

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112922\
 Data File : BM037795.D
 Acq On : 29 Nov 2022 17:31
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4182

Quant Time: Nov 29 23:36:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 23:34:25 2022
 Response via : Initial Calibration

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

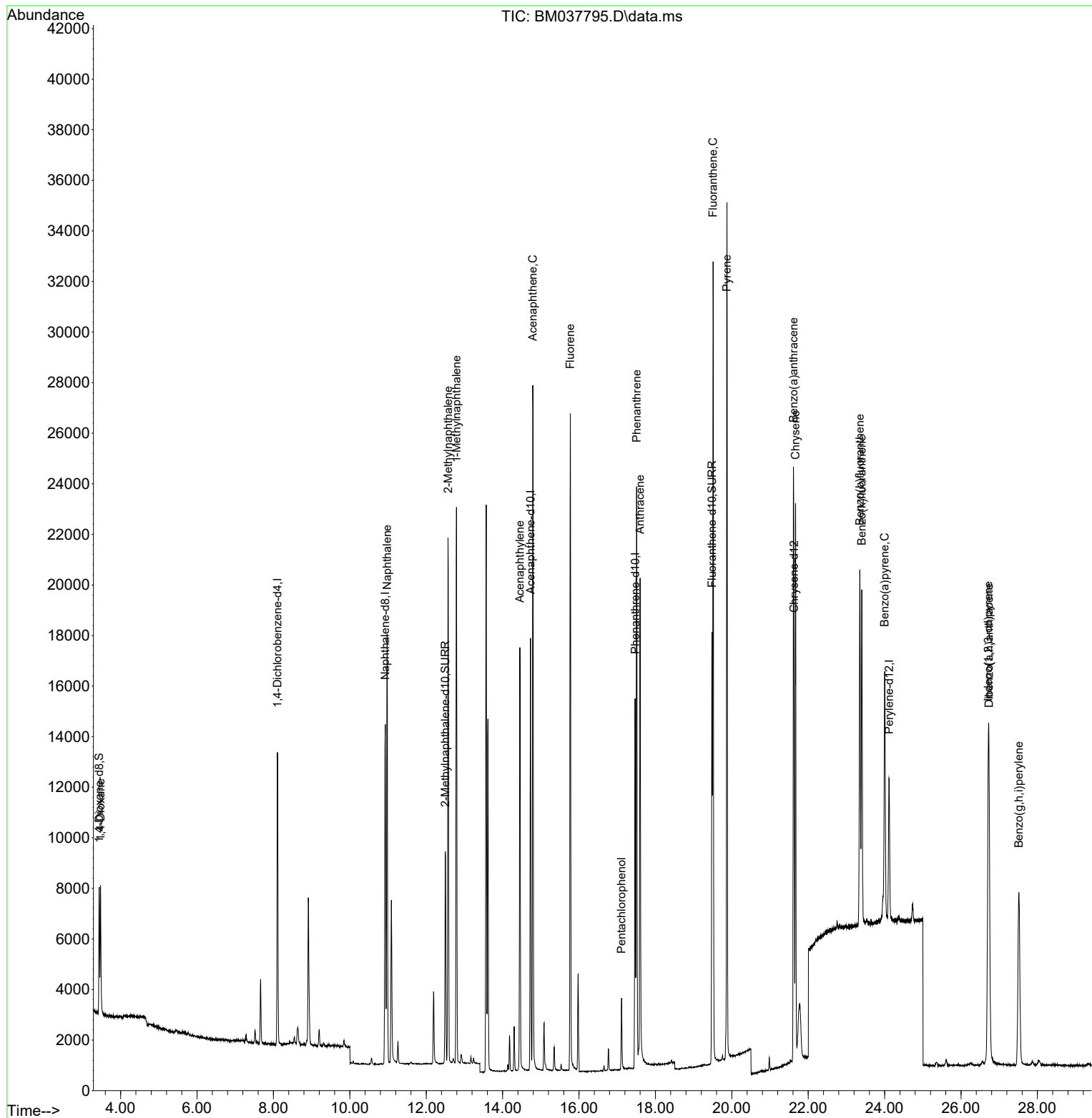
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	5595	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	17321	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.730	164	8875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.467	188	16441	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.629	240	9597	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	7872	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3104	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	10577	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	16022	0.505	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	3129	0.462	ng/ul#	56
5) Naphthalene	10.976	128	22587	0.429	ng/ul	98
7) 2-Methylnaphthalene	12.571	142	13838	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.791	142	14226	0.388	ng/ul	99
10) Acenaphthylene	14.452	152	18620	0.378	ng/ul	99
11) Acenaphthene	14.790	153	15345	0.446	ng/ul	99
12) Fluorene	15.771	166	16403	0.396	ng/ul	98
14) Pentachlorophenol	17.113	266	1853	0.502	ng/ul	99
15) Phenanthrene	17.510	178	24793	0.441	ng/ul	99
16) Anthracene	17.598	178	21977	0.405	ng/ul	98
19) Fluoranthene	19.510	202	25000	0.540	ng/ul#	85
20) Pyrene	19.872	202	25816	0.536	ng/ul#	86
21) Benzo(a)anthracene	21.614	228	18608	0.434	ng/ul	99
22) Chrysene	21.670	228	18569	0.436	ng/ul	99
24) Benzo(b)fluoranthene	23.350	252	17840	0.497	ng/ul#	80
25) Benzo(k)fluoranthene	23.403	252	17101	0.472	ng/ul#	80
26) Benzo(a)pyrene	24.002	252	14518	0.465	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.712	276	17857	0.432	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.732	278	13860	0.427	ng/ul#	86
29) Benzo(g,h,i)perylene	27.514	276	14913	0.425	ng/ul#	86

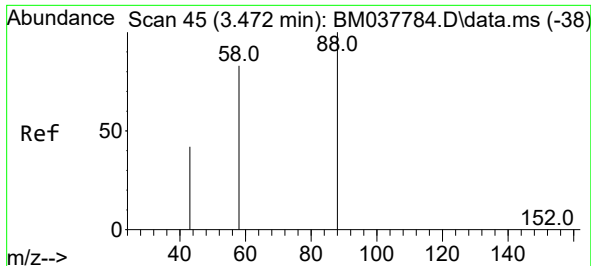
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 23:36:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 23:34:25 2022
Response via : Initial Calibration

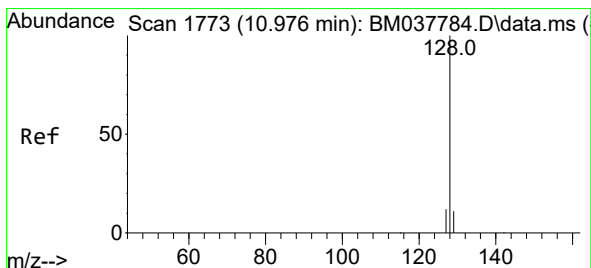
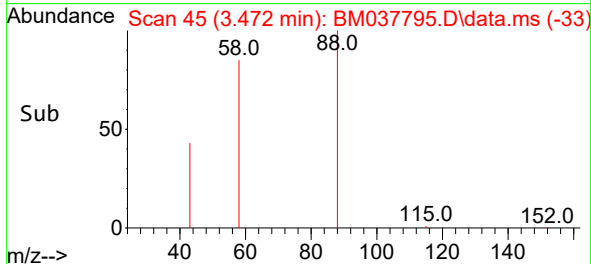
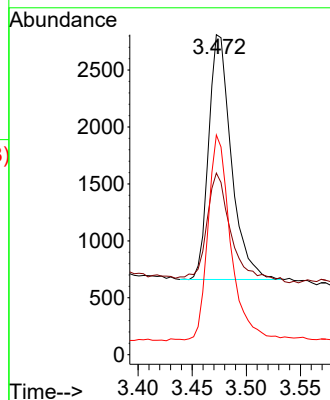
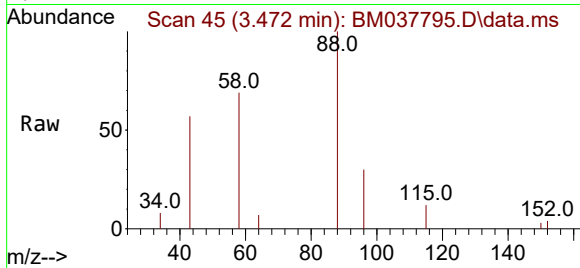




#2
1,4-Dioxane
Concen: 0.462 ng/ul
RT: 3.472 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

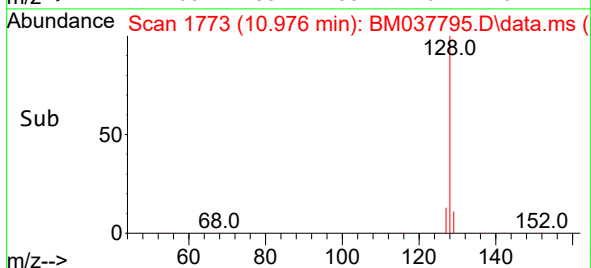
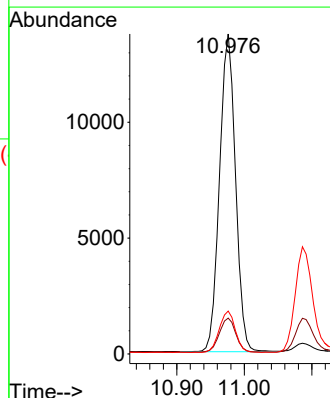
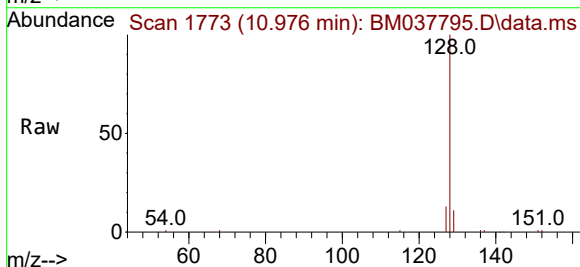
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BNA_M
ClientSampleId :
SSTD0.4182

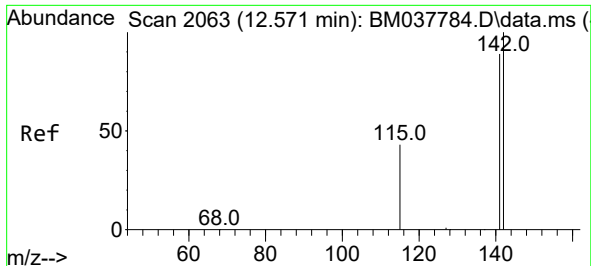
Tgt Ion: 88 Resp: 3129
Ion Ratio Lower Upper
88 100
43 56.7 102.8 154.2#
58 68.7 67.3 100.9



#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.976 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion: 128 Resp: 22587
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 13.4 11.0 16.4

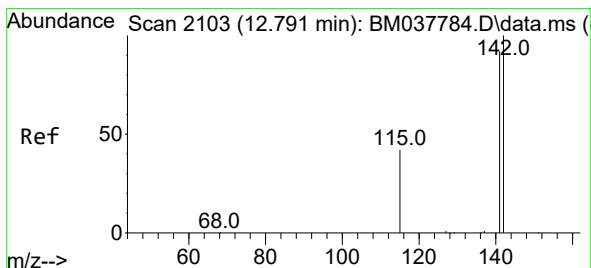
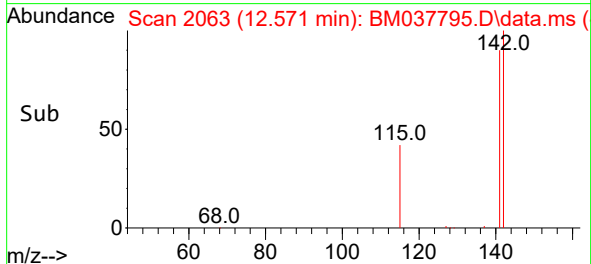
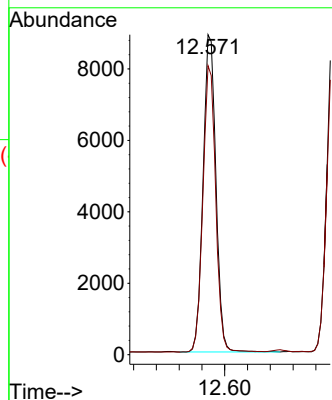
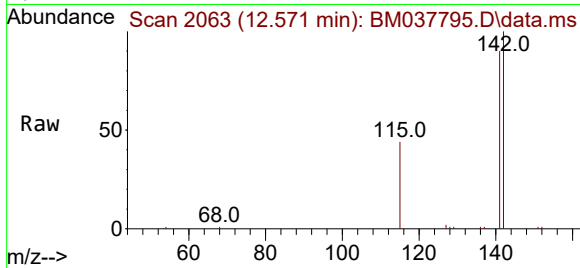




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.571 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

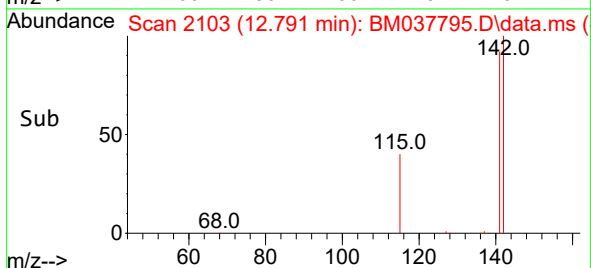
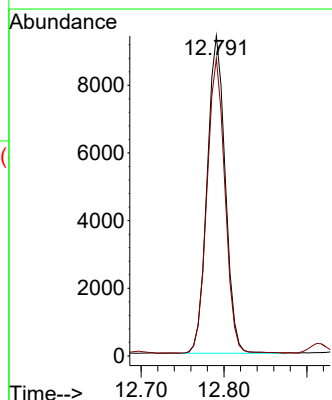
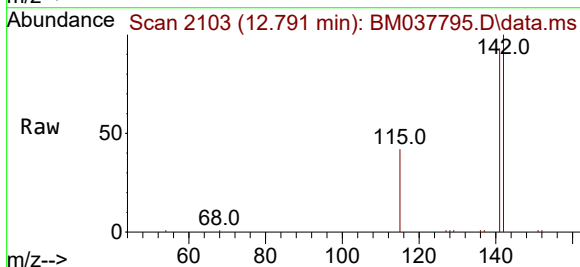
Instrument :
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ClientSampleId :
SSTD0.4182

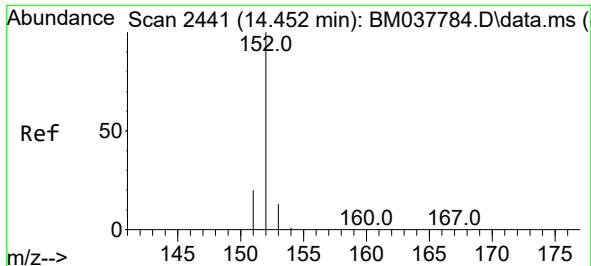
Tgt Ion:142 Resp: 13838
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.791 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:142 Resp: 14226
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

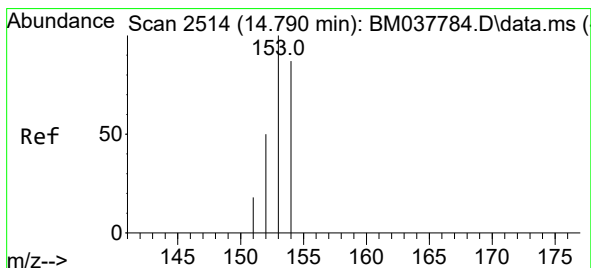
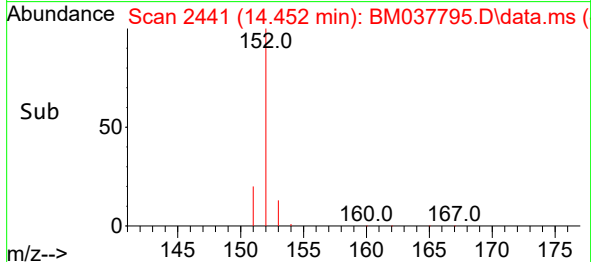
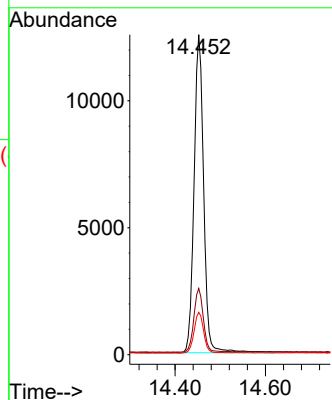
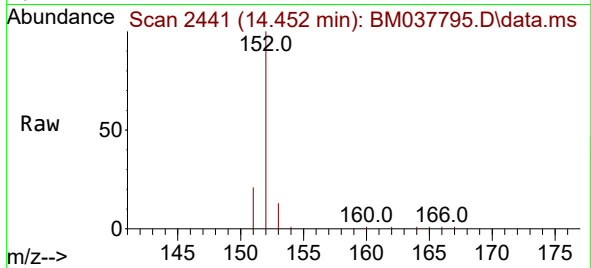




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.452 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

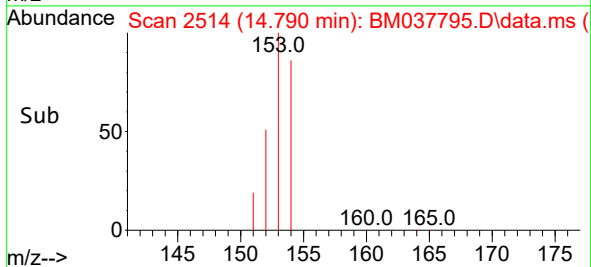
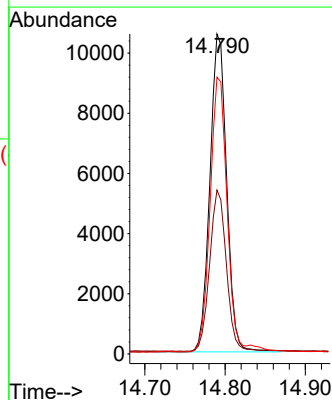
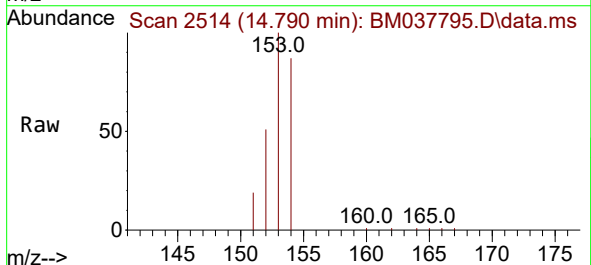
Instrument :
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ClientSampleId :
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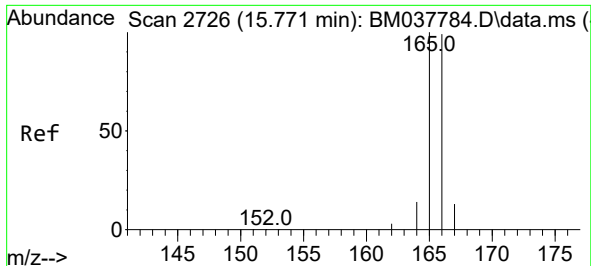
Tgt Ion:152 Resp: 18620
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.3 11.0 16.4



#11
Acenaphthene
Concen: 0.446 ng/ul
RT: 14.790 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:153 Resp: 15345
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.0
154 86.5 69.5 104.3

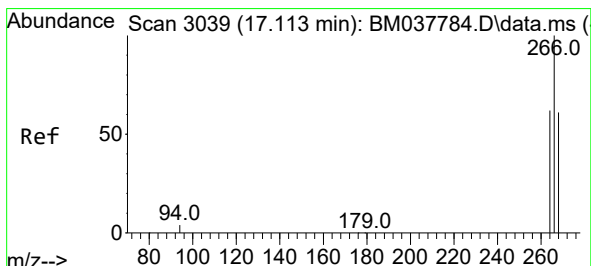
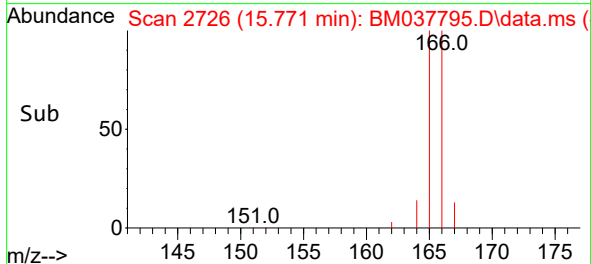
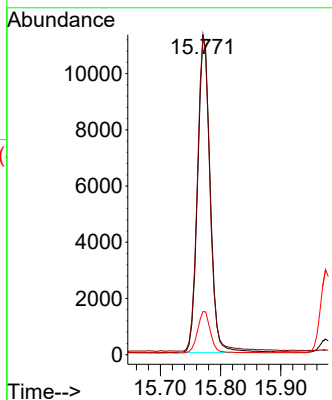
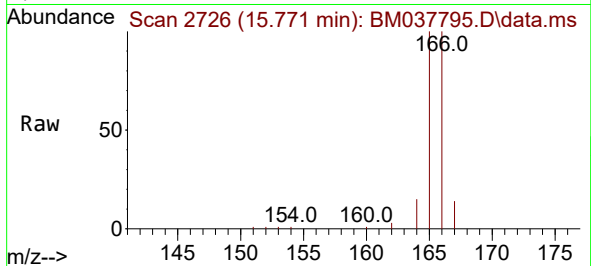




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.771 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

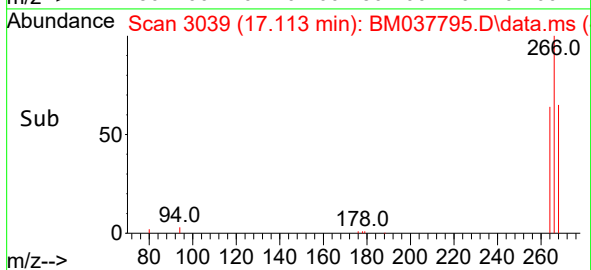
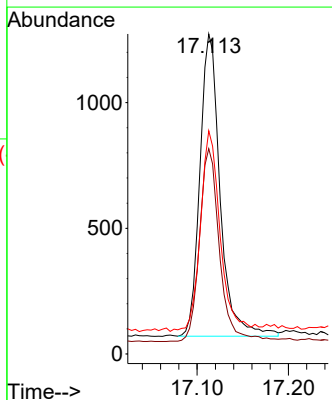
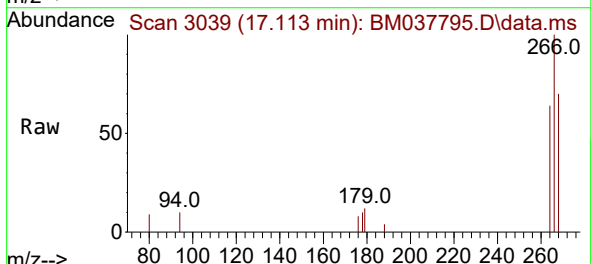
Instrument :
BNA_M
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SSTD0.4182

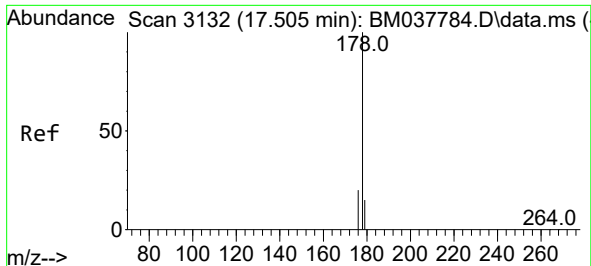
Tgt Ion:166 Resp: 16403
Ion Ratio Lower Upper
166 100
165 100.1 78.7 118.1
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.502 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:266 Resp: 1853
Ion Ratio Lower Upper
266 100
264 63.6 50.2 75.2
268 65.0 52.0 78.0

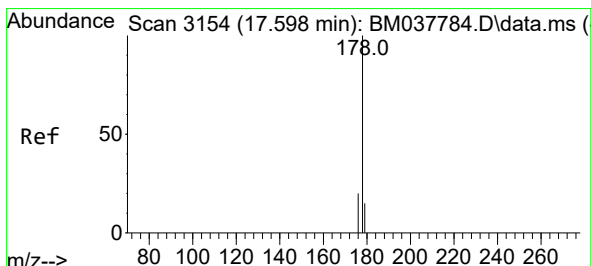
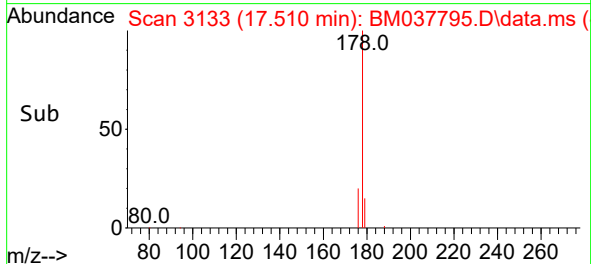
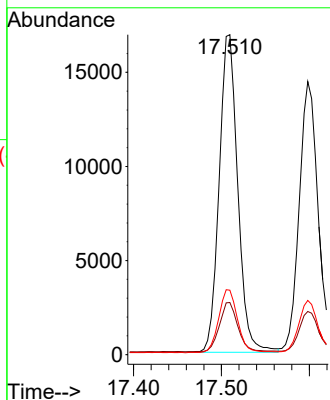
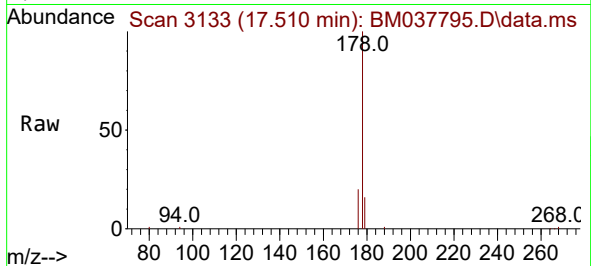




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.510 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

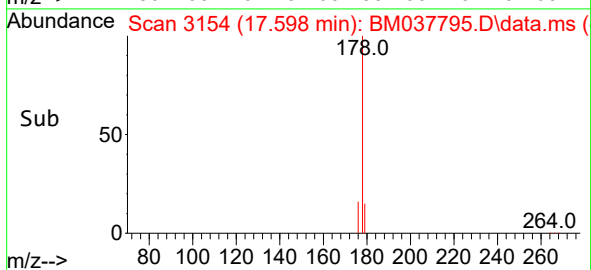
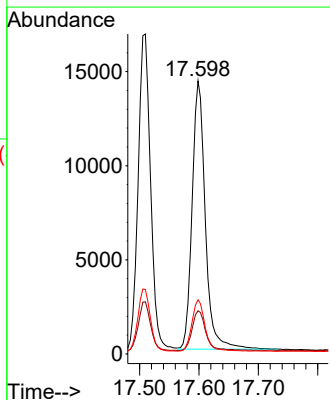
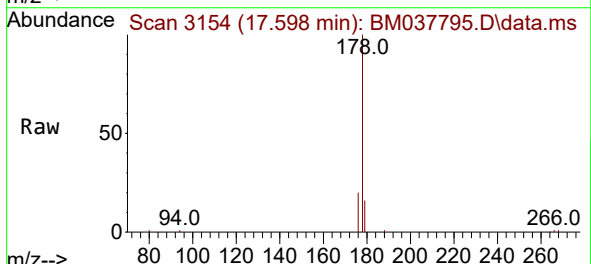
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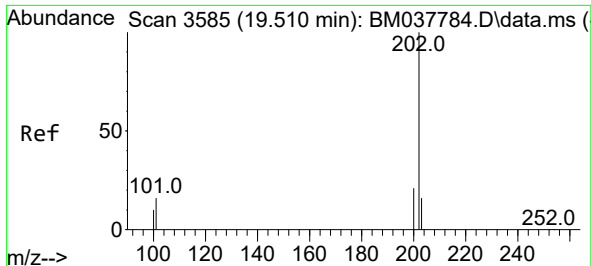
Tgt Ion:178 Resp: 24793
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.598 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:178 Resp: 21977
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.9 15.0 22.6

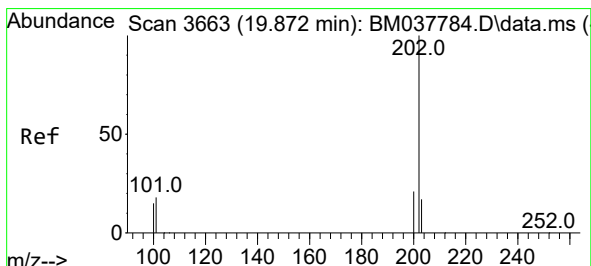
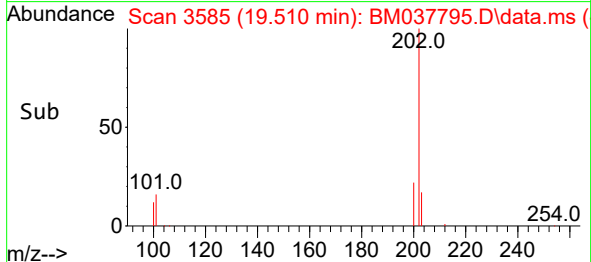
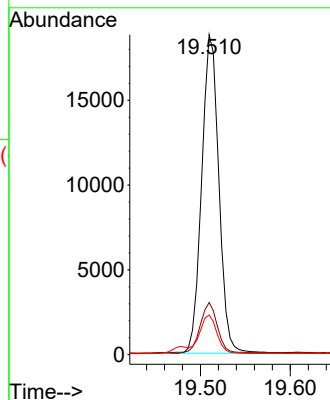
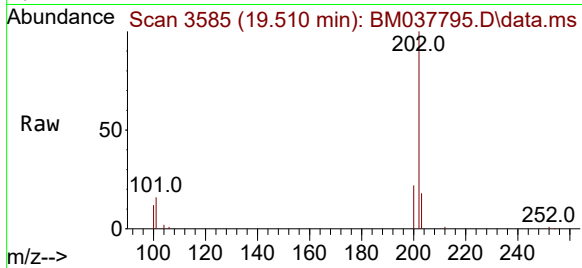




#19
Fluoranthene
Concen: 0.540 ng/ul
RT: 19.510 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

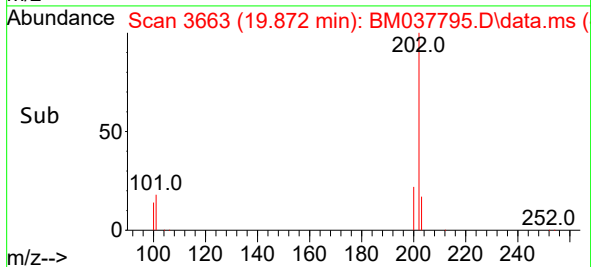
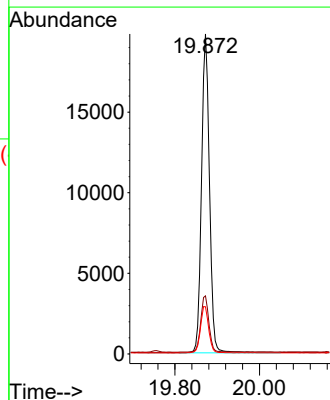
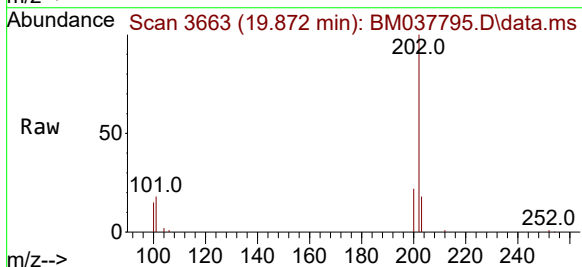
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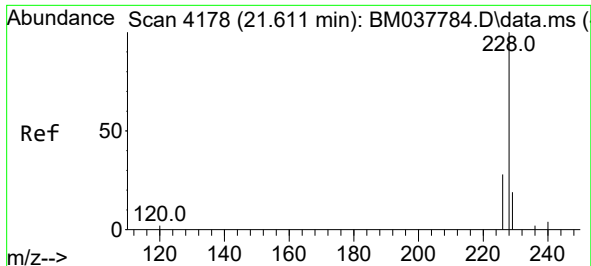
Tgt Ion:202 Resp: 25000
Ion Ratio Lower Upper
202 100
101 16.3 8.2 12.2#
100 12.4 6.1 9.1#



#20
Pyrene
Concen: 0.536 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:202 Resp: 25816
Ion Ratio Lower Upper
202 100
101 18.2 10.1 15.1#
100 14.8 8.0 12.0#

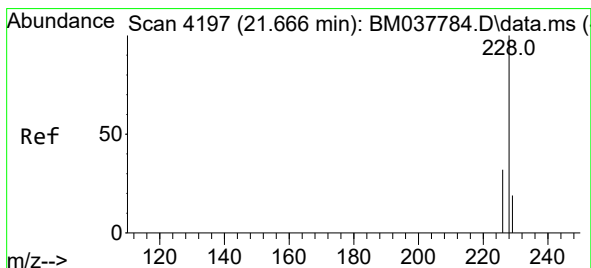
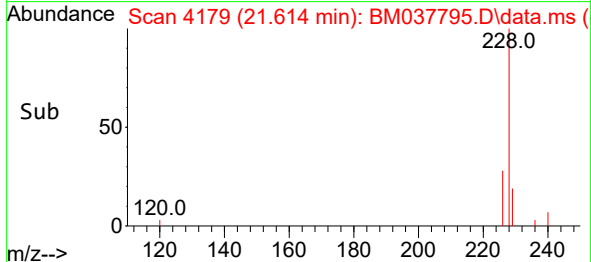
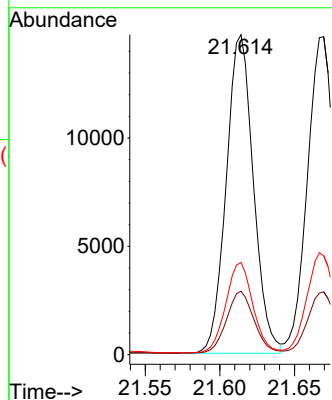
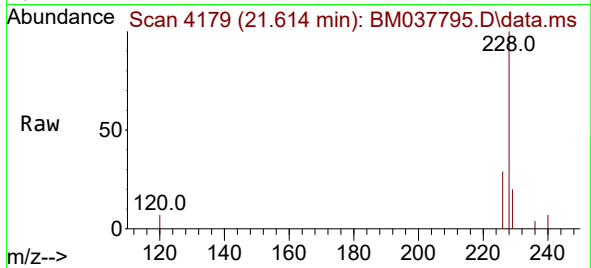




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.614 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

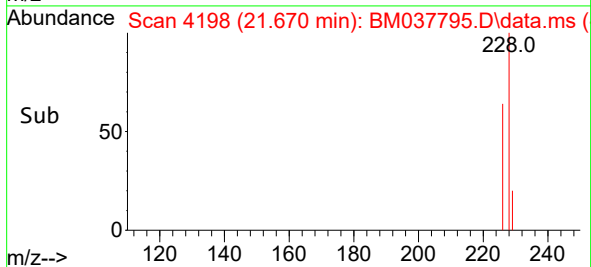
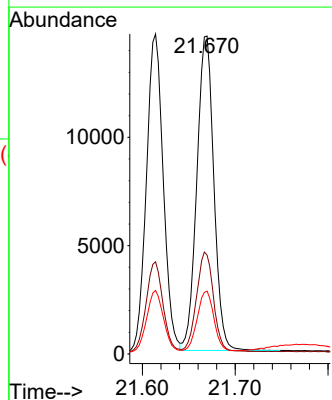
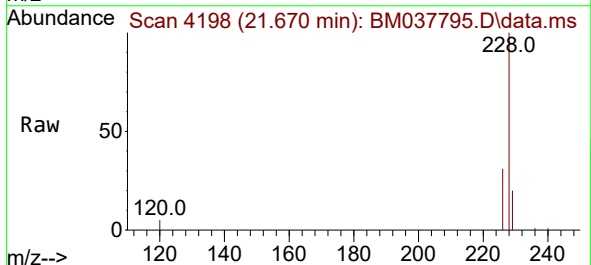
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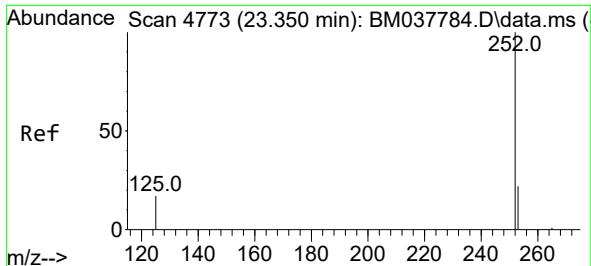
Tgt Ion:228 Resp: 18608
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.8 22.2 33.2



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. 0.003 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:228 Resp: 18569
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.8 15.5 23.3

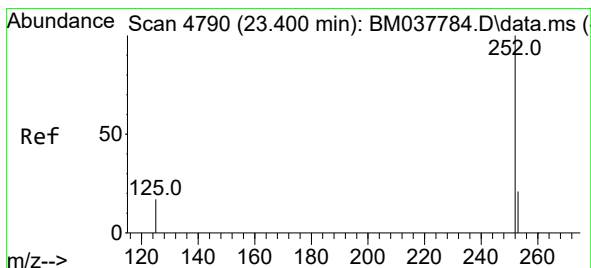
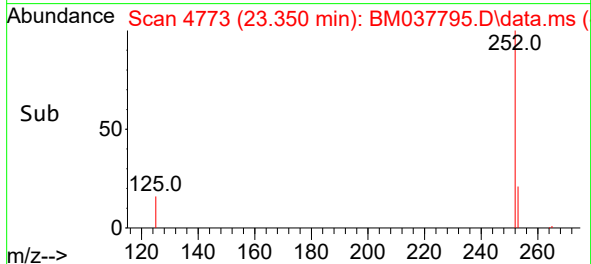
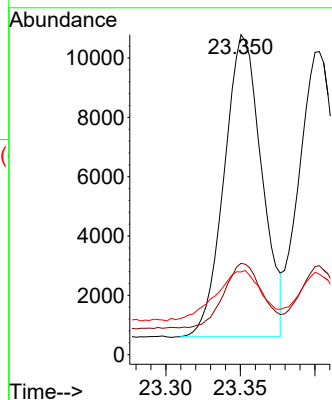
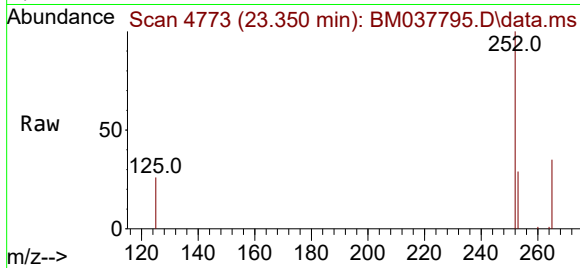




#24
Benzo(b)fluoranthene
Concen: 0.497 ng/ul
RT: 23.350 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

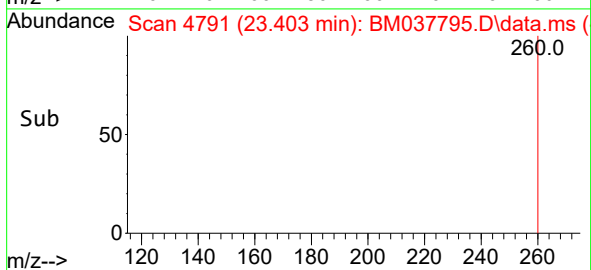
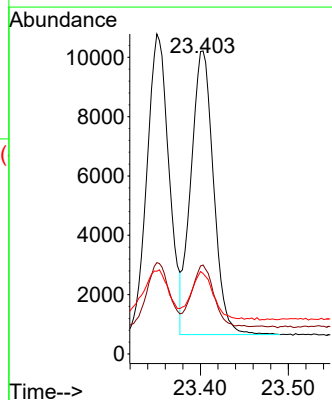
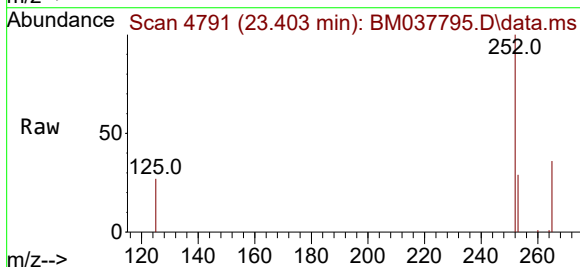
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

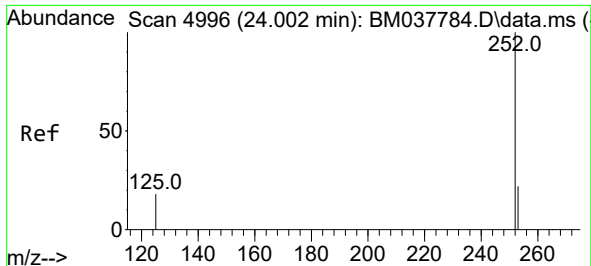
Tgt Ion:252 Resp: 17840
Ion Ratio Lower Upper
252 100
253 28.6 0.0 46.2
125 25.9 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:252 Resp: 17101
Ion Ratio Lower Upper
252 100
253 29.4 18.8 28.2#
125 26.6 9.8 14.6#

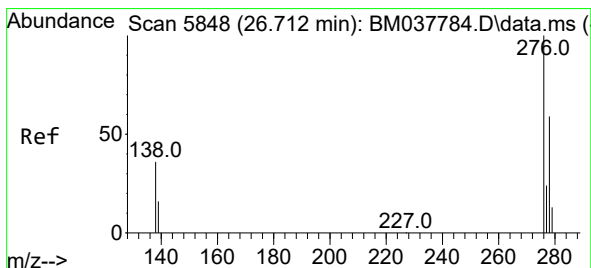
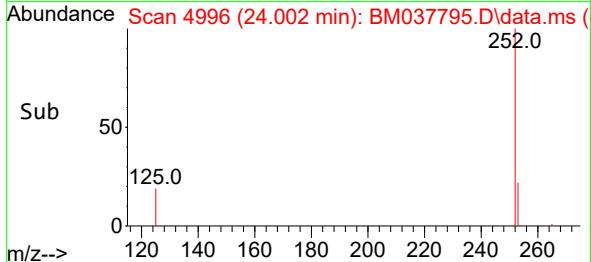
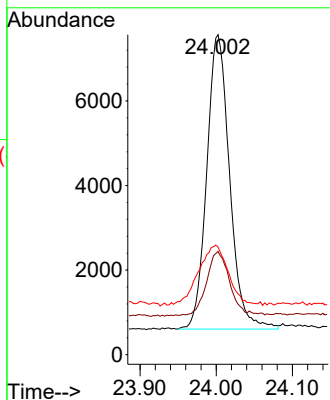
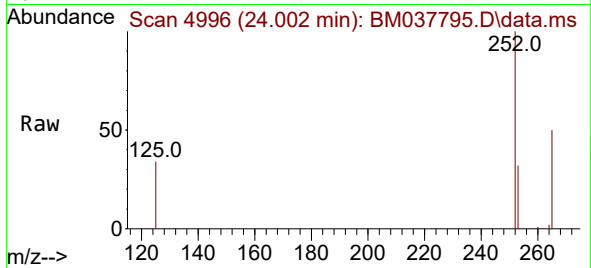




#26
Benzo(a)pyrene
Concen: 0.465 ng/ul
RT: 24.002 min Scan# 4996
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

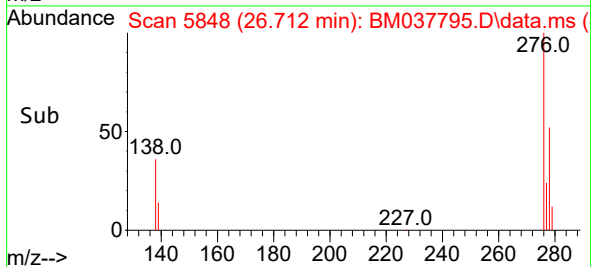
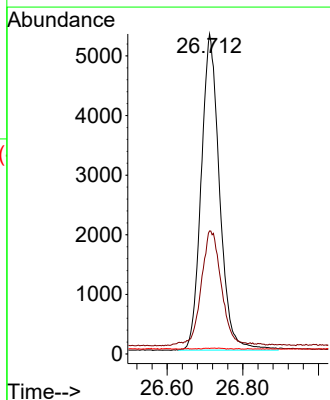
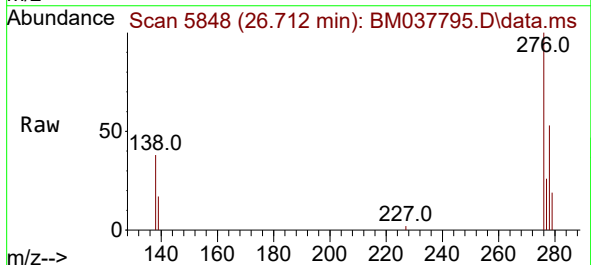
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

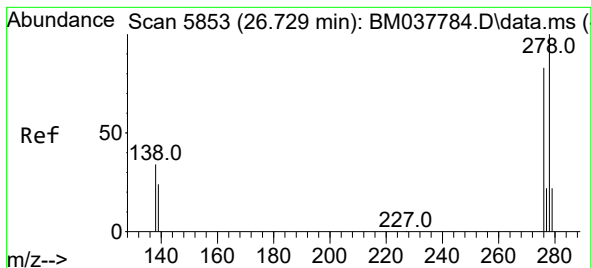
Tgt Ion:252 Resp: 14518
Ion Ratio Lower Upper
252 100
253 32.3 18.8 28.2#
125 33.6 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.712 min Scan# 5848
Delta R.T. 0.000 min
Lab File: BM037795.D
Acq: 29 Nov 2022 17:31

Tgt Ion:276 Resp: 17857
Ion Ratio Lower Upper
276 100
138 38.0 21.2 31.8#
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.427 ng/ul

RT: 26.732 min Scan# 5854

Delta R.T. 0.004 min

Lab File: BM037795.D

Acq: 29 Nov 2022 17:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4182

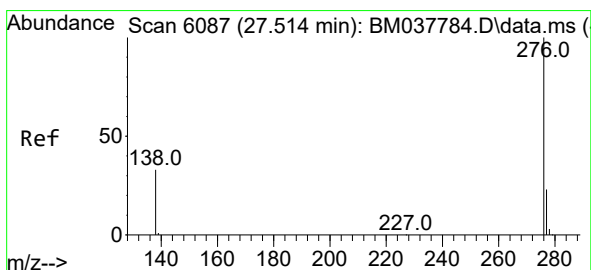
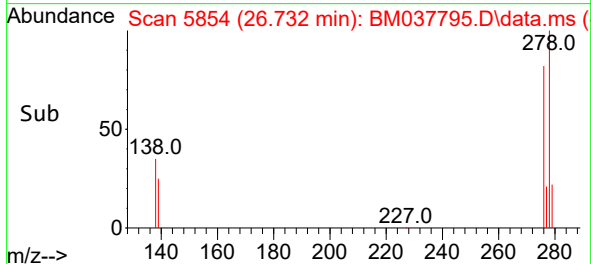
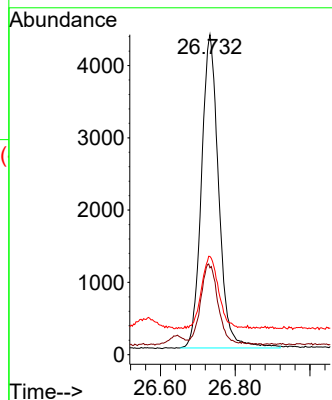
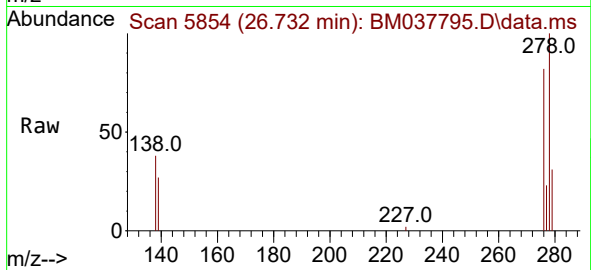
Tgt Ion:278 Resp: 13860

Ion Ratio Lower Upper

278 100

139 27.1 15.2 22.8#

279 30.7 20.2 30.2#



#29

Benzo(g,h,i)perylene

Concen: 0.425 ng/ul

RT: 27.514 min Scan# 6087

Delta R.T. 0.000 min

Lab File: BM037795.D

Acq: 29 Nov 2022 17:31

Tgt Ion:276 Resp: 14913

Ion Ratio Lower Upper

276 100

138 36.9 19.0 28.4#

277 25.5 19.4 29.2

