

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036562.D
 Acq On : 16 Sep 2022 14:46
 Operator : CG/JU
 Sample : N4601-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5755

Quant Time: Sep 16 22:59:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

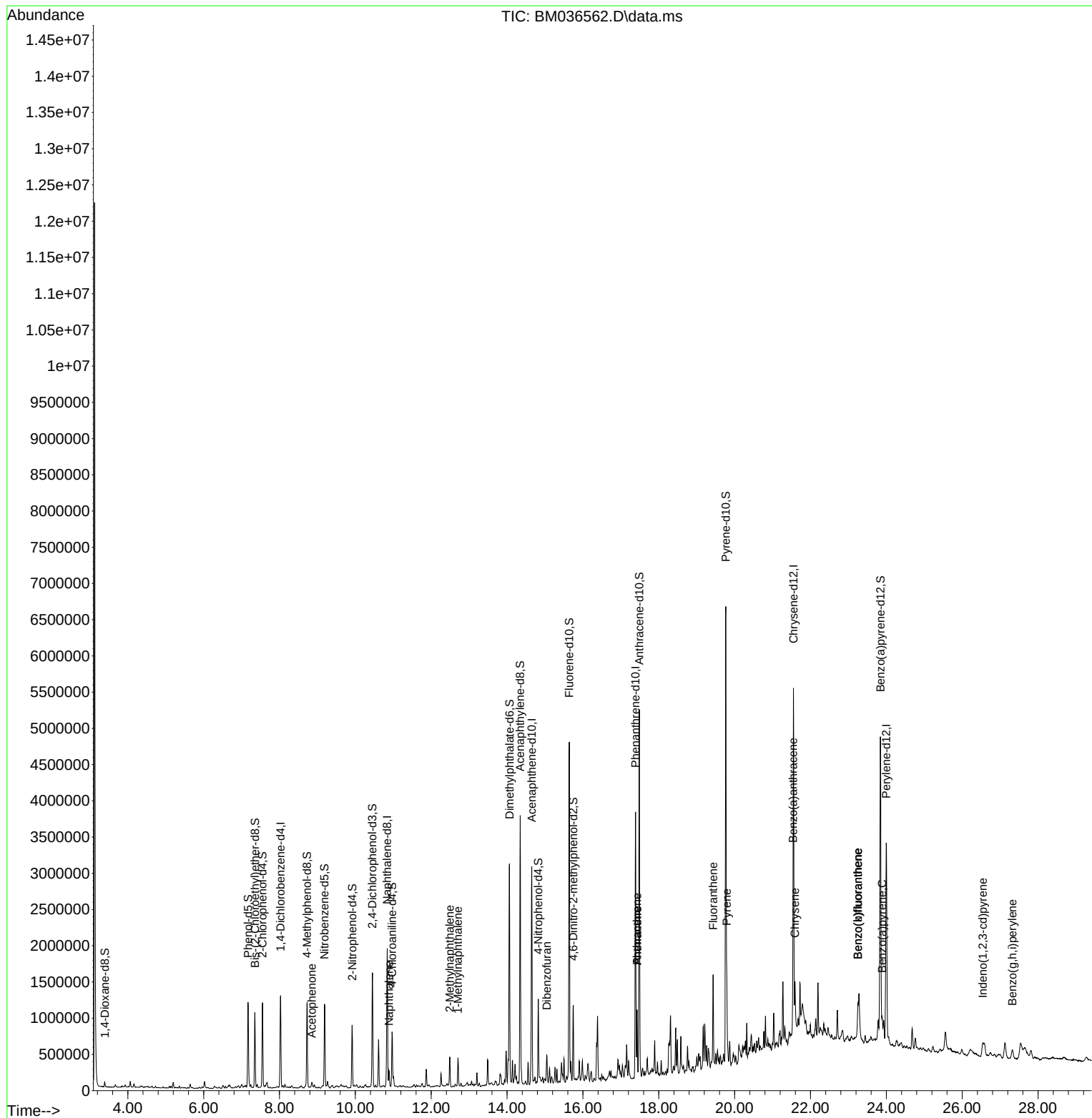
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	338564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1527161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	997684	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2060465	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2038556	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	2049928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33281	3.685	ng/uL	0.00
4) Pyridine-d5	3.846	84	7546	0.286	ng/ul	0.03
7) Phenol-d5	7.169	99	652171	21.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	427323	23.257	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	529603	24.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	437525	19.571	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	272298	26.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	271264	29.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	547654	25.523	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	409297	11.473	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1978512	29.404	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2307813	28.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	244925	18.767	ng/ul	0.00
60) Fluorene-d10	15.639	176	1773322	29.408	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	181119	22.217	ng/ul	0.00
73) Anthracene-d10	17.486	188	2689931	28.553	ng/ul	0.00
81) Pyrene-d10	19.768	212	3204627	31.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	3024224	30.197	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.851	105	39261	1.012	ng/ul	97
30) Naphthalene	10.886	128	170511	2.050	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	191844	3.461	ng/ul	97
37) 1-Methylnaphthalene	12.704	142	181558	3.258	ng/ul	96
56) Dibenzofuran	15.045	168	99460	1.160	ng/ul	93
72) Phenanthrene	17.427	178	538254	4.743	ng/ul	99
74) Anthracene	17.427	178	539144	4.674	ng/ul	99
80) Fluoranthene	19.433	202	560592	4.562	ng/ul	99
82) Pyrene	19.792	202	498697	3.834	ng/ul	97
85) Benzo(a)anthracene	21.539	228	314446	2.462	ng/ul#	88
87) Chrysene	21.592	228	435602	3.593	ng/ul#	95
90) Benzo(b)fluoranthene	23.250	252	472037	3.631	ng/ul	98
91) Benzo(k)fluoranthene	23.250	252	472037	3.634	ng/ul#	97
93) Benzo(a)pyrene	23.891	252	247372	2.165	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	167518	1.255	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	140852	1.217	ng/ul	97

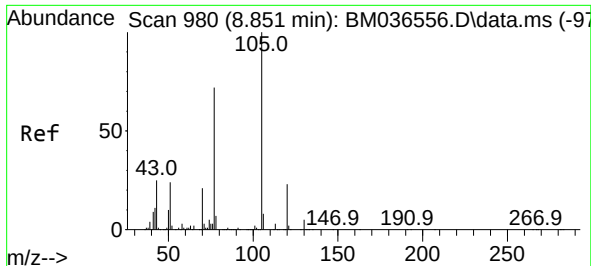
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036562.D
Acq On : 16 Sep 2022 14:46
Operator : CG/JU
Sample : N4601-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5755

Quant Time: Sep 16 22:59:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

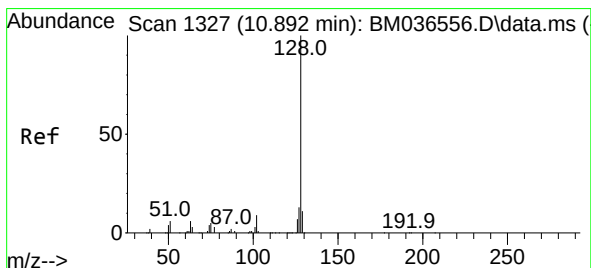
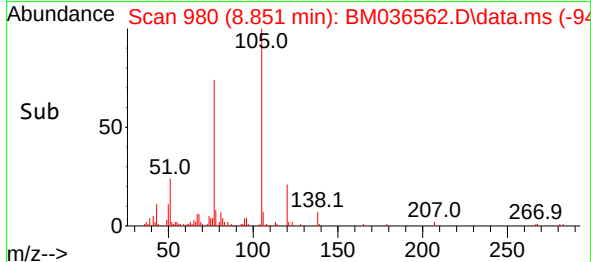
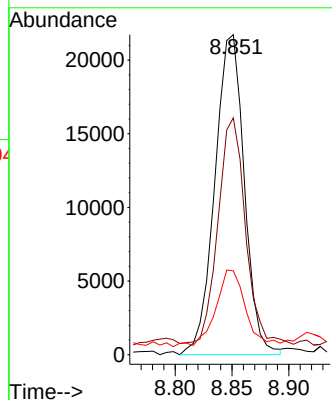
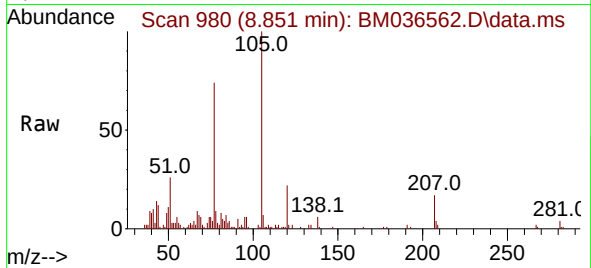




#16
Acetophenone
Concen: 1.012 ng/ul
RT: 8.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

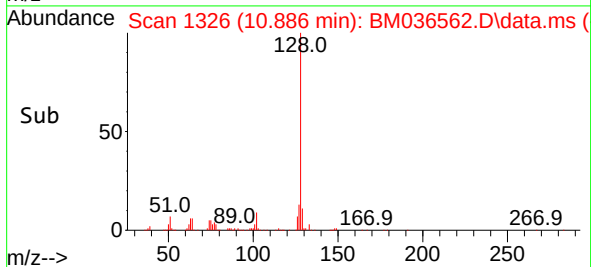
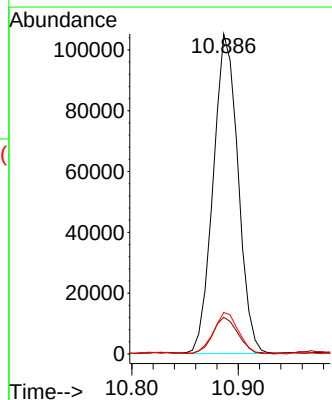
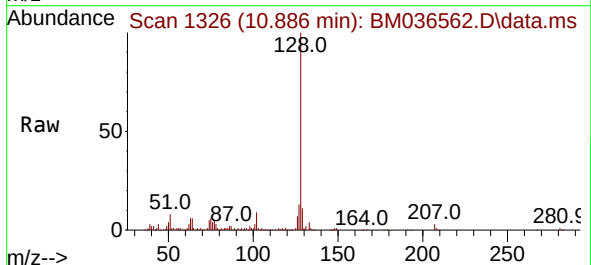
Instrument :
BNA_M
ClientSampleId :
A5755

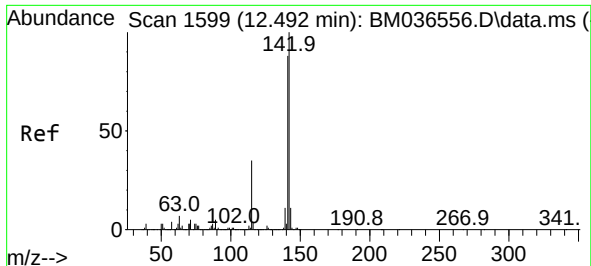
Tgt Ion:105 Resp: 39261
Ion Ratio Lower Upper
105 100
77 74.0 61.6 92.4
51 26.2 20.5 30.7



#30
Naphthalene
Concen: 2.050 ng/ul
RT: 10.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:128 Resp: 170511
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.0 10.3 15.5

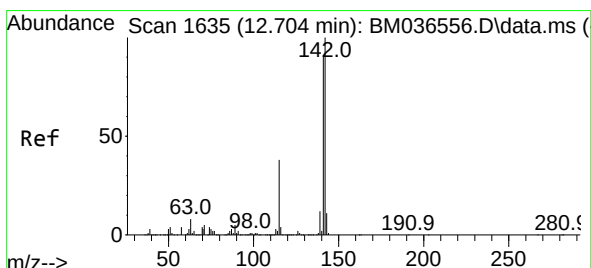
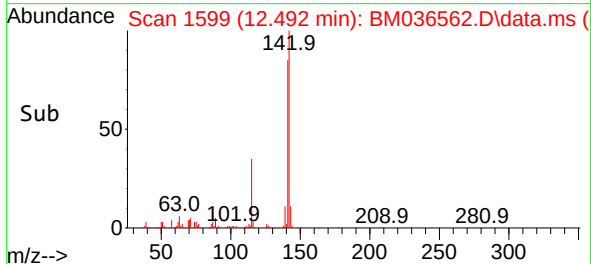
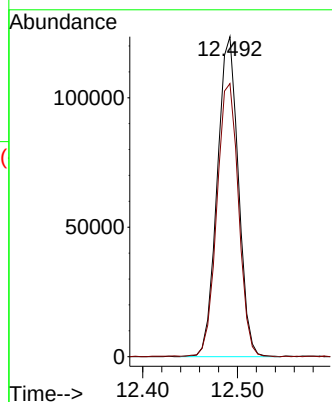
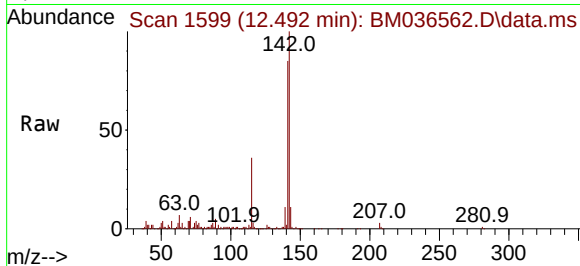




#36
2-Methylnaphthalene
Concen: 3.461 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

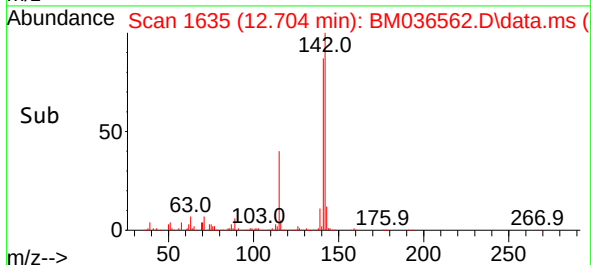
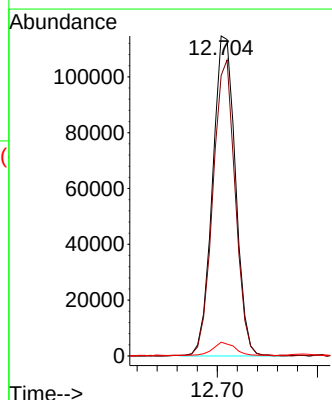
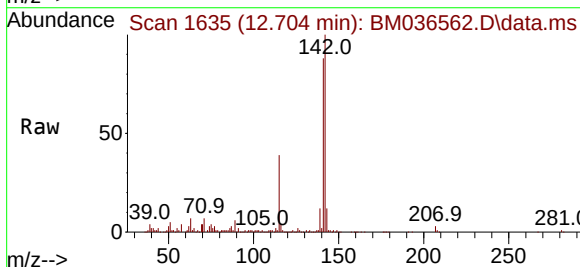
Instrument :
BNA_M
ClientSampleId :
A5755

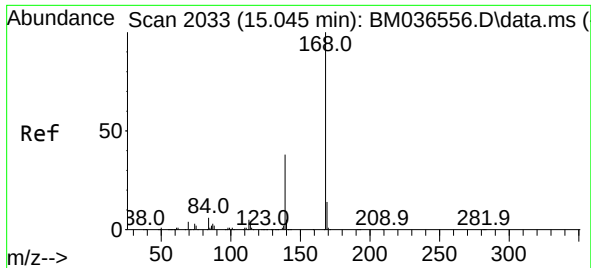
Tgt Ion:142 Resp: 191844
Ion Ratio Lower Upper
142 100
141 85.4 70.7 106.1



#37
1-Methylnaphthalene
Concen: 3.258 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:142 Resp: 181558
Ion Ratio Lower Upper
142 100
141 87.7 73.4 110.2
116 4.3 3.1 4.7

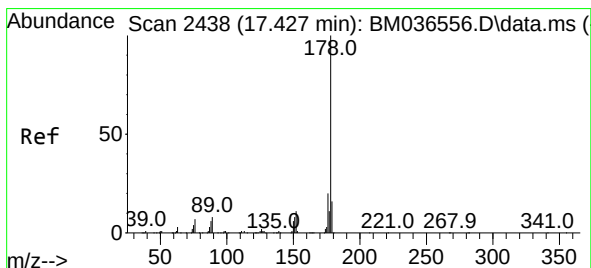
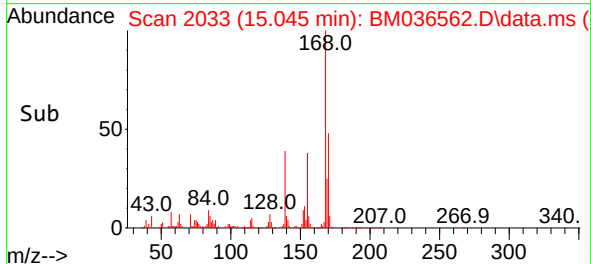
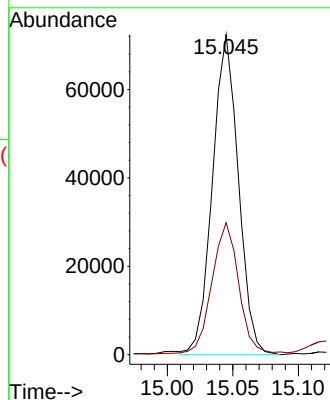
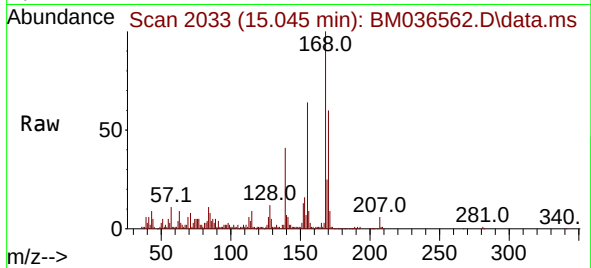




#56
Dibenzenofuran
Concen: 1.160 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

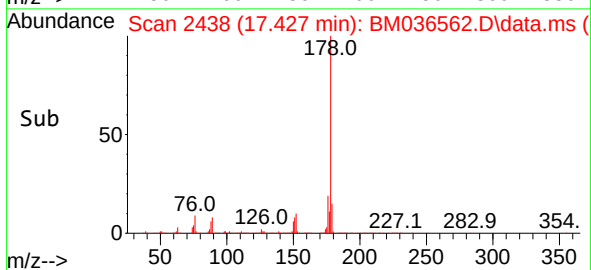
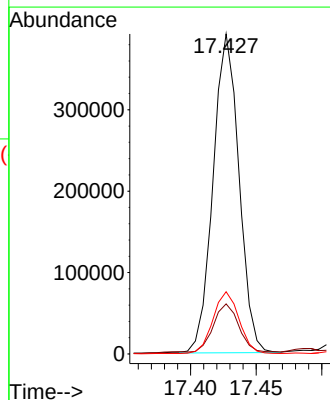
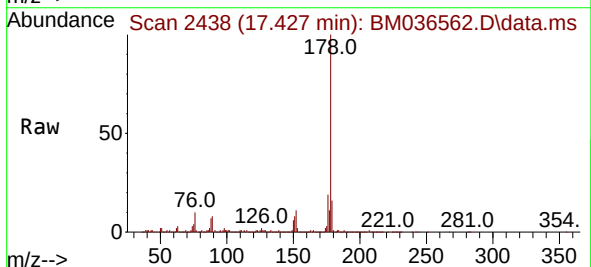
Instrument :
BNA_M
ClientSampleId :
A5755

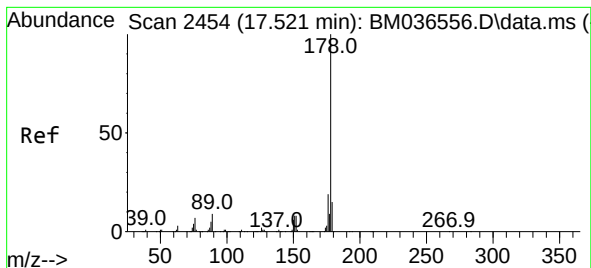
Tgt Ion:168 Resp: 99460
Ion Ratio Lower Upper
168 100
139 41.3 29.7 44.5



#72
Phenanthrene
Concen: 4.743 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:178 Resp: 538254
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.5 15.7 23.5





#74

Anthracene

Concen: 4.674 ng/ul

RT: 17.427 min Scan# 24

Delta R.T. -0.094 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

Instrument :

BNA_M

ClientSampleId :

A5755

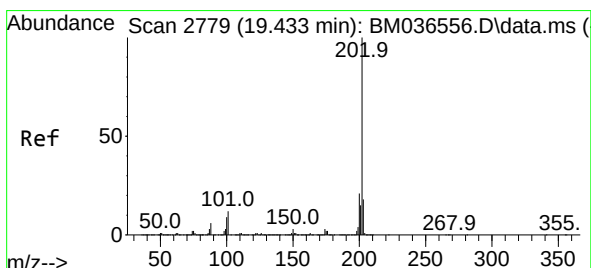
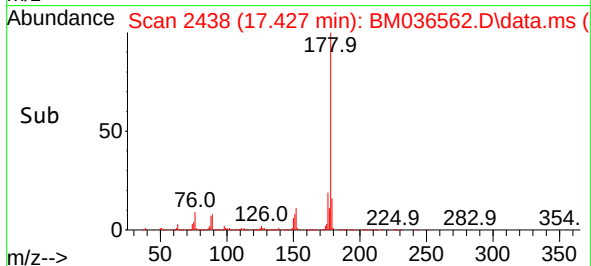
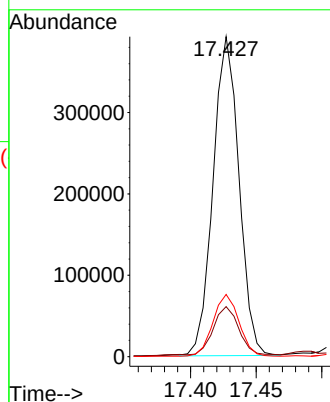
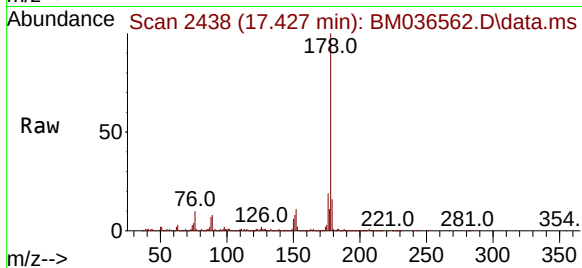
Tgt Ion:178 Resp: 539144

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.5 15.0 22.6



#80

Fluoranthene

Concen: 4.562 ng/ul

RT: 19.433 min Scan# 2779

Delta R.T. -0.000 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

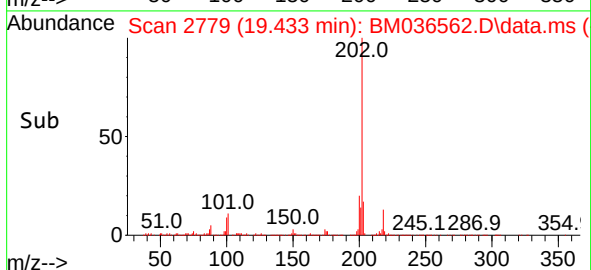
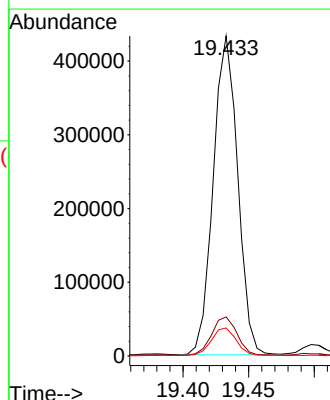
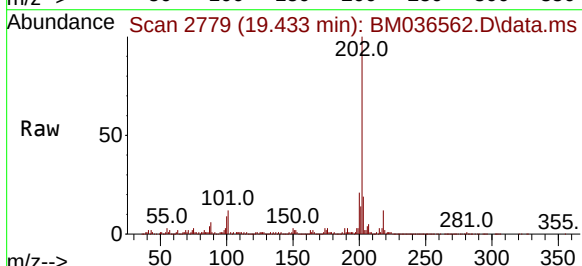
Tgt Ion:202 Resp: 560592

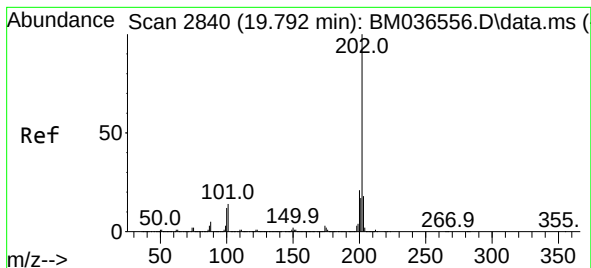
Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.6

100 8.8 7.4 11.2





#82

Pyrene

Concen: 3.834 ng/ul

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

Instrument :

BNA_M

ClientSampleId :

A5755

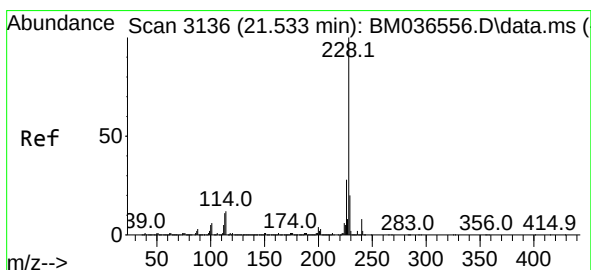
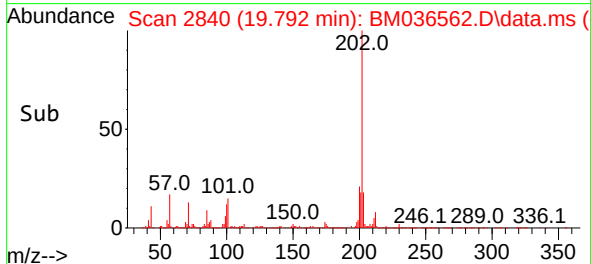
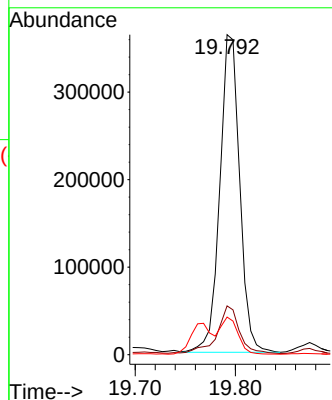
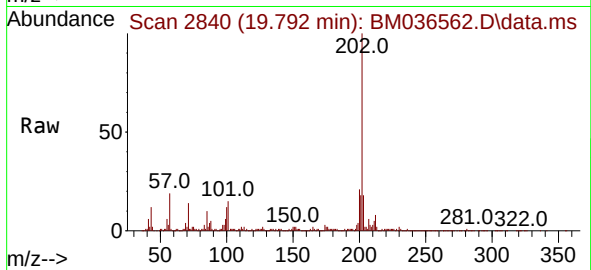
Tgt Ion:202 Resp: 498697

Ion Ratio Lower Upper

202 100

101 15.2 10.9 16.3

100 11.8 8.7 13.1



#85

Benzo(a)anthracene

Concen: 2.462 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

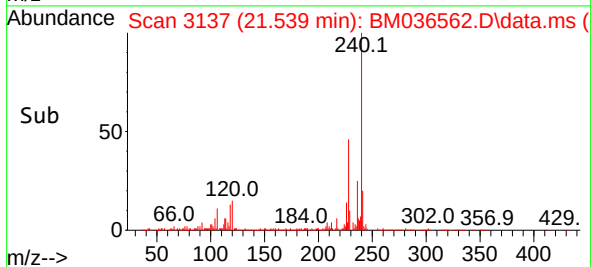
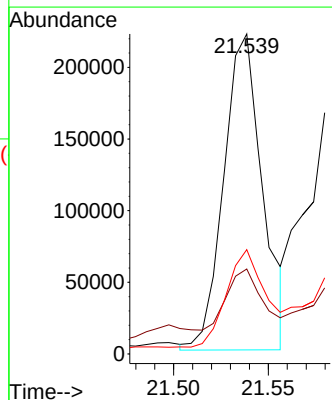
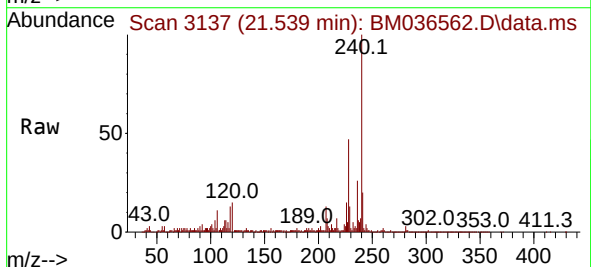
Tgt Ion:228 Resp: 314446

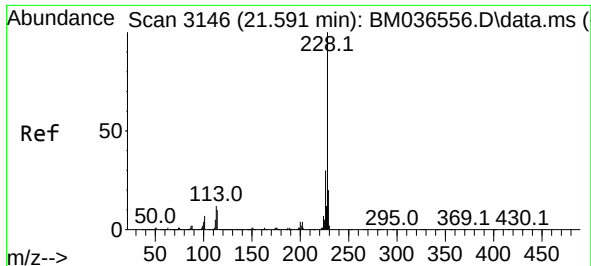
Ion Ratio Lower Upper

228 100

229 26.6 15.8 23.8#

226 32.6 21.9 32.9





#87

Chrysene

Concen: 3.593 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

Instrument :

BNA_M

ClientSampleId :

A5755

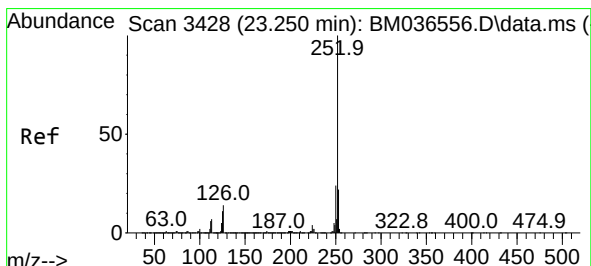
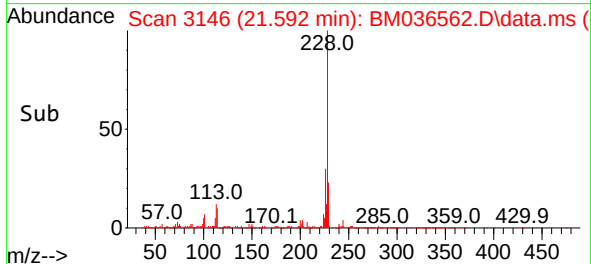
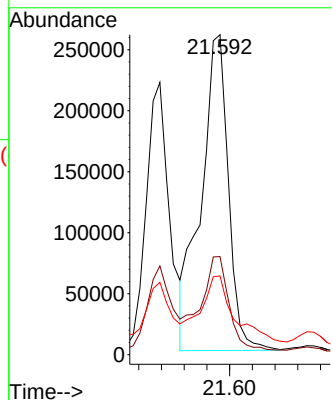
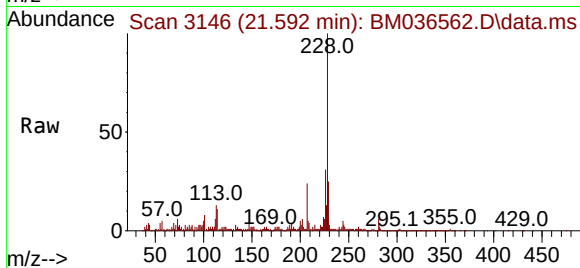
Tgt Ion:228 Resp: 435602

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 24.6 15.6 23.4#



#90

Benzo(b)fluoranthene

Concen: 3.631 ng/ul

RT: 23.250 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

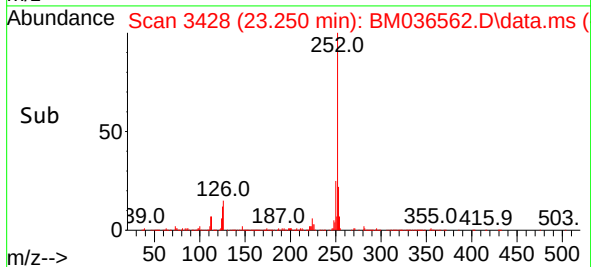
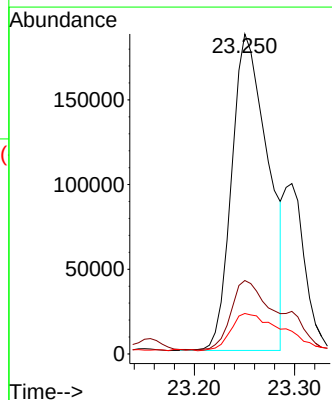
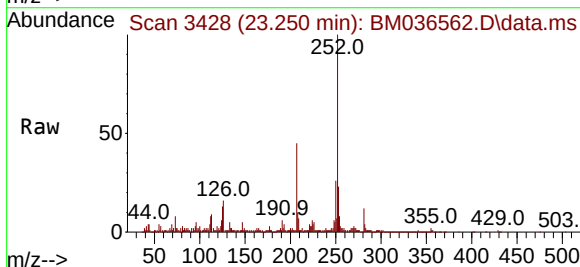
Tgt Ion:252 Resp: 472037

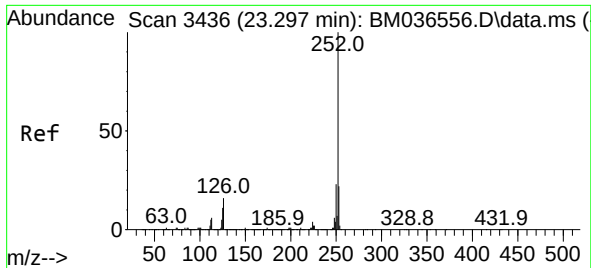
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 12.6 9.1 13.7

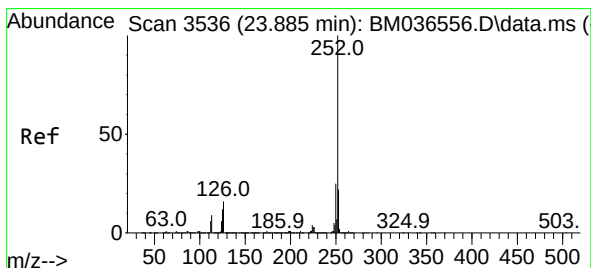
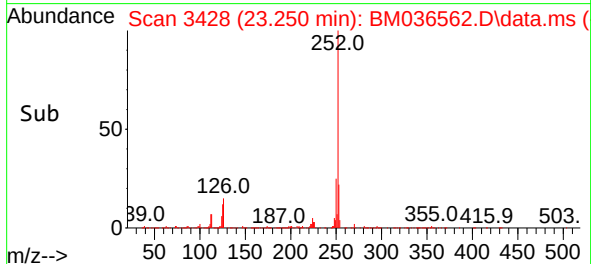
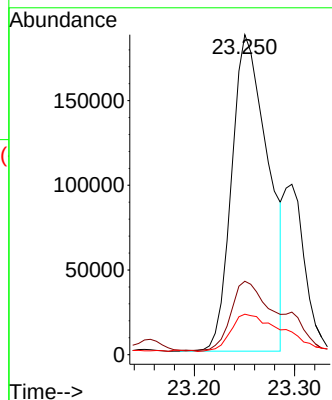
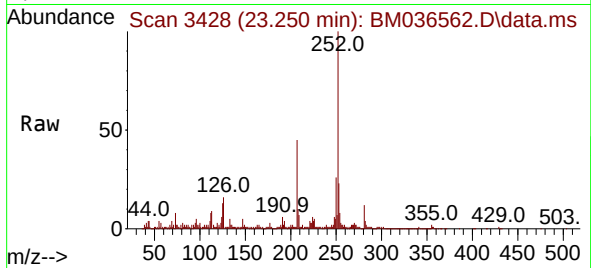




#91
Benzo(k)fluoranthene
Concen: 3.634 ng/ul
RT: 23.250 min Scan# 3436
Delta R.T. -0.053 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

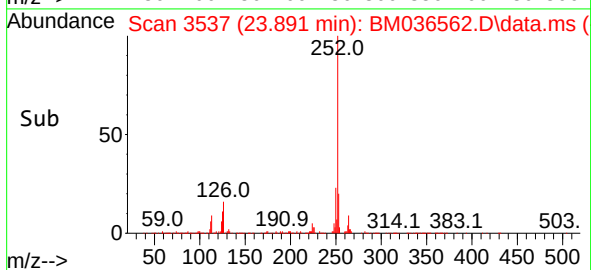
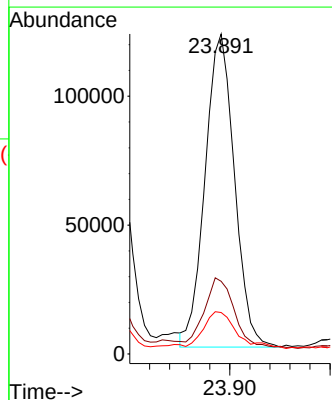
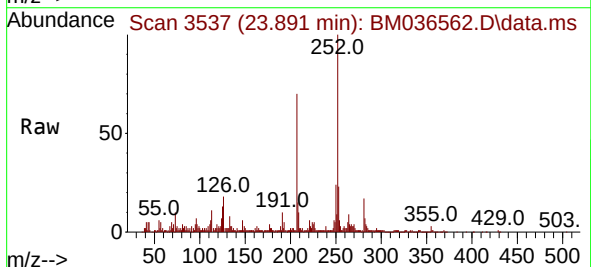
Instrument :
BNA_M
ClientSampleId :
A5755

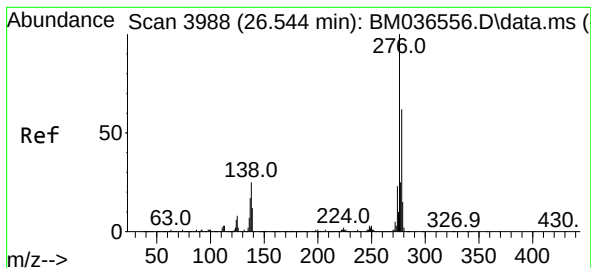
Tgt Ion:252 Resp: 472037
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.6 8.2 12.4#



#93
Benzo(a)pyrene
Concen: 2.165 ng/ul
RT: 23.891 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM036562.D
Acq: 16 Sep 2022 14:46

Tgt Ion:252 Resp: 247372
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.0 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.255 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. -0.006 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

Instrument :

BNA_M

ClientSampleId :

A5755

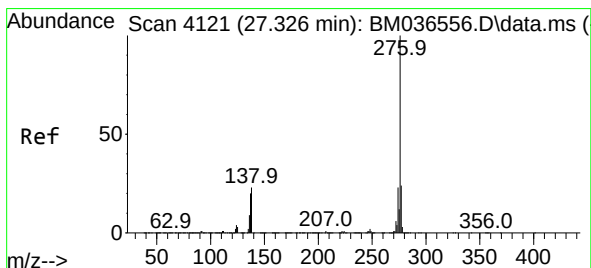
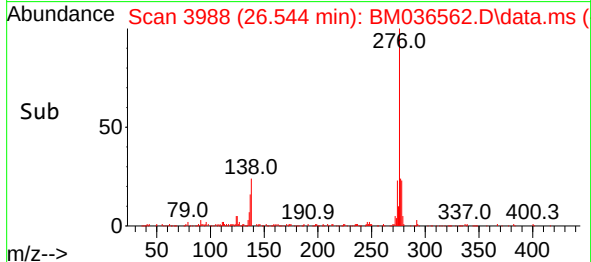
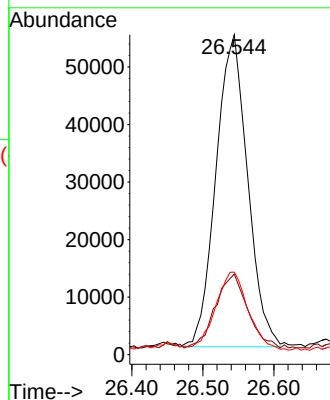
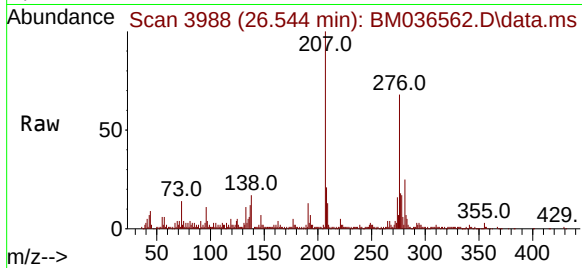
Tgt Ion:276 Resp: 167518

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

277 25.8 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.217 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.012 min

Lab File: BM036562.D

Acq: 16 Sep 2022 14:46

Tgt Ion:276 Resp: 140852

Ion Ratio Lower Upper

276 100

138 25.7 18.7 28.1

277 25.0 19.2 28.8

