

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019425.D
 Acq On : 23 Jan 2024 17:52
 Operator : MA/JU
 Sample : P1157-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 24 00:06:12 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

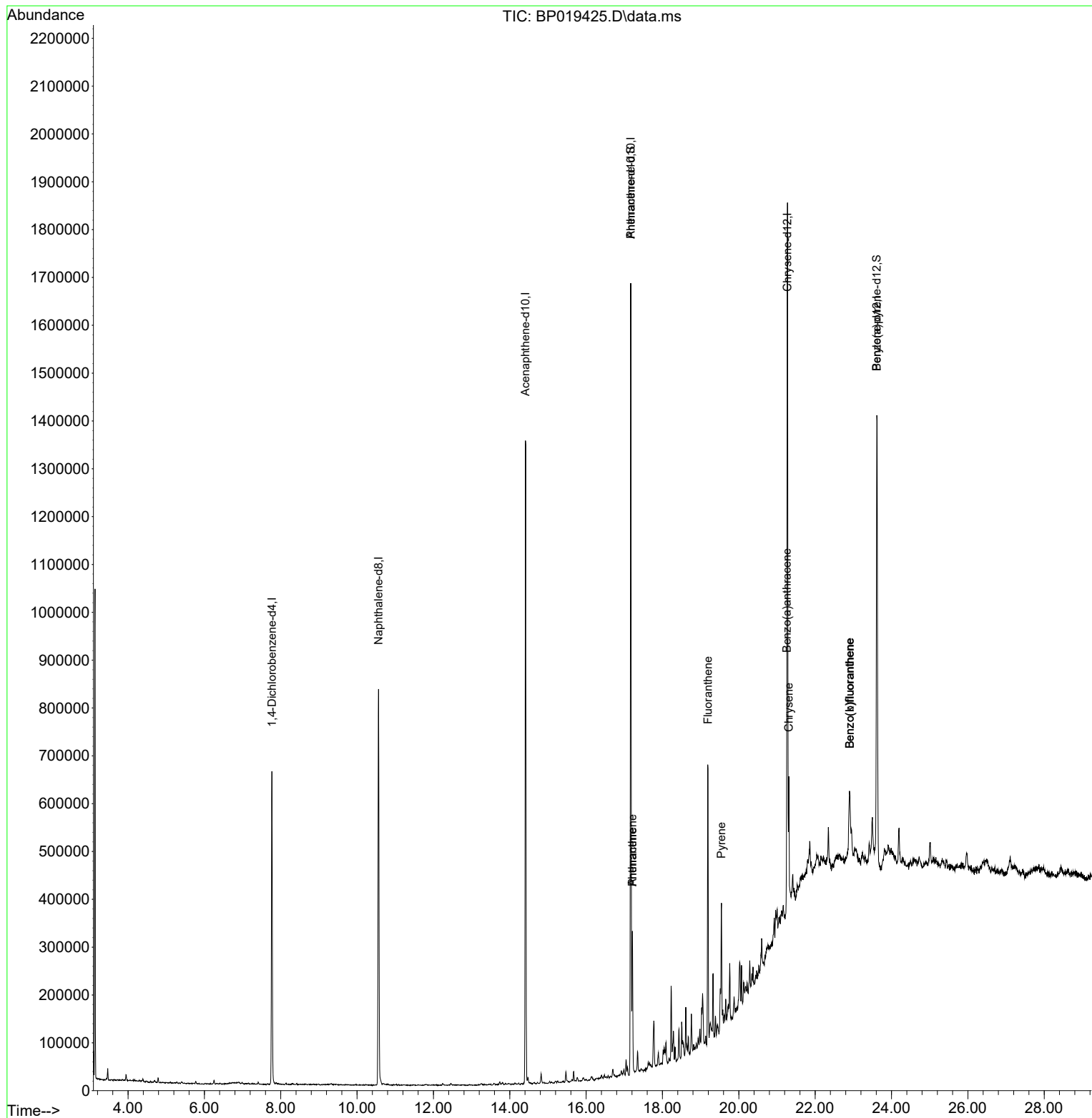
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	172542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	655990	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	458188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	974509	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	707787	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	771512	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	160	0.035	ng/uL	0.00
4) Pyridine-d5	3.634	84	124	0.009	ng/ul	0.00
7) Phenol-d5	6.969	99	8	0.000	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	125	0.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	26	0.002	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	13	0.001	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	11	0.002	ng/ul	-0.10
24) 2-Nitrophenol-d4	9.657	143	12	0.002	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	22	0.002	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.710	131	9	0.001	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	14	0.000	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	93	0.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	23	0.004	ng/ul	0.00
60) Fluorene-d10	15.416	176	409	0.012	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	60	0.008	ng/ul	0.00
73) Anthracene-d10	17.169	188	974509	20.050	ng/ul	-0.11
81) Pyrene-d10	19.522	212	226	0.005	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	753590	17.964	ng/ul	0.14
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	171175	3.127	ng/ul	99
74) Anthracene	17.210	178	171109	3.083	ng/ul	98
80) Fluoranthene	19.192	202	361631	6.629	ng/ul	98
82) Pyrene	19.545	202	168251	3.039	ng/ul	97
85) Benzo(a)anthracene	21.257	228	123534	2.242	ng/ul	99
87) Chrysene	21.310	228	155430	3.086	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	115391	2.093	ng/ul#	97
91) Benzo(k)fluoranthene	22.904	252	115391	2.157	ng/ul#	95

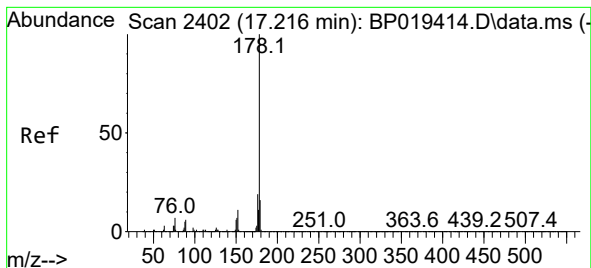
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.127 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

Instrument :

BNA_P

ClientSampleId :

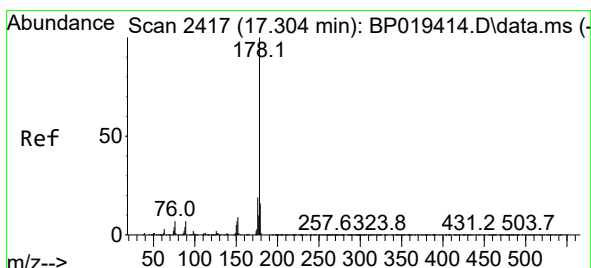
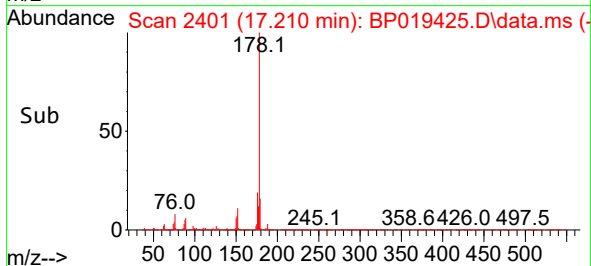
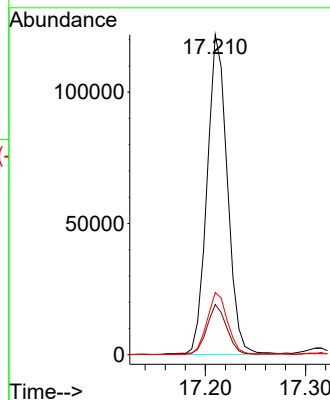
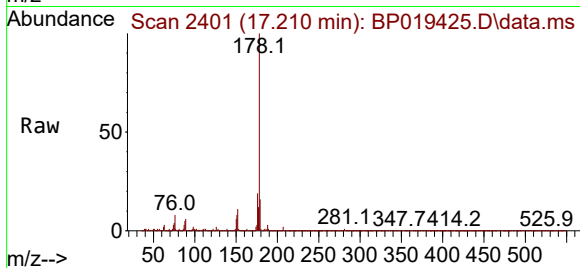
Tgt Ion:178 Resp: 171175

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.4 15.4 23.2



#74

Anthracene

Concen: 3.083 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.094 min

Lab File: BP019425.D

Acq: 23 Jan 2024 17:52

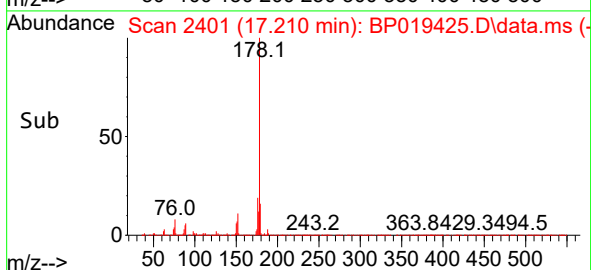
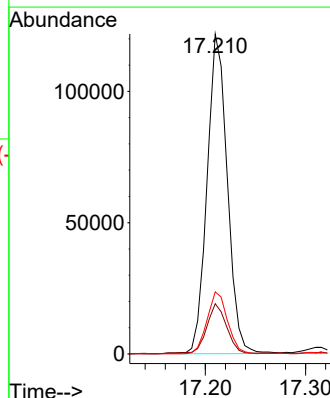
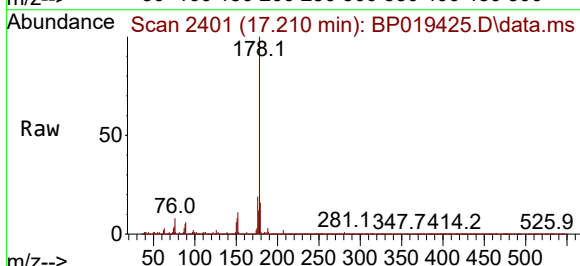
Tgt Ion:178 Resp: 171109

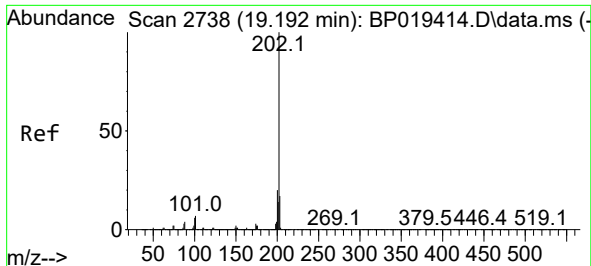
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.4 14.6 22.0

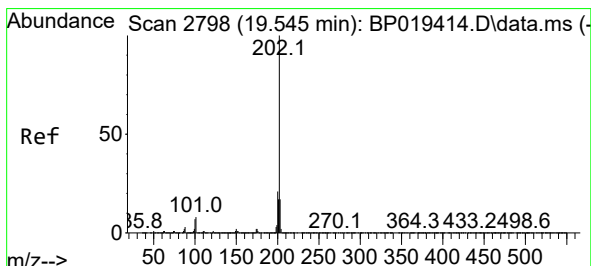
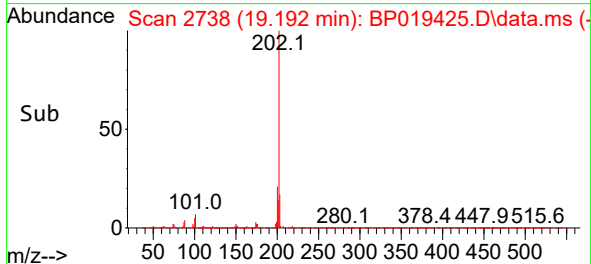
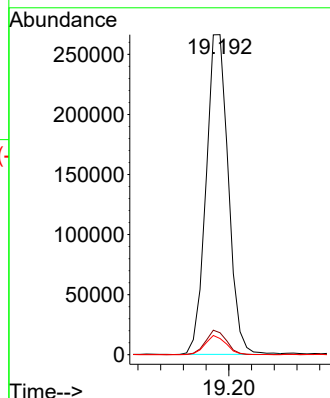
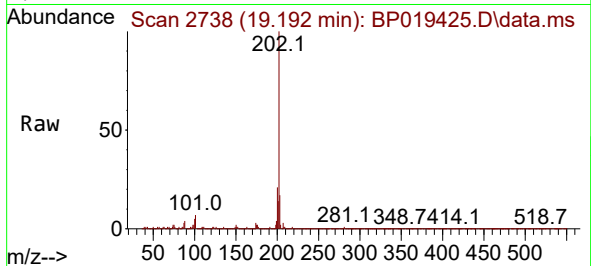




#80
Fluoranthene
Concen: 6.629 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

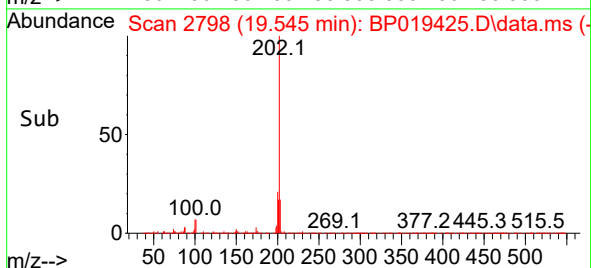
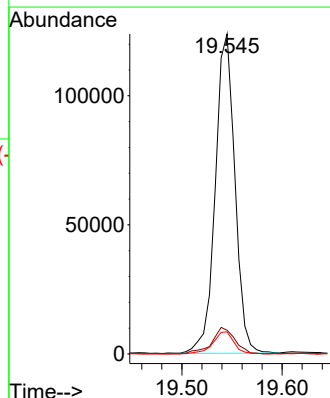
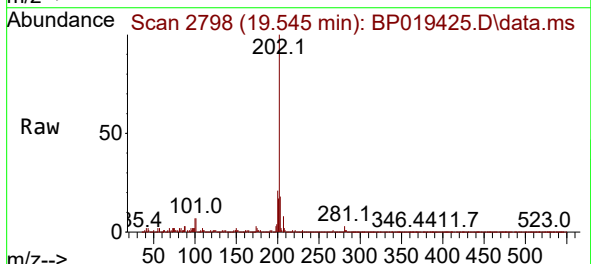
Instrument :
BNA_P
ClientSampleId :

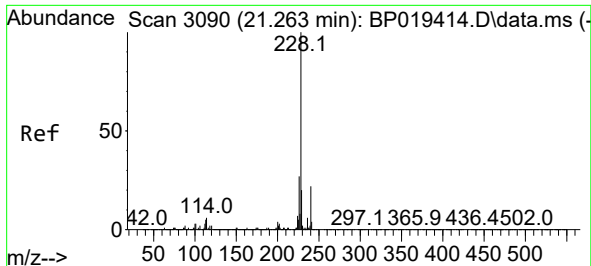
Tgt Ion:202 Resp: 361631
Ion Ratio Lower Upper
202 100
101 6.8 5.9 8.9
100 5.1 4.6 7.0



#82
Pyrene
Concen: 3.039 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

Tgt Ion:202 Resp: 168251
Ion Ratio Lower Upper
202 100
101 7.4 7.2 10.8
100 6.9 5.8 8.6

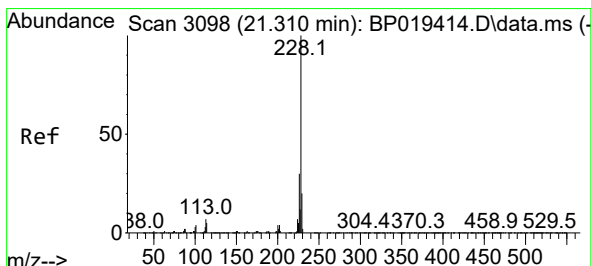
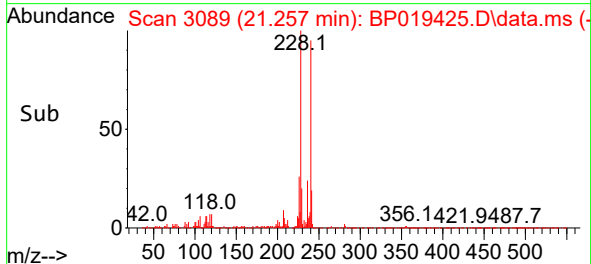
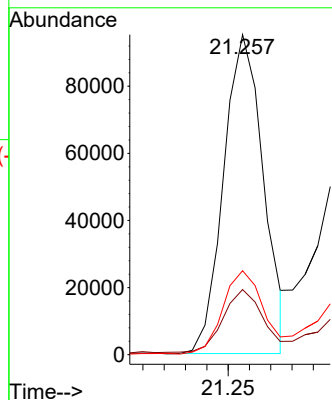
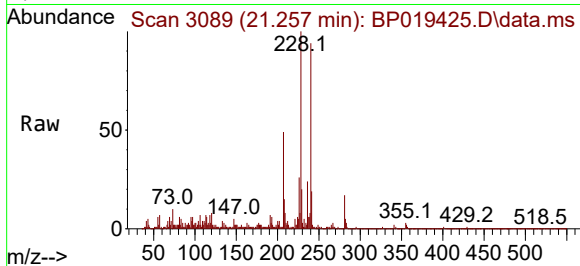




#85
Benzo(a)anthracene
Concen: 2.242 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

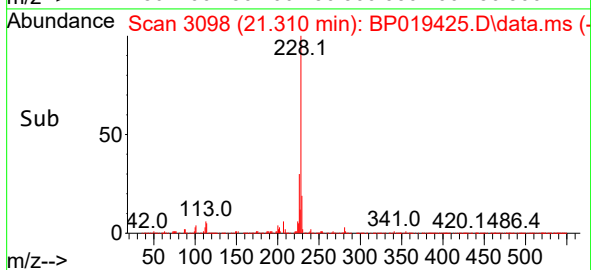
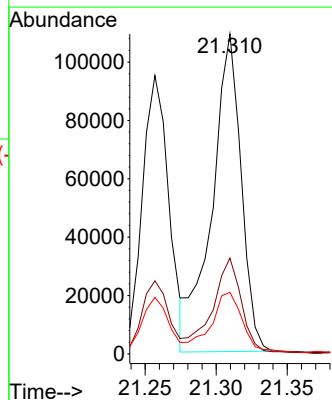
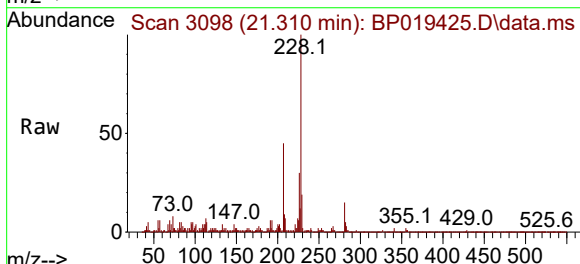
Instrument :
BNA_P
ClientSampleId :

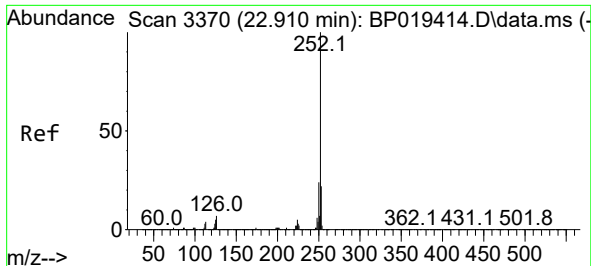
Tgt Ion:228 Resp: 123534
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 26.3 21.6 32.4



#87
Chrysene
Concen: 3.086 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

Tgt Ion:228 Resp: 155430
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.3 15.5 23.3

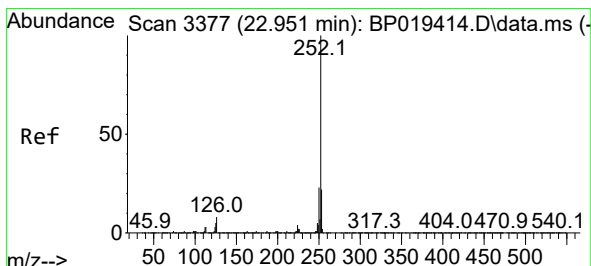
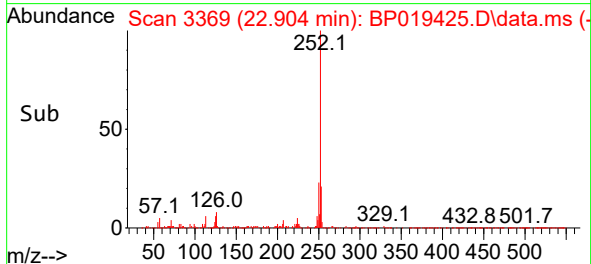
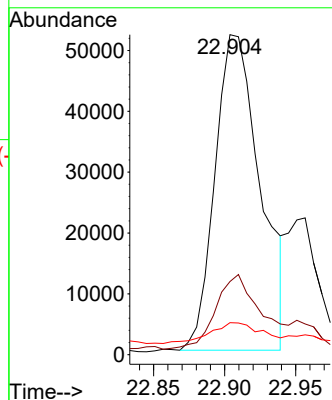
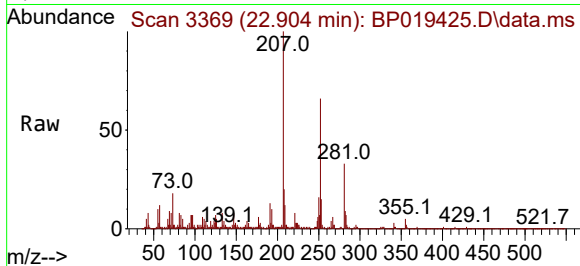




#90
Benzo(b)fluoranthene
Concen: 2.093 ng/ul
RT: 22.904 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 115391
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.0 4.9 7.3#



#91
Benzo(k)fluoranthene
Concen: 2.157 ng/ul
RT: 22.904 min Scan# 3369
Delta R.T. -0.053 min
Lab File: BP019425.D
Acq: 23 Jan 2024 17:52

Tgt Ion:252 Resp: 115391
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.0 4.8 7.2#

