

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
 Data File : BM037797.D
 Acq On : 30 Nov 2022 10:13
 Operator : CG/JU
 Sample : SST0.191
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

Quant Time: Nov 30 23:29:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 23:27:43 2022
 Response via : Initial Calibration

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

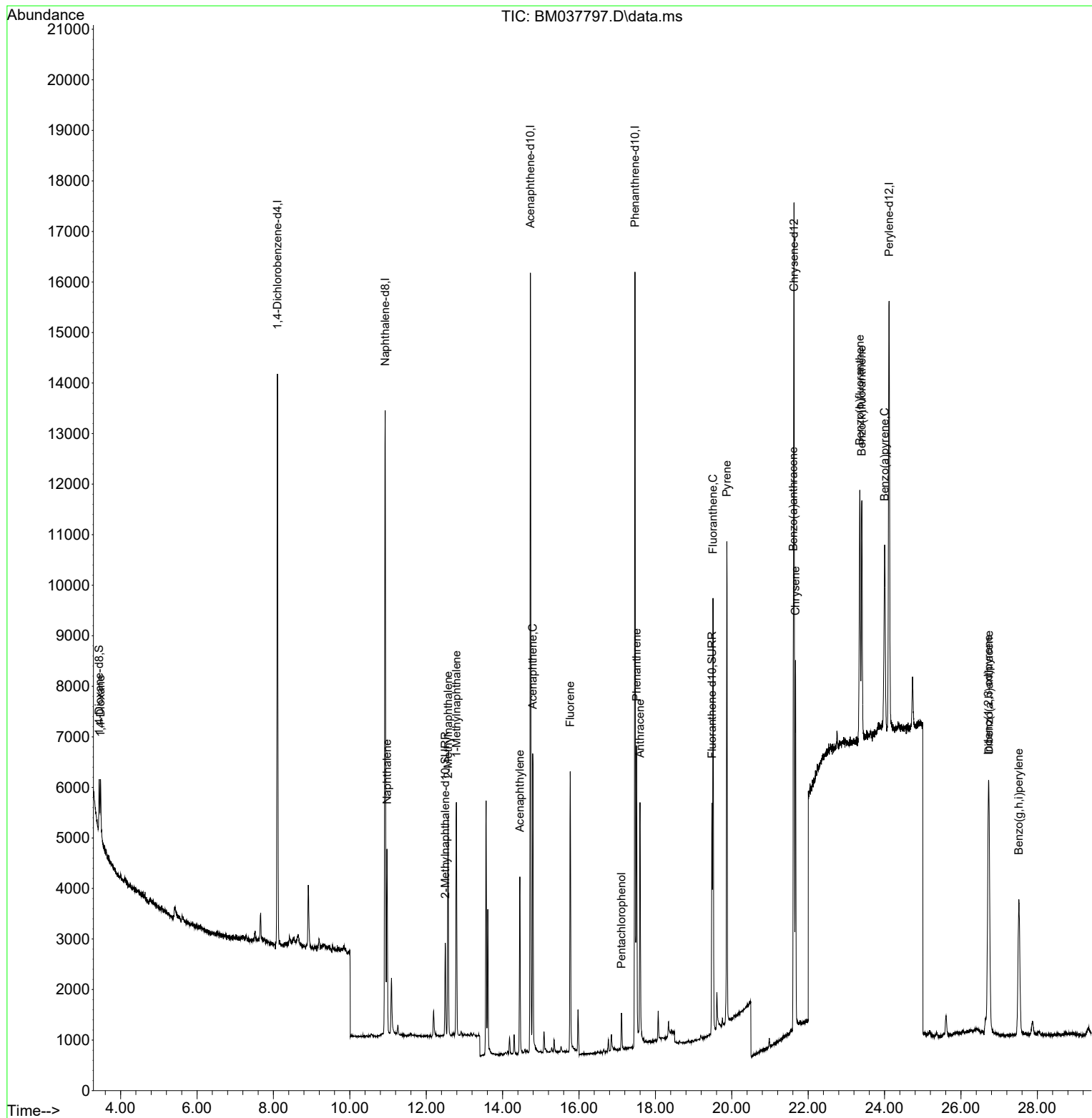
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	5499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.925	136	16034	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.728	164	8225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.466	188	17219	0.400	ng/ul #	0.00
17) Chrysene-d12	21.630	240	12357	0.400	ng/ul #	0.00
23) Perylene-d12	24.118	264	11975	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	825	0.113	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.498	152	2251	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.480	212	4206	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	1027	0.134	ng/ul#	72
5) Naphthalene	10.975	128	5279	0.105	ng/ul	99
7) 2-Methylnaphthalene	12.575	142	2981	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.789	142	3039	0.097	ng/ul	100
10) Acenaphthylene	14.451	152	4073	0.099	ng/ul	94
11) Acenaphthene	14.789	153	3393	0.099	ng/ul	97
12) Fluorene	15.769	166	3775	0.100	ng/ul	97
14) Pentachlorophenol	17.111	266	541	0.096	ng/ul	97
15) Phenanthrene	17.508	178	6265	0.100	ng/ul	94
16) Anthracene	17.597	178	5352	0.096	ng/ul	93
19) Fluoranthene	19.508	202	6864	0.100	ng/ul#	80
20) Pyrene	19.871	202	7320	0.102	ng/ul#	82
21) Benzo(a)anthracene	21.613	228	6129	0.102	ng/ul	97
22) Chrysene	21.668	228	6199	0.103	ng/ul	97
24) Benzo(b)fluoranthene	23.352	252	6322	0.101	ng/ul#	45
25) Benzo(k)fluoranthene	23.404	252	6065	0.100	ng/ul#	48
26) Benzo(a)pyrene	24.004	252	5399	0.101	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	26.714	276	6947	0.099	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.734	278	5444	0.099	ng/ul#	66
29) Benzo(g,h,i)perylene	27.516	276	5752	0.098	ng/ul#	75

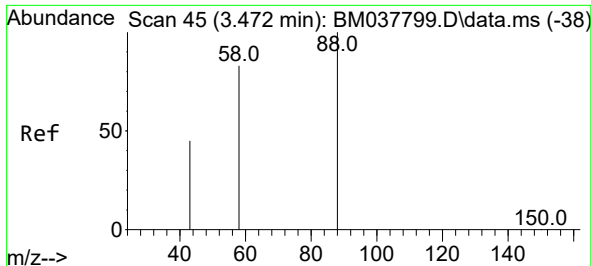
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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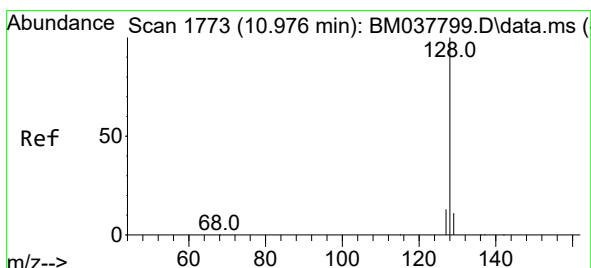
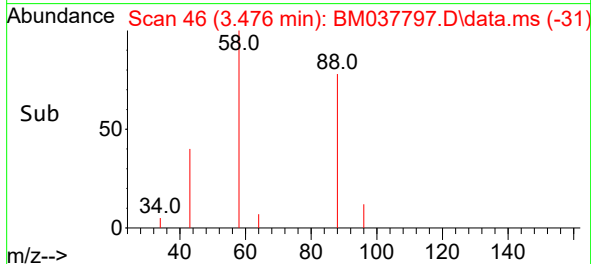
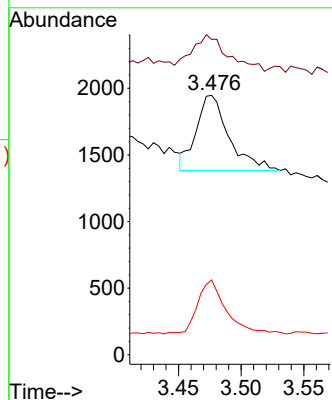
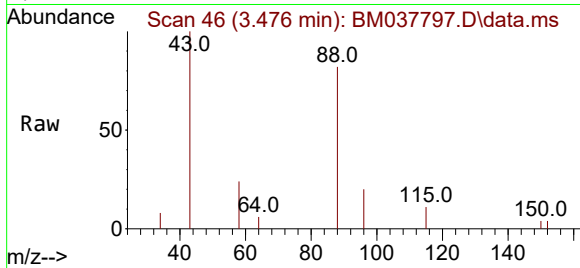




#2
1,4-Dioxane
Concen: 0.134 ng/ul
RT: 3.476 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

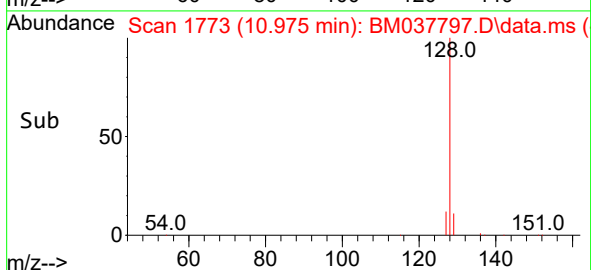
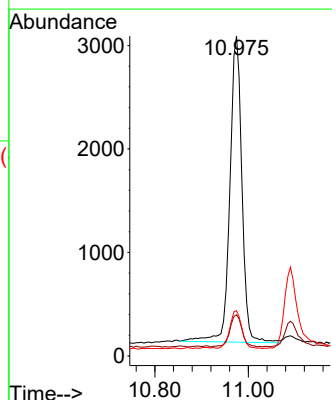
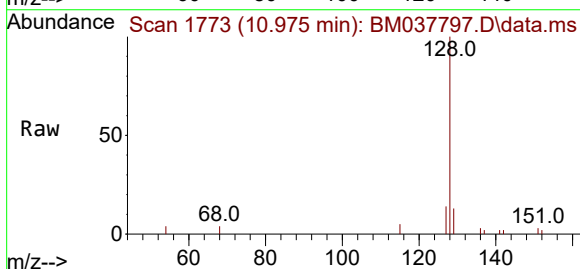
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

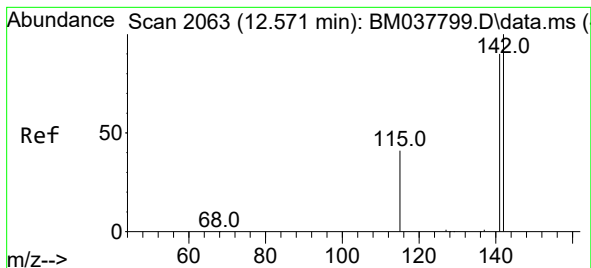
Tgt Ion: 88 Resp: 1027
Ion Ratio Lower Upper
88 100
43 121.6 102.8 154.2
58 28.8 67.3 100.9#



#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.975 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion: 128 Resp: 5279
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 14.2 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.098 ng/ul

RT: 12.575 min Scan# 2063

Delta R.T. 0.004 min

Lab File: BM037797.D

Acq: 30 Nov 2022 10:13

Instrument :

BNA_M

ClientSampleId :

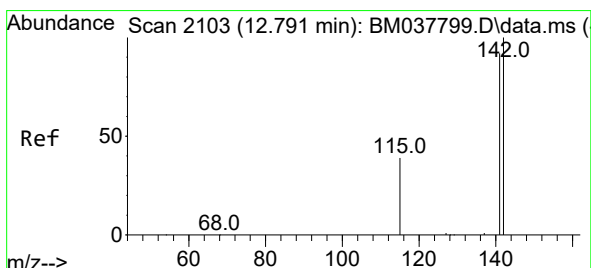
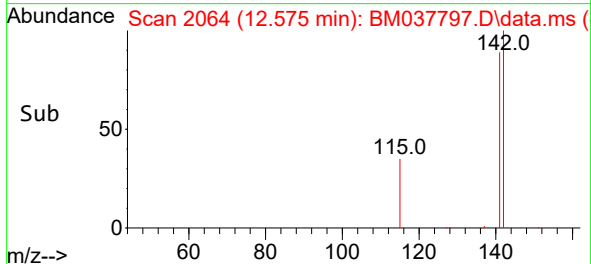
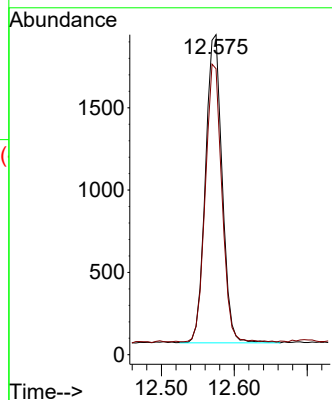
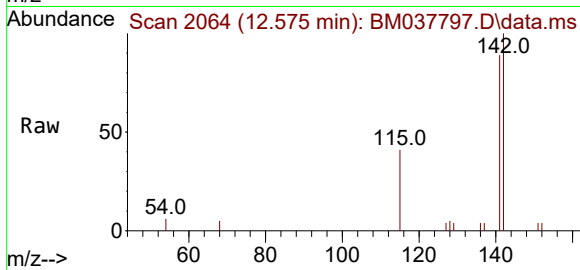
SSTD0.1001

Tgt Ion:142 Resp: 2981

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.4



#8

1-Methylnaphthalene

Concen: 0.097 ng/ul

RT: 12.789 min Scan# 2103

Delta R.T. -0.001 min

Lab File: BM037797.D

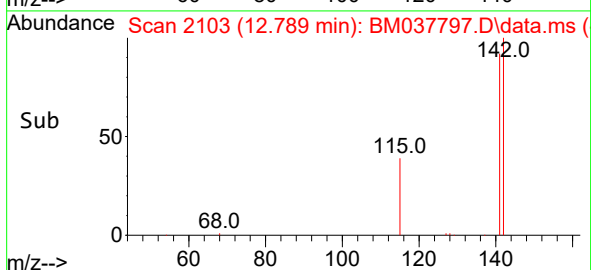
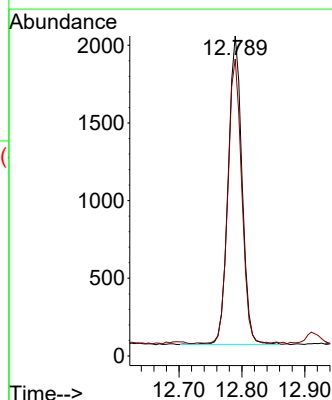
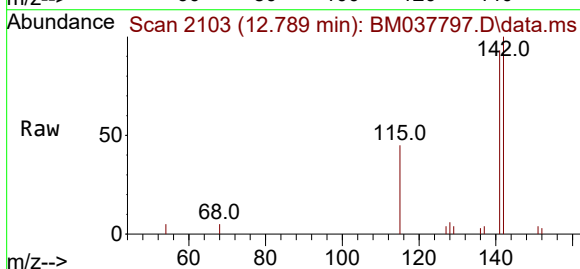
Acq: 30 Nov 2022 10:13

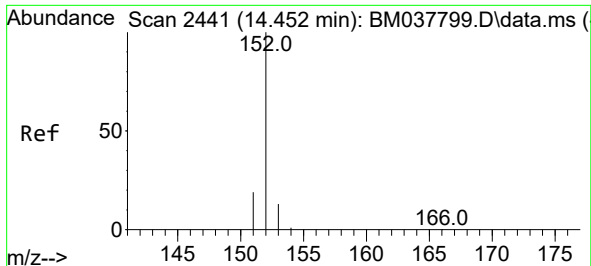
Tgt Ion:142 Resp: 3039

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

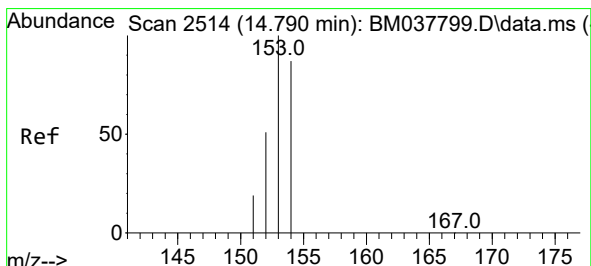
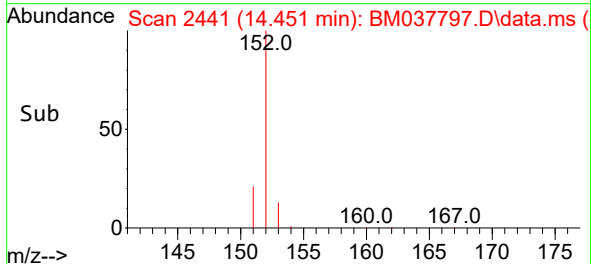
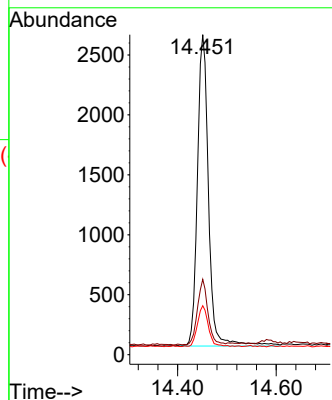
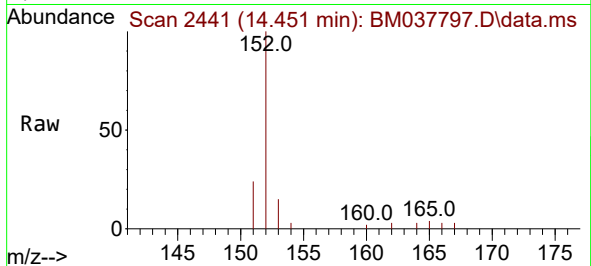




#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.451 min Scan# 2441
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

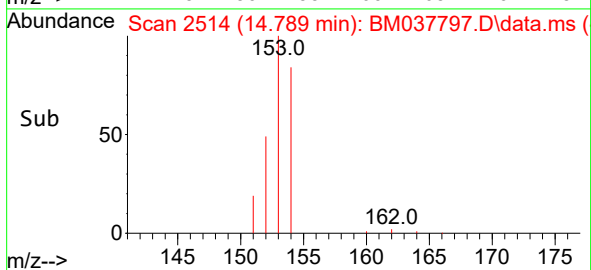
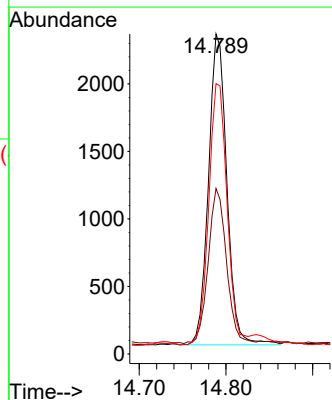
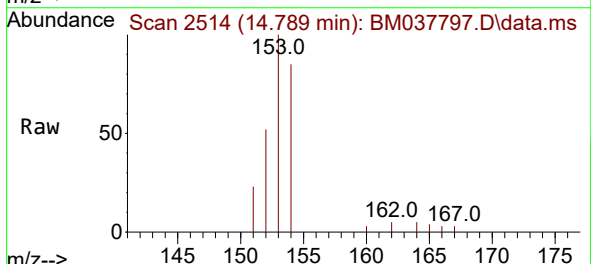
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

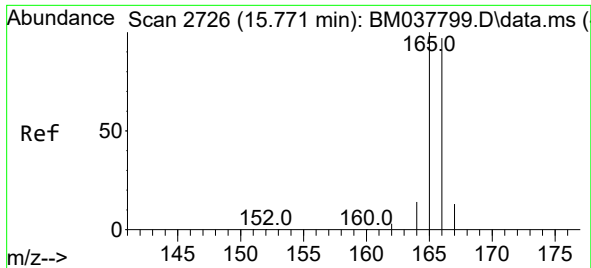
Tgt Ion:152 Resp: 4073
Ion Ratio Lower Upper
152 100
151 23.5 15.9 23.9
153 15.3 11.0 16.4



#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.789 min Scan# 2514
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:153 Resp: 3393
Ion Ratio Lower Upper
153 100
152 51.7 39.4 59.0
154 84.5 69.5 104.3

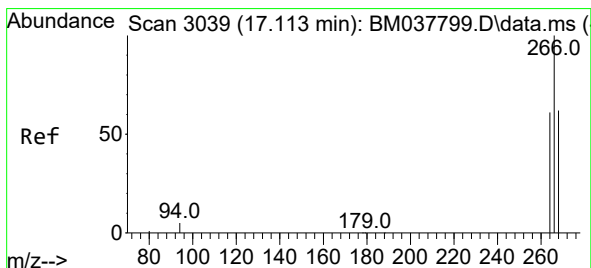
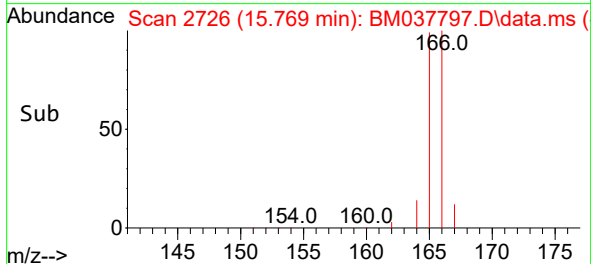
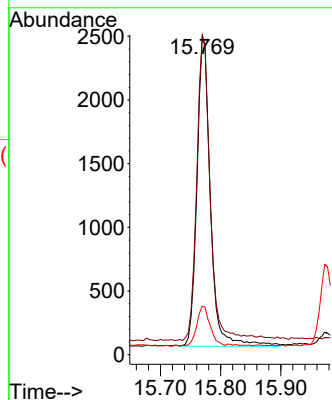
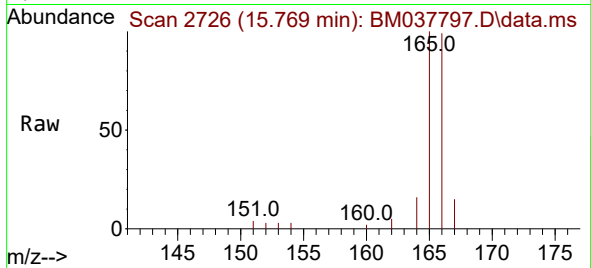




#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.769 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

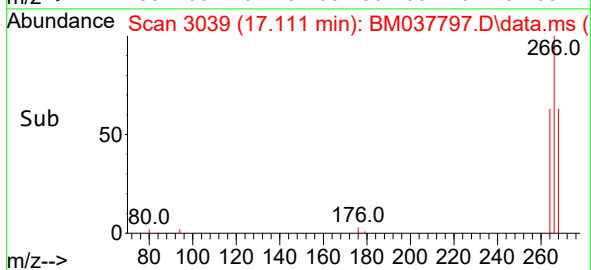
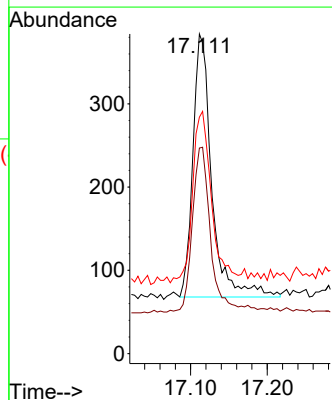
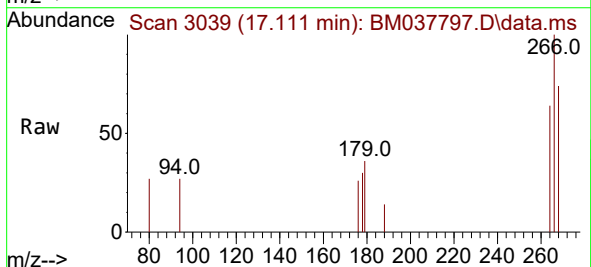
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

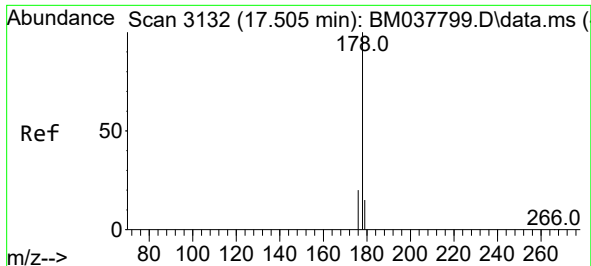
Tgt Ion:166 Resp: 3775
Ion Ratio Lower Upper
166 100
165 101.0 78.7 118.1
167 15.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.096 ng/ul
RT: 17.111 min Scan# 3039
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:266 Resp: 541
Ion Ratio Lower Upper
266 100
264 61.7 50.2 75.2
268 69.1 52.0 78.0

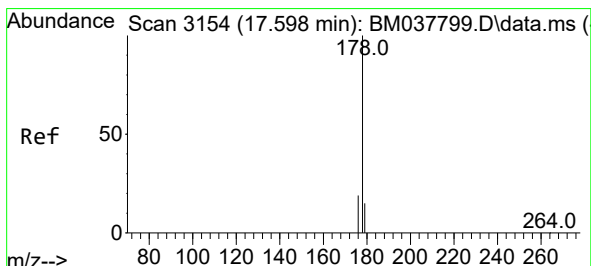
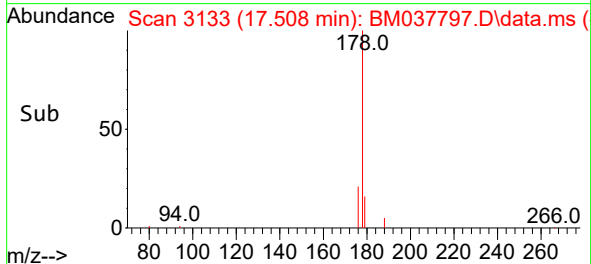
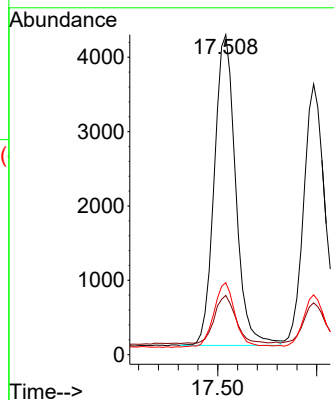
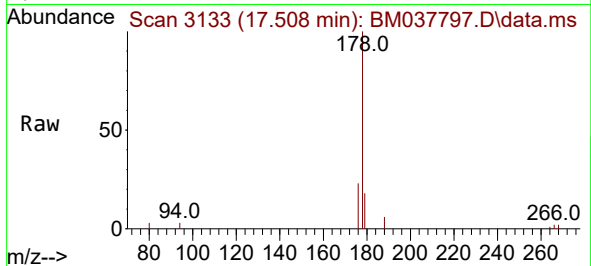




#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.508 min Scan# 3133
Delta R.T. 0.003 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

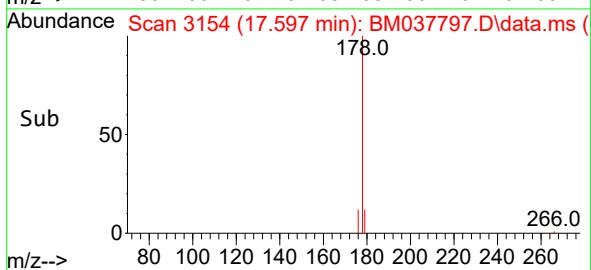
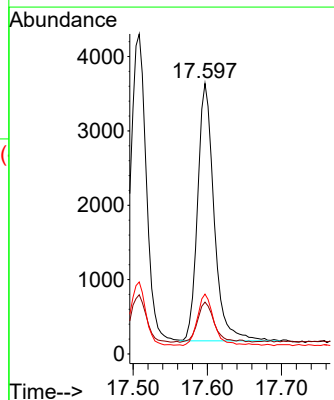
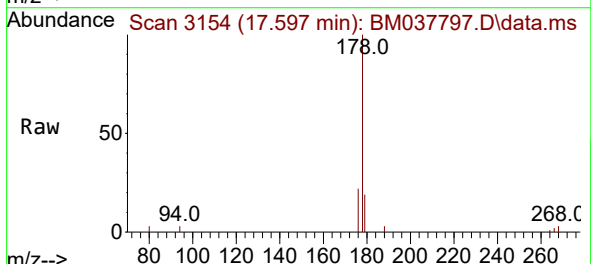
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

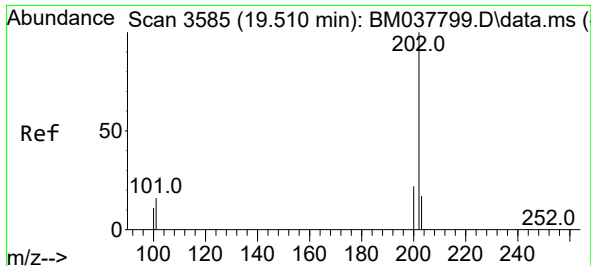
Tgt Ion:	178	Resp:	6265
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.6	18.8
176	22.5	16.0	24.0



#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.597 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:	178	Resp:	5352
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.8	19.2
176	22.1	15.0	22.6

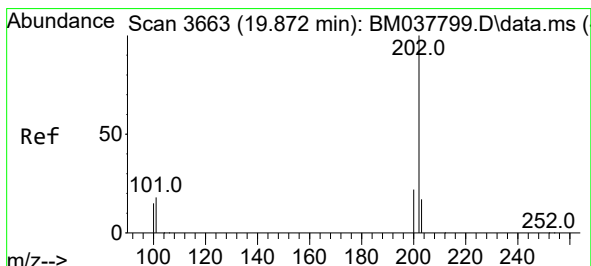
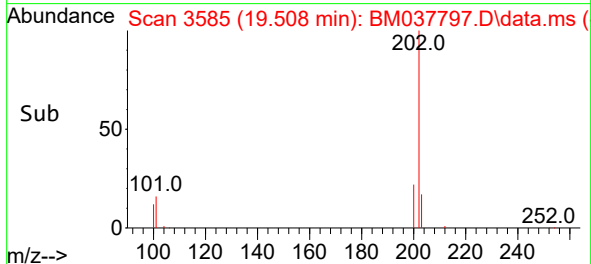
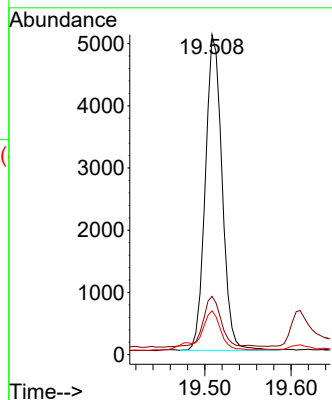
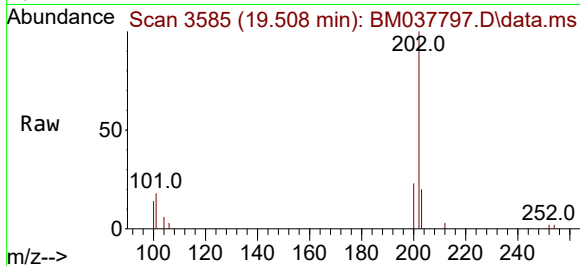




#19
Fluoranthene
Concen: 0.100 ng/ul
RT: 19.508 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

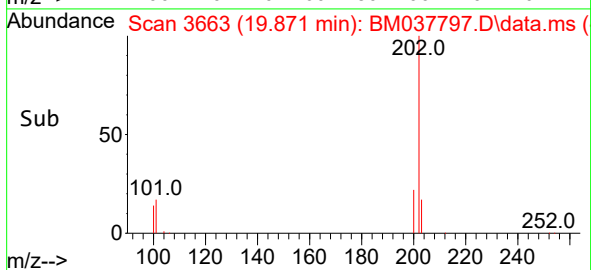
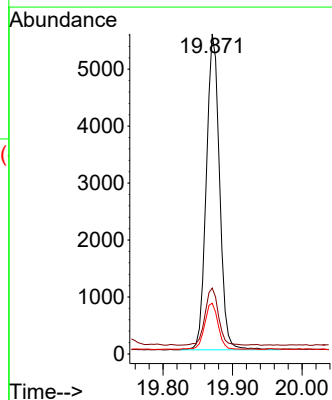
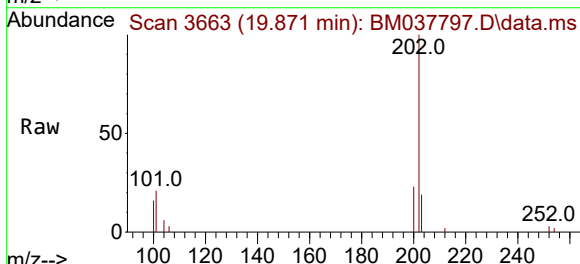
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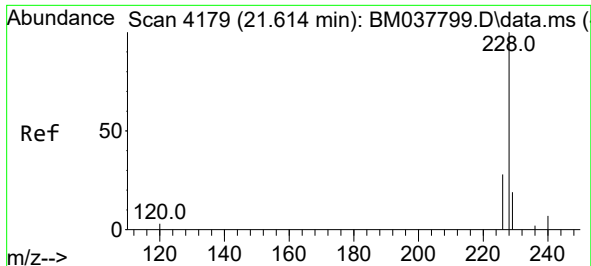
Tgt Ion:202 Resp: 6864
Ion Ratio Lower Upper
202 100
101 18.3 8.2 12.2#
100 13.7 6.1 9.1#



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.871 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:202 Resp: 7320
Ion Ratio Lower Upper
202 100
101 20.6 10.1 15.1#
100 15.9 8.0 12.0#

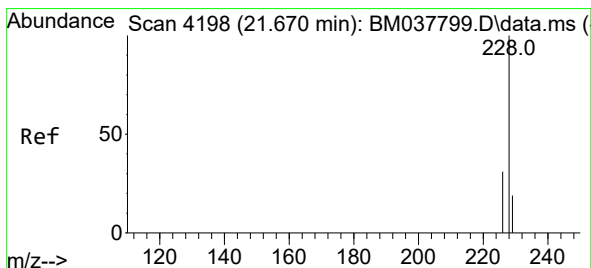
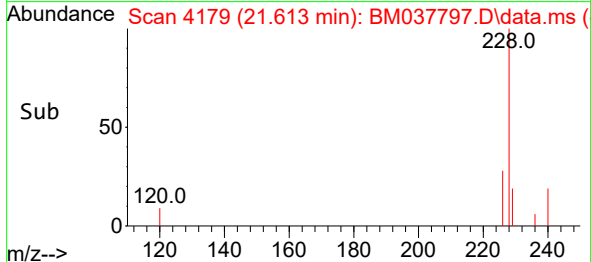
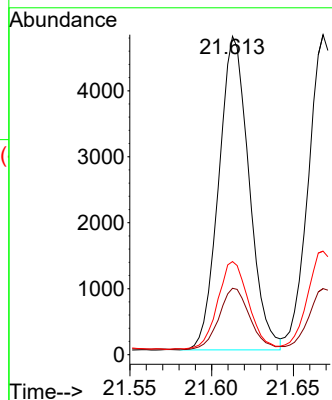
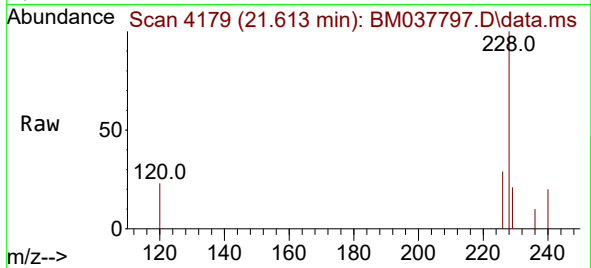




#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.613 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

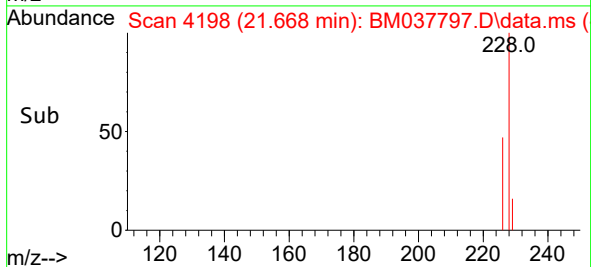
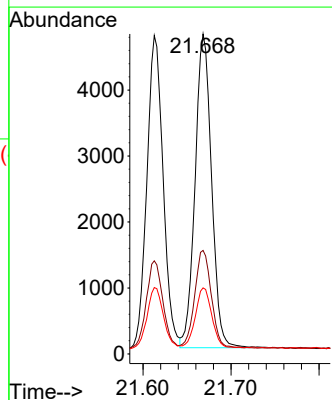
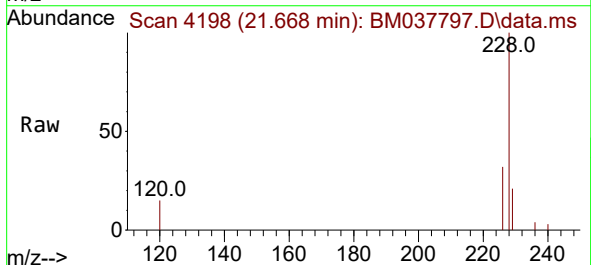
Instrument :
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ClientSampleId :
SSTD0.1001

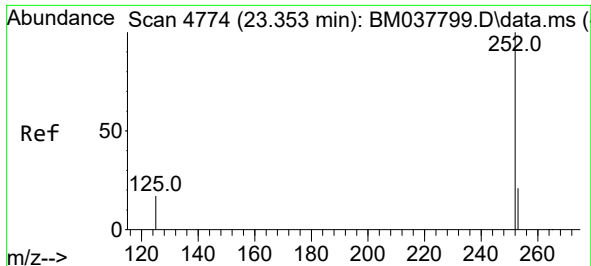
Tgt Ion:228 Resp: 6129
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 29.2 22.2 33.2



#22
Chrysene
Concen: 0.103 ng/ul
RT: 21.668 min Scan# 4198
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:228 Resp: 6199
Ion Ratio Lower Upper
228 100
226 32.3 24.6 37.0
229 20.6 15.5 23.3

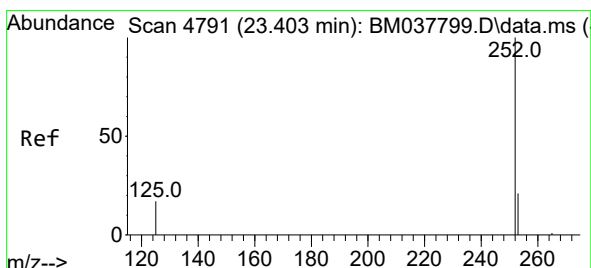
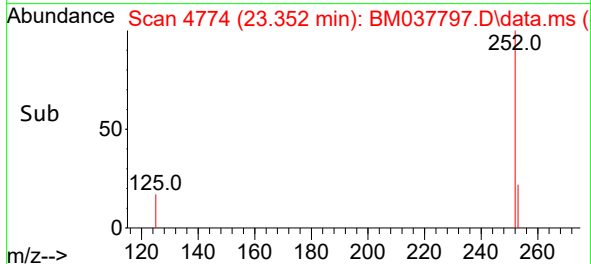
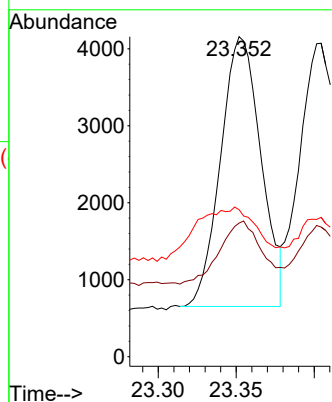
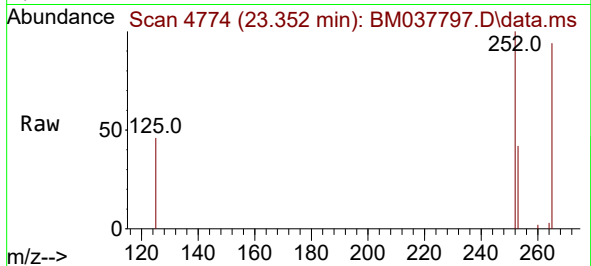




#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 23.352 min Scan# 4774
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

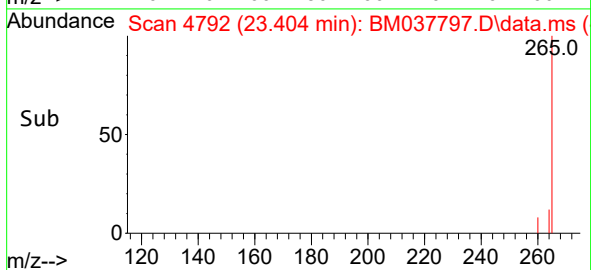
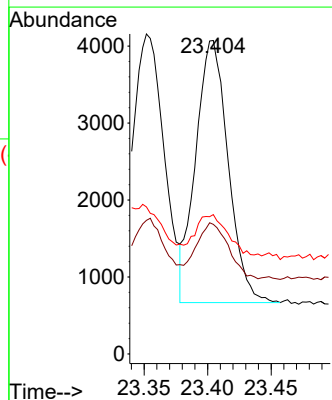
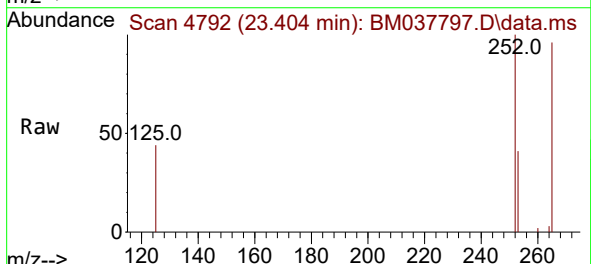
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

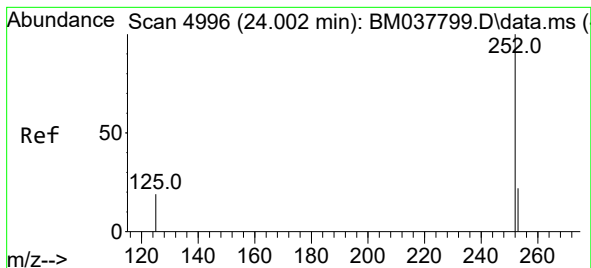
Tgt Ion:252 Resp: 6322
Ion Ratio Lower Upper
252 100
253 41.7 0.0 46.2
125 45.9 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul
RT: 23.404 min Scan# 4792
Delta R.T. 0.002 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:252 Resp: 6065
Ion Ratio Lower Upper
252 100
253 41.3 18.8 28.2#
125 44.4 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.101 ng/ul

RT: 24.004 min Scan# 4997

Delta R.T. 0.002 min

Lab File: BM037797.D

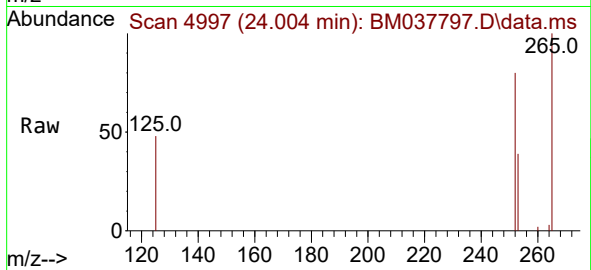
Acq: 30 Nov 2022 10:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001



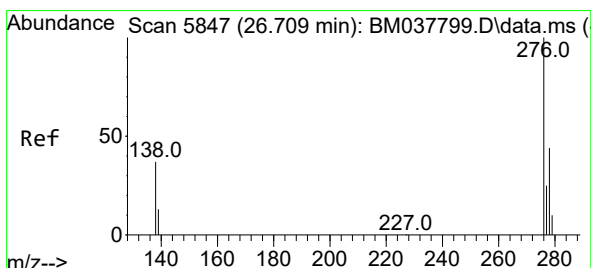
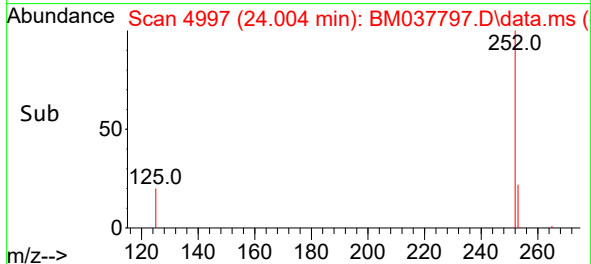
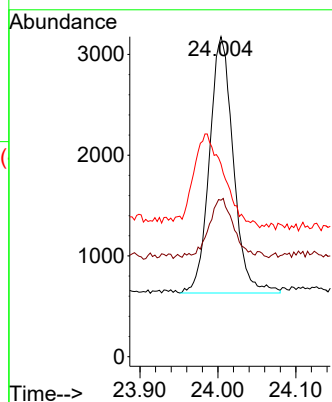
Tgt Ion:252 Resp: 5399

Ion Ratio Lower Upper

252 100

253 48.9 18.8 28.2#

125 60.2 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

RT: 26.714 min Scan# 5849

Delta R.T. 0.005 min

Lab File: BM037797.D

Acq: 30 Nov 2022 10:13

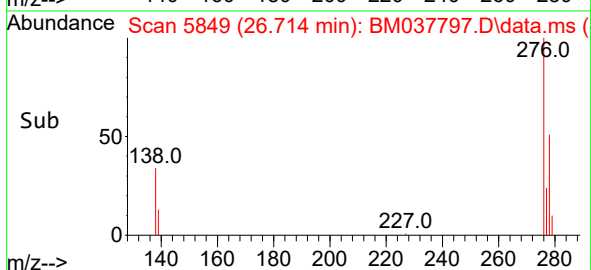
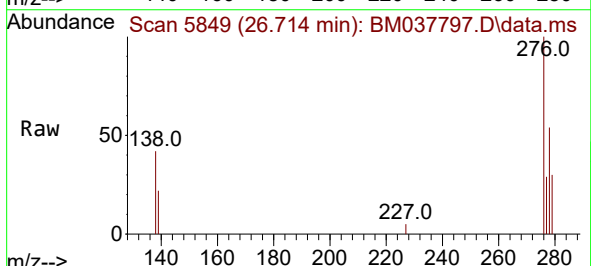
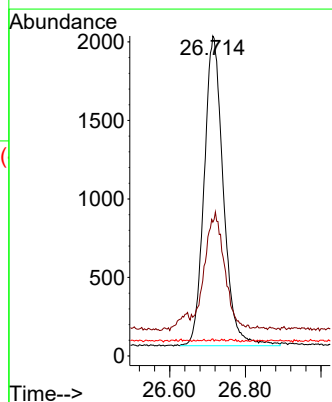
Tgt Ion:276 Resp: 6947

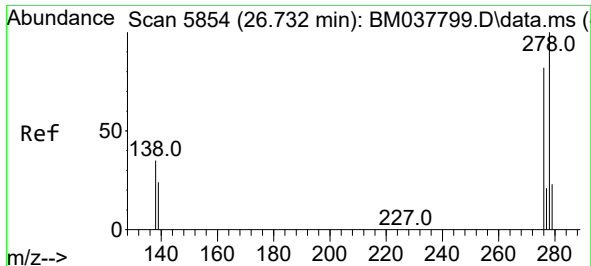
Ion Ratio Lower Upper

276 100

138 39.7 21.2 31.8#

227 0.2 0.1 0.1#

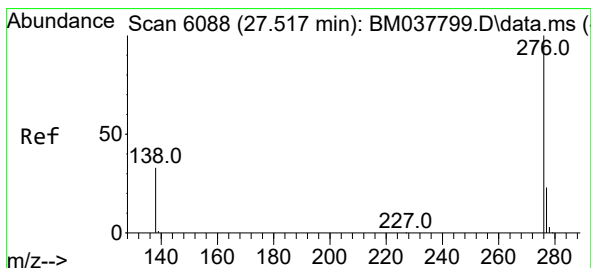
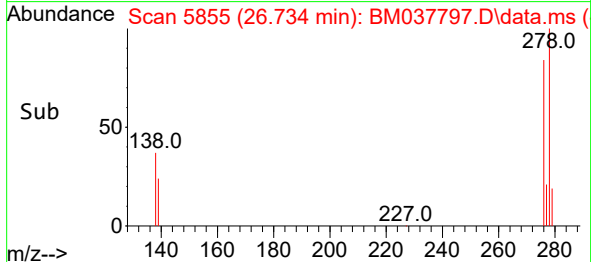
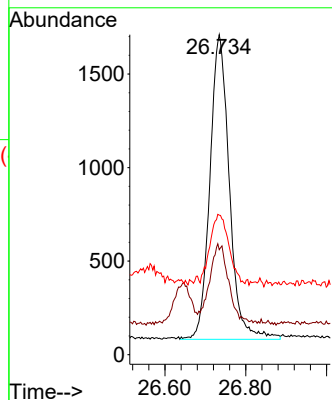
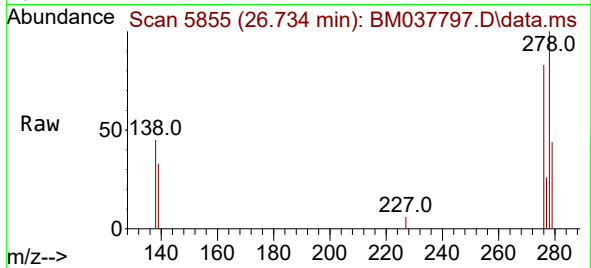




#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 26.734 min Scan# 5854
Delta R.T. 0.002 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 5444
Ion Ratio Lower Upper
278 100
139 32.8 15.2 22.8#
279 43.6 20.2 30.2#



#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 27.516 min Scan# 6088
Delta R.T. -0.001 min
Lab File: BM037797.D
Acq: 30 Nov 2022 10:13

Tgt Ion:276 Resp: 5752
Ion Ratio Lower Upper
276 100
138 43.2 19.0 28.4#
277 29.7 19.4 29.2#

