

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011203.D
 Acq On : 01 Aug 2022 17:03
 Operator : CG/JU
 Sample : N3790-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 01 23:00:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

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

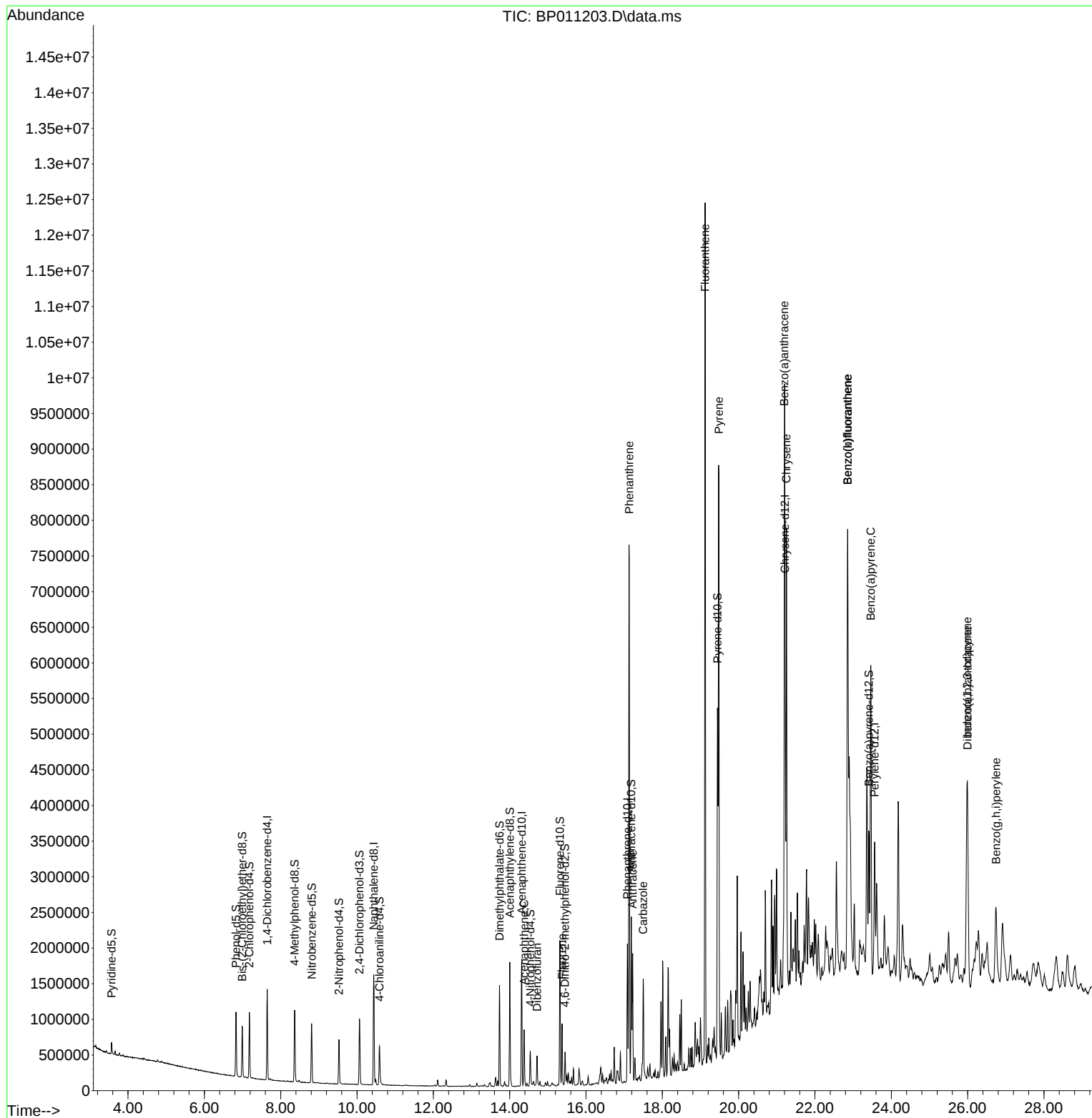
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	298469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1161737	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	541296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1054976	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.216	240	1004114	20.000	ng/ul	# 0.00
88) Perylene-d12	23.562	264	1157748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	75	0.012	ng/uL	0.06
4) Pyridine-d5	3.569	84	77057	4.179	ng/ul	0.01
7) Phenol-d5	6.828	99	461039	17.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	308675	16.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	373598	18.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	364573	17.107	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	168279	18.638	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	165887	19.182	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	296383	19.446	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	302159	12.229	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	820344	22.244	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1051406	22.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	93664	14.120	ng/ul	0.00
60) Fluorene-d10	15.316	176	693098	22.366	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	62147	11.686	ng/ul	0.00
73) Anthracene-d10	17.186	188	1041937	22.414	ng/ul	0.00
81) Pyrene-d10	19.445	212	1236146	22.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1306950	22.728	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.381	153	295087	8.726	ng/ul	97
56) Dibenzofuran	14.716	168	205211	4.464	ng/ul	97
61) Fluorene	15.375	166	355163	9.936	ng/ul	98
72) Phenanthrene	17.133	178	4133301	71.589	ng/ul	98
74) Anthracene	17.222	178	1023402	17.917	ng/ul	99
77) Carbazole	17.498	167	791406	15.639	ng/ul	99
80) Fluoranthene	19.122	202	6164130	92.486	ng/ul#	83
82) Pyrene	19.480	202	4764553	69.567	ng/ul#	84
85) Benzo(a)anthracene	21.198	228	3365573	53.918	ng/ul	95
87) Chrysene	21.251	228	3183085	51.296	ng/ul	97
90) Benzo(b)fluoranthene	22.857	252	3951897	54.146	ng/ul#	94
91) Benzo(k)fluoranthene	22.857	252	3951897	57.052	ng/ul#	92
93) Benzo(a)pyrene	23.462	252	2664311	37.424	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.992	276	1763288	20.104	ng/ul#	90
95) Dibenzo(a,h)anthracene	25.998	278	596115	7.924	ng/ul#	78
96) Benzo(g,h,i)perylene	26.745	276	1333102	17.574	ng/ul#	88

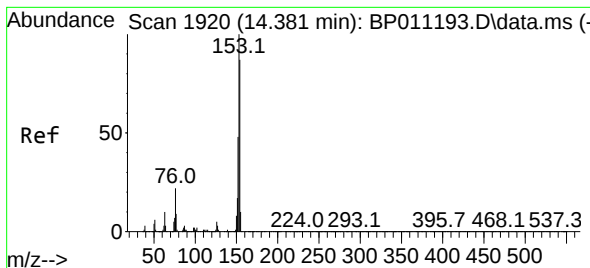
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#52

Acenaphthene

Concen: 8.726 ng/ul

RT: 14.381 min Scan# 1920

Delta R.T. -0.000 min

Lab File: BP011203.D

Acq: 01 Aug 2022 17:03

Instrument :

BNA_P

ClientSampleId :

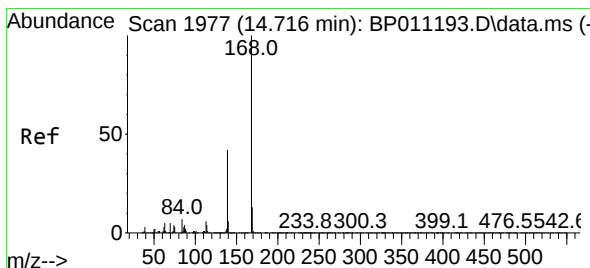
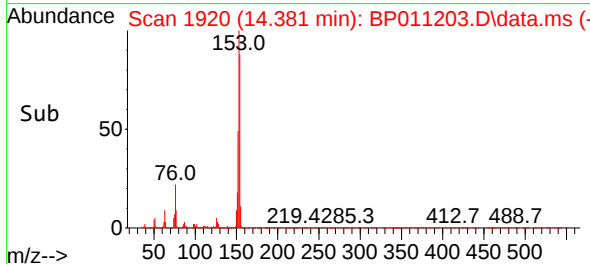
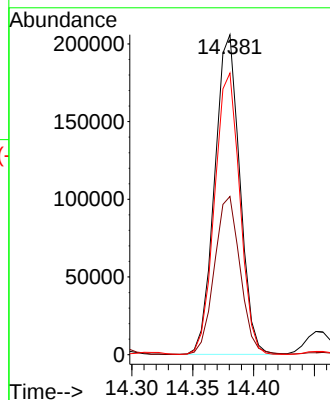
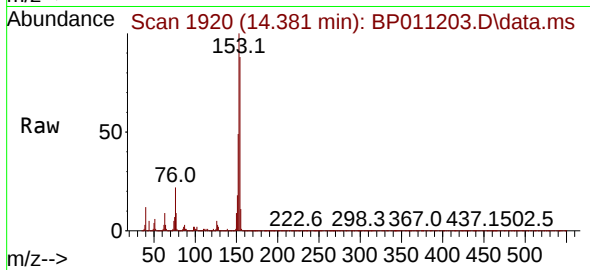
Tgt Ion:153 Resp: 295087

Ion Ratio Lower Upper

153 100

152 49.4 36.2 54.2

154 88.0 70.8 106.2



#56

Dibenzofuran

Concen: 4.464 ng/ul

RT: 14.716 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BP011203.D

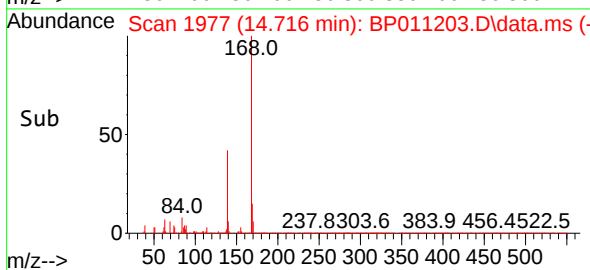
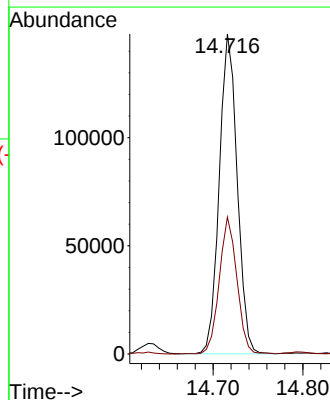
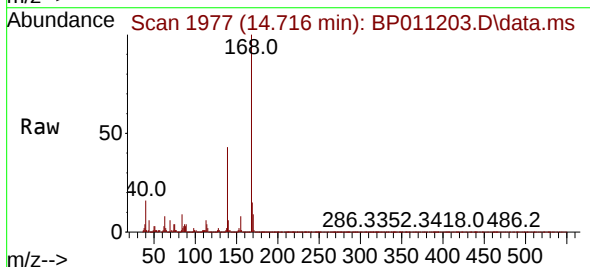
Acq: 01 Aug 2022 17:03

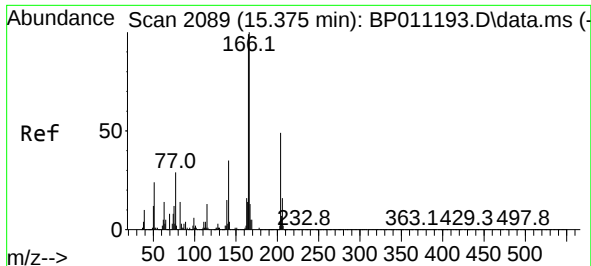
Tgt Ion:168 Resp: 205211

Ion Ratio Lower Upper

168 100

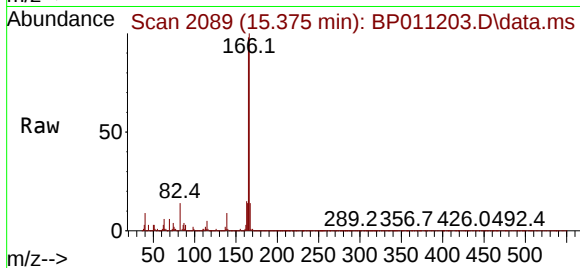
139 42.8 32.8 49.2



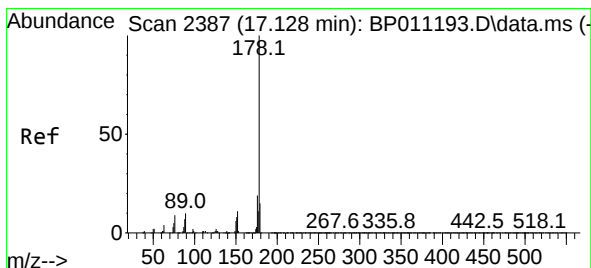
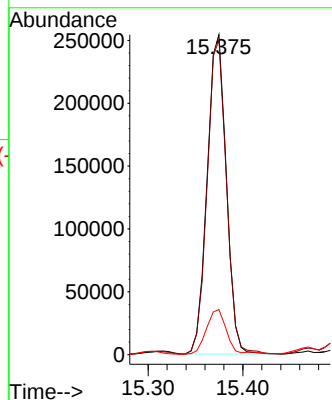
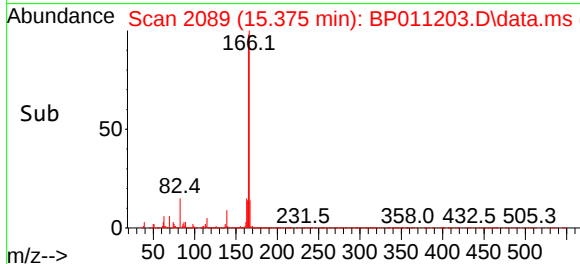


#61
Fluorene
Concen: 9.936 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

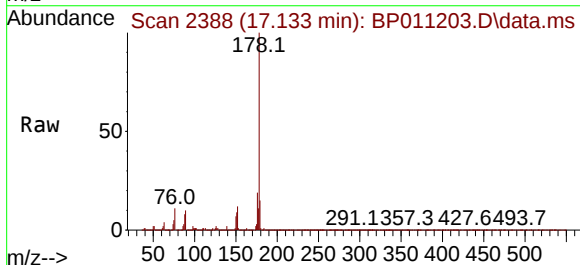
Instrument :
BNA_P
ClientSampleId :



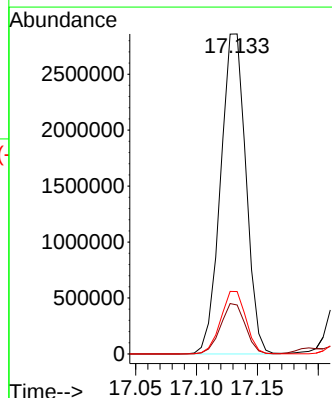
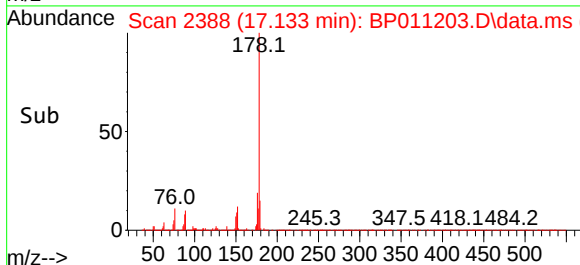
Tgt Ion:166 Resp: 355163
Ion Ratio Lower Upper
166 100
165 98.3 77.4 116.2
167 14.1 10.8 16.2

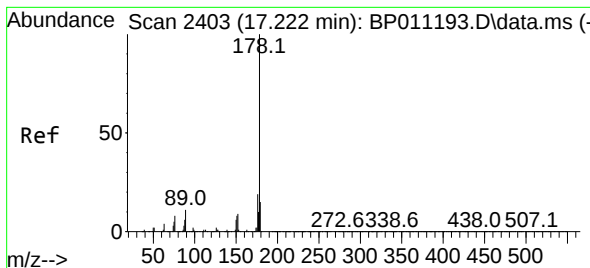


#72
Phenanthrene
Concen: 71.589 ng/ul
RT: 17.133 min Scan# 2388
Delta R.T. 0.006 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03



Tgt Ion:178 Resp: 4133301
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.5 14.6 22.0





#74

Anthracene

Concen: 17.917 ng/ul

RT: 17.222 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BP011203.D

Acq: 01 Aug 2022 17:03

Instrument :

BNA_P

ClientSampleId :

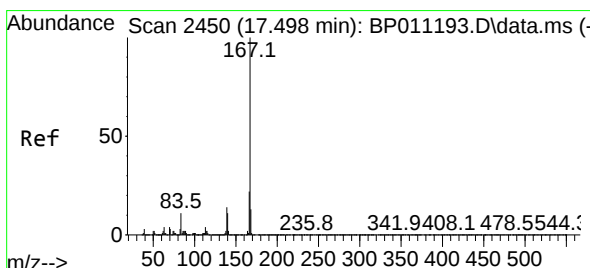
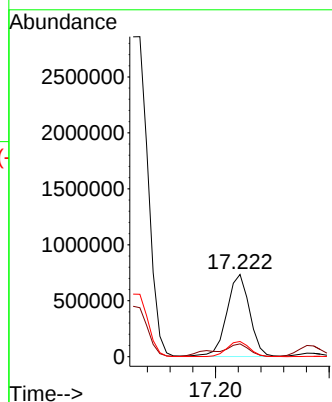
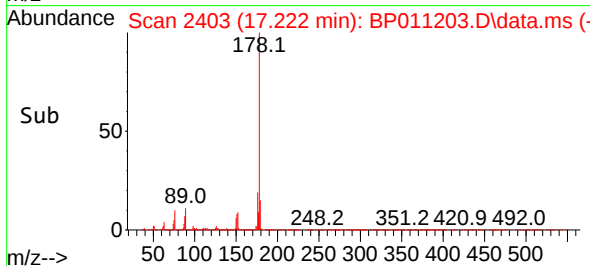
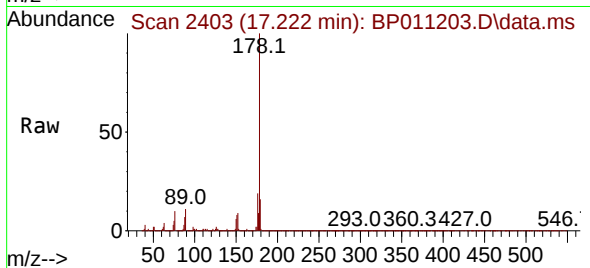
Tgt Ion:178 Resp: 1023402

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.5 14.5 21.7



#77

Carbazole

Concen: 15.639 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP011203.D

Acq: 01 Aug 2022 17:03

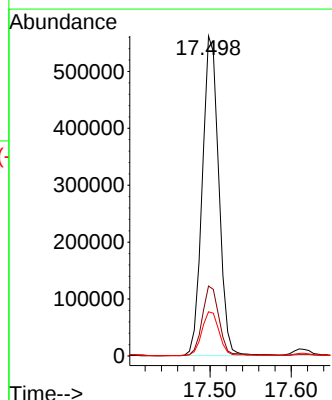
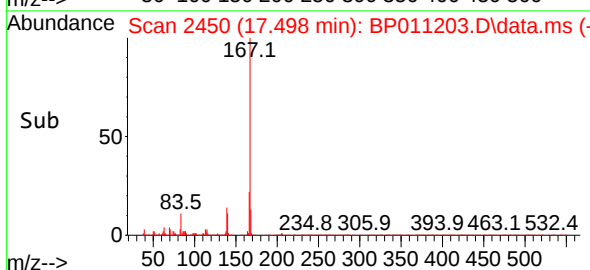
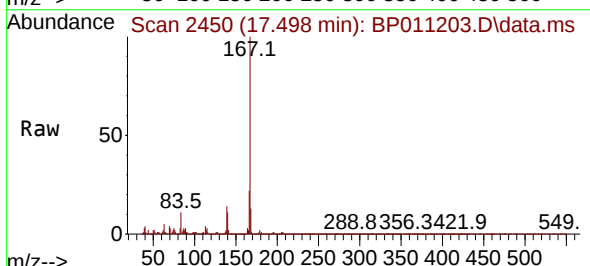
Tgt Ion:167 Resp: 791406

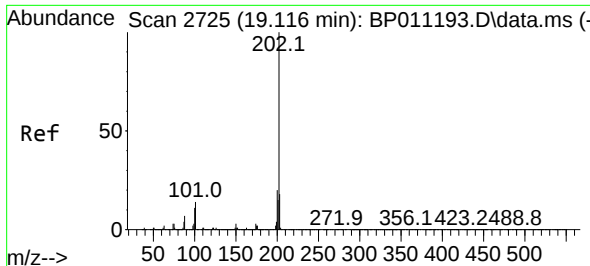
Ion Ratio Lower Upper

167 100

166 21.8 16.9 25.3

139 13.8 10.6 16.0

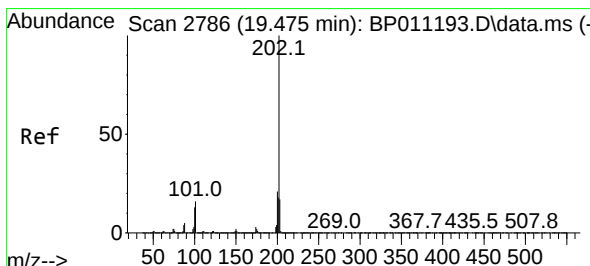
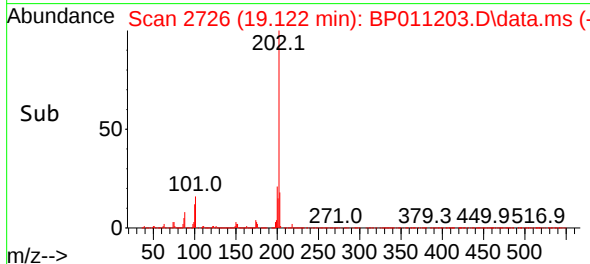
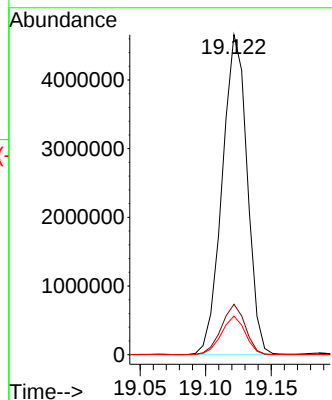
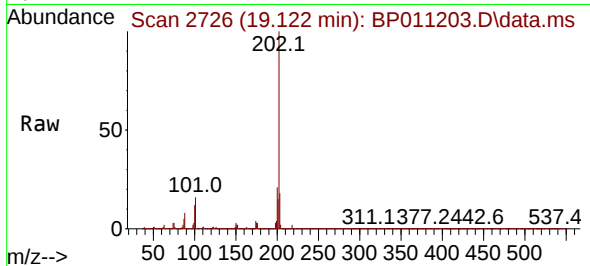




#80
Fluoranthene
Concen: 92.486 ng/u1
RT: 19.122 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

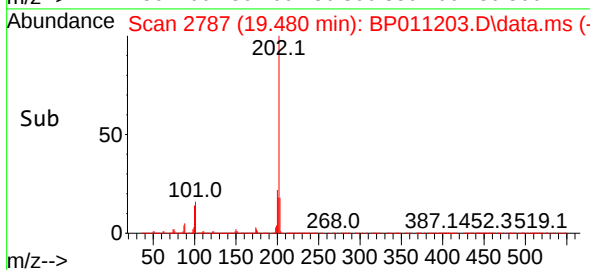
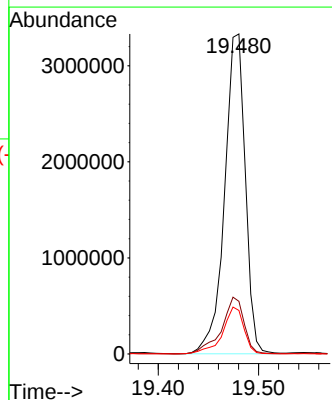
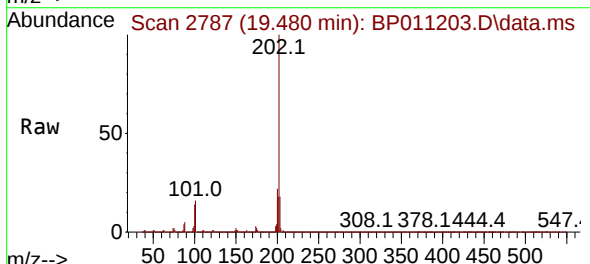
Instrument :
BNA_P
ClientSampleId :

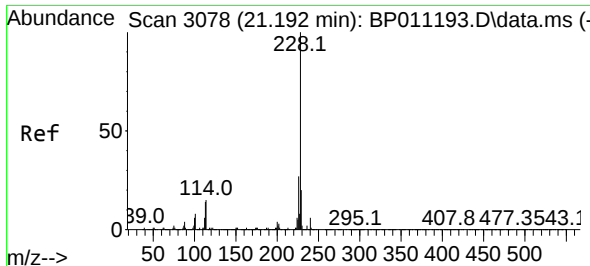
Tgt Ion:202 Resp: 6164130
Ion Ratio Lower Upper
202 100
101 15.8 7.1 10.7#
100 12.1 5.7 8.5#



#82
Pyrene
Concen: 69.567 ng/u1
RT: 19.480 min Scan# 2787
Delta R.T. 0.006 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

Tgt Ion:202 Resp: 4764553
Ion Ratio Lower Upper
202 100
101 16.4 7.9 11.9#
100 13.6 6.7 10.1#

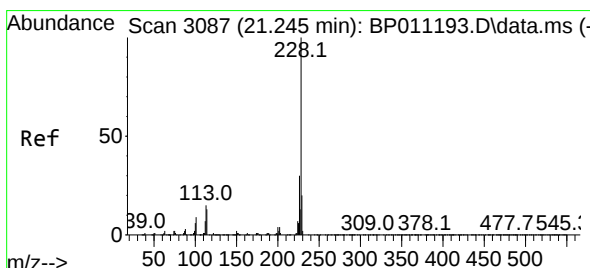
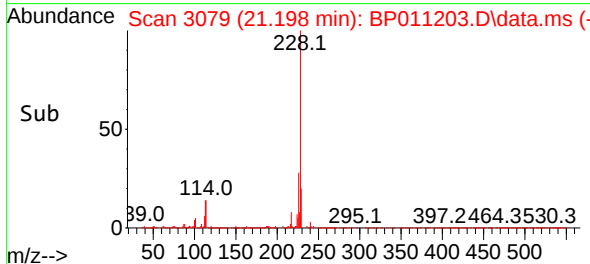
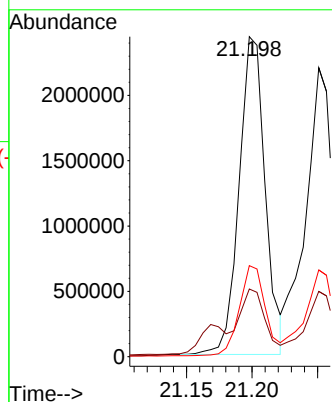
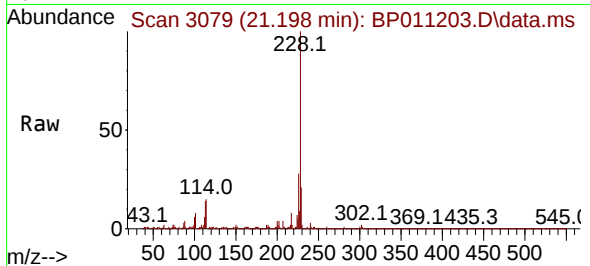




#85
Benzo(a)anthracene
Concen: 53.918 ng/ul
RT: 21.198 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

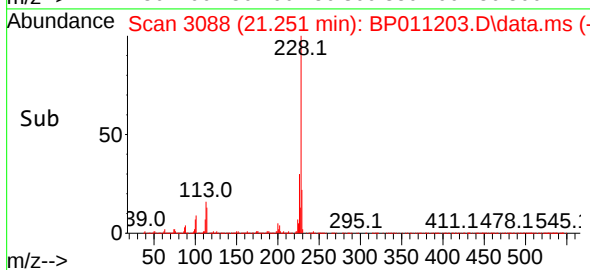
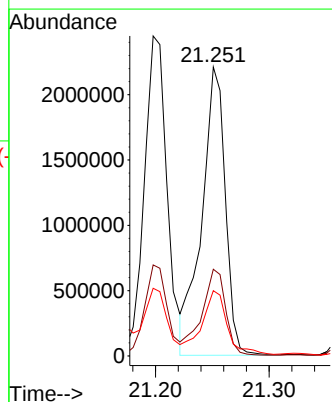
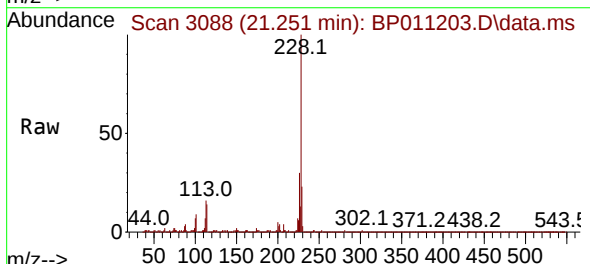
Instrument :
BNA_P
ClientSampleId :

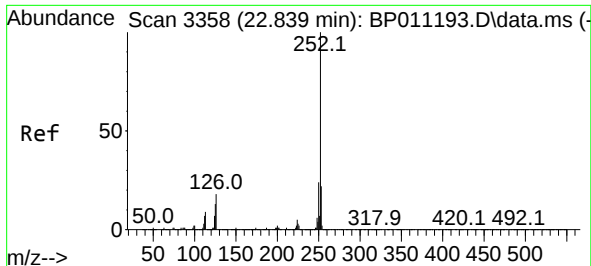
Tgt Ion:228 Resp: 3365573
Ion Ratio Lower Upper
228 100
229 21.1 15.0 22.4
226 28.4 20.6 31.0



#87
Chrysene
Concen: 51.296 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

Tgt Ion:228 Resp: 3183085
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.6 15.6 23.4

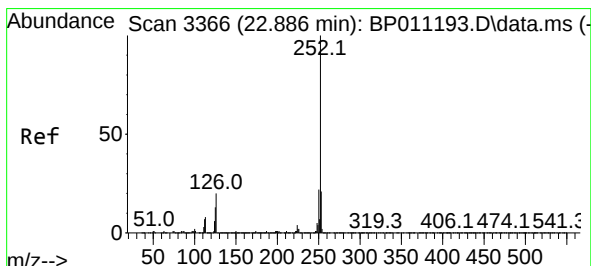
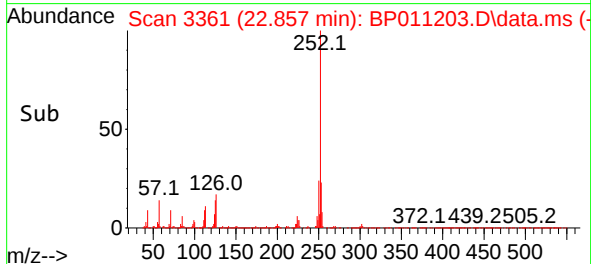
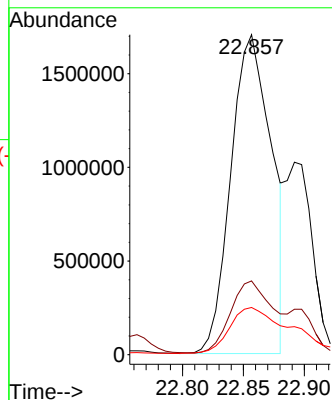
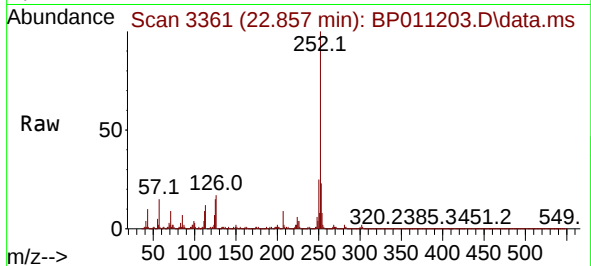




#90
Benzo(b)fluoranthene
Concen: 54.146 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.018 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

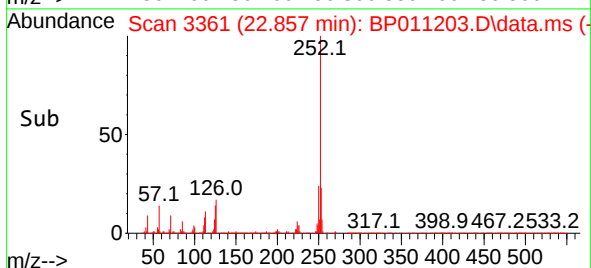
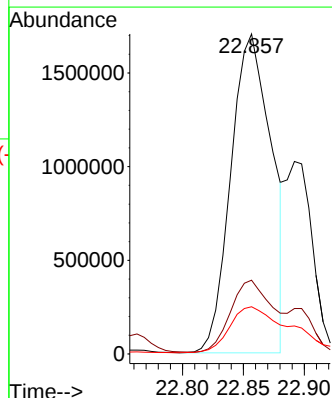
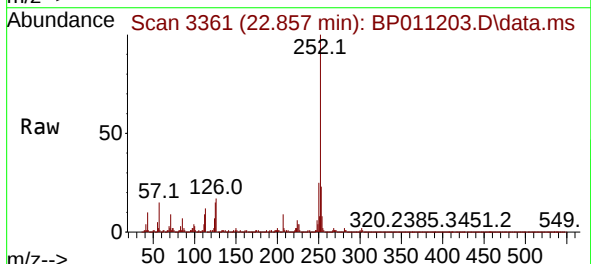
Instrument :
BNA_P
ClientSampleId :

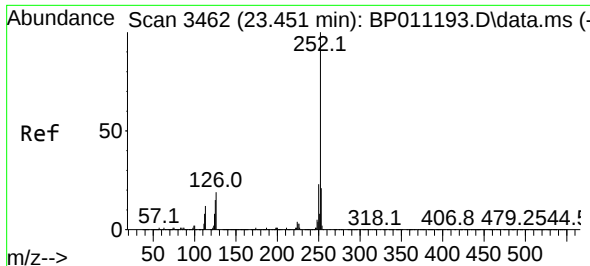
Tgt Ion:252 Resp: 3951897
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 14.7 6.2 9.2#



#91
Benzo(k)fluoranthene
Concen: 57.052 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. -0.035 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

Tgt Ion:252 Resp: 3951897
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 14.7 6.2 9.4#

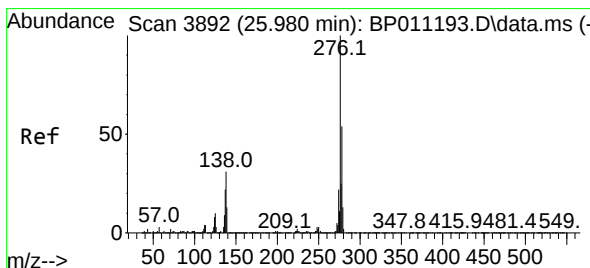
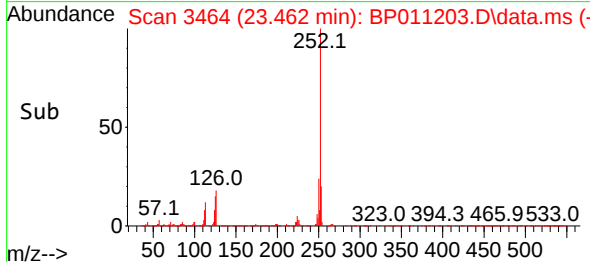
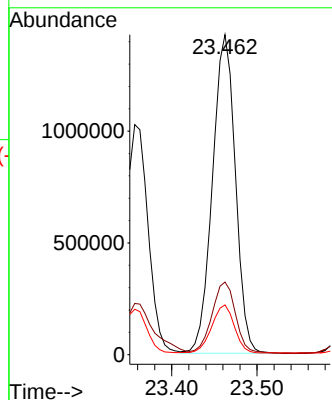
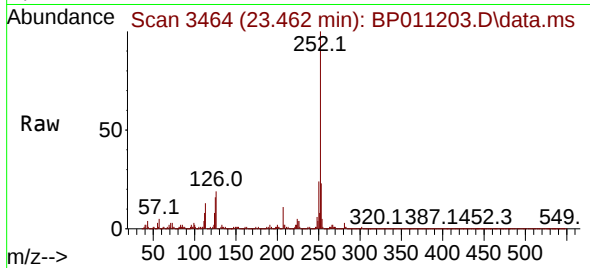




#93
Benzo(a)pyrene
Concen: 37.424 ng/ul
RT: 23.462 min Scan# 3462
Delta R.T. 0.012 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

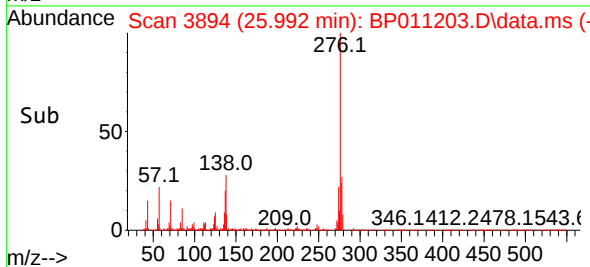
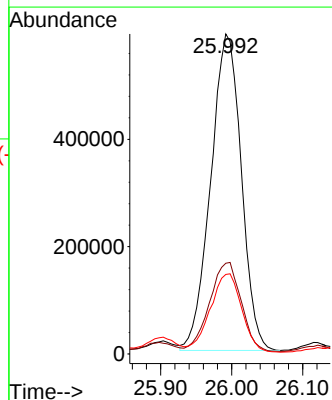
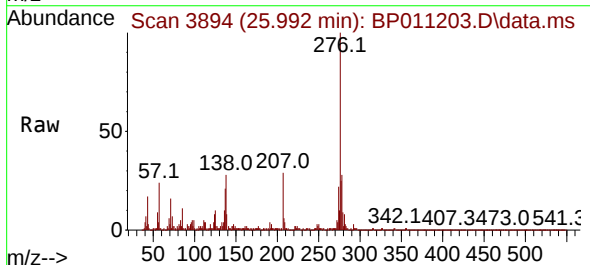
Instrument :
BNA_P
ClientSampleId :

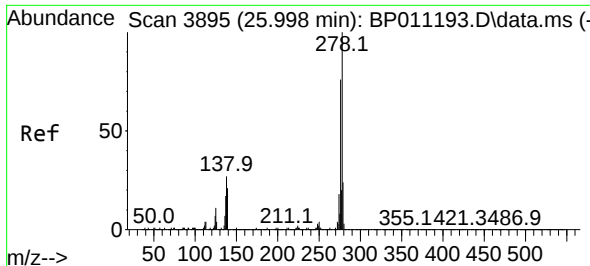
Tgt Ion:252 Resp: 2664311
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 15.6 6.6 10.0#



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.104 ng/ul
RT: 25.992 min Scan# 3894
Delta R.T. 0.012 min
Lab File: BP011203.D
Acq: 01 Aug 2022 17:03

Tgt Ion:276 Resp: 1763288
Ion Ratio Lower Upper
276 100
138 28.4 14.6 22.0#
277 24.9 19.6 29.4

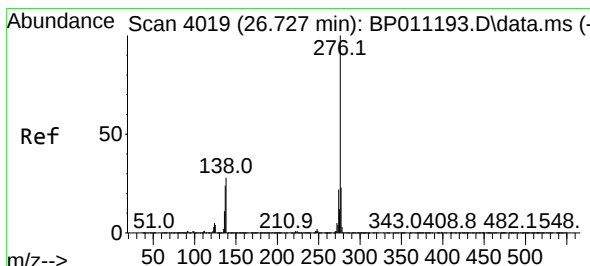
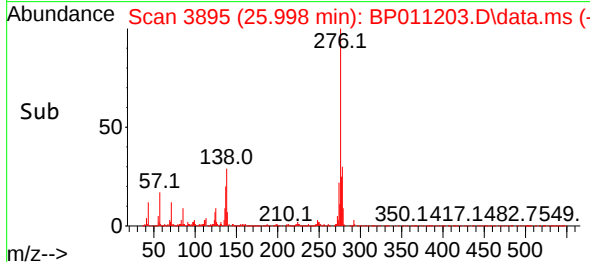
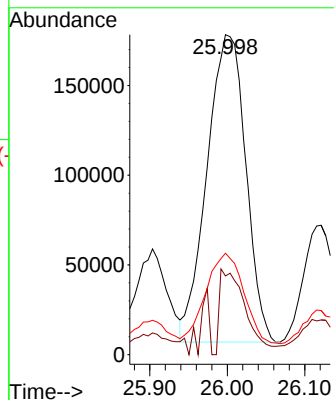
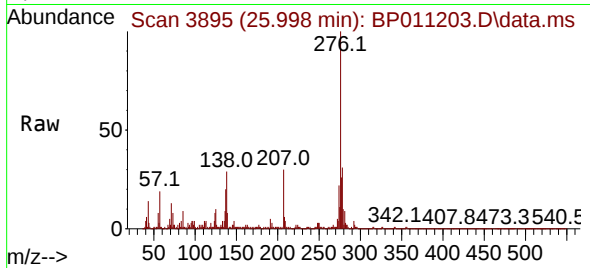




#95
 Dibenzo(a,h)anthracene
 Concen: 7.924 ng/ul
 RT: 25.998 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP011203.D
 Acq: 01 Aug 2022 17:03

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 596115
 Ion Ratio Lower Upper
 278 100
 139 24.6 9.4 14.2#
 279 31.7 18.9 28.3#



#96
 Benzo(g,h,i)perylene
 Concen: 17.574 ng/ul
 RT: 26.745 min Scan# 4022
 Delta R.T. 0.023 min
 Lab File: BP011203.D
 Acq: 01 Aug 2022 17:03

Tgt Ion:276 Resp: 1333102
 Ion Ratio Lower Upper
 276 100
 138 27.9 12.7 19.1#
 277 23.3 18.2 27.4

