

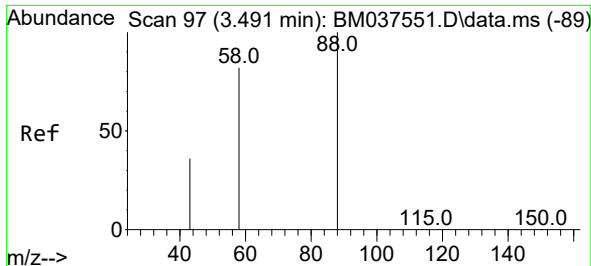
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037572.D
 Acq On : 18 Nov 2022 20:22
 Operator : CG/JU
 Sample : PB149147BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:14:39 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 : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	6633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	18162	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.755	164	11116	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.486	188	25888	0.400	ng/ul	0.00
17) Chrysene-d12	21.646	240	19840	0.400	ng/ul	0.00
23) Perylene-d12	24.139	264	19028	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	5321	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.530	152	9986	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.498	212	23665	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	14680	1.829	ng/ul#	52
5) Naphthalene	11.007	128	18489	0.335	ng/ul	98
7) 2-Methylnaphthalene	12.602	142	12106	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.822	142	12648	0.329	ng/ul	100
10) Acenaphthylene	14.478	152	18833	0.305	ng/ul	100
11) Acenaphthene	14.816	153	14263	0.331	ng/ul	97
12) Fluorene	15.796	166	16994	0.328	ng/ul	99
14) Pentachlorophenol	17.132	266	3717	0.640	ng/ul	99
15) Phenanthrene	17.529	178	29614	0.334	ng/ul	100
16) Anthracene	17.621	178	26528	0.311	ng/ul	100
19) Fluoranthene	19.531	202	35341	0.369	ng/ul	98
20) Pyrene	19.889	202	35576	0.357	ng/ul	97
21) Benzo(a)anthracene	21.628	228	30545	0.344	ng/ul	99
22) Chrysene	21.684	228	33367	0.379	ng/ul	100
24) Benzo(b)fluoranthene	23.373	252	34643	0.399	ng/ul	94
25) Benzo(k)fluoranthene	23.423	252	32290	0.369	ng/ul	97
26) Benzo(a)pyrene	24.028	252	31290	0.415	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.755	276	35622	0.357	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.776	278	29266	0.373	ng/ul	97
29) Benzo(g,h,i)perylene	27.557	276	29321	0.346	ng/ul	98

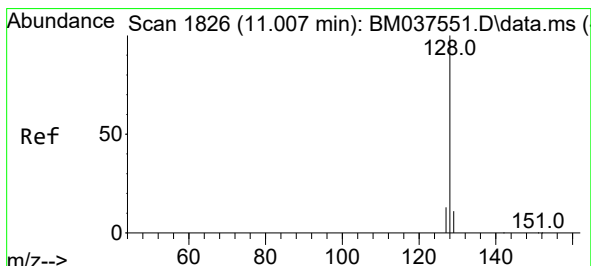
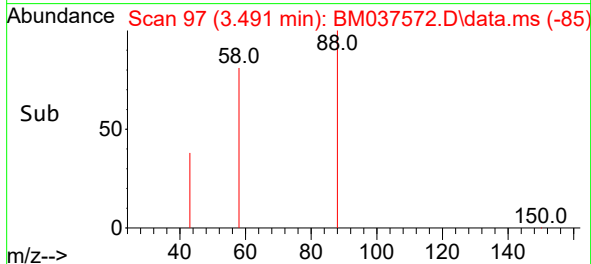
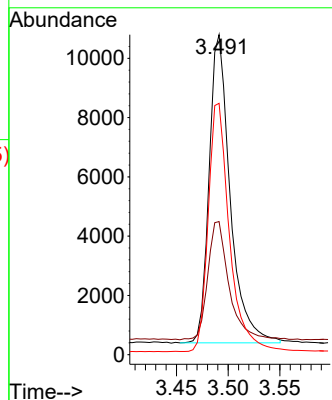
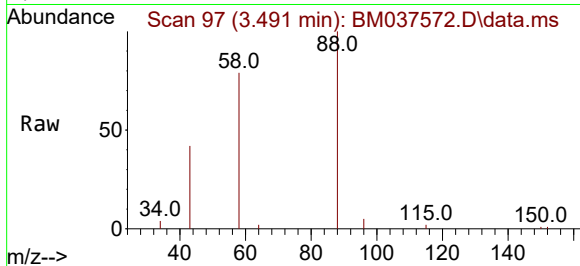
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.829 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

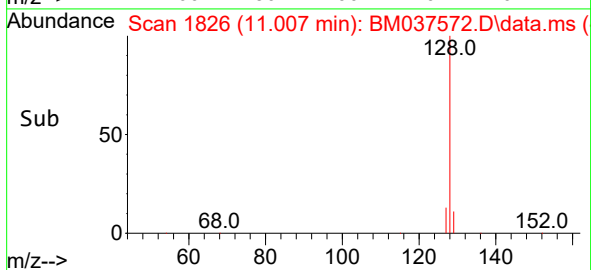
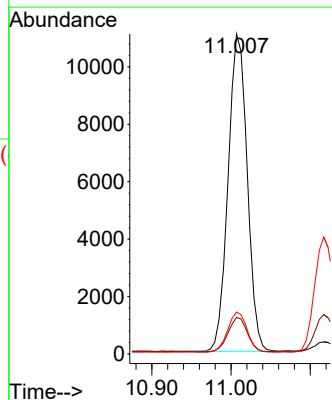
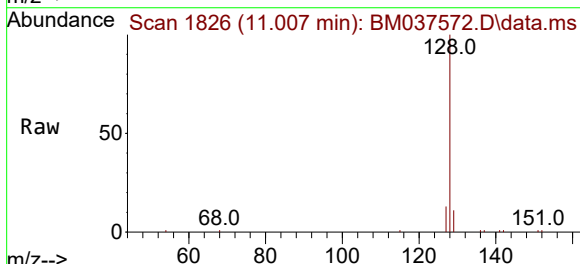
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BNA_M
ClientSampleId :

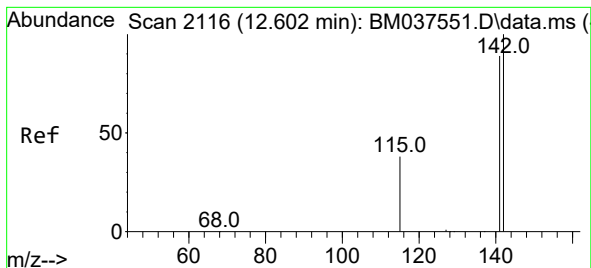
Tgt Ion: 88 Resp: 14680
Ion Ratio Lower Upper
88 100
43 41.6 102.8 154.2#
58 78.6 67.3 100.9



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Tgt Ion: 128 Resp: 18489
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.1 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.323 ng/ul

RT: 12.602 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BM037572.D

Acq: 18 Nov 2022 20:22

Instrument :

BNA_M

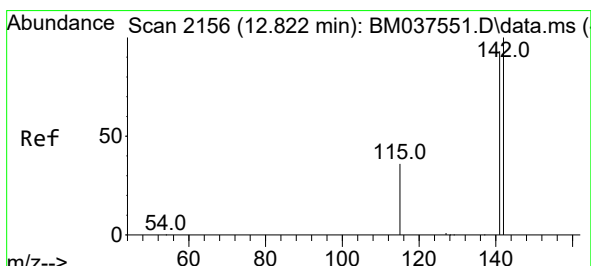
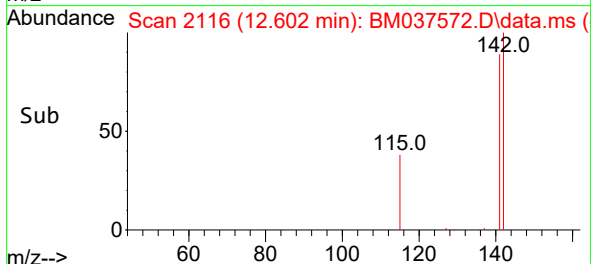
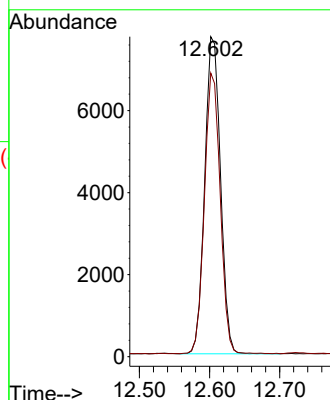
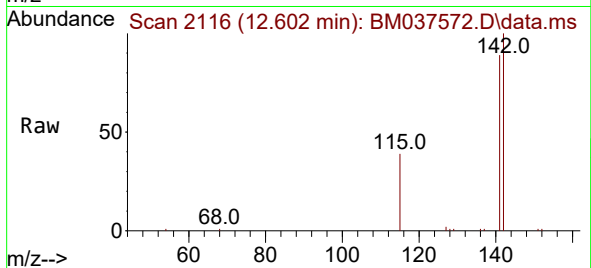
ClientSampleId :

Tgt Ion:142 Resp: 12106

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#8

1-Methylnaphthalene

Concen: 0.329 ng/ul

RT: 12.822 min Scan# 2156

Delta R.T. -0.000 min

Lab File: BM037572.D

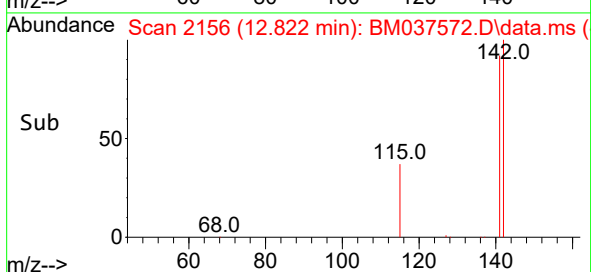
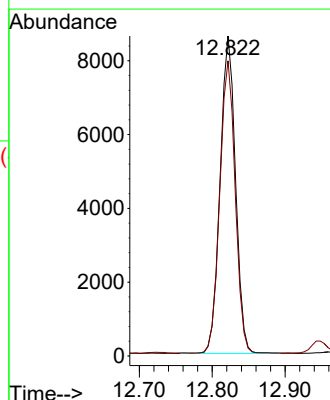
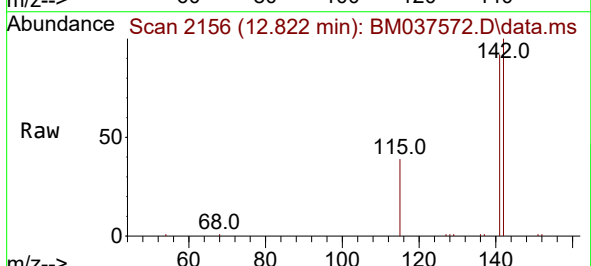
Acq: 18 Nov 2022 20:22

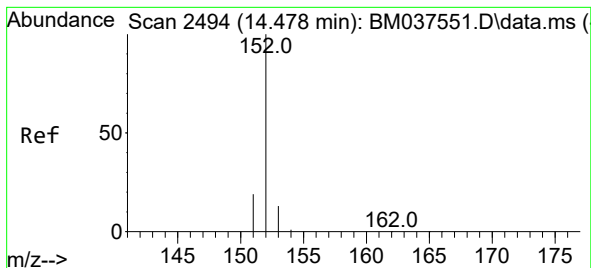
Tgt Ion:142 Resp: 12648

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.0





#10

Acenaphthylene

Concen: 0.305 ng/ul

RT: 14.478 min Scan# 2494

Delta R.T. -0.000 min

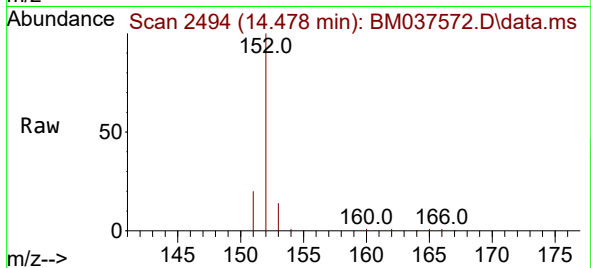
Lab File: BM037572.D

Acq: 18 Nov 2022 20:22

Instrument :

BNA_M

ClientSampleId :



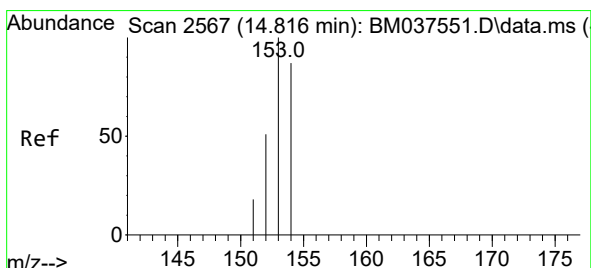
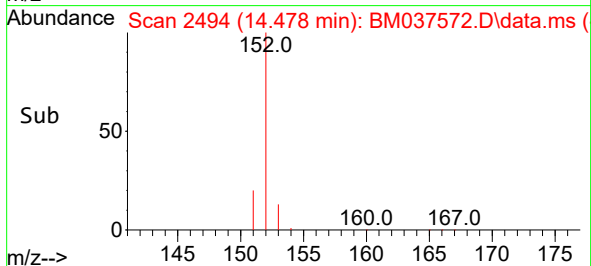
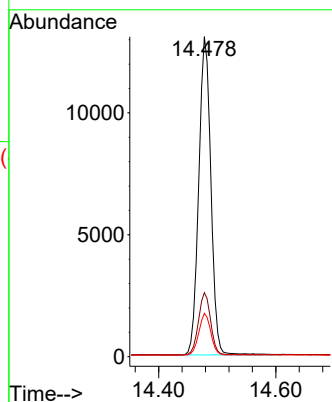
Tgt Ion:152 Resp: 18833

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.6 11.0 16.4



#11

Acenaphthene

Concen: 0.331 ng/ul

RT: 14.816 min Scan# 2567

Delta R.T. -0.000 min

Lab File: BM037572.D

Acq: 18 Nov 2022 20:22

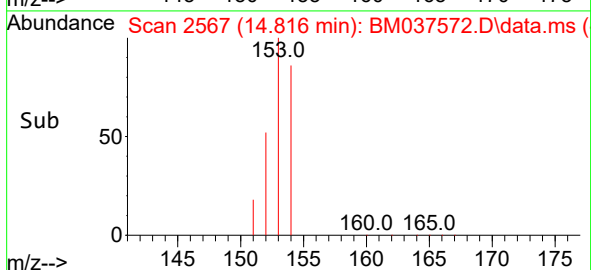
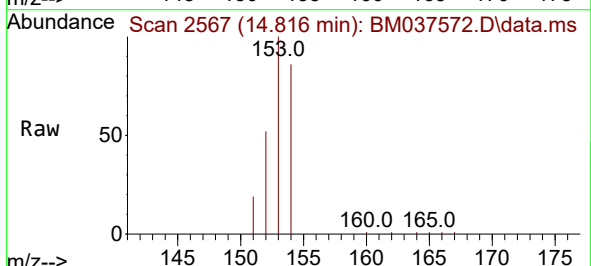
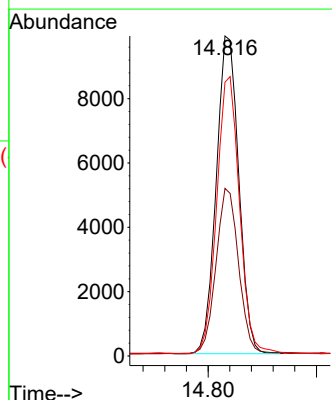
Tgt Ion:153 Resp: 14263

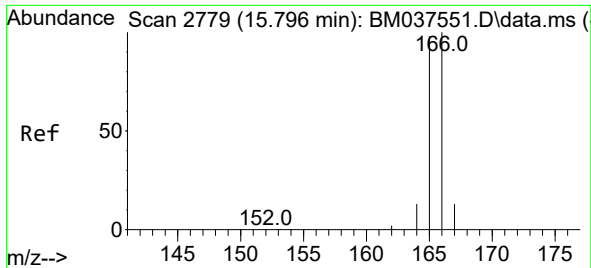
Ion Ratio Lower Upper

153 100

152 52.4 39.4 59.0

154 85.5 69.5 104.3

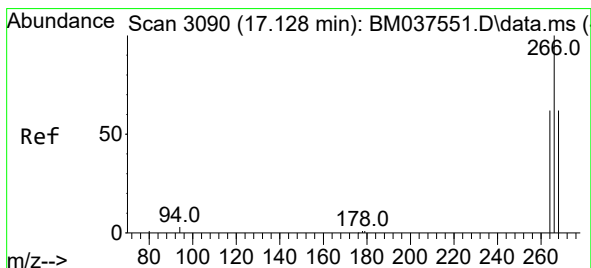
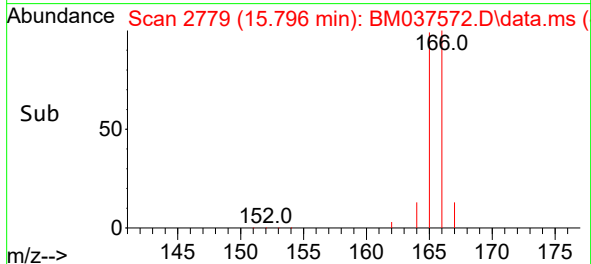
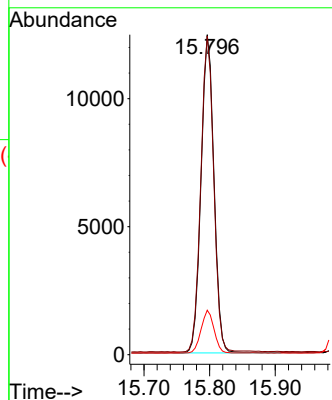
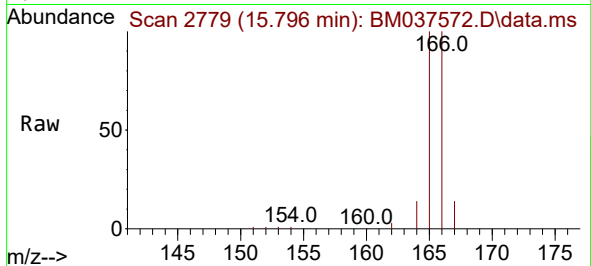




#12
 Fluorene
 Concen: 0.328 ng/ul
 RT: 15.796 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037572.D
 Acq: 18 Nov 2022 20:22

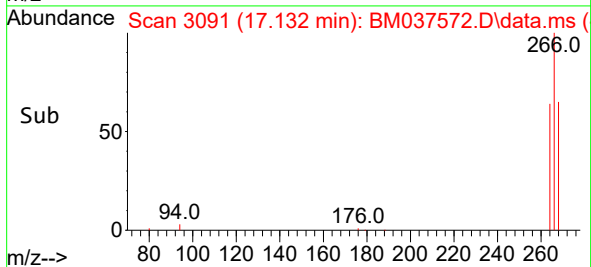
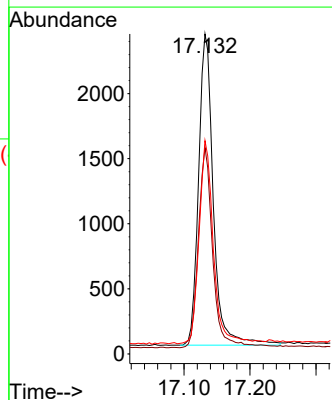
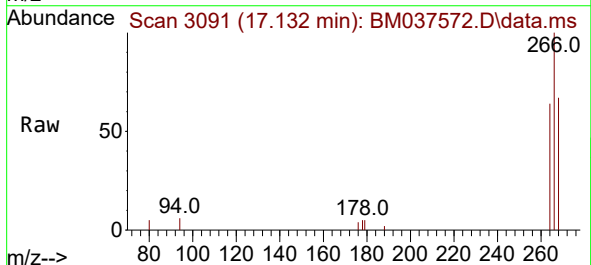
Instrument :
 BNA_M
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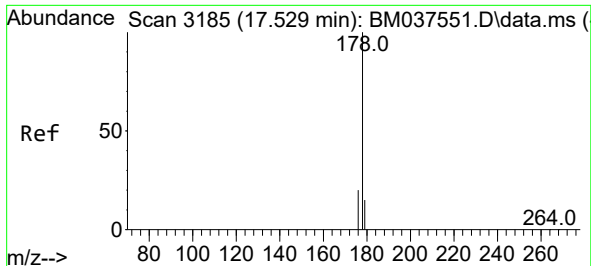
Tgt Ion:166 Resp: 16994
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.7 118.1
 167 13.9 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.640 ng/ul
 RT: 17.132 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM037572.D
 Acq: 18 Nov 2022 20:22

Tgt Ion:266 Resp: 3717
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.2 75.2
 268 63.5 52.0 78.0

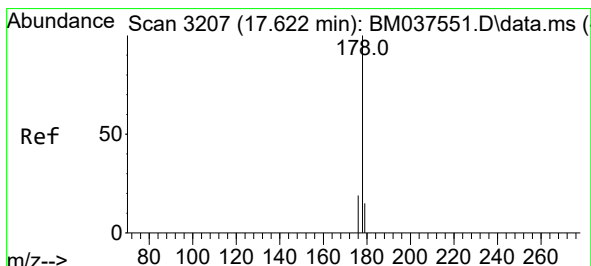
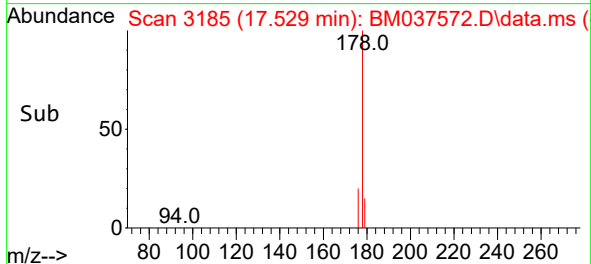
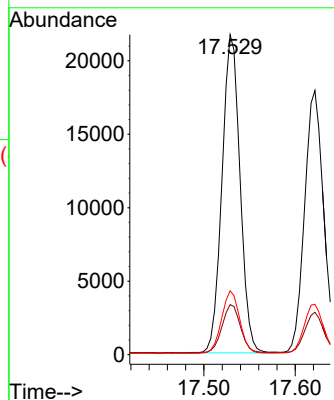
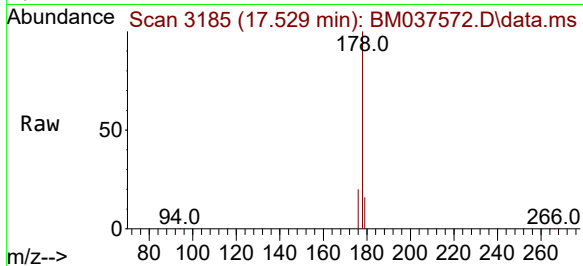




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.529 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

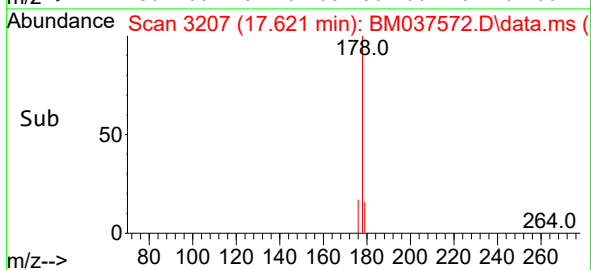
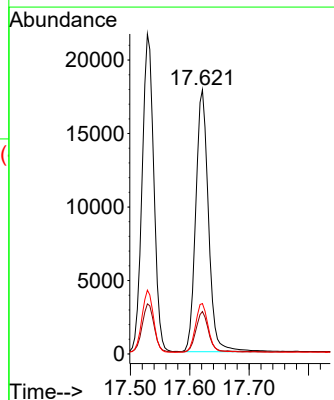
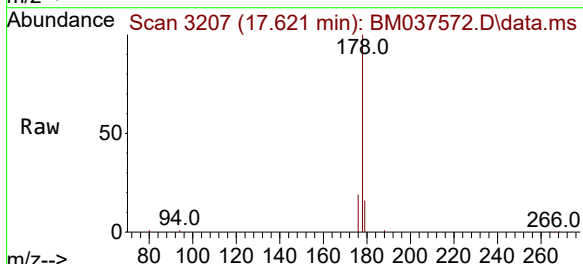
Instrument :
BNA_M
ClientSampleId :

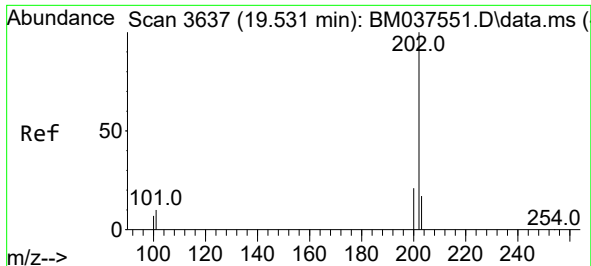
Tgt Ion:178 Resp: 29614
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.621 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Tgt Ion:178 Resp: 26528
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.1 15.0 22.6

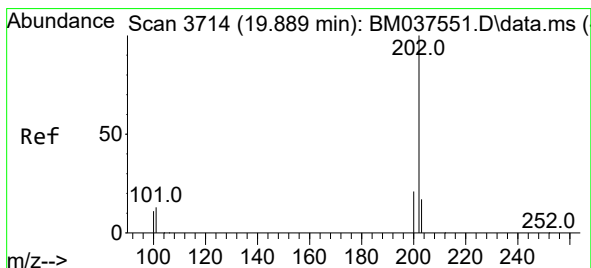
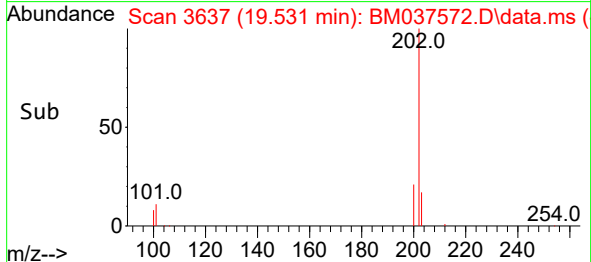
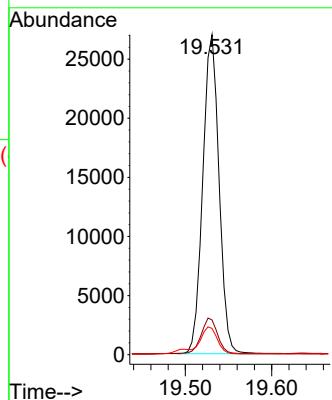
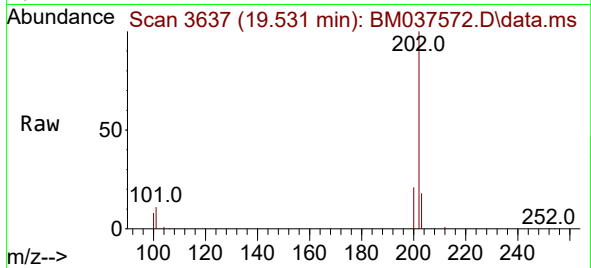




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.531 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

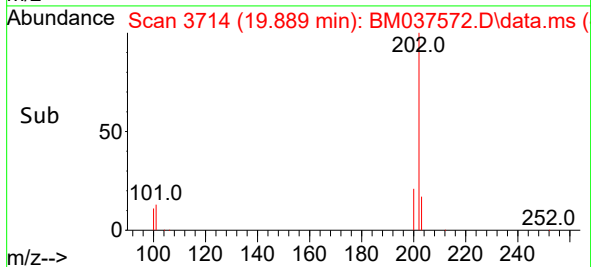
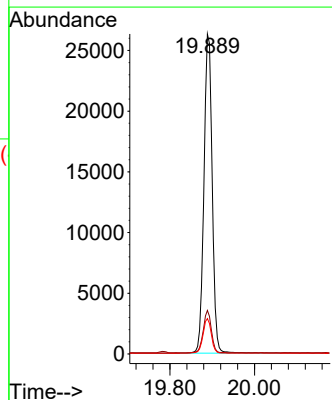
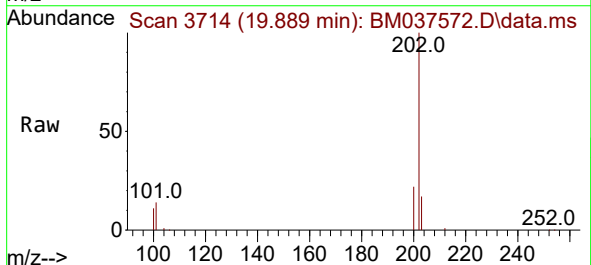
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ClientSampleId :

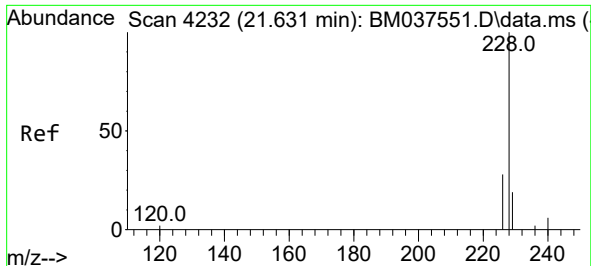
Tgt Ion:202 Resp: 35341
Ion Ratio Lower Upper
202 100
101 10.9 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.889 min Scan# 3714
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

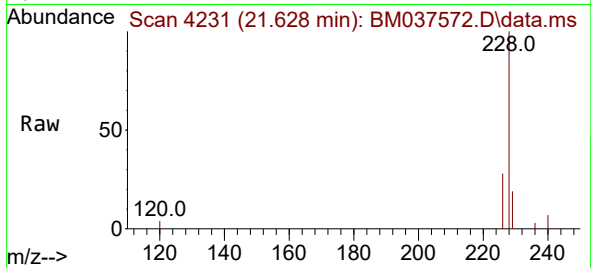
Tgt Ion:202 Resp: 35576
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 11.0 8.0 12.0



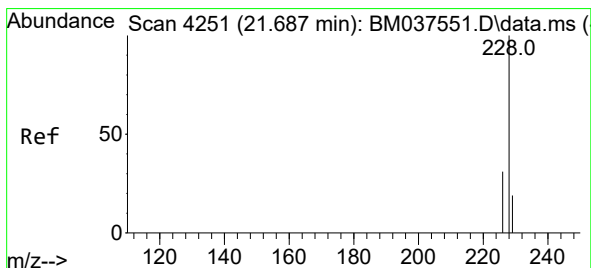
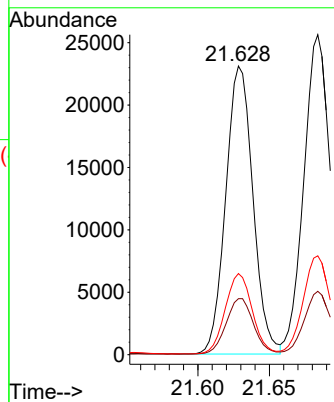
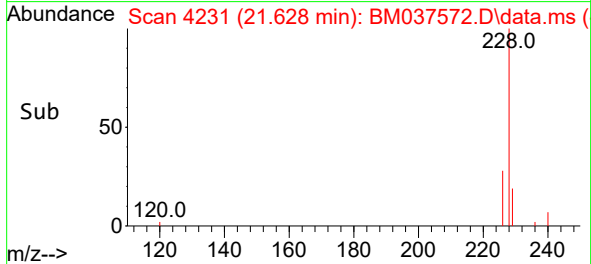


#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.628 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Instrument :
BNA_M
ClientSampleId :

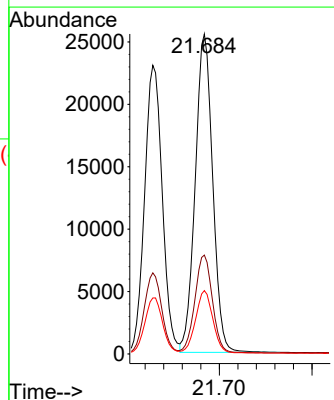
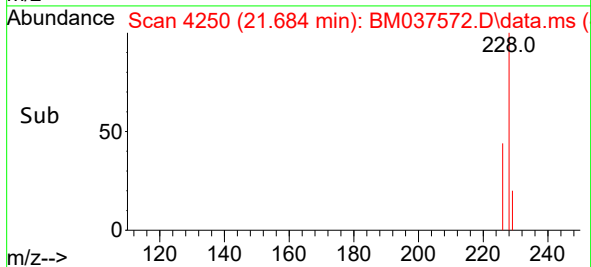
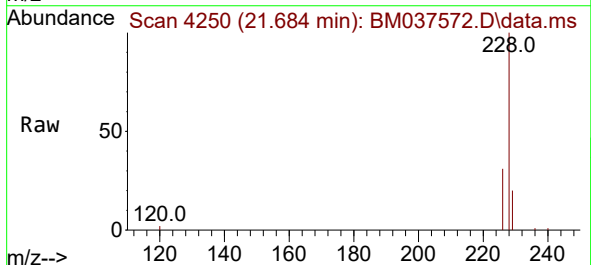


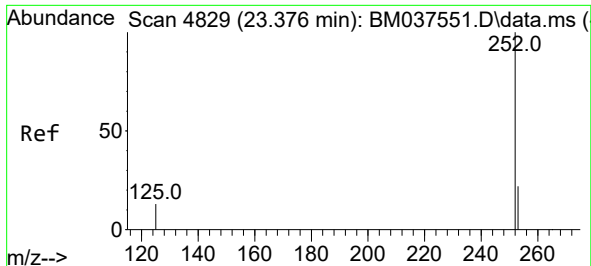
Tgt Ion:228 Resp: 30545
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.684 min Scan# 4250
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

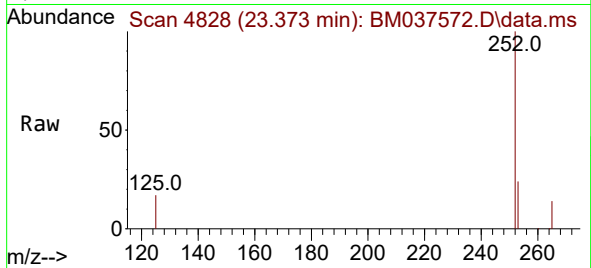
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Ion Ratio Lower Upper
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226 30.9 24.6 37.0
229 19.8 15.5 23.3



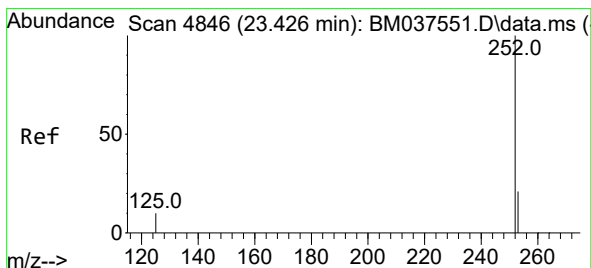
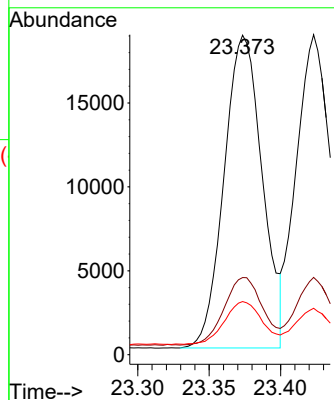


#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.373 min Scan# 4828
Delta R.T. -0.000 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Instrument :
BNA_M
ClientSampleId :

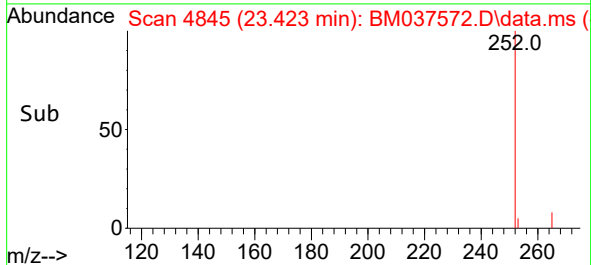
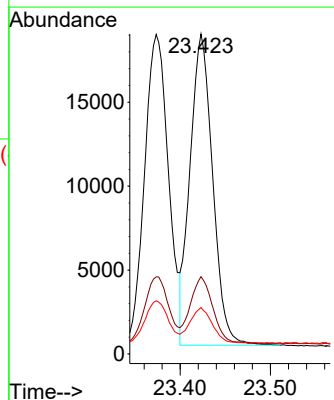
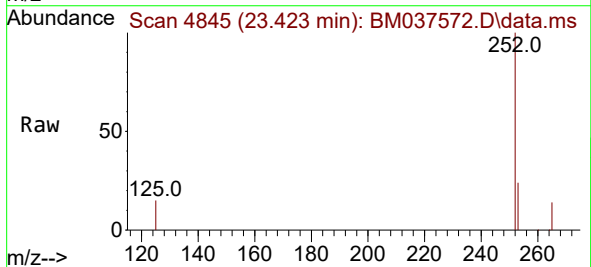


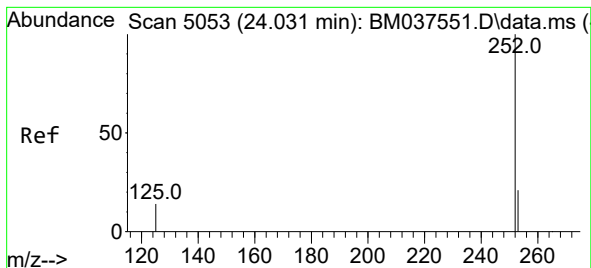
Tgt Ion:252 Resp: 34643
Ion Ratio Lower Upper
252 100
253 24.1 0.0 46.2
125 16.6 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.003 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Tgt Ion:252 Resp: 32290
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 14.5 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 24.028 min Scan# 5053

Delta R.T. -0.000 min

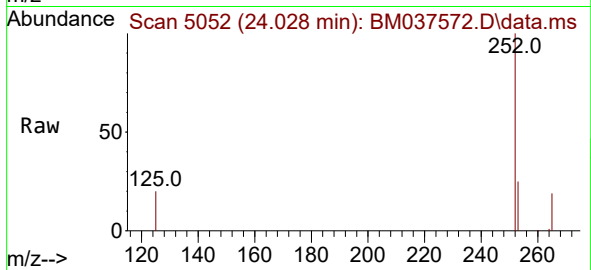
Lab File: BM037572.D

Acq: 18 Nov 2022 20:22

Instrument :

BNA_M

ClientSampleId :



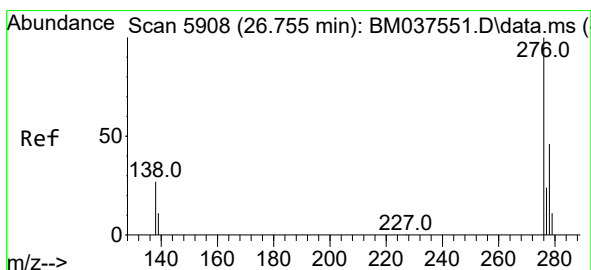
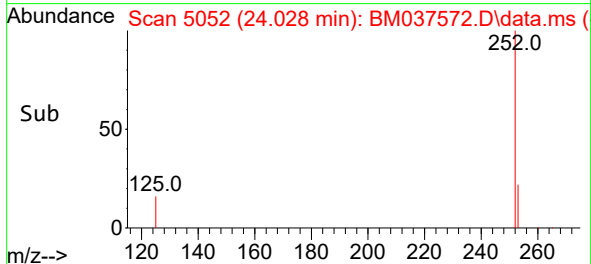
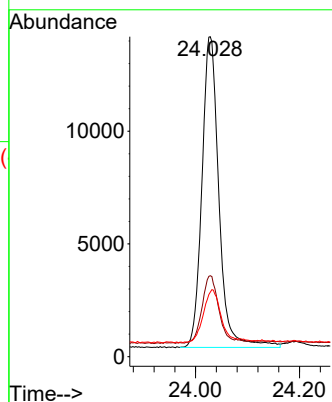
Tgt Ion:252 Resp: 31290

Ion Ratio Lower Upper

252 100

253 25.3 18.8 28.2

125 20.2 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

RT: 26.755 min Scan# 5908

Delta R.T. -0.000 min

Lab File: BM037572.D

Acq: 18 Nov 2022 20:22

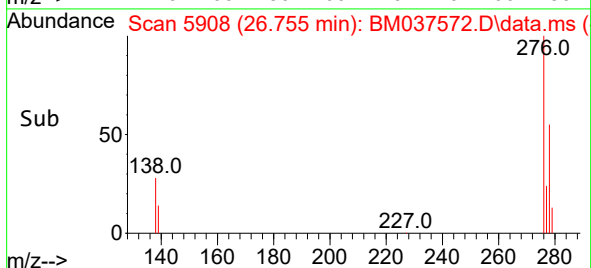
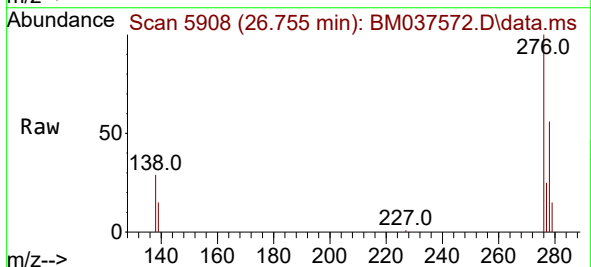
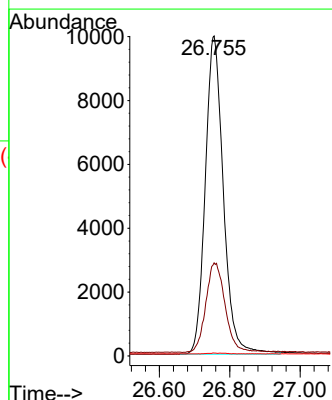
Tgt Ion:276 Resp: 35622

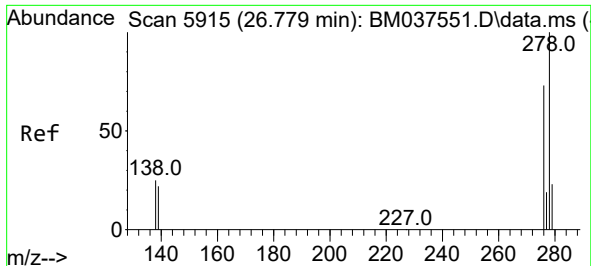
Ion Ratio Lower Upper

276 100

138 30.2 21.2 31.8

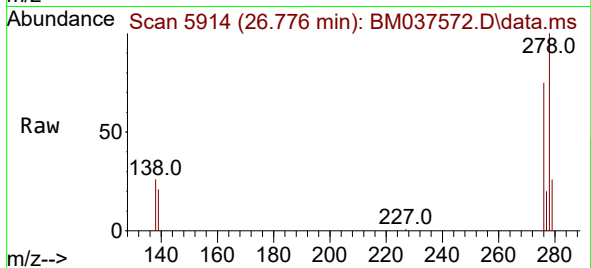
227 0.0 0.1 0.1#



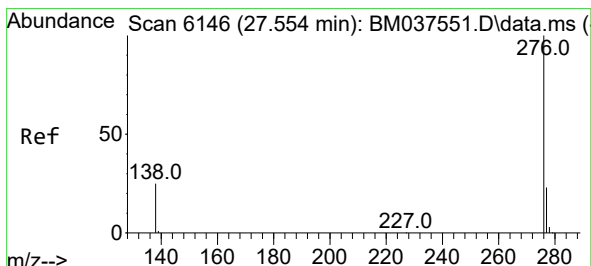
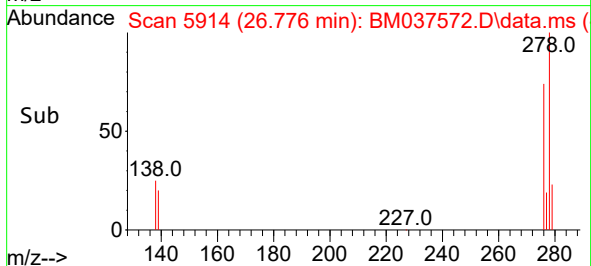
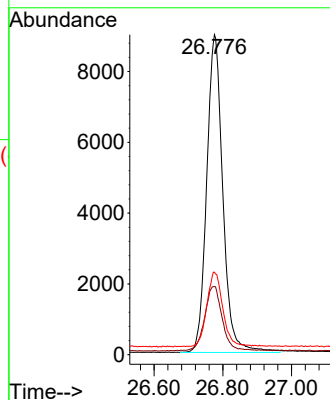


#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.776 min Scan# 5915
Delta R.T. -0.003 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 29266
Ion Ratio Lower Upper
278 100
139 21.3 15.2 22.8
279 25.8 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 27.557 min Scan# 6147
Delta R.T. -0.003 min
Lab File: BM037572.D
Acq: 18 Nov 2022 20:22

Tgt Ion:276 Resp: 29321
Ion Ratio Lower Upper
276 100
138 25.6 19.0 28.4
277 24.0 19.4 29.2

