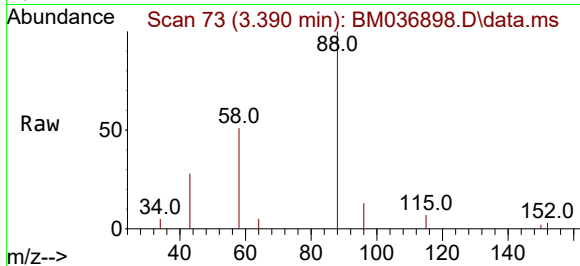




#2
1,4-Dioxane
Concen: 0.345 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

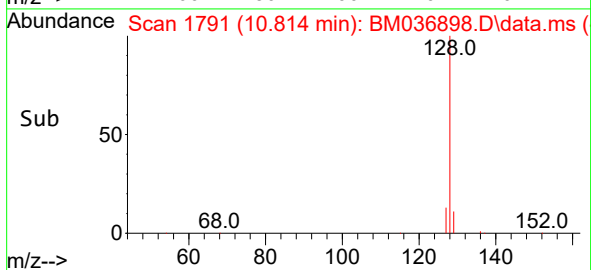
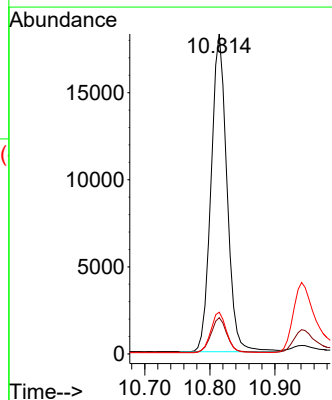
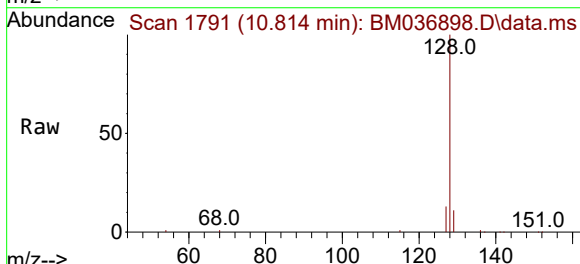
Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

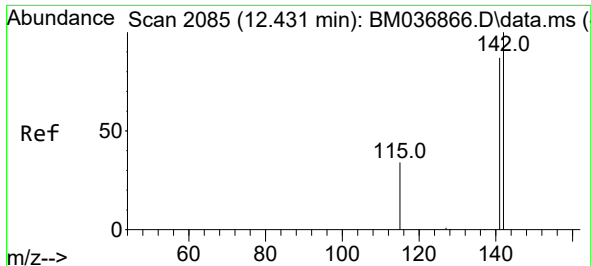
Tgt Ion: 88 Resp: 3670
Ion Ratio Lower Upper
88 100
43 28.3 37.8 56.6#
58 51.2 42.6 63.8



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion: 128 Resp: 30830
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.0 11.7 17.5

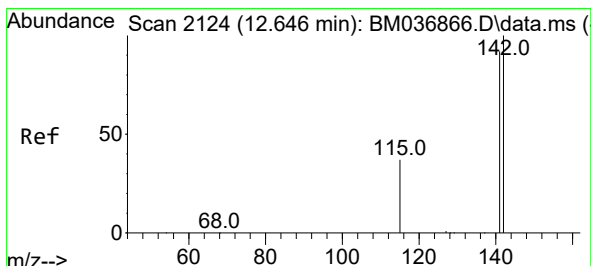
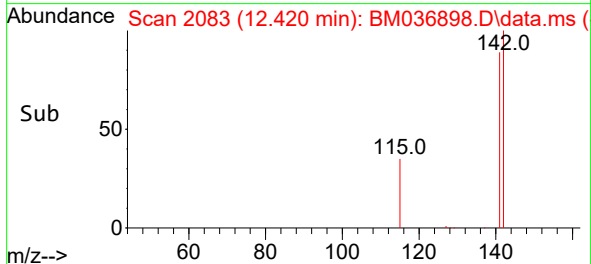
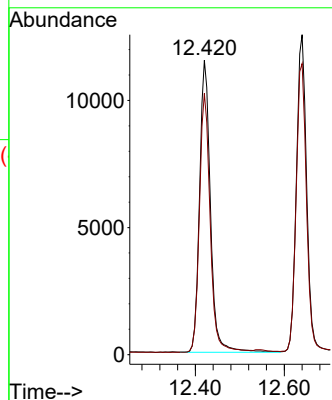
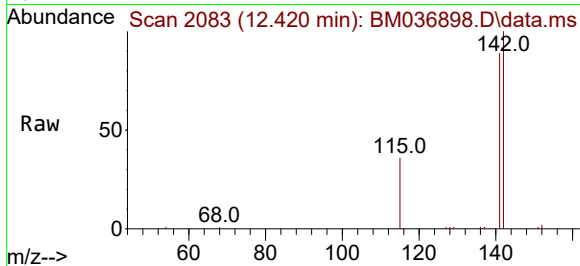




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

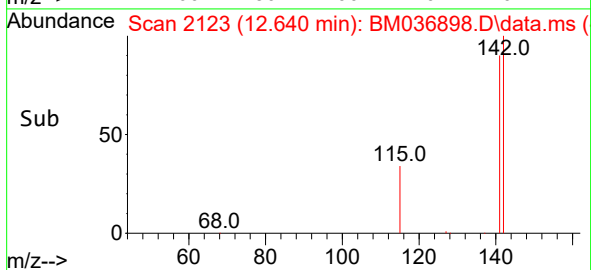
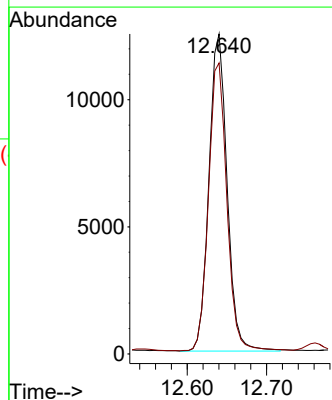
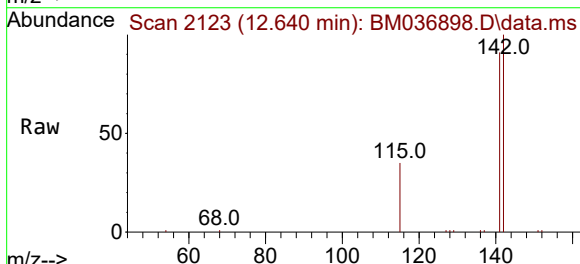
Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

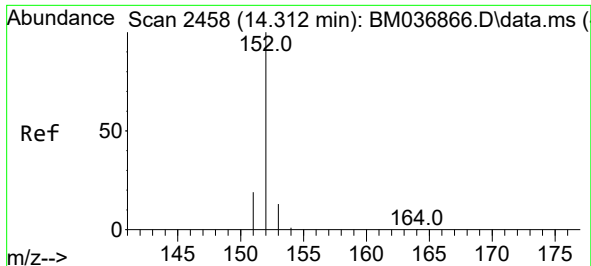
Tgt Ion:142 Resp: 19475
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:142 Resp: 19860
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

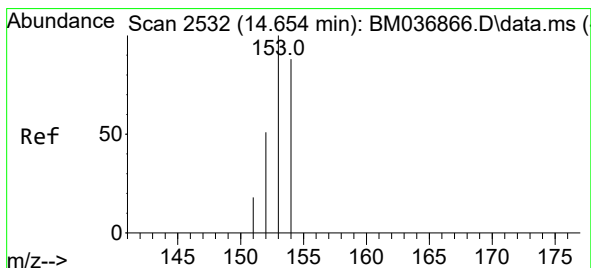
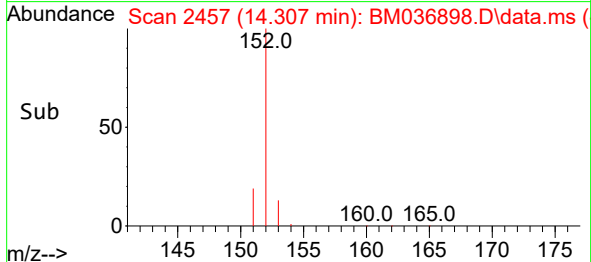
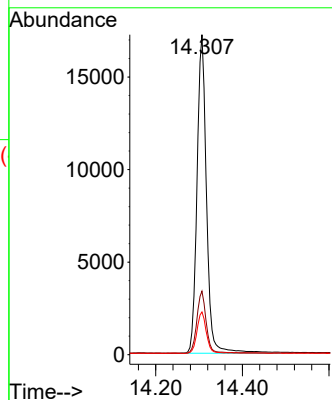
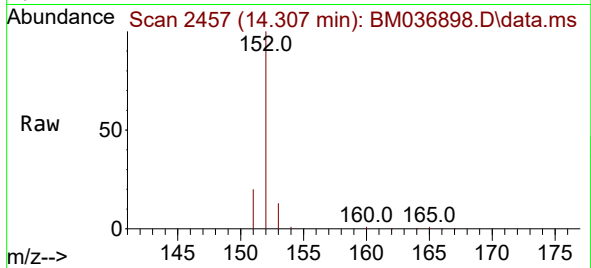




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.307 min Scan# 2457
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

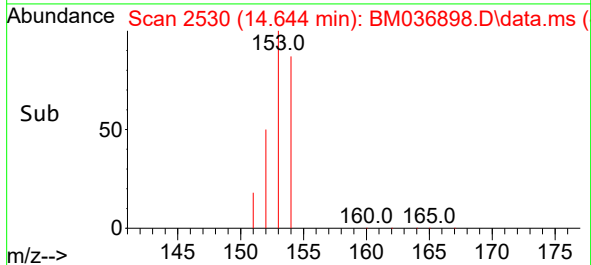
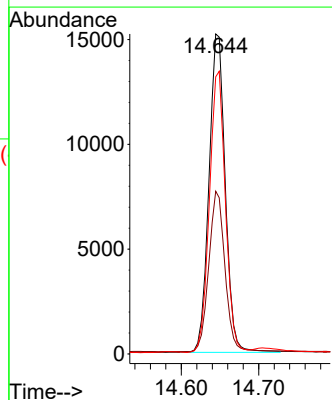
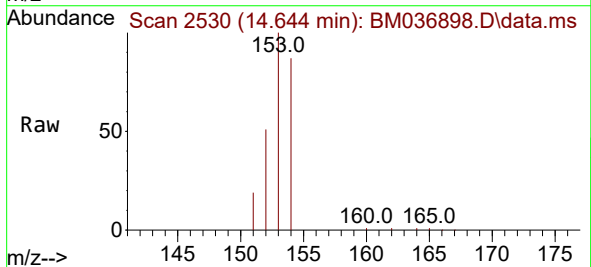
Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

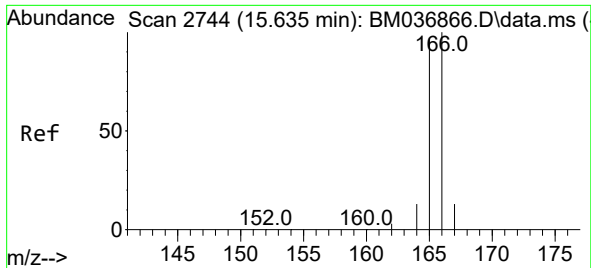
Tgt Ion:152 Resp: 26226
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.644 min Scan# 2530
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:153 Resp: 22182
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 86.6 69.7 104.5

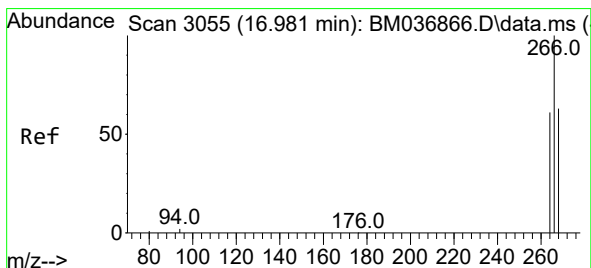
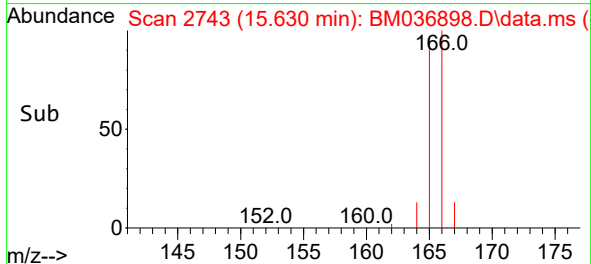
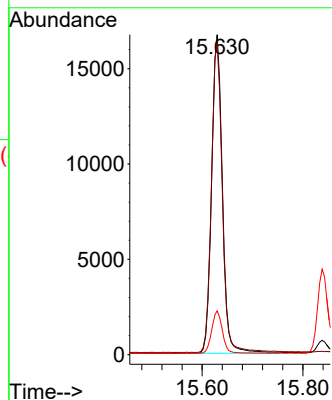
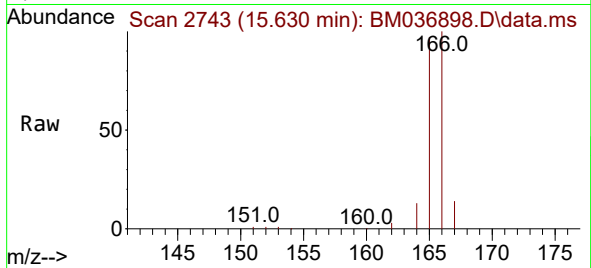




#12
 Fluorene
 Concen: 0.397 ng/ul
 RT: 15.630 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM036898.D
 Acq: 08 Oct 2022 16:18

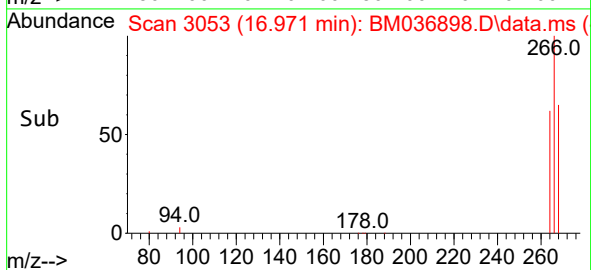
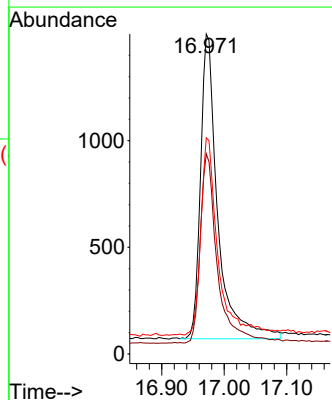
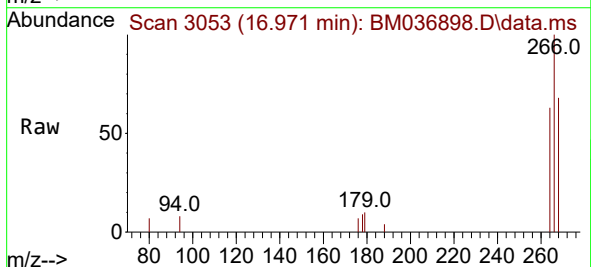
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4136

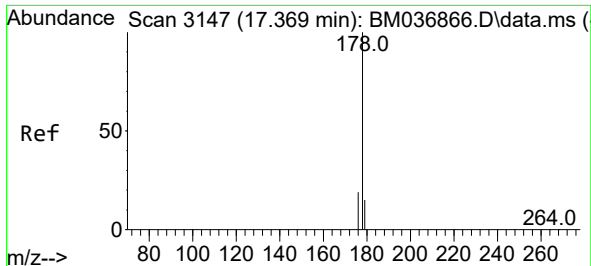
Tgt Ion:166	Resp:	24775
Ion Ratio	Lower	Upper
166	100	
165	97.2	78.9 118.3
167	13.7	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.360 ng/ul
 RT: 16.971 min Scan# 3053
 Delta R.T. -0.005 min
 Lab File: BM036898.D
 Acq: 08 Oct 2022 16:18

Tgt Ion:266	Resp:	2748
Ion Ratio	Lower	Upper
266	100	
264	61.2	50.3 75.5
268	64.1	53.5 80.3

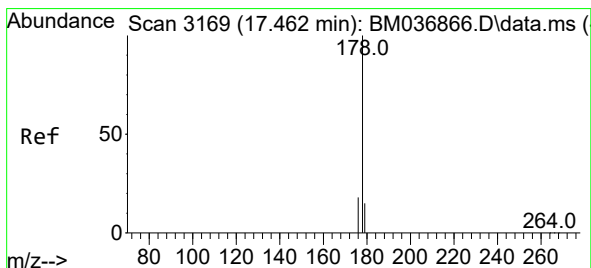
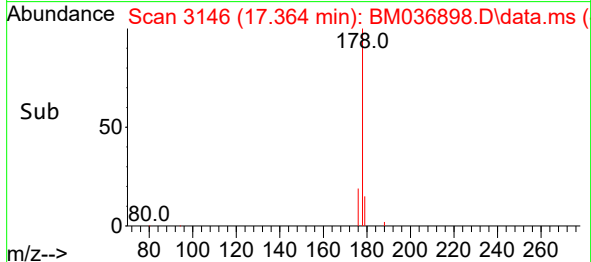
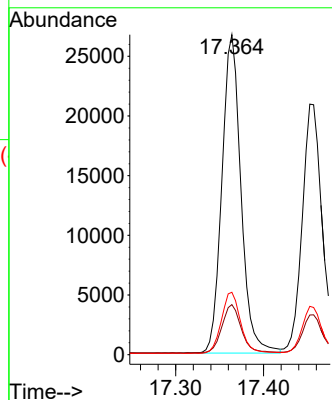
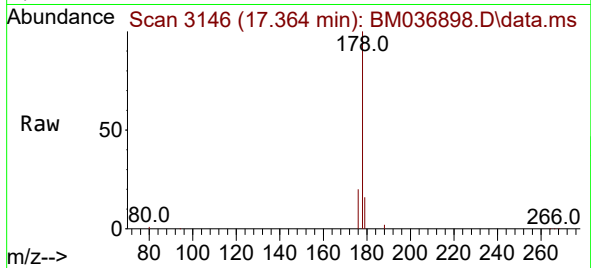




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

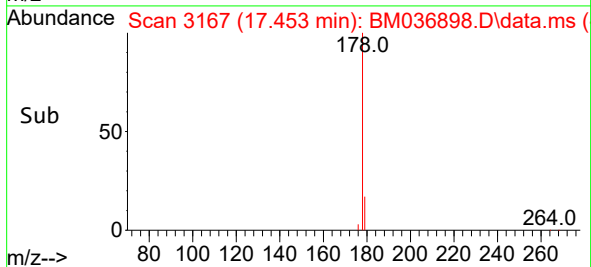
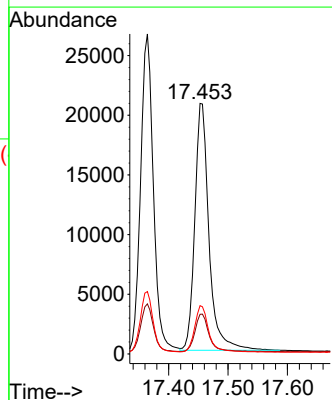
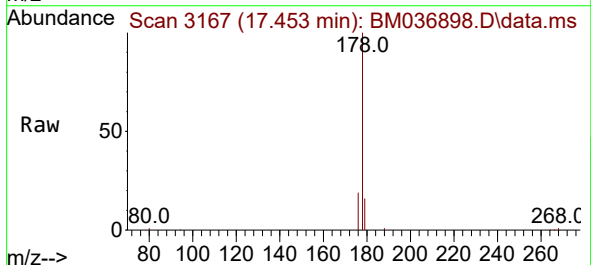
Instrument :
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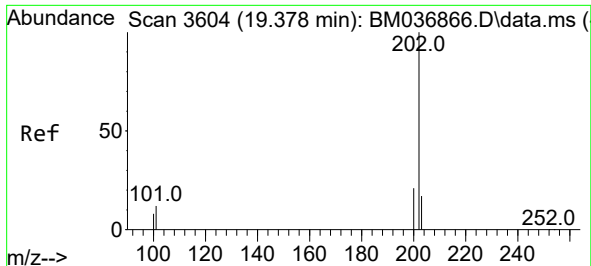
Tgt Ion:178 Resp: 40117
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:178 Resp: 34370
Ion Ratio Lower Upper
178 100
179 15.8 13.6 20.4
176 19.3 15.6 23.4

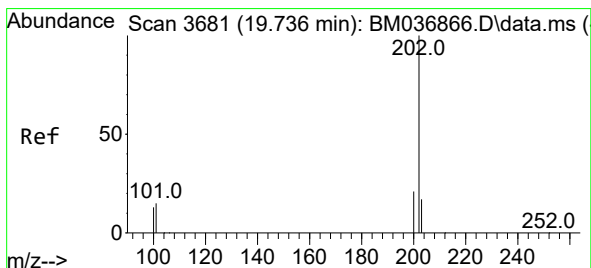
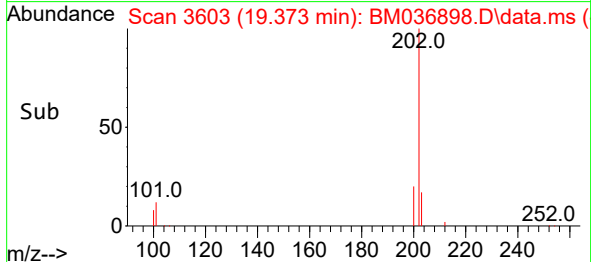
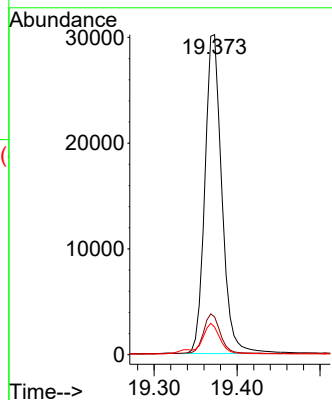
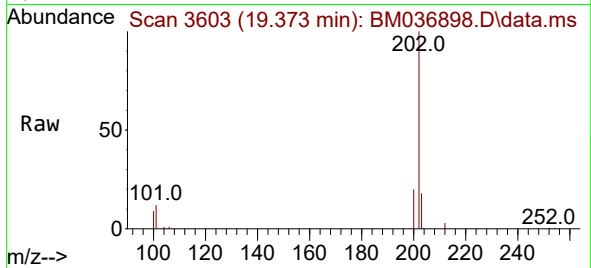




#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

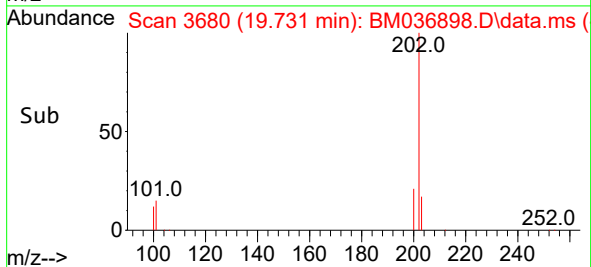
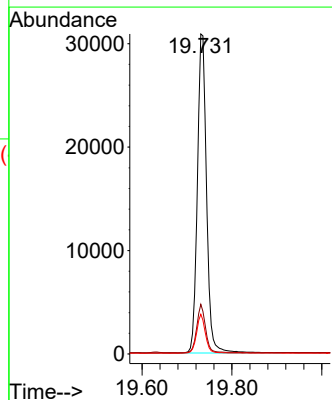
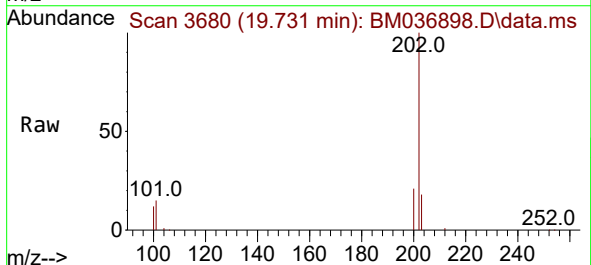
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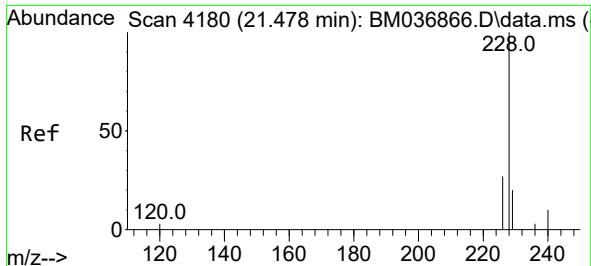
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Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.6 7.9 11.9



#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:202 Resp: 43961
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.4 9.8 14.6

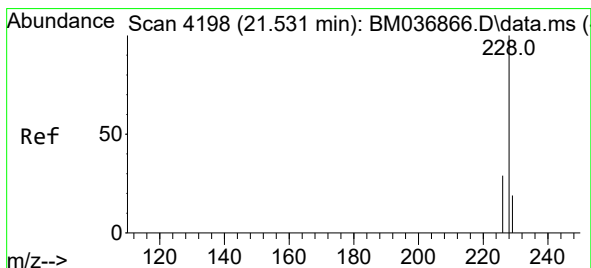
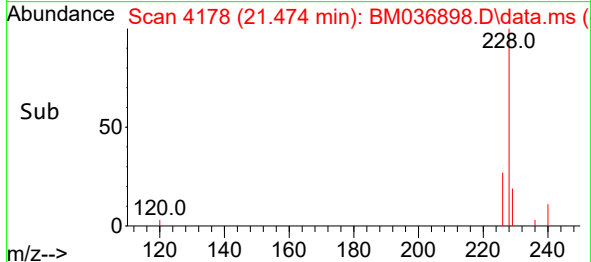
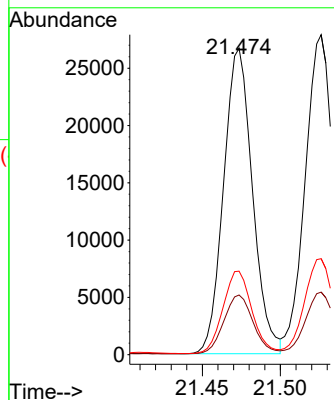
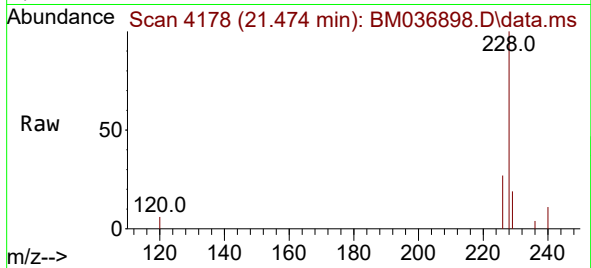




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.474 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

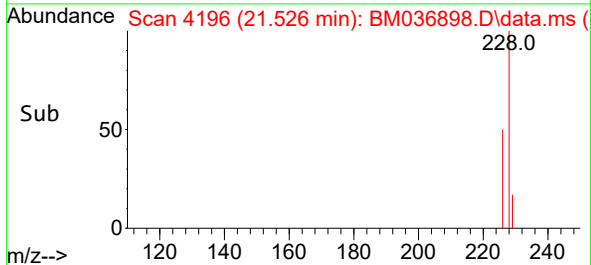
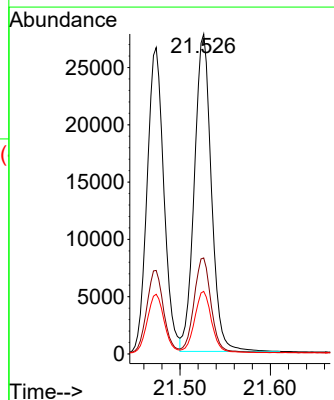
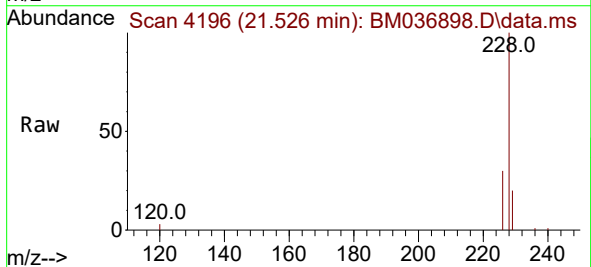
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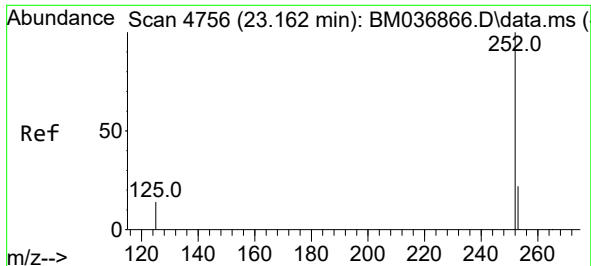
Tgt Ion:228 Resp: 34413
Ion Ratio Lower Upper
228 100
229 19.5 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:228 Resp: 36109
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 19.6 16.4 24.6

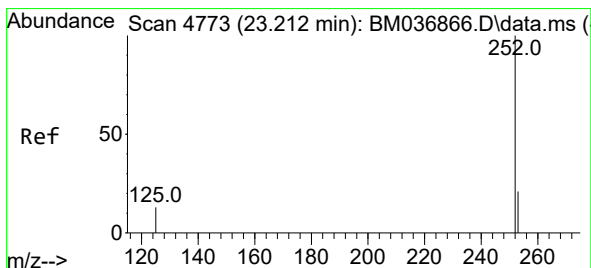
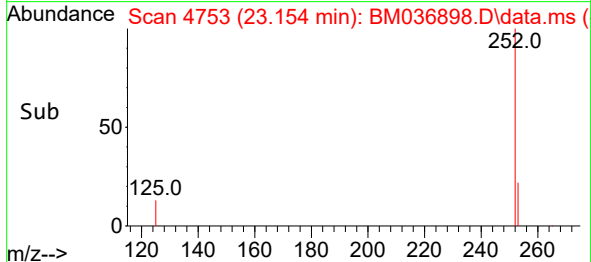
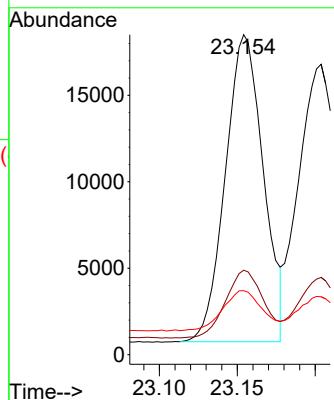
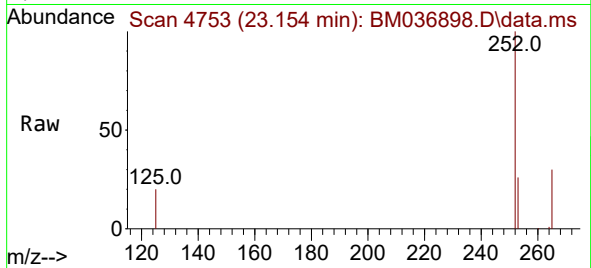




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 23.154 min Scan# 41
Delta R.T. -0.002 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

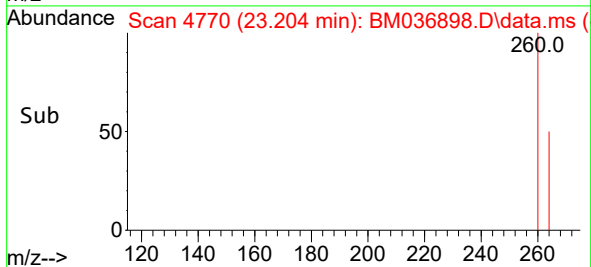
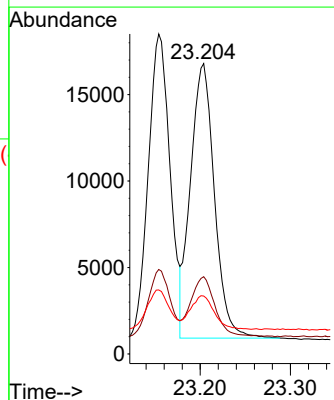
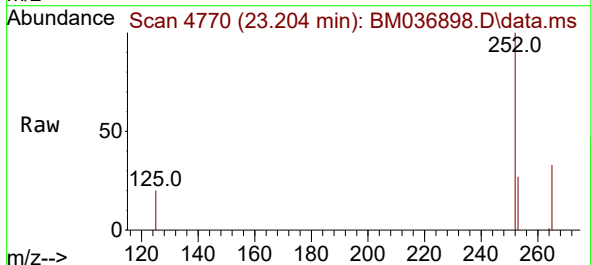
Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

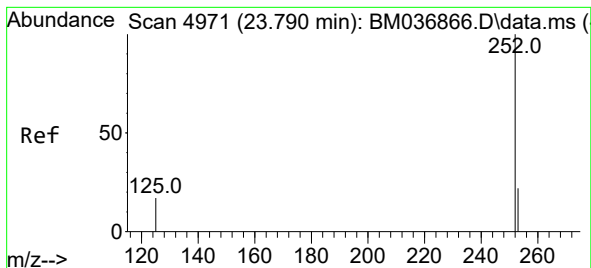
Tgt Ion:252 Resp: 30046
Ion Ratio Lower Upper
252 100
253 26.4 0.0 61.4
125 20.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.204 min Scan# 4770
Delta R.T. 0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:252 Resp: 29302
Ion Ratio Lower Upper
252 100
253 26.6 25.2 37.8
125 20.0 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.780 min Scan# 4971

Delta R.T. -0.002 min

Lab File: BM036898.D

Acq: 08 Oct 2022 16:18

Instrument :

BNA_M

ClientSampleId :

SSTD0.4136

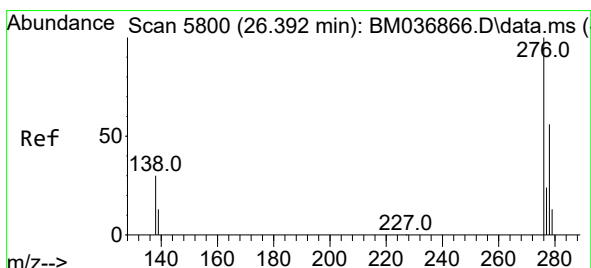
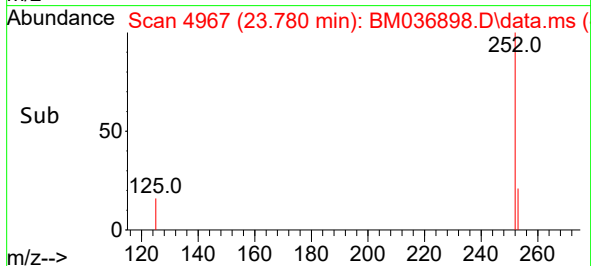
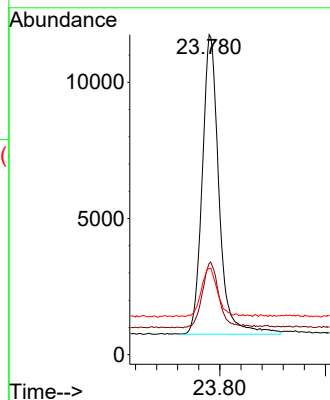
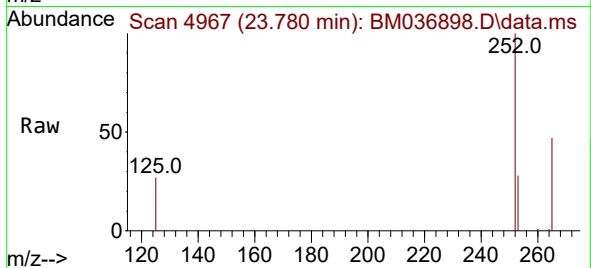
Tgt Ion:252 Resp: 24215

Ion Ratio Lower Upper

252 100

253 28.5 29.7 44.5#

125 26.9 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.376 min Scan# 5795

Delta R.T. -0.006 min

Lab File: BM036898.D

Acq: 08 Oct 2022 16:18

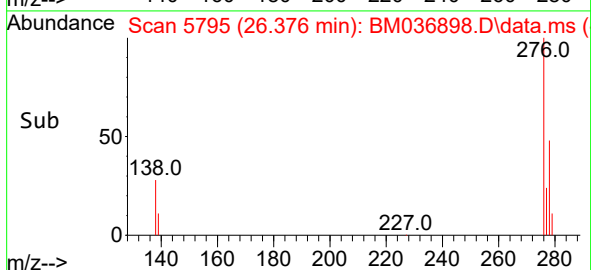
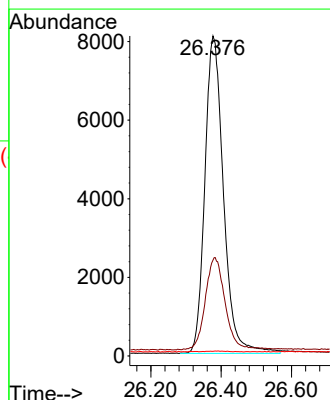
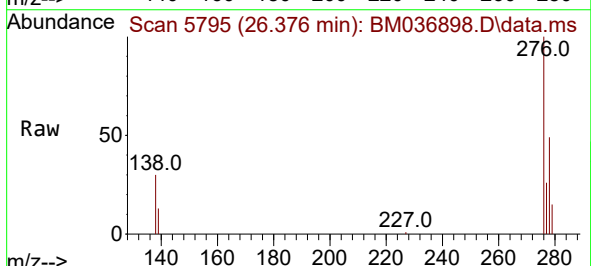
Tgt Ion:276 Resp: 29748

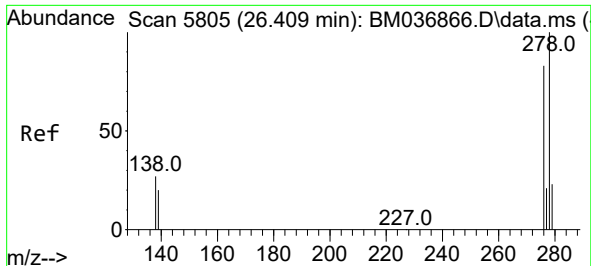
Ion Ratio Lower Upper

276 100

138 0.0 23.9 35.9#

227 0.1 0.1 0.1

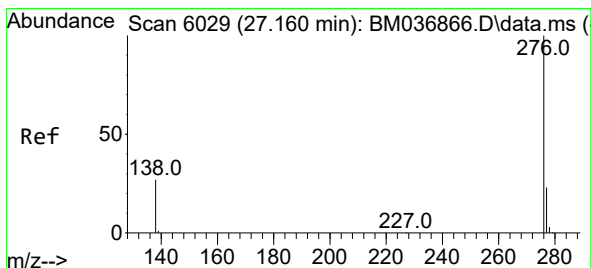
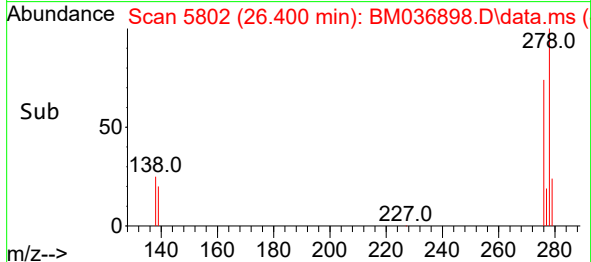
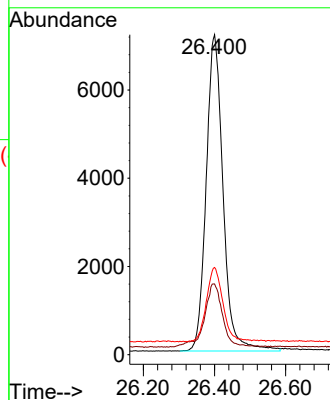
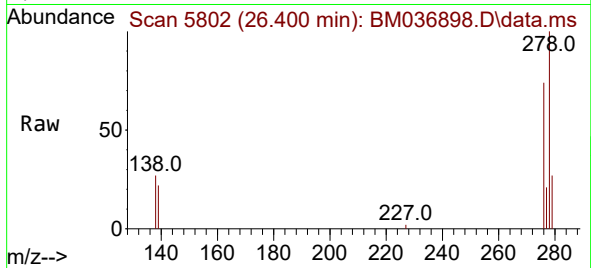




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.400 min Scan# 5805
Delta R.T. 0.001 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

Tgt Ion:278 Resp: 23637
Ion Ratio Lower Upper
278 100
139 22.1 19.8 29.6
279 27.3 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.144 min Scan# 6024
Delta R.T. -0.003 min
Lab File: BM036898.D
Acq: 08 Oct 2022 16:18

Tgt Ion:276 Resp: 25295
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.0
277 24.8 21.0 31.4

