

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020277.D
 Acq On : 09 May 2024 21:55
 Operator : MA/JU
 Sample : P2321-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0Y32

Quant Time: May 09 23:34:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

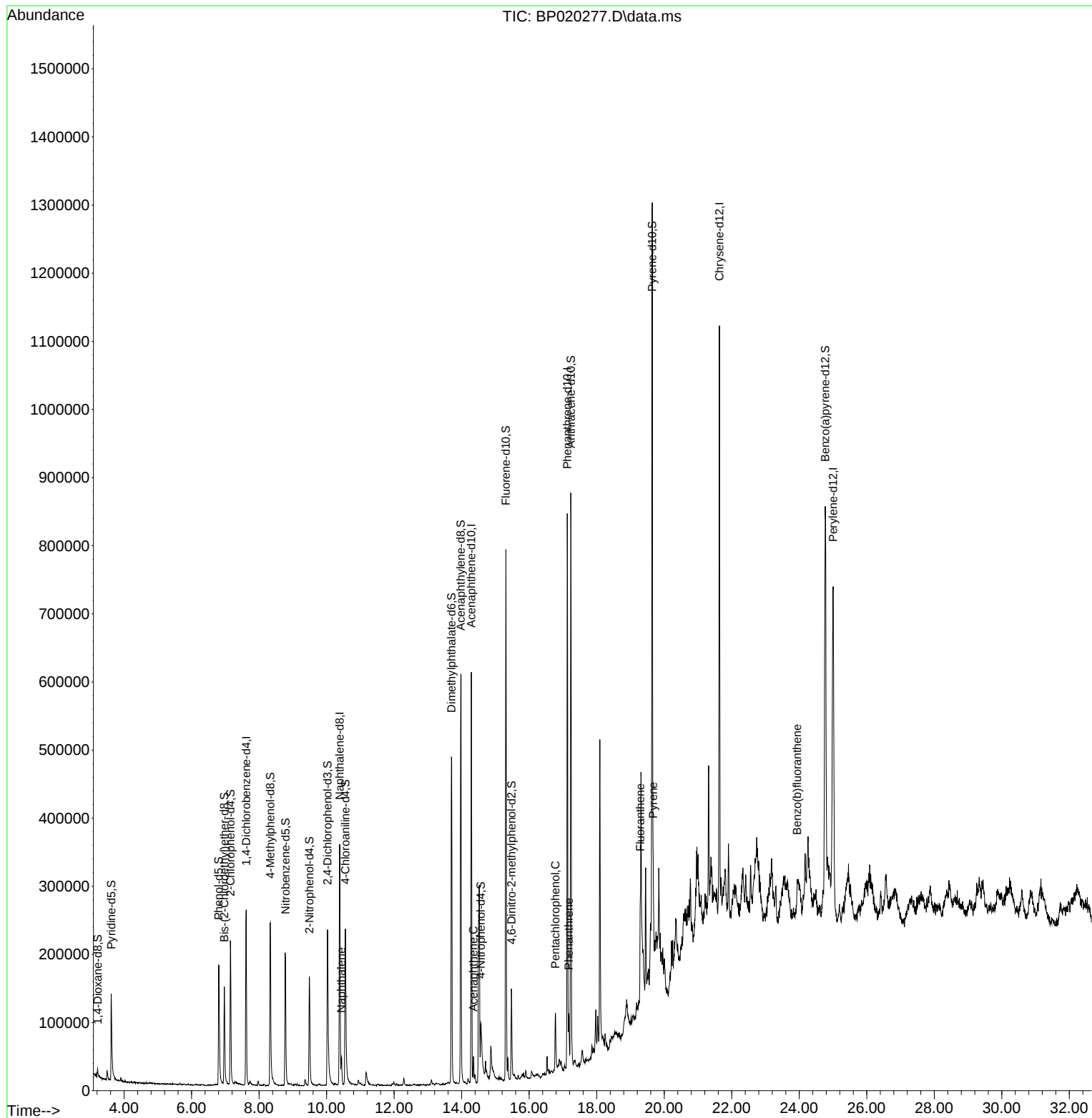
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	74457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	304415	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	211929	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	461357	20.000	ng/u1	-0.01
79) Chrysene-d12	21.633	240	465902	20.000	ng/u1	0.00
88) Perylene-d12	25.004	264	545368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6190	3.511	ng/uL	0.00
4) Pyridine-d5	3.623	84	82771	16.158	ng/u1	0.00
7) Phenol-d5	6.805	99	125402	19.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	72122	18.567	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	100195	21.919	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	109384	21.159	ng/u1	0.01
21) Nitrobenzene-d5	8.781	128	50769	22.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	57700	22.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	105086	22.060	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	143202	21.479	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	379626	24.529	ng/u1	-0.01
49) Acenaphthylene-d8	13.975	160	417621	24.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	45681	19.205	ng/u1	0.02
60) Fluorene-d10	15.310	176	329805	25.549	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	31864	10.884	ng/u1	0.00
73) Anthracene-d10	17.234	188	528122	26.461	ng/u1	-0.01
81) Pyrene-d10	19.645	212	644411	23.662	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	669281	25.381	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	32445	2.068	ng/u1#	95
52) Acenaphthene	14.351	153	13483	1.043	ng/u1	98
71) Pentachlorophenol	16.775	266	21036	6.013	ng/u1	97
72) Phenanthrene	17.175	178	47581	2.021	ng/u1	99
80) Fluoranthene	19.292	202	67455	2.105	ng/u1	99
82) Pyrene	19.675	202	57621	1.728	ng/u1	96
90) Benzo(b)fluoranthene	23.939	252	41502	1.279	ng/u1#	91

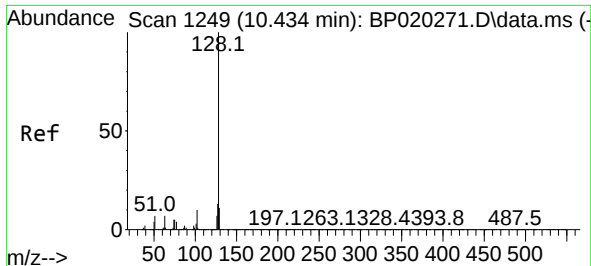
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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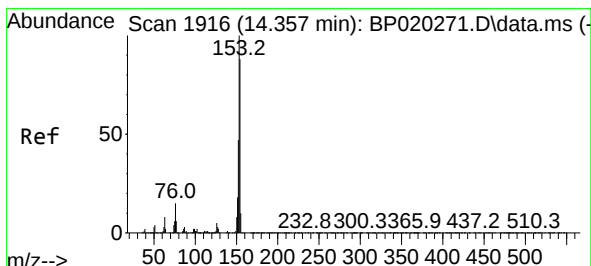
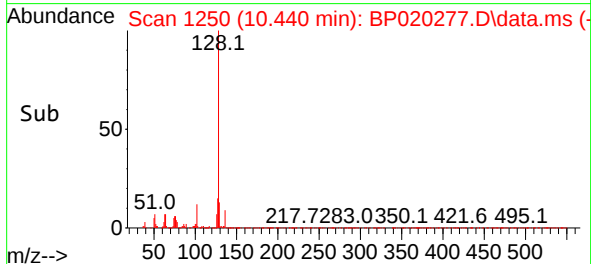
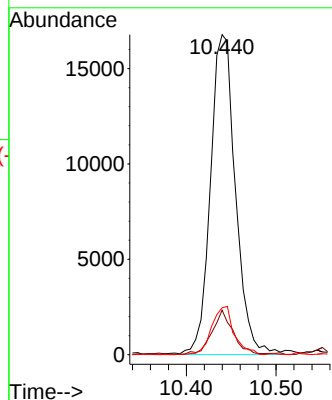
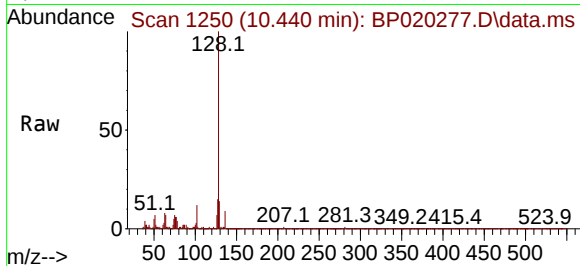




#30
Naphthalene
Concen: 2.068 ng/ul
RT: 10.440 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP020277.D
Acq: 09 May 2024 21:55

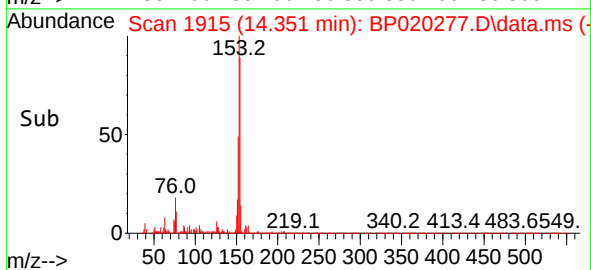
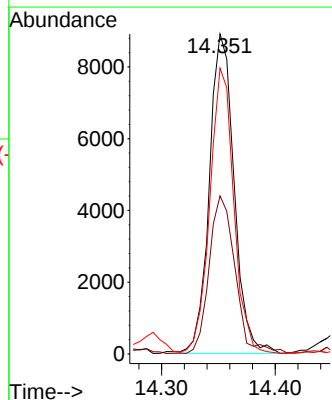
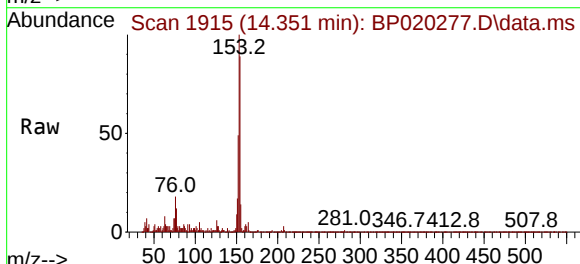
Instrument :
BNA_P
ClientSampleId :
E0Y32

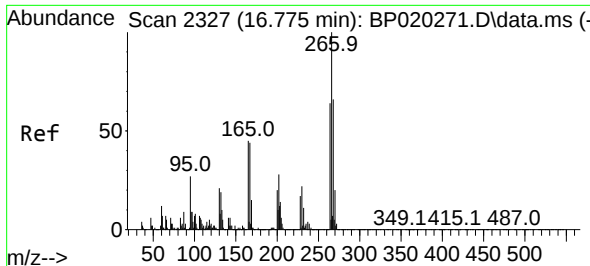
Tgt Ion:128 Resp: 32445
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3#
127 14.6 10.6 16.0



#52
Acenaphthene
Concen: 1.043 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP020277.D
Acq: 09 May 2024 21:55

Tgt Ion:153 Resp: 13483
Ion Ratio Lower Upper
153 100
152 49.4 37.4 56.2
154 89.3 70.3 105.5

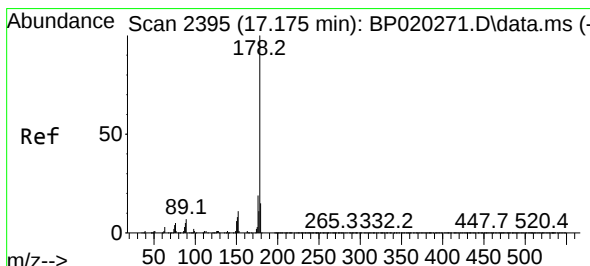
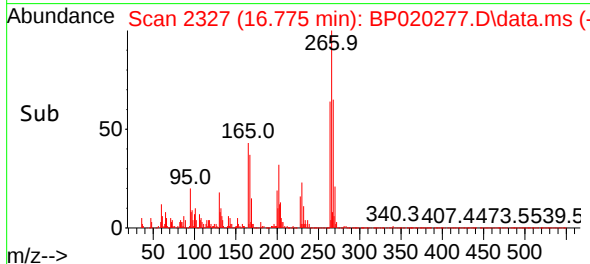
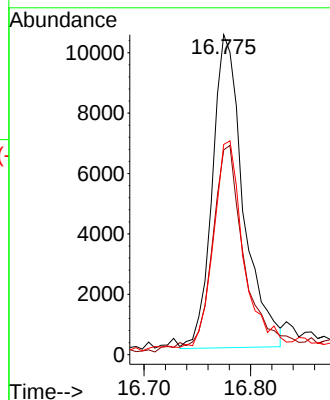
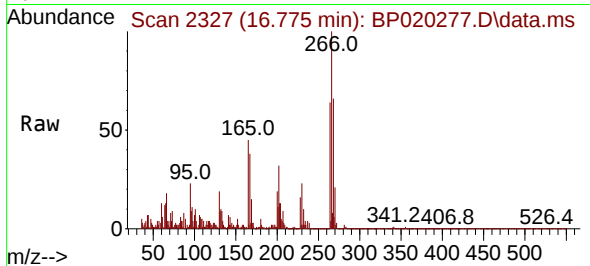




#71
 Pentachlorophenol
 Concen: 6.013 ng/ul
 RT: 16.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020277.D
 Acq: 09 May 2024 21:55

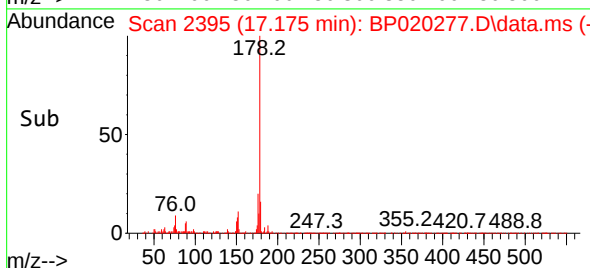
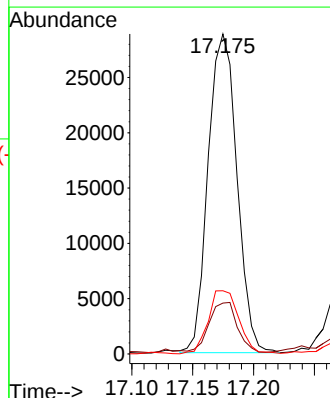
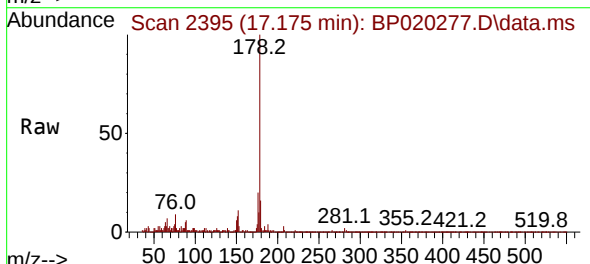
Instrument :
 BNA_P
 ClientSampleId :
 E0Y32

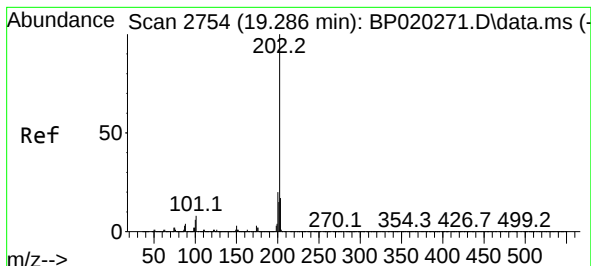
Tgt Ion:	266	Resp:	21036
Ion Ratio	Lower	Upper	
266	100		
264	64.0	49.8	74.6
268	65.7	50.4	75.6



#72
 Phenanthrene
 Concen: 2.021 ng/ul
 RT: 17.175 min Scan# 2395
 Delta R.T. -0.012 min
 Lab File: BP020277.D
 Acq: 09 May 2024 21:55

Tgt Ion:	178	Resp:	47581
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	19.7	15.2	22.8





#80

Fluoranthene

Concen: 2.105 ng/uI

RT: 19.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020277.D

Acq: 09 May 2024 21:55

Instrument :

BNA_P

ClientSampleId :

E0Y32

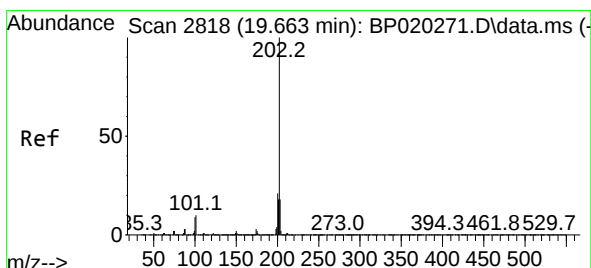
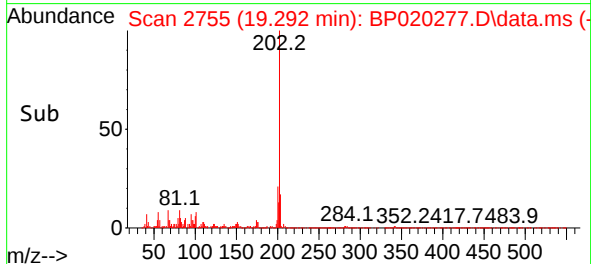
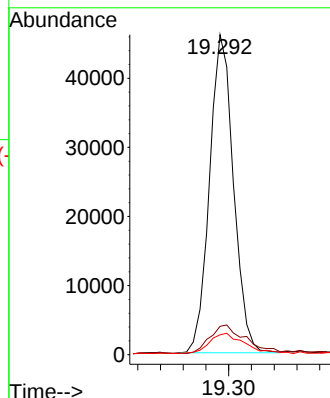
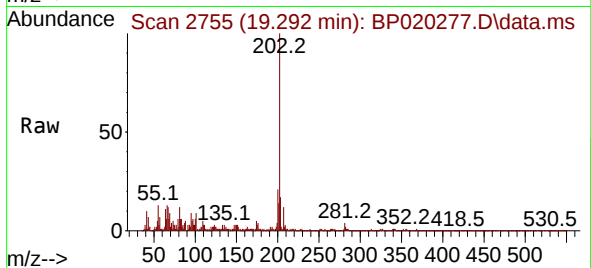
Tgt Ion:202 Resp: 67455

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

100 6.2 5.5 8.3



#82

Pyrene

Concen: 1.728 ng/uI

RT: 19.675 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BP020277.D

Acq: 09 May 2024 21:55

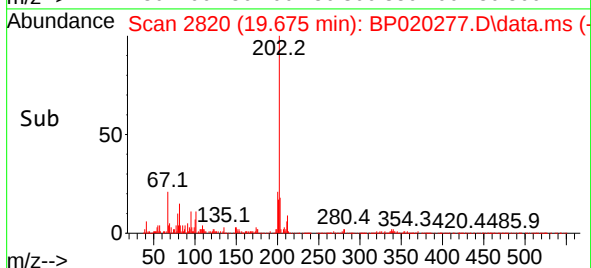
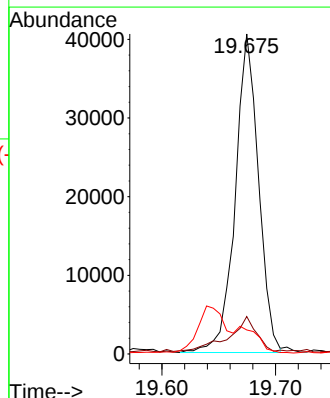
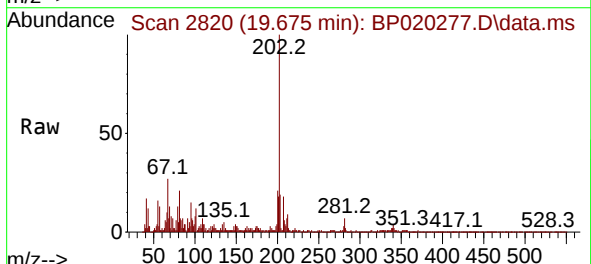
Tgt Ion:202 Resp: 57621

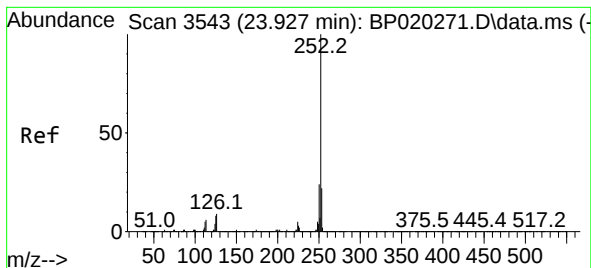
Ion Ratio Lower Upper

202 100

101 11.7 8.1 12.1

100 7.5 6.8 10.2





#90

Benzo(b)fluoranthene

Concen: 1.279 ng/ul

RT: 23.939 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP020277.D

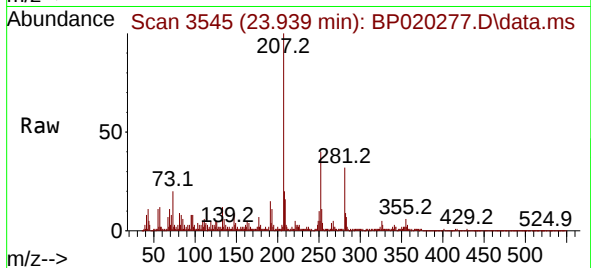
Acq: 09 May 2024 21:55

Instrument :

BNA_P

ClientSampleId :

E0Y32



Tgt Ion:252 Resp: 41502

Ion Ratio Lower Upper

252 100

253 26.6 17.9 26.9

125 11.4 6.2 9.2#

