

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
 Data File : BM037516.D
 Acq On : 16 Nov 2022 21:19
 Operator : CG/JU
 Sample : SP6060
 Misc : SFAM SURROGATE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6060

Quant Time: Nov 17 01:22:23 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 : Thu Nov 17 00:46:50 2022
 Response via : Initial Calibration

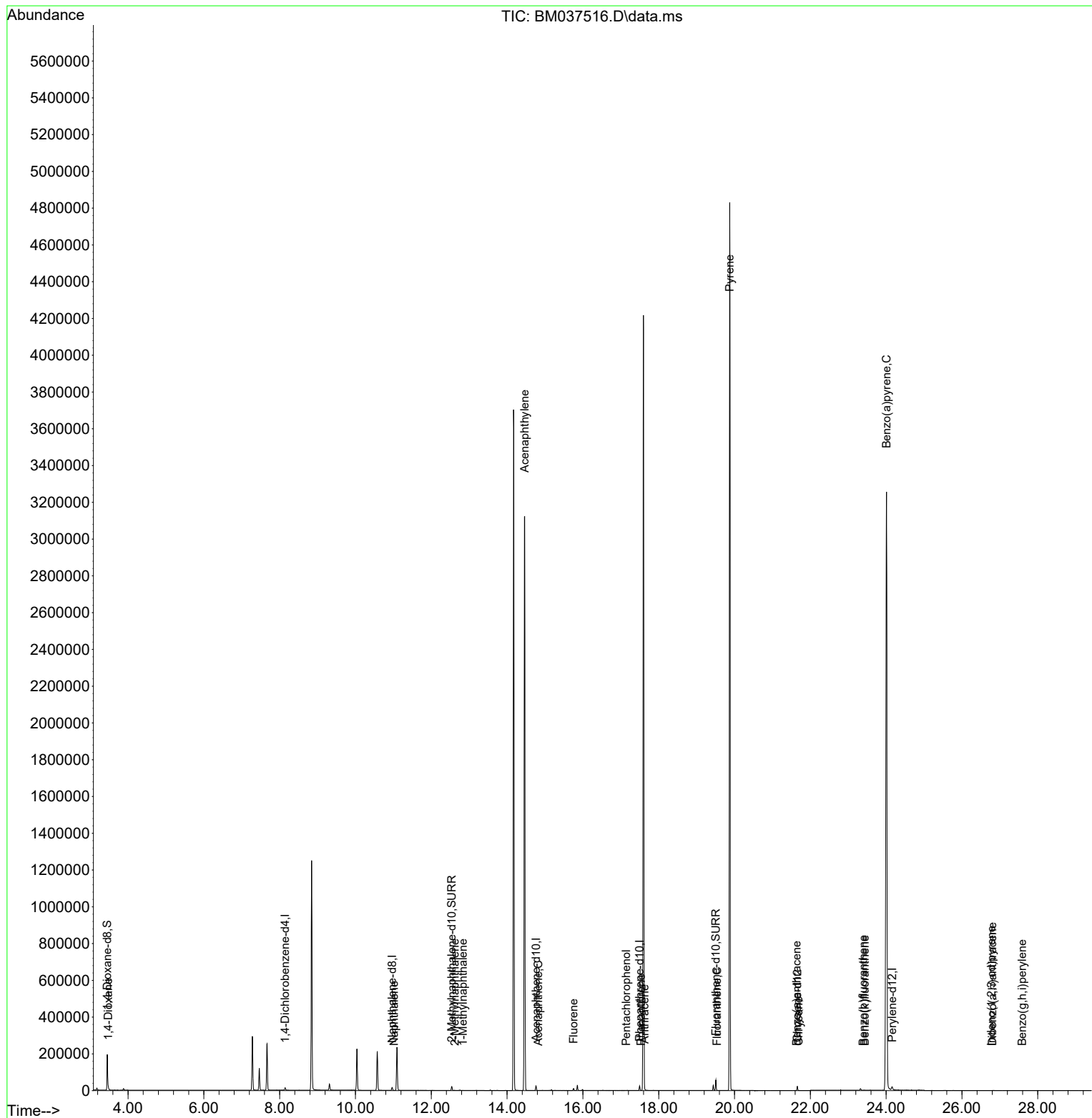
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	6520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	20215	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	13692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.495	188	28386	0.400	ng/ul	0.00
17) Chrysene-d12	21.657	240	20631	0.400	ng/ul	0.00
23) Perylene-d12	24.157	264	25401	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	116802	15.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	25667	0.766	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	56198	0.824	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.474	88	15	0.002	ng/ul#	7
5) Naphthalene	11.018	128	132	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.618	142	54	0.001	ng/ul#	42
8) 1-Methylnaphthalene	12.833	142	41	0.001	ng/ul#	61
10) Acenaphthylene	14.464	152	486	0.006	ng/ul#	1
11) Acenaphthene	14.825	153	58	0.001	ng/ul#	67
12) Fluorene	15.755	166	9689	0.152	ng/ul#	13
14) Pentachlorophenol	17.140	266	68	0.011	ng/ul#	87
15) Phenanthrene	17.537	178	422	0.004	ng/ul#	31
16) Anthracene	17.630	178	1414	0.015	ng/ul#	75
19) Fluoranthene	19.540	202	220	0.002	ng/ul#	2
20) Pyrene	19.875	202	9362	0.090	ng/ul#	1
21) Benzo(a)anthracene	21.640	228	263	0.003	ng/ul#	49
22) Chrysene	21.693	228	257	0.003	ng/ul#	58
24) Benzo(b)fluoranthene	23.391	252	258	0.002	ng/ul#	1
25) Benzo(k)fluoranthene	23.441	252	288	0.002	ng/ul#	1
26) Benzo(a)pyrene	24.008	252	22426	0.223	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.778	276	258	0.002	ng/ul#	61
28) Dibenzo(a,h)anthracene	26.802	278	222	0.002	ng/ul#	1
29) Benzo(g,h,i)perylene	27.587	276	255	0.002	ng/ul#	1

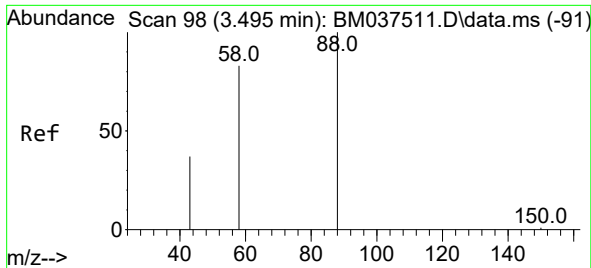
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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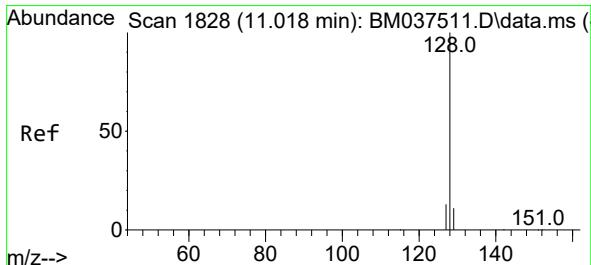
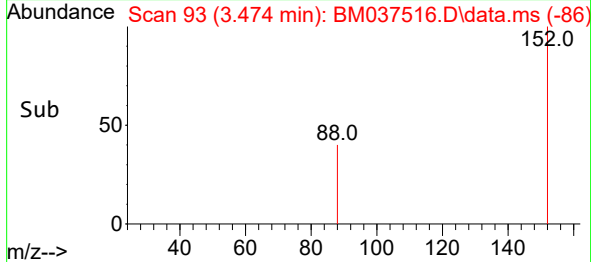
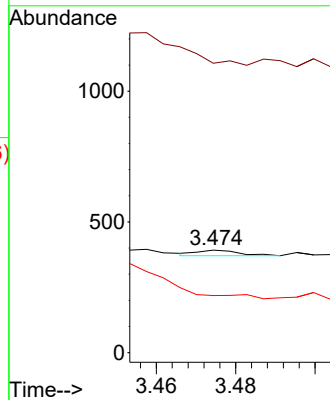
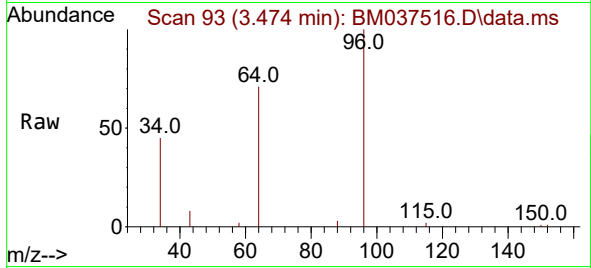




#2
1,4-Dioxane
Concen: 0.002 ng/ul
RT: 3.474 min Scan# 91
Delta R.T. -0.021 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

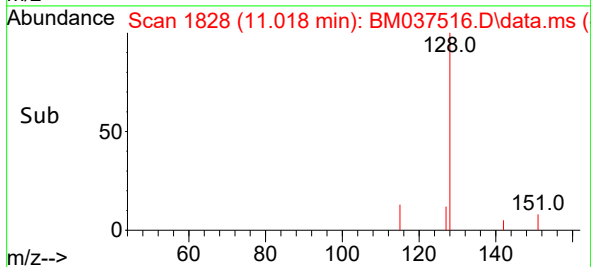
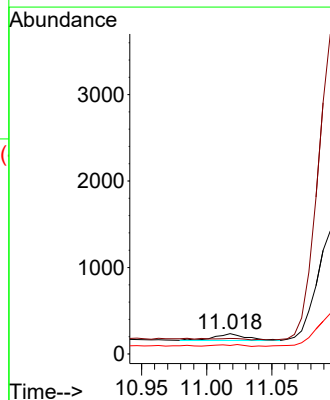
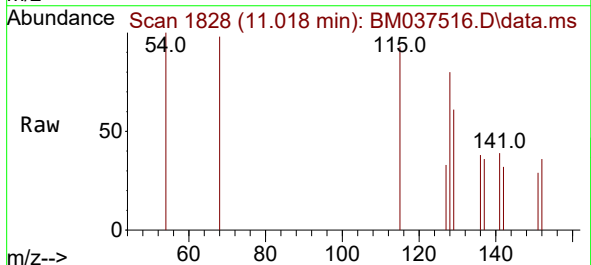
Instrument :
BNA_M
ClientSampleId :
SP6060

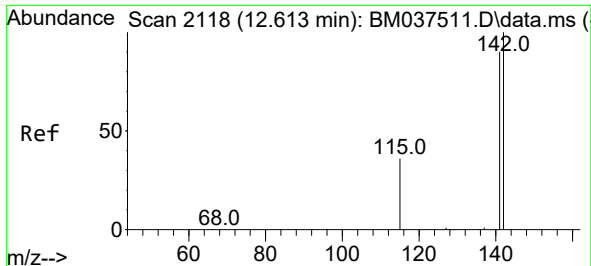
Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
43 282.4 102.8 154.2#
58 55.6 67.3 100.9#



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:128 Resp: 132
Ion Ratio Lower Upper
128 100
129 76.2 9.8 14.8#
127 41.7 11.0 16.4#

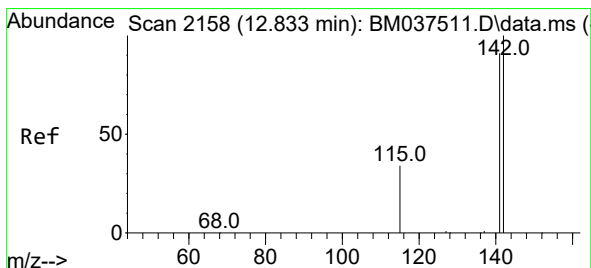
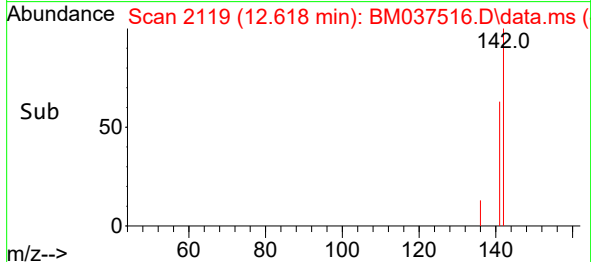
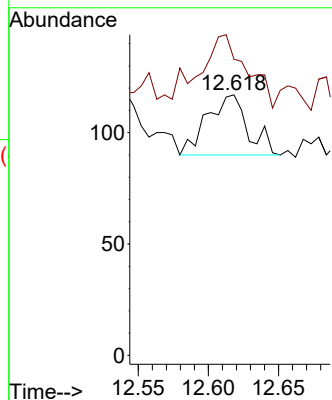
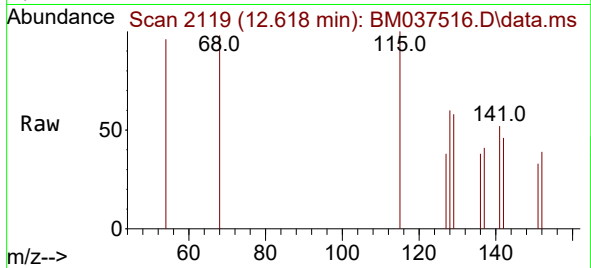




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

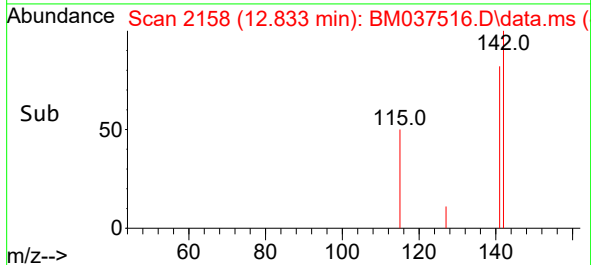
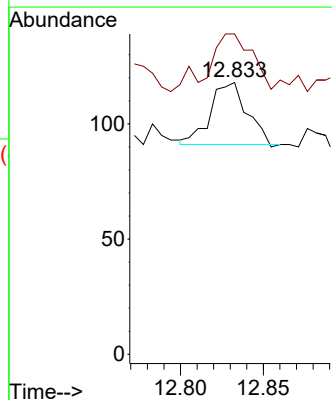
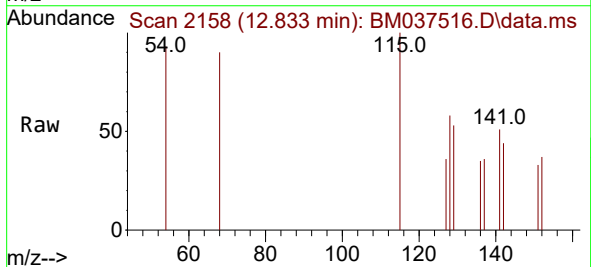
Instrument :
BNA_M
ClientSampleId :
SP6060

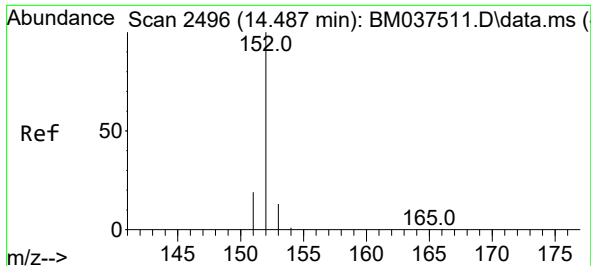
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
141 142.6 71.0 106.4#



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 129.3 73.4 110.0#

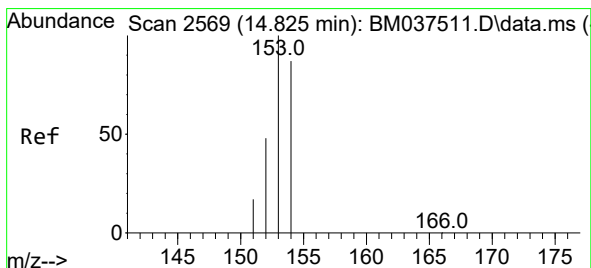
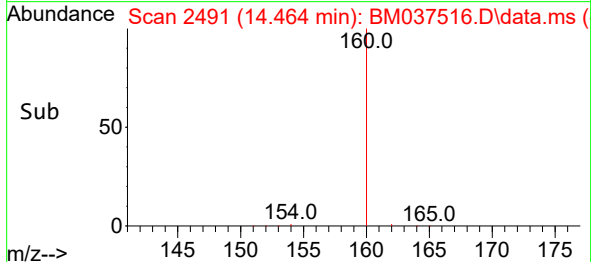
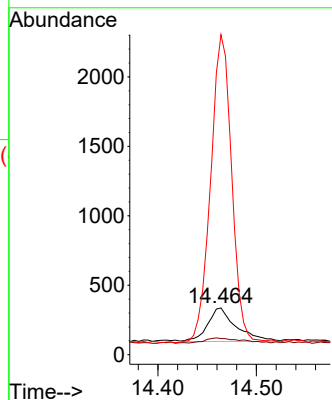
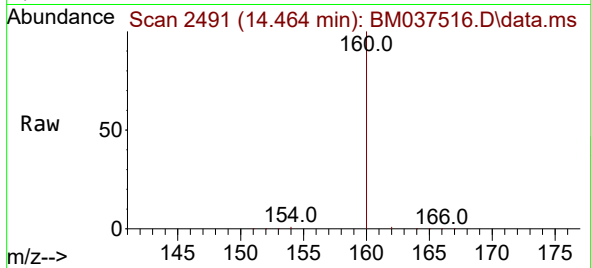




#10
Acenaphthylene
Concen: 0.006 ng/ul
RT: 14.464 min Scan# 2496
Delta R.T. -0.023 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

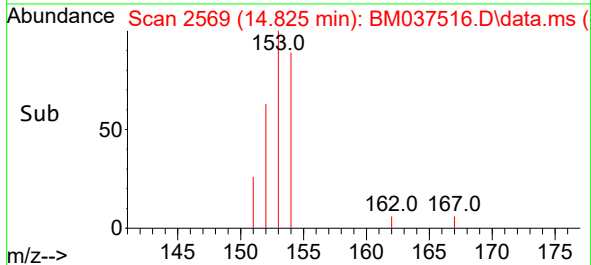
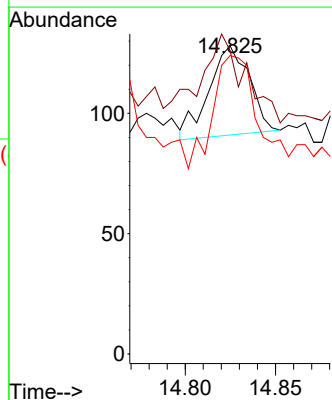
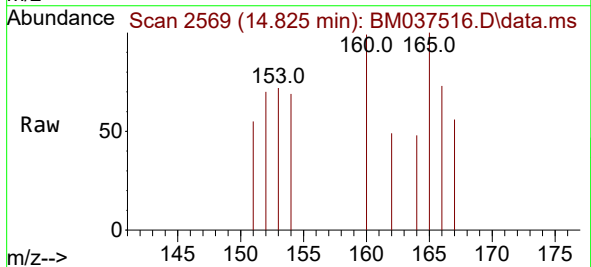
Instrument :
BNA_M
ClientSampleId :
SP6060

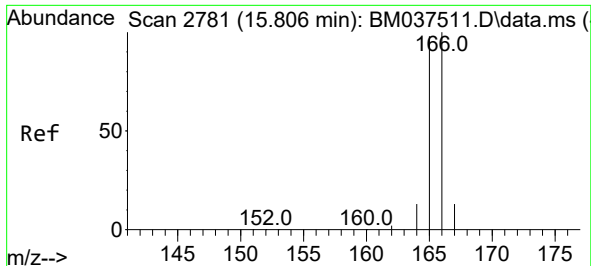
Tgt Ion:152 Resp: 486
Ion Ratio Lower Upper
152 100
151 34.4 15.9 23.9#
153 683.7 11.0 16.4#



#11
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:153 Resp: 58
Ion Ratio Lower Upper
153 100
152 98.4 39.4 59.0#
154 96.9 69.5 104.3

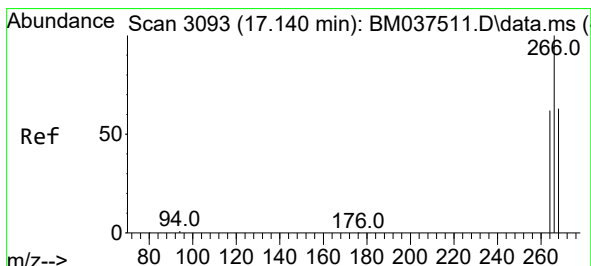
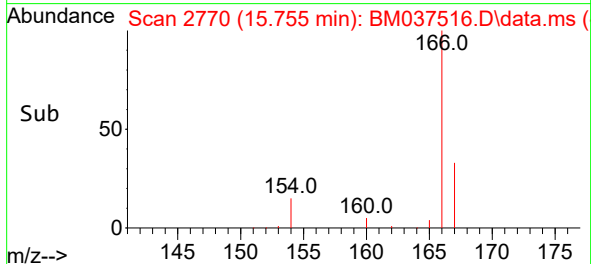
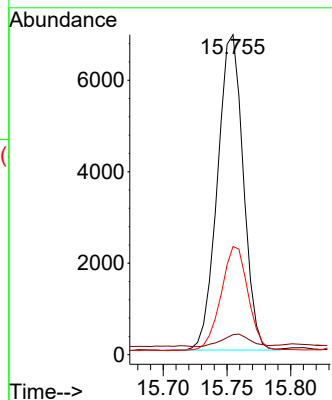
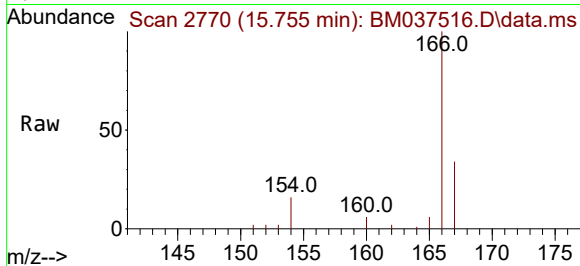




#12
Fluorene
Concen: 0.152 ng/ul
RT: 15.755 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

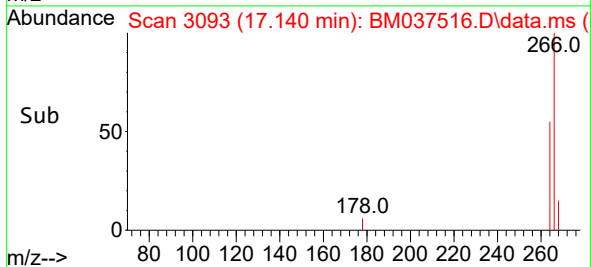
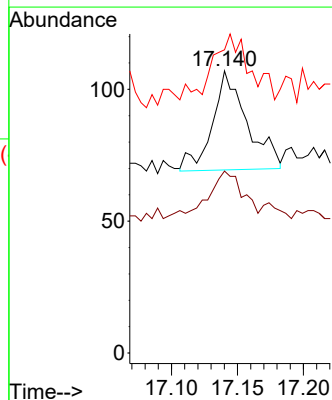
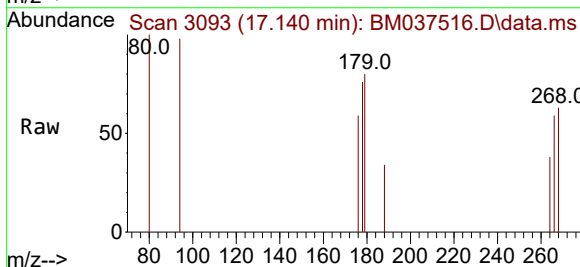
Instrument :
BNA_M
ClientSampleId :
SP6060

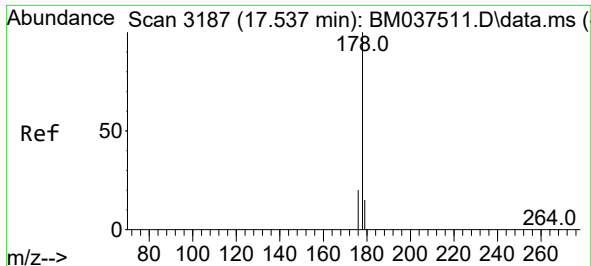
Tgt Ion:166 Resp: 9689
Ion Ratio Lower Upper
166 100
165 6.3 78.7 118.1#
167 33.8 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.011 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 42.6 50.2 75.2#
268 64.7 52.0 78.0

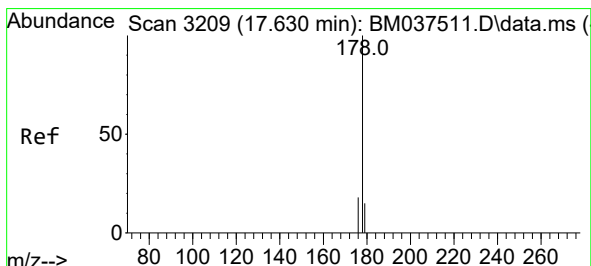
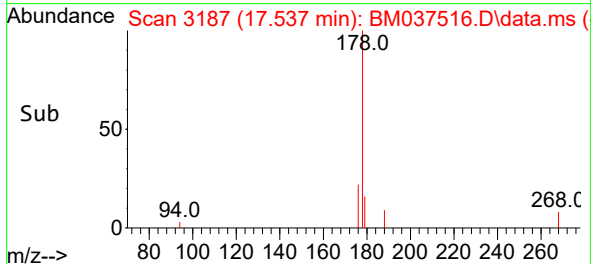
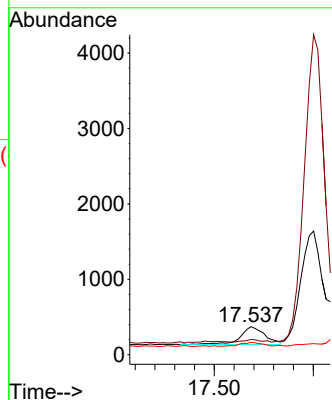
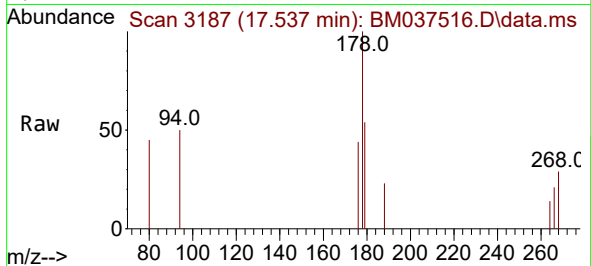




#15
Phenanthrene
Concen: 0.004 ng/u1
RT: 17.537 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

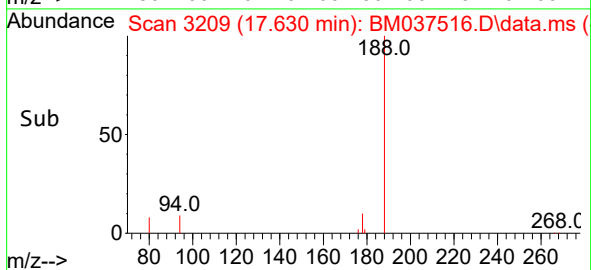
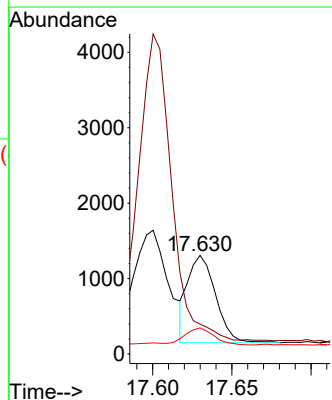
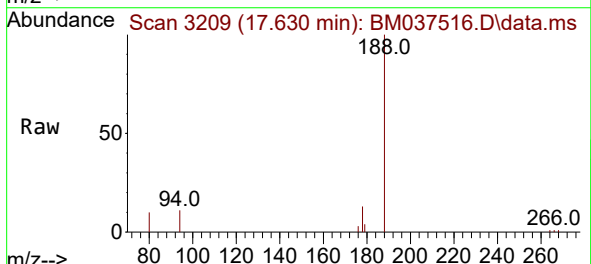
Instrument :
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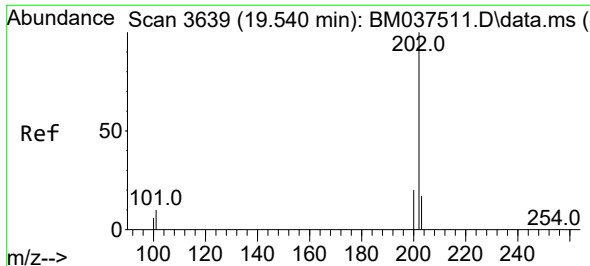
Tgt Ion:178 Resp: 422
Ion Ratio Lower Upper
178 100
179 54.0 12.6 18.8#
176 43.8 16.0 24.0#



#16
Anthracene
Concen: 0.015 ng/u1
RT: 17.630 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:178 Resp: 1414
Ion Ratio Lower Upper
178 100
179 30.1 12.8 19.2#
176 26.5 15.0 22.6#

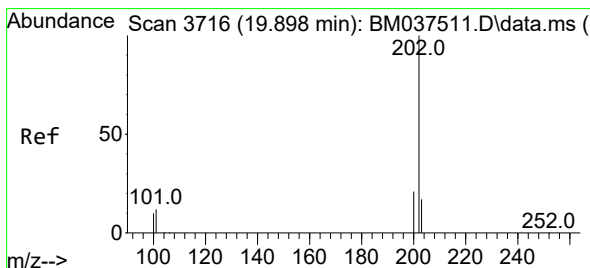
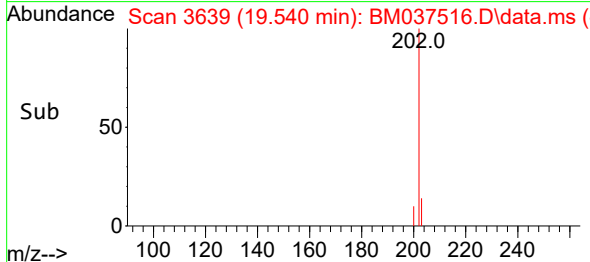
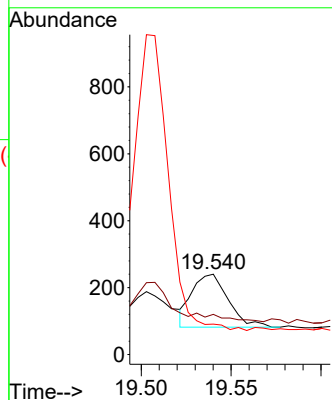
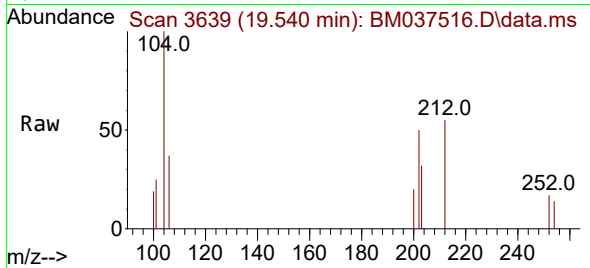




#19
Fluoranthene
Concen: 0.002 ng/ul
RT: 19.540 min Scan# 3639
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

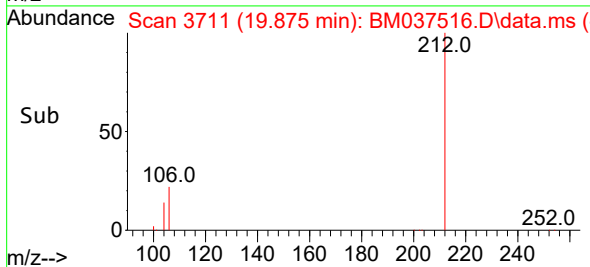
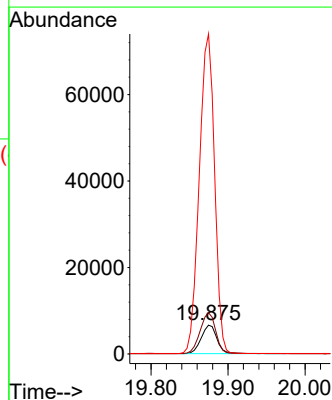
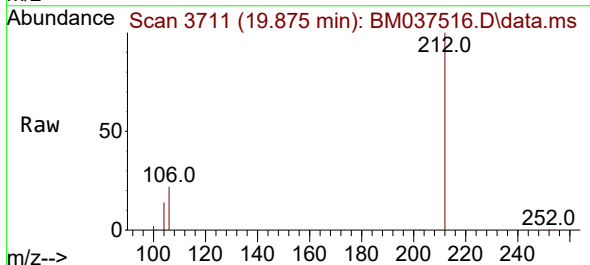
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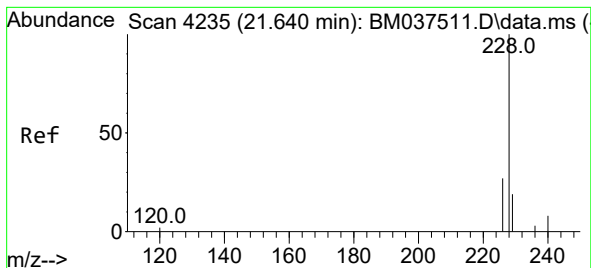
Tgt Ion:202 Resp: 220
Ion Ratio Lower Upper
202 100
101 50.0 8.2 12.2#
100 37.9 6.1 9.1#



#20
Pyrene
Concen: 0.090 ng/ul
RT: 19.875 min Scan# 3711
Delta R.T. -0.023 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:202 Resp: 9362
Ion Ratio Lower Upper
202 100
101 143.1 10.1 15.1#
100 1108.4 8.0 12.0#





#21

Benzo(a)anthracene

Concen: 0.003 ng/ul

RT: 21.640 min Scan# 4235

Delta R.T. -0.000 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

Instrument :

BNA_M

ClientSampleId :

SP6060

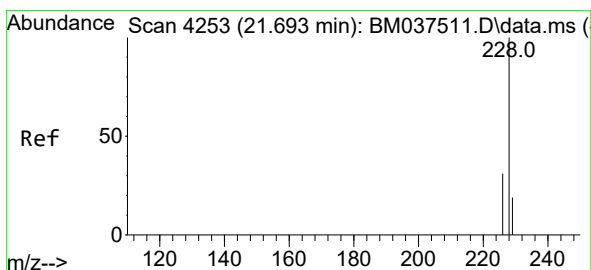
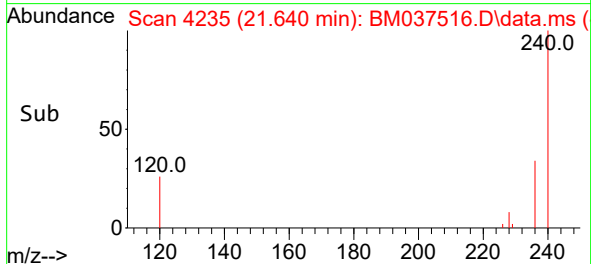
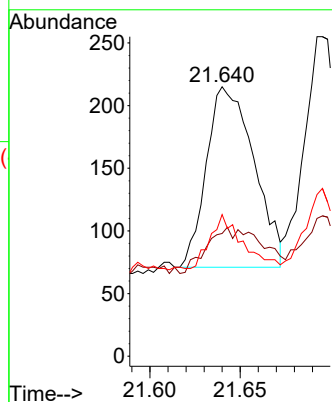
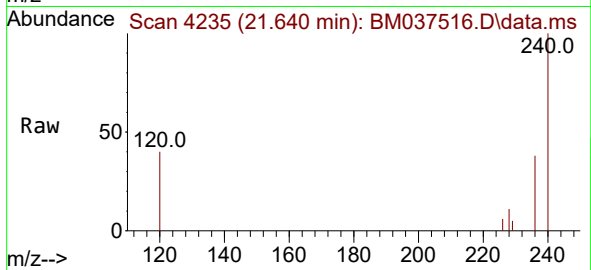
Tgt Ion:228 Resp: 263

Ion Ratio Lower Upper

228 100

229 45.6 15.7 23.5#

226 52.6 22.2 33.2#



#22

Chrysene

Concen: 0.003 ng/ul

RT: 21.693 min Scan# 4253

Delta R.T. -0.000 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

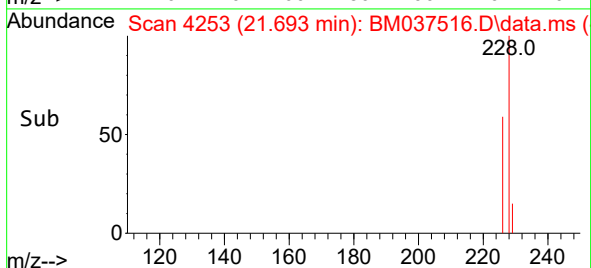
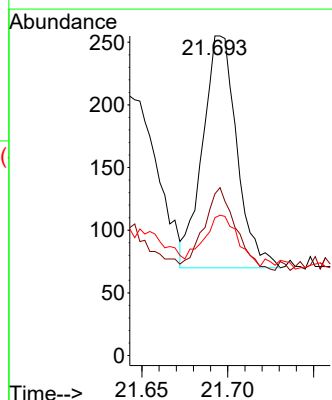
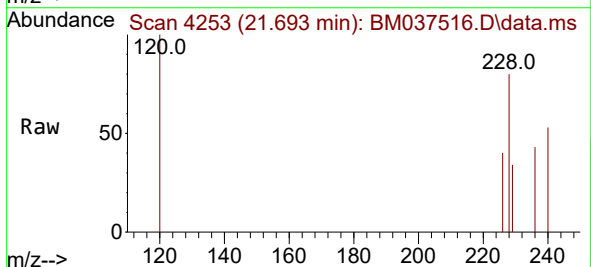
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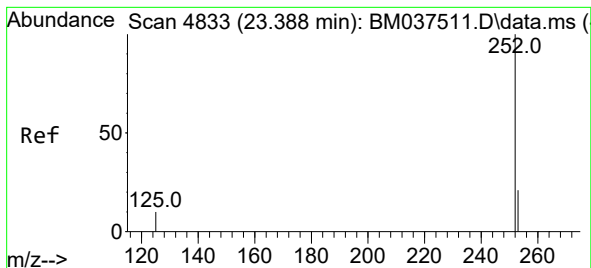
Ion Ratio Lower Upper

228 100

226 50.6 24.6 37.0#

229 43.1 15.5 23.3#





#24

Benzo(b)fluoranthene

Concen: 0.002 ng/ul

RT: 23.391 min Scan# 4833

Delta R.T. 0.003 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

Instrument :

BNA_M

ClientSampleId :

SP6060

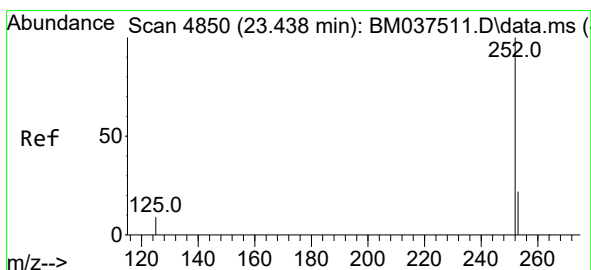
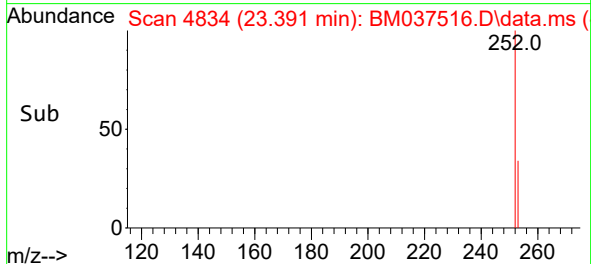
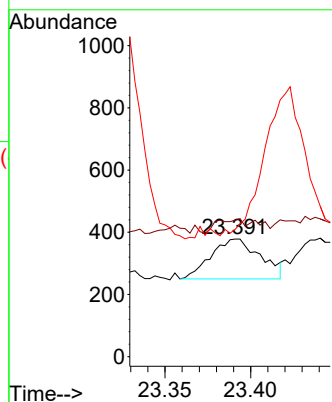
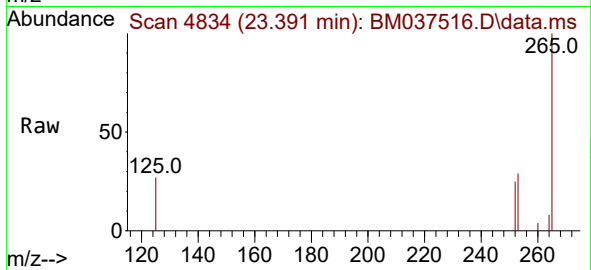
Tgt Ion:252 Resp: 258

Ion Ratio Lower Upper

252 100

253 116.1 0.0 46.2#

125 108.2 0.0 23.4#



#25

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 23.441 min Scan# 4851

Delta R.T. 0.003 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

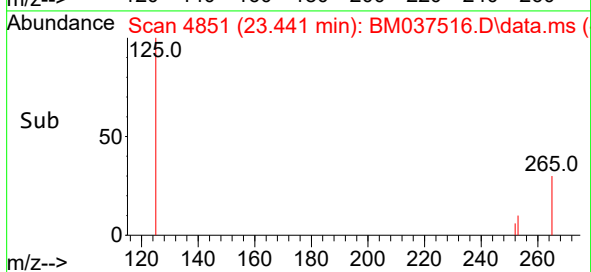
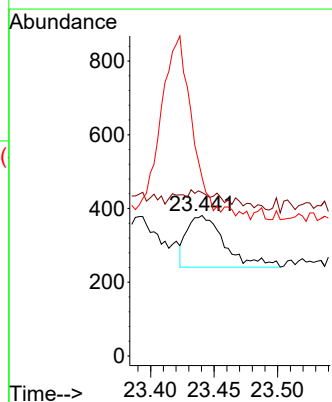
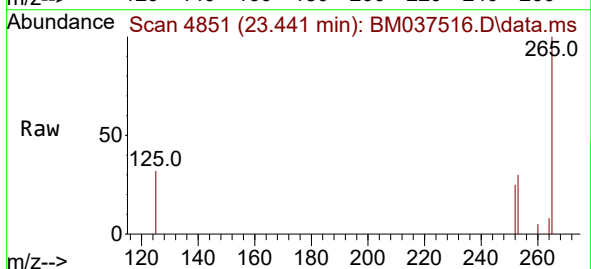
Tgt Ion:252 Resp: 288

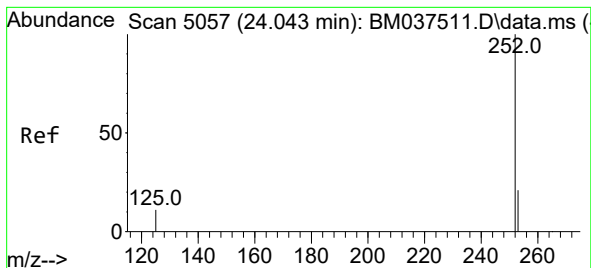
Ion Ratio Lower Upper

252 100

253 116.3 18.8 28.2#

125 127.0 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.223 ng/ul

RT: 24.008 min Scan# 5057

Delta R.T. -0.035 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

Instrument :

BNA_M

ClientSampleId :

SP6060

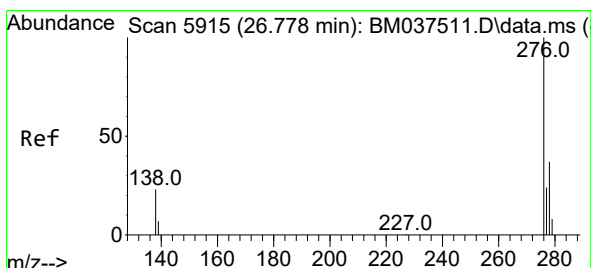
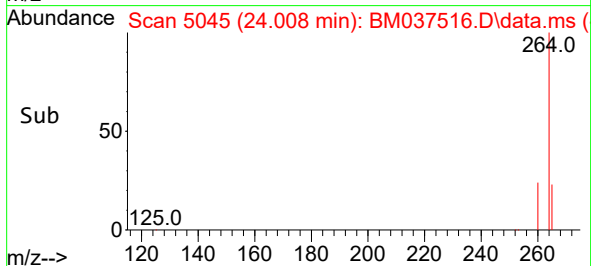
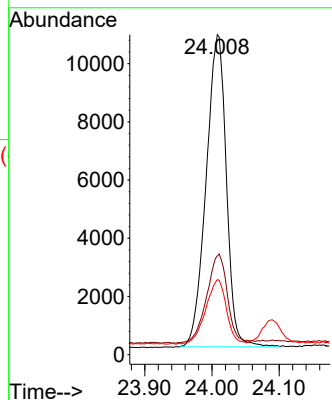
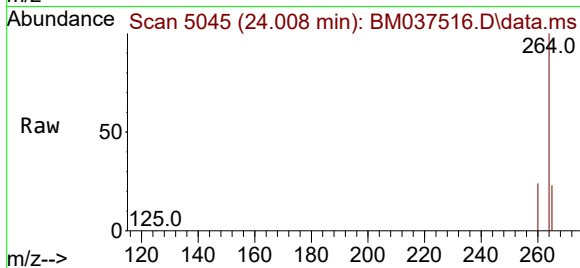
Tgt Ion:252 Resp: 22426

Ion Ratio Lower Upper

252 100

253 30.9 18.8 28.2#

125 23.4 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng/ul

RT: 26.778 min Scan# 5915

Delta R.T. -0.000 min

Lab File: BM037516.D

Acq: 16 Nov 2022 21:19

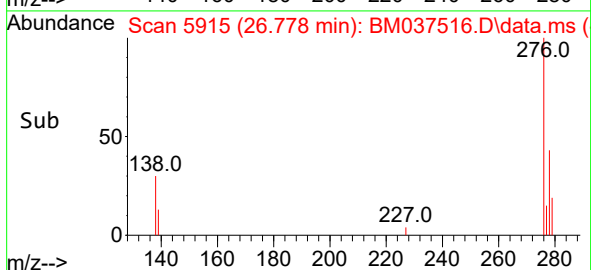
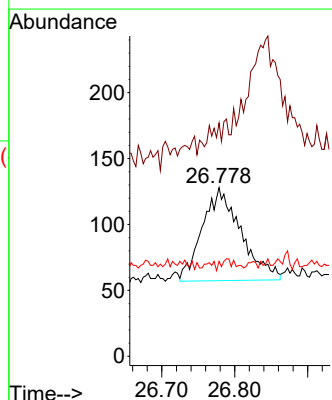
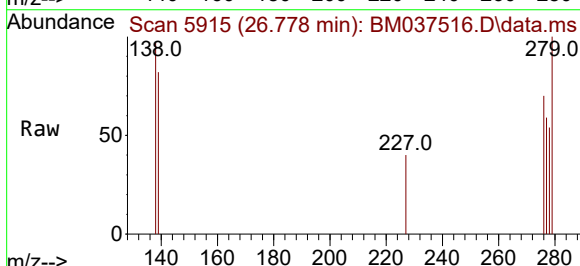
Tgt Ion:276 Resp: 258

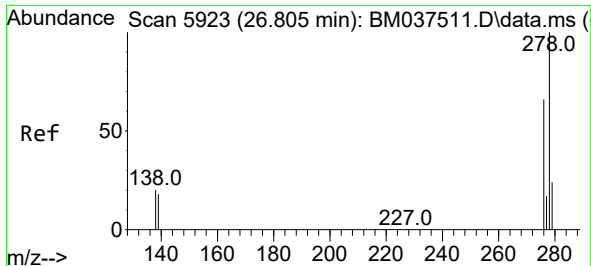
Ion Ratio Lower Upper

276 100

138 6.2 21.2 31.8#

227 1.9 0.1 0.1#

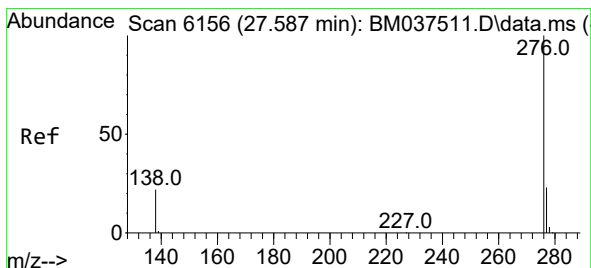
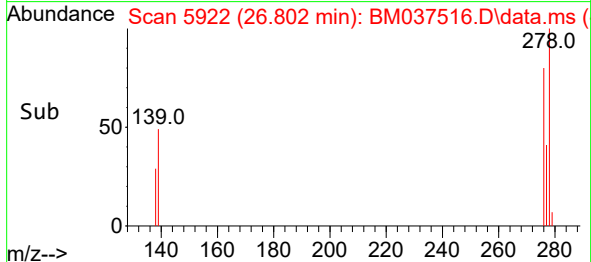
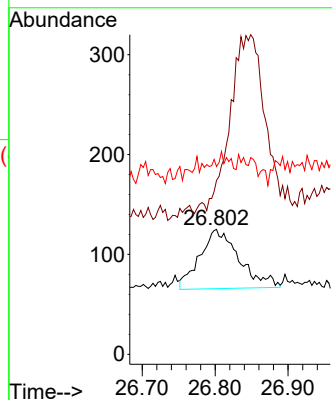
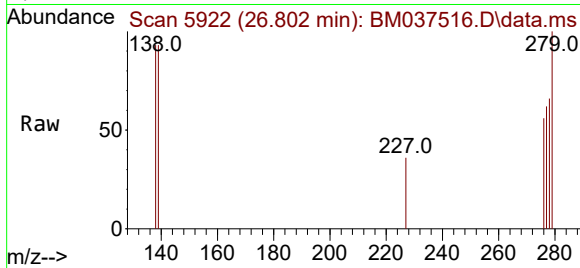




#28
Dibenzo(a,h)anthracene
Concen: 0.002 ng/ul
RT: 26.802 min Scan# 5923
Delta R.T. -0.003 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Instrument :
BNA_M
ClientSampleId :
SP6060

Tgt Ion:278 Resp: 222
Ion Ratio Lower Upper
278 100
139 139.2 15.2 22.8#
279 150.4 20.2 30.2#



#29
Benzo(g,h,i)perylene
Concen: 0.002 ng/ul
RT: 27.587 min Scan# 6156
Delta R.T. -0.000 min
Lab File: BM037516.D
Acq: 16 Nov 2022 21:19

Tgt Ion:276 Resp: 255
Ion Ratio Lower Upper
276 100
138 139.5 19.0 28.4#
277 91.1 19.4 29.2#

