

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019426.D
 Acq On : 23 Jan 2024 18:26
 Operator : MA/JU
 Sample : P1157-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 24 00:06:32 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)

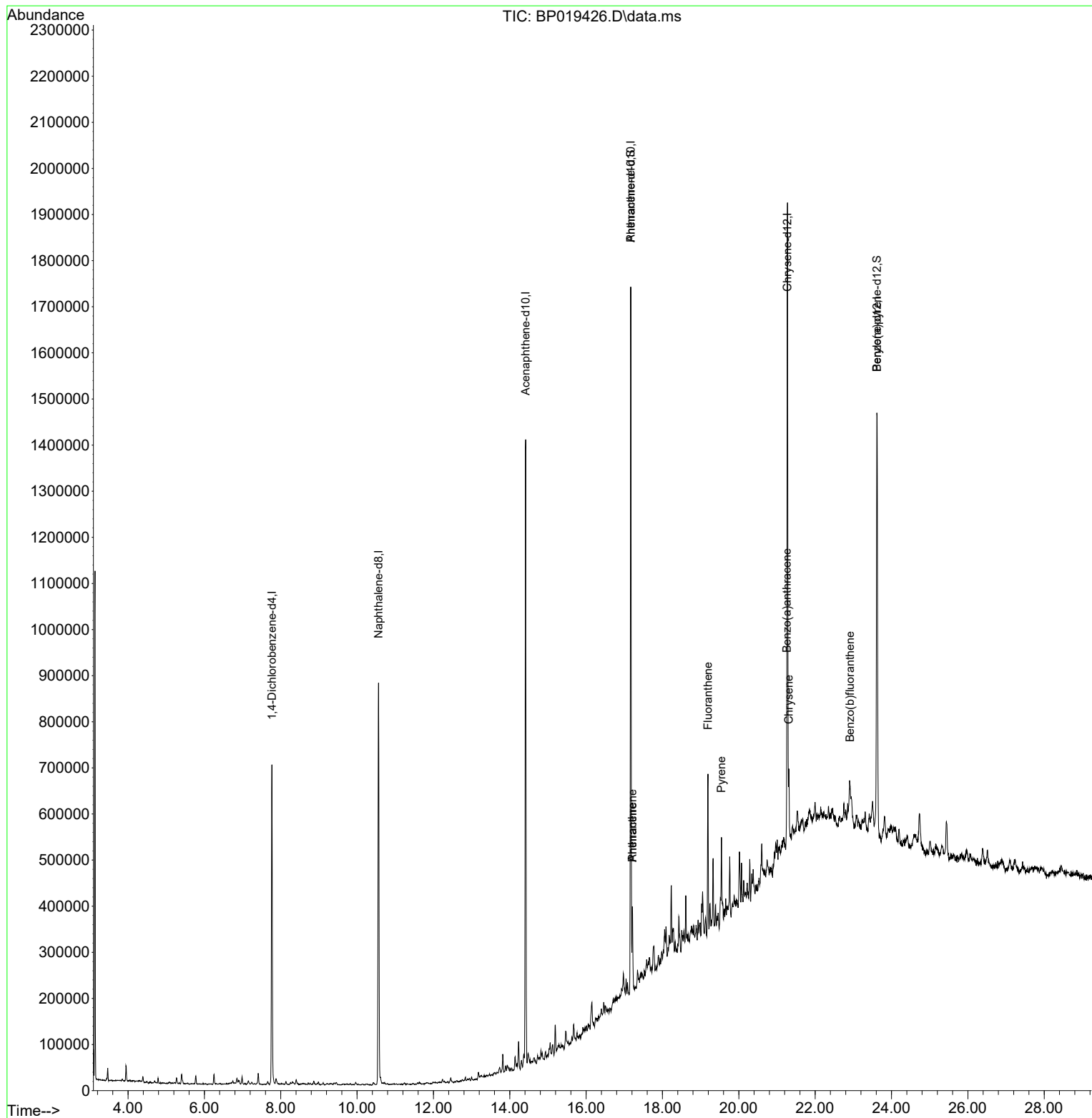
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	178303	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	681806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	454923	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	894443	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	664727	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	744377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	154	0.033	ng/uL	-0.08
4) Pyridine-d5	3.634	84	173	0.013	ng/u1	0.00
7) Phenol-d5	6.958	99	13	0.001	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	135	0.013	ng/u1	0.00
11) 2-Chlorophenol-d4	7.293	132	50	0.004	ng/u1	-0.01
15) 4-Methylphenol-d8	8.499	113	11	0.001	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	8	0.001	ng/u1	-0.18
24) 2-Nitrophenol-d4	9.657	143	7	0.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	10	0.001	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	10	0.001	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	72	0.002	ng/u1	0.01
49) Acenaphthylene-d8	14.110	160	278	0.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	144	0.023	ng/u1	0.00
60) Fluorene-d10	15.416	176	672	0.020	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	215	0.033	ng/u1	-0.15
73) Anthracene-d10	17.169	188	894443	20.050	ng/u1	-0.11
81) Pyrene-d10	19.522	212	234	0.005	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	737295	18.216	ng/u1	0.15
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	105968	2.109	ng/u1	98
74) Anthracene	17.210	178	106134	2.084	ng/u1	98
80) Fluoranthene	19.192	202	206190	4.024	ng/u1	99
82) Pyrene	19.545	202	113449	2.182	ng/u1	98
85) Benzo(a)anthracene	21.257	228	65939	1.274	ng/u1	97
87) Chrysene	21.310	228	90901	1.922	ng/u1	98
90) Benzo(b)fluoranthene	22.910	252	72008	1.354	ng/u1#	90

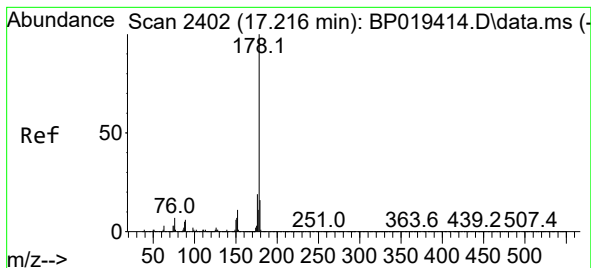
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 2.109 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP019426.D

Acq: 23 Jan 2024 18:26

Instrument :

BNA_P

ClientSampleId :

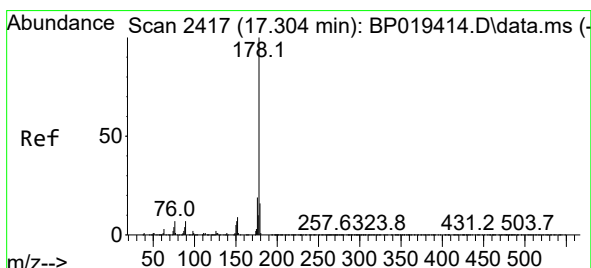
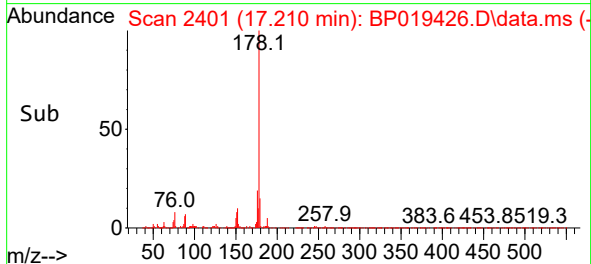
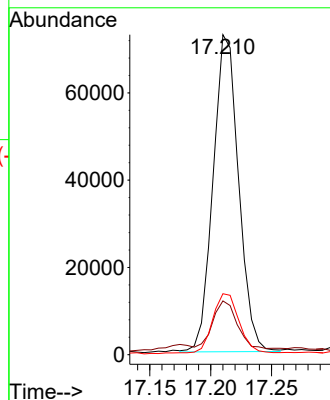
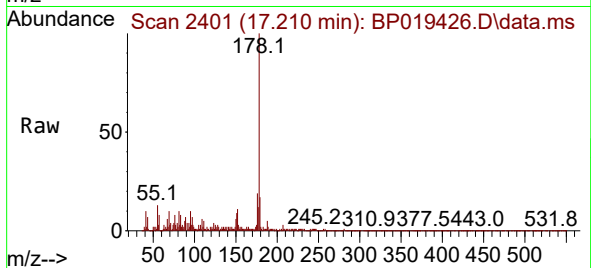
Tgt Ion:178 Resp: 105968

Ion Ratio Lower Upper

178 100

179 16.8 12.1 18.1

176 19.0 15.4 23.2



#74

Anthracene

Concen: 2.084 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.094 min

Lab File: BP019426.D

Acq: 23 Jan 2024 18:26

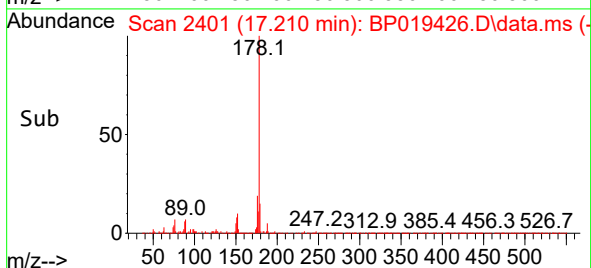
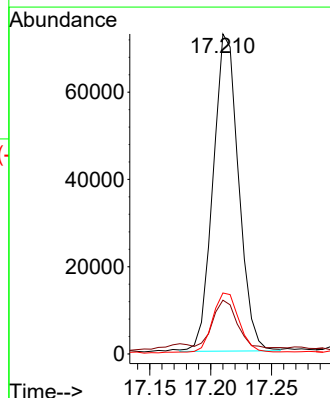
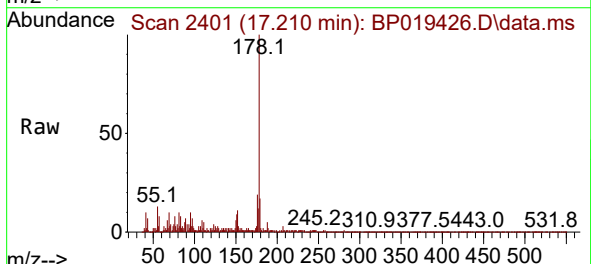
Tgt Ion:178 Resp: 106134

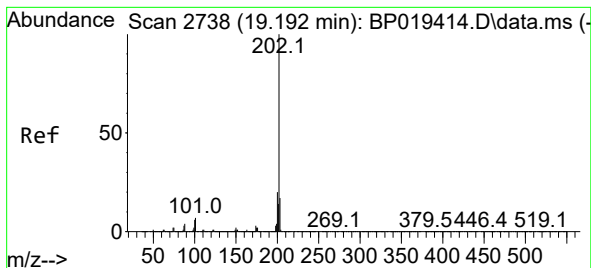
Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

176 19.0 14.6 22.0





#80

Fluoranthene

Concen: 4.024 ng/ul

RT: 19.192 min Scan# 2738

Delta R.T. 0.000 min

Lab File: BP019426.D

Acq: 23 Jan 2024 18:26

Instrument :

BNA_P

ClientSampleId :

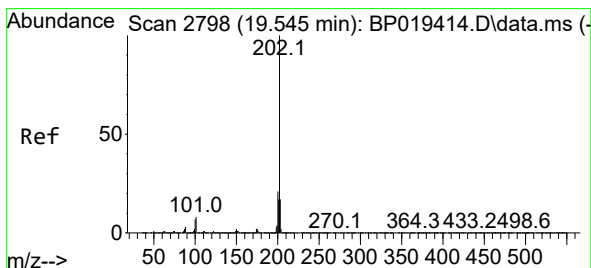
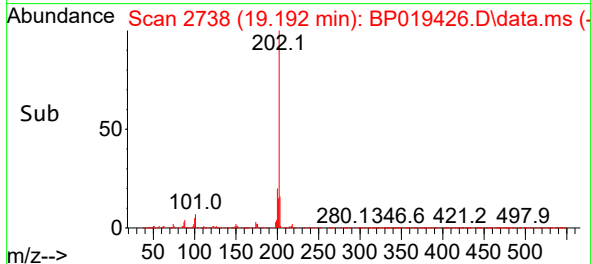
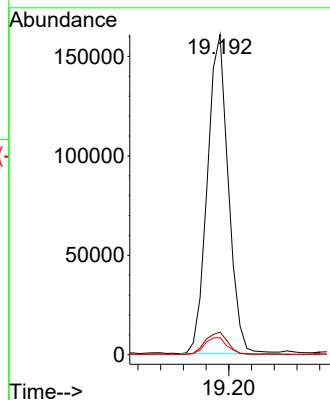
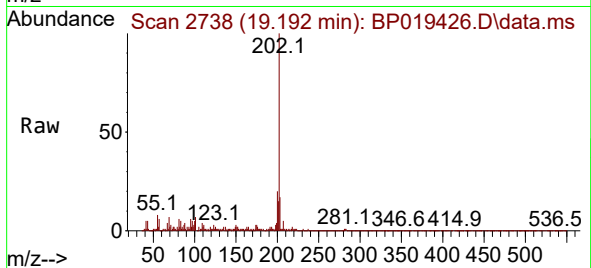
Tgt Ion:202 Resp: 206190

Ion Ratio Lower Upper

202 100

101 7.0 5.9 8.9

100 5.4 4.6 7.0



#82

Pyrene

Concen: 2.182 ng/ul

RT: 19.545 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BP019426.D

Acq: 23 Jan 2024 18:26

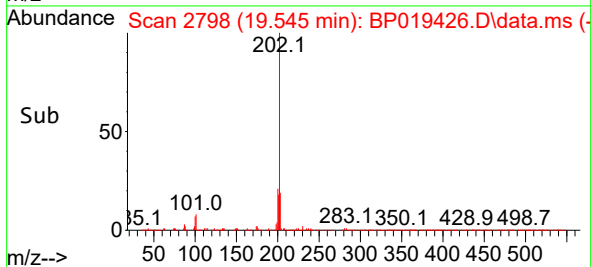
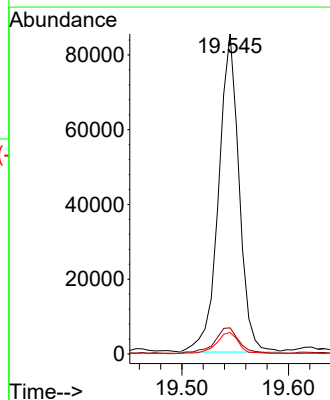
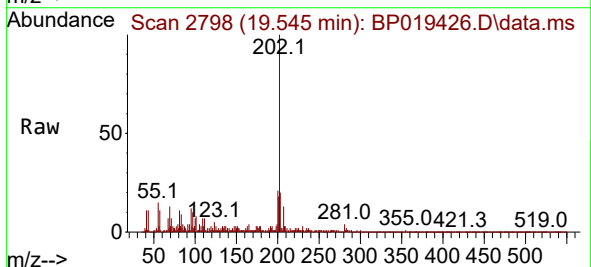
Tgt Ion:202 Resp: 113449

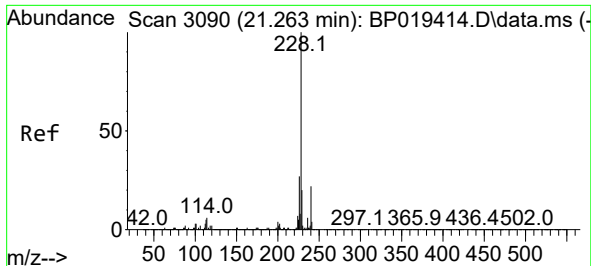
Ion Ratio Lower Upper

202 100

101 8.1 7.2 10.8

100 6.7 5.8 8.6

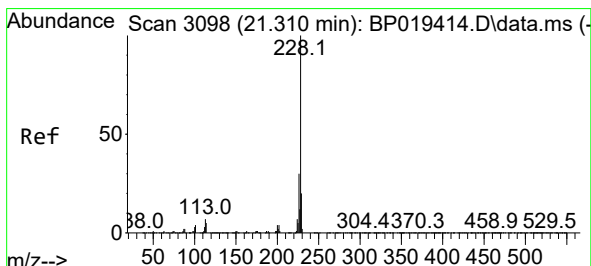
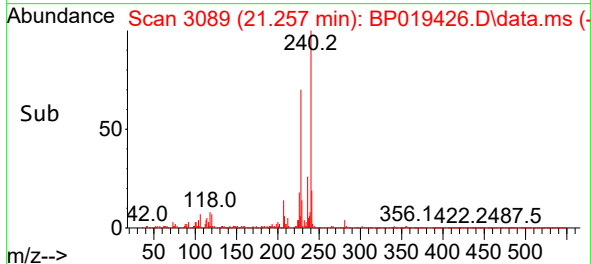
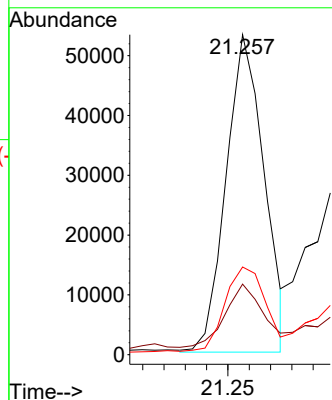
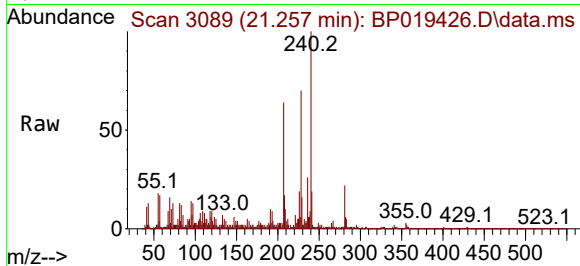




#85
Benzo(a)anthracene
Concen: 1.274 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP019426.D
Acq: 23 Jan 2024 18:26

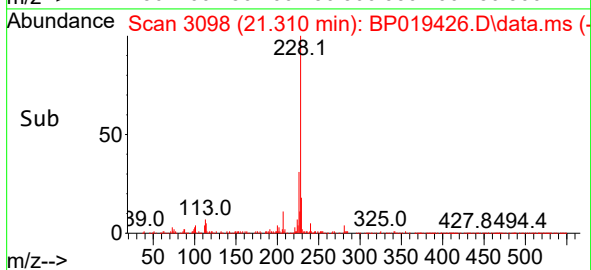
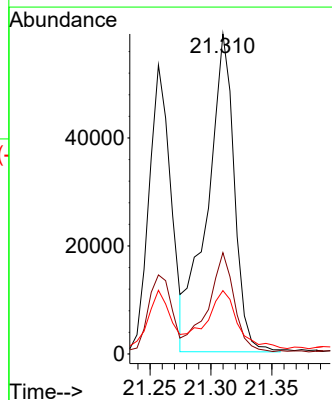
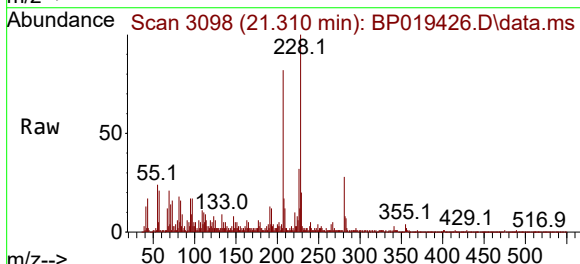
Instrument :
BNA_P
ClientSampleId :

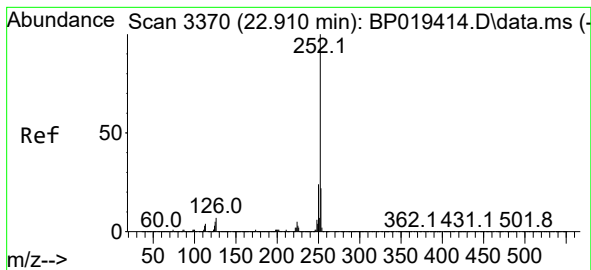
Tgt Ion:228 Resp: 65939
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 27.4 21.6 32.4



#87
Chrysene
Concen: 1.922 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019426.D
Acq: 23 Jan 2024 18:26

Tgt Ion:228 Resp: 90901
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 19.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 1.354 ng/ul

RT: 22.910 min Scan# 31

Delta R.T. 0.000 min

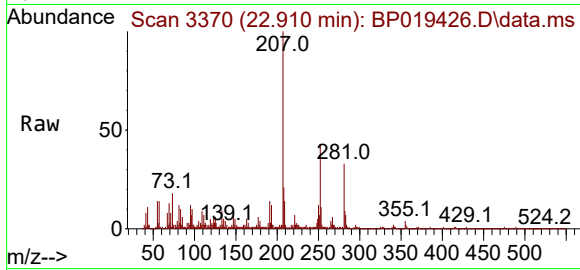
Lab File: BP019426.D

Acq: 23 Jan 2024 18:26

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 72008

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.8

125 13.3 4.9 7.3#

