

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019427.D
 Acq On : 23 Jan 2024 19:00
 Operator : MA/JU
 Sample : P1157-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 24 00:06:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

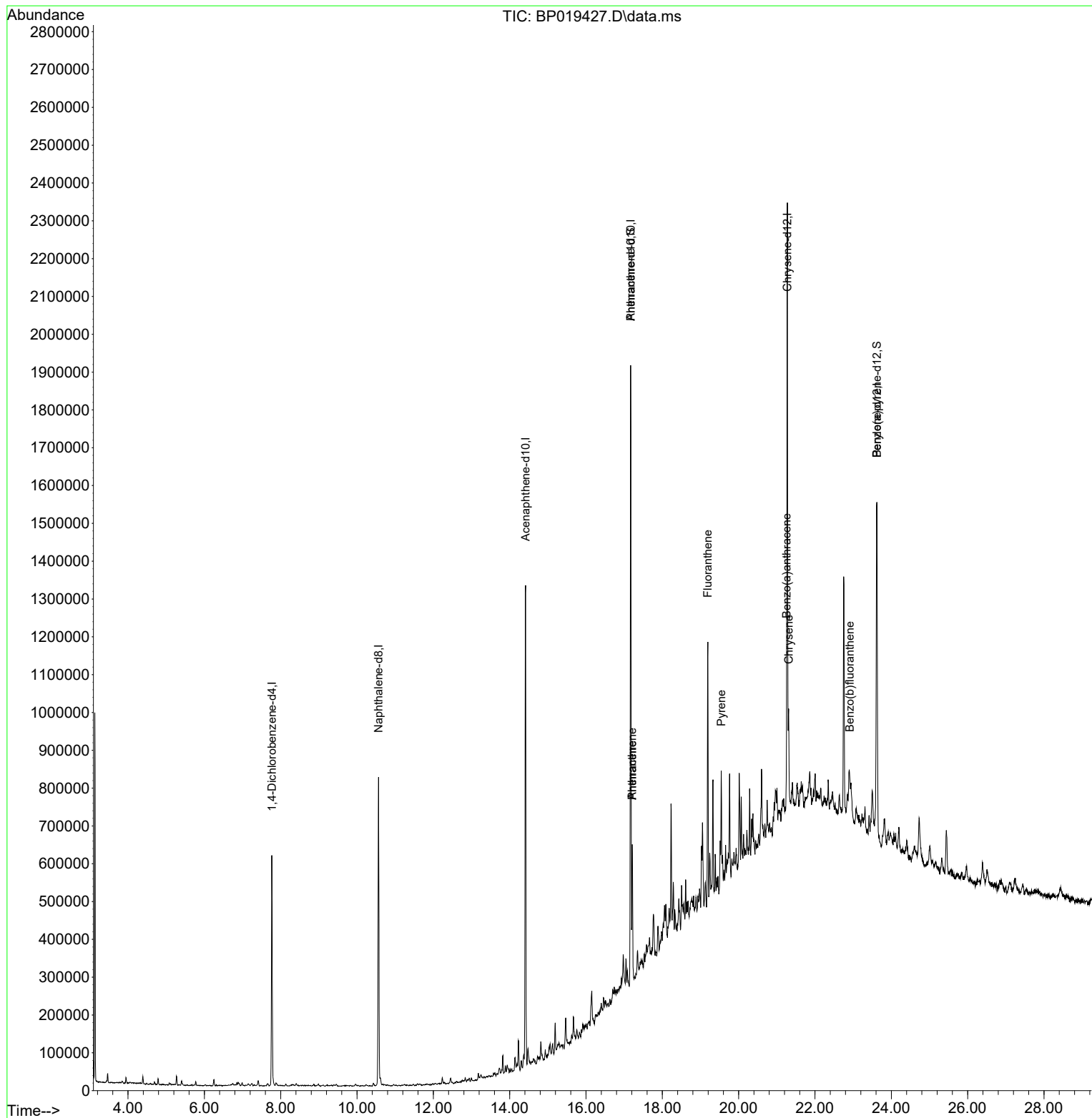
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	156222	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	617568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	432841	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	940812	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	716361	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	747430	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	23	0.006	ng/uL	0.00
4) Pyridine-d5	3.622	84	179	0.015	ng/u1	-0.01
7) Phenol-d5	6.969	99	13	0.001	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.098	67	71	0.008	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.304	132	9	0.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	25	0.002	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	23	0.004	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	10	0.002	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	20	0.002	ng/u1	0.02
31) 4-Chloroaniline-d4	10.728	131	8	0.001	ng/u1	0.01
46) Dimethylphthalate-d6	13.816	166	158	0.004	ng/u1	-0.02
49) Acenaphthylene-d8	14.104	160	305	0.007	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	263	0.045	ng/u1	-0.02
60) Fluorene-d10	15.416	176	474	0.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	139	0.020	ng/u1	0.02
73) Anthracene-d10	17.168	188	940812	20.050	ng/u1	-0.11
81) Pyrene-d10	19.515	212	322	0.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	736627	18.125	ng/u1	0.15
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	213909	4.048	ng/u1	98
74) Anthracene	17.210	178	214268	4.000	ng/u1	97
80) Fluoranthene	19.192	202	412970	7.479	ng/u1	98
82) Pyrene	19.545	202	193093	3.446	ng/u1	97
85) Benzo(a)anthracene	21.256	228	118384	2.123	ng/u1	96
87) Chrysene	21.309	228	142290	2.791	ng/u1	99
90) Benzo(b)fluoranthene	22.909	252	91296	1.709	ng/u1#	90

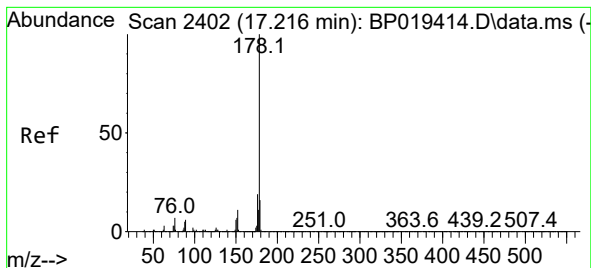
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 4.048 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP019427.D

Acq: 23 Jan 2024 19:00

Instrument :

BNA_P

ClientSampleId :

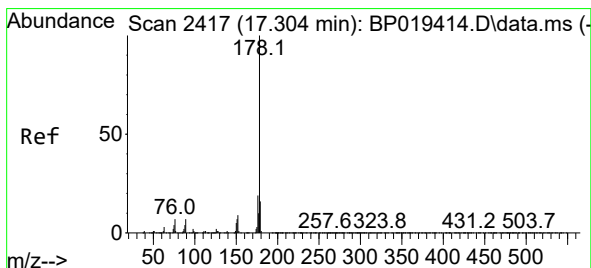
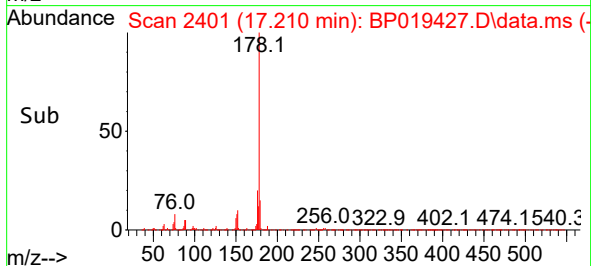
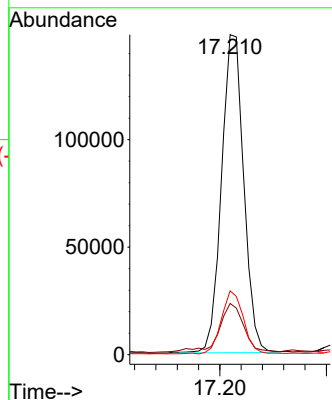
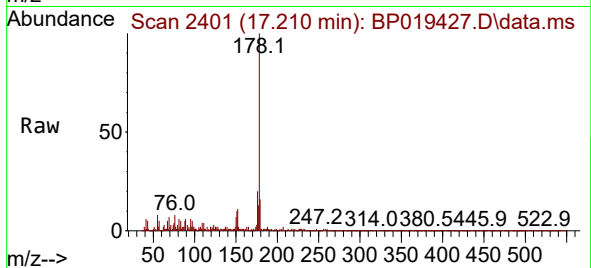
Tgt Ion:178 Resp: 213909

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 19.9 15.4 23.2



#74

Anthracene

Concen: 4.000 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.095 min

Lab File: BP019427.D

Acq: 23 Jan 2024 19:00

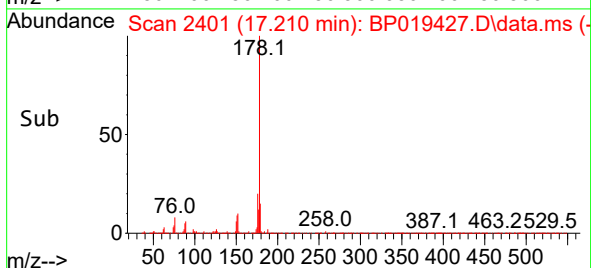
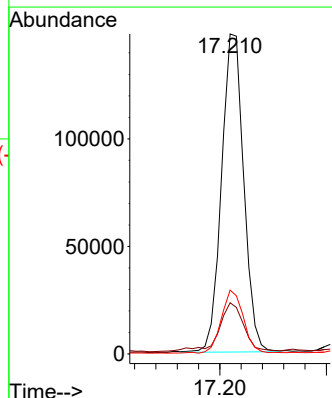
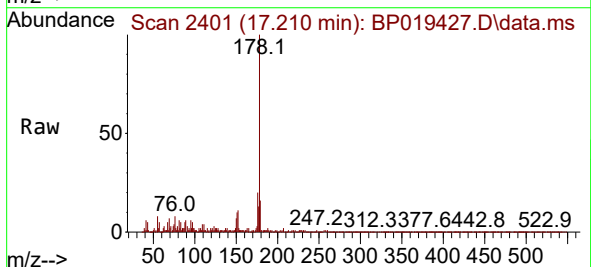
Tgt Ion:178 Resp: 214268

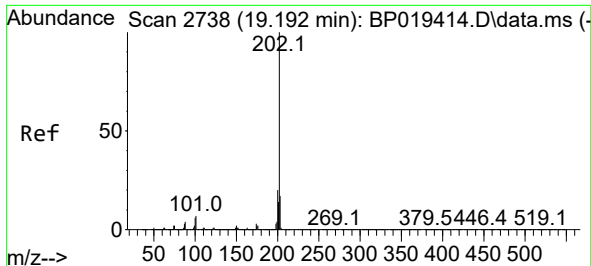
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 19.9 14.6 22.0

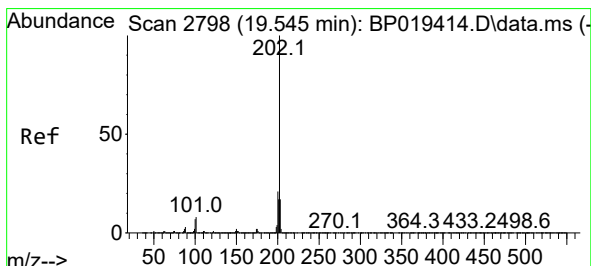
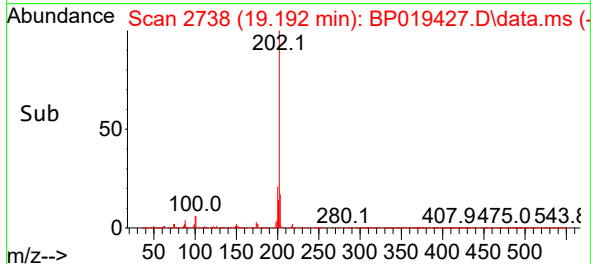
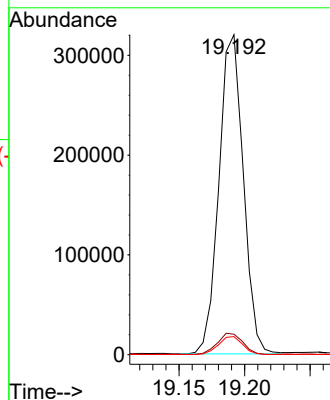
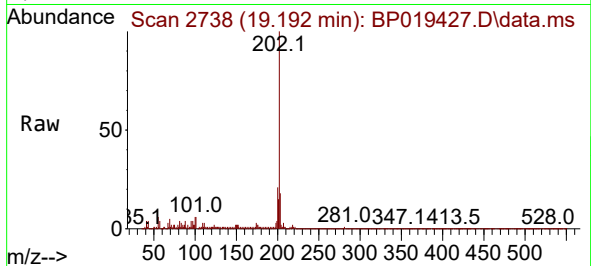




#80
Fluoranthene
Concen: 7.479 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BP019427.D
Acq: 23 Jan 2024 19:00

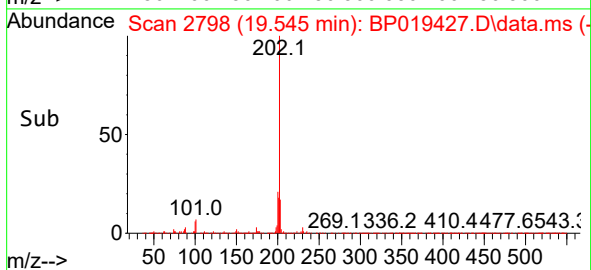
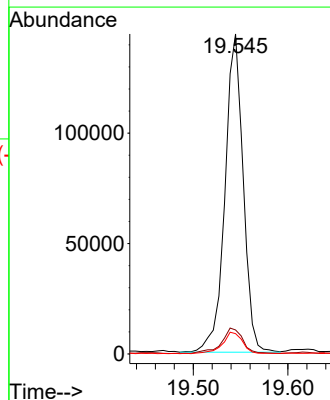
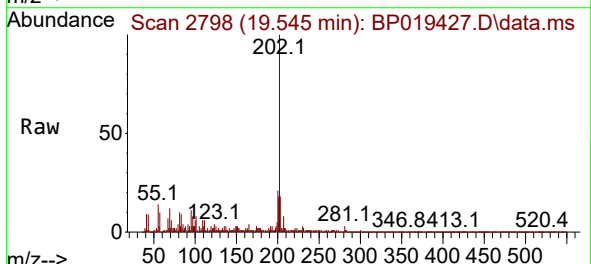
Instrument :
BNA_P
ClientSampleId :

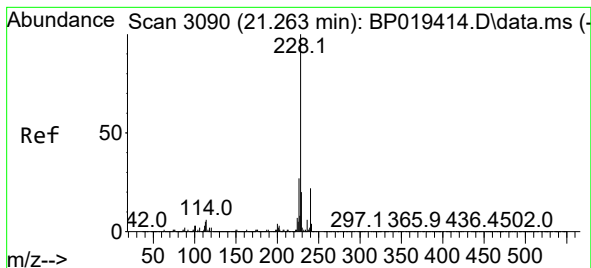
Tgt Ion:202 Resp: 412970
Ion Ratio Lower Upper
202 100
101 6.4 5.9 8.9
100 5.7 4.6 7.0



#82
Pyrene
Concen: 3.446 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BP019427.D
Acq: 23 Jan 2024 19:00

Tgt Ion:202 Resp: 193093
Ion Ratio Lower Upper
202 100
101 7.5 7.2 10.8
100 6.4 5.8 8.6





#85

Benzo(a)anthracene

Concen: 2.123 ng/ul

RT: 21.256 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019427.D

Acq: 23 Jan 2024 19:00

Instrument :

BNA_P

ClientSampleId :

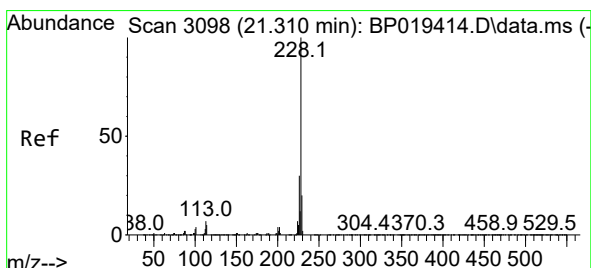
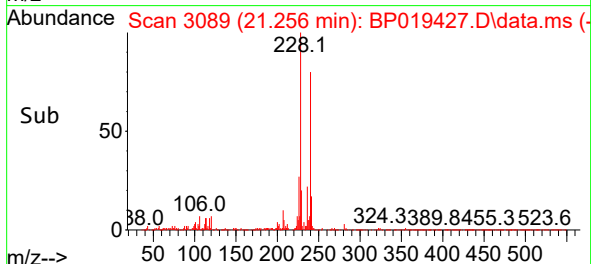
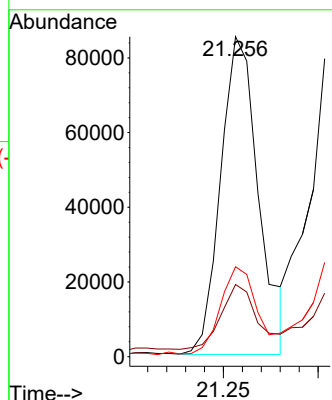
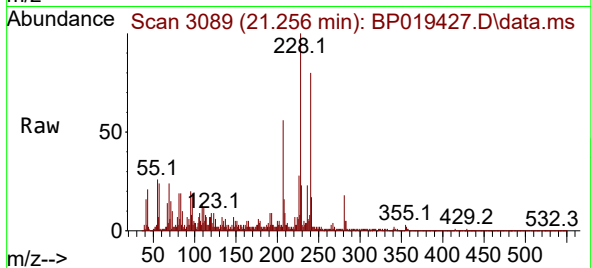
Tgt Ion:228 Resp: 118384

Ion Ratio Lower Upper

228 100

229 22.6 15.8 23.6

226 28.1 21.6 32.4



#87

Chrysene

Concen: 2.791 ng/ul

RT: 21.309 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019427.D

Acq: 23 Jan 2024 19:00

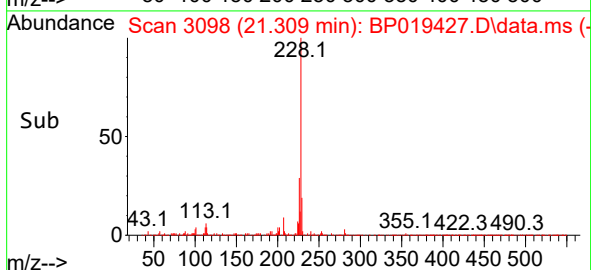
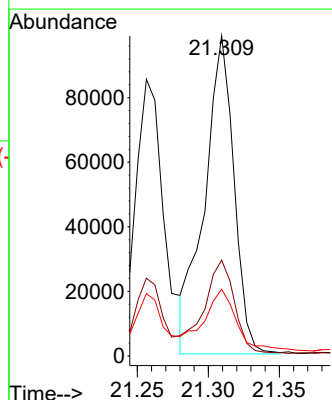
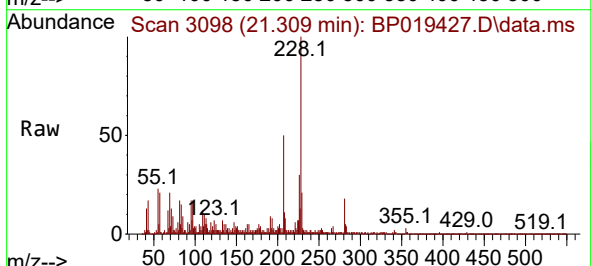
Tgt Ion:228 Resp: 142290

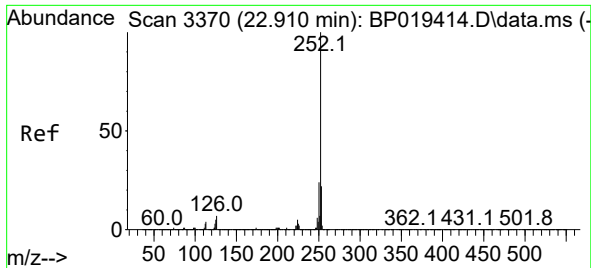
Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

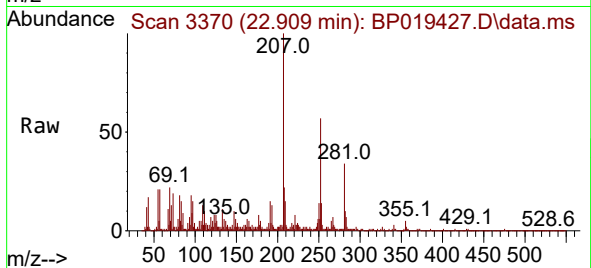
229 20.9 15.5 23.3





#90
 Benzo(b)fluoranthene
 Concen: 1.709 ng/ul
 RT: 22.909 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP019427.D
 Acq: 23 Jan 2024 19:00

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:252 Resp: 91296
 Ion Ratio Lower Upper
 252 100
 253 25.1 17.8 26.8
 125 14.4 4.9 7.3#

