

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016310.D
 Acq On : 19 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03501-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 01:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

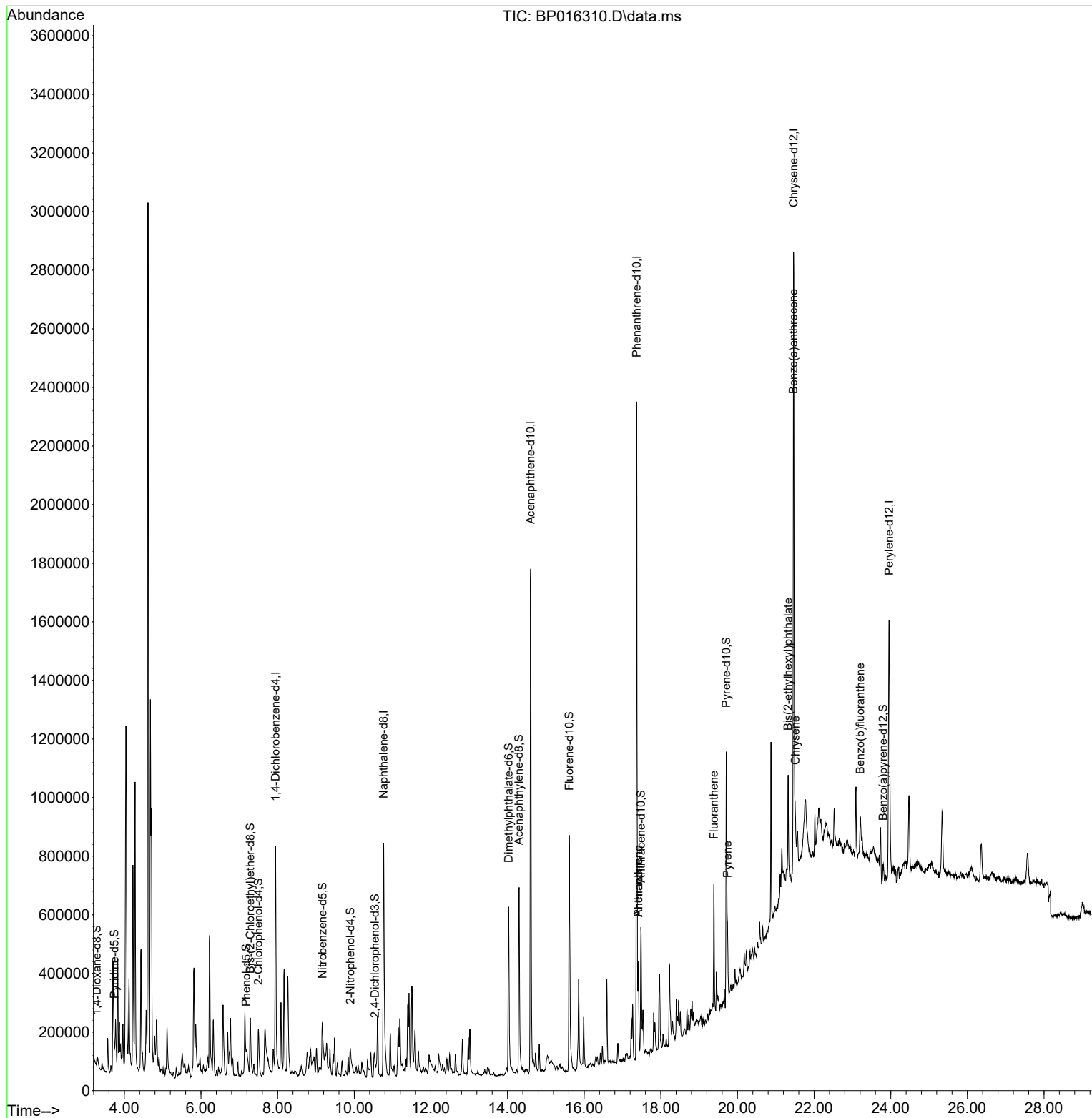
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	230201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	789372	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	624776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1335921	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1081174	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	792154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9685	1.489	ng/uL	0.00
4) Pyridine-d5	3.740	84	23123	1.425	ng/ul	0.01
7) Phenol-d5	7.181	99	102093	4.910	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.287	67	113500	8.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	90152	6.006	ng/ul	0.02
15) 4-Methylphenol-d8	8.699	113	43	0.003	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	64400	11.826	ng/ul	0.03
24) 2-Nitrophenol-d4	9.899	143	51909	8.363	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.540	165	18441	1.716	ng/ul	0.11
31) 4-Chloroaniline-d4	10.946	131	28	0.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	505596	10.609	ng/ul	0.01
49) Acenaphthylene-d8	14.298	160	467343	8.948	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	45	0.005	ng/ul	0.00
60) Fluorene-d10	15.610	176	400679	10.046	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.940	200	408	0.053	ng/ul	0.16
73) Anthracene-d10	17.481	188	323104	5.529	ng/ul	0.00
81) Pyrene-d10	19.710	212	437896	7.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	71760	1.886	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.416	178	190319	2.734	ng/ul	99
74) Anthracene	17.416	178	190319	2.721	ng/ul	99
80) Fluoranthene	19.386	202	274498	4.184	ng/ul	98
82) Pyrene	19.739	202	154773	2.210	ng/ul	98
85) Benzo(a)anthracene	21.457	228	101668	1.444	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.322	149	92408	2.048	ng/ul	97
87) Chrysene	21.510	228	115968	1.626	ng/ul	92
90) Benzo(b)fluoranthene	23.204	252	109167	2.413	ng/ul#	88

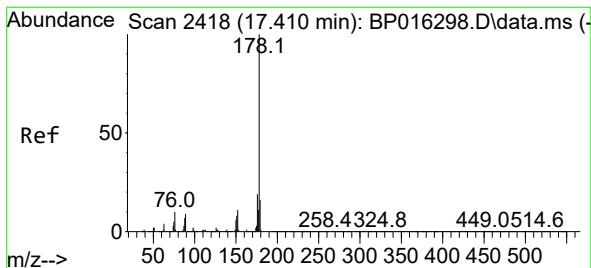
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Jul 19 01:32:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.734 ng/ul

RT: 17.416 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

Instrument :

BNA_M

ClientSampleId :

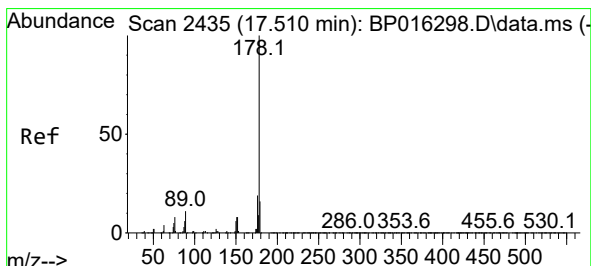
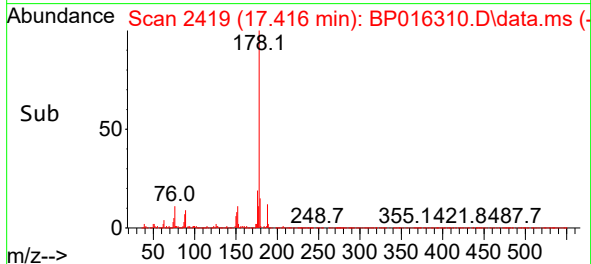
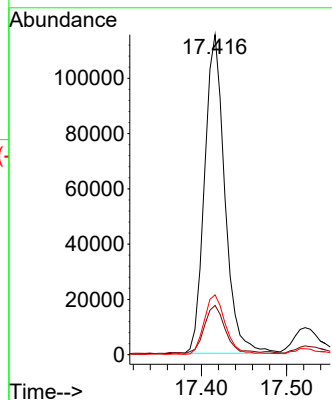
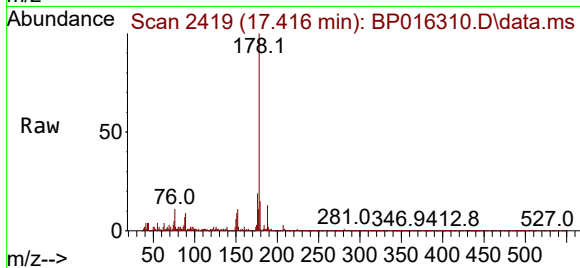
Tgt Ion:178 Resp: 190319

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.7 15.6 23.4



#74

Anthracene

Concen: 2.721 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. -0.094 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

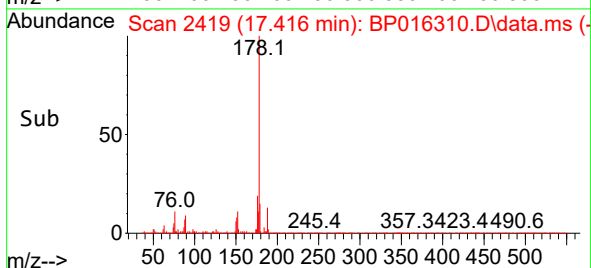
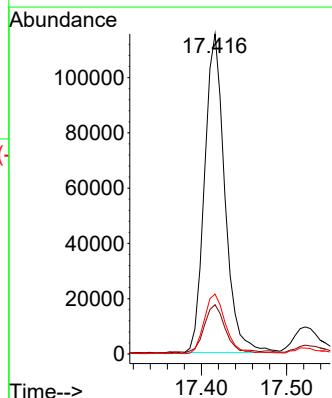
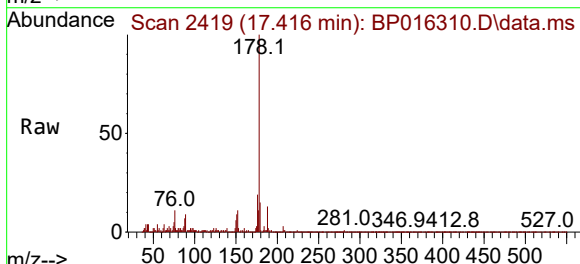
Tgt Ion:178 Resp: 190319

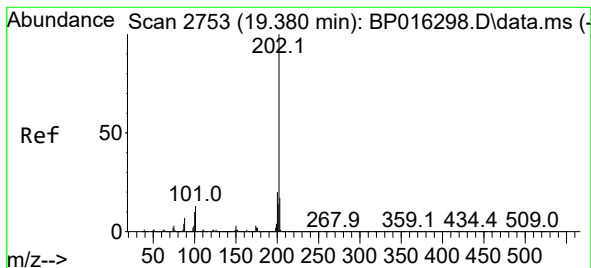
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 18.7 15.0 22.4





#80

Fluoranthene

Concen: 4.184 ng/ul

RT: 19.386 min Scan# 2753

Delta R.T. 0.006 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

Instrument :

BNA_M

ClientSampleId :

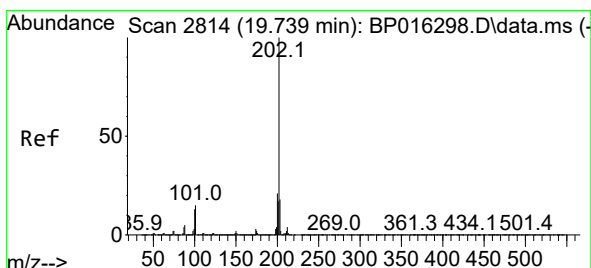
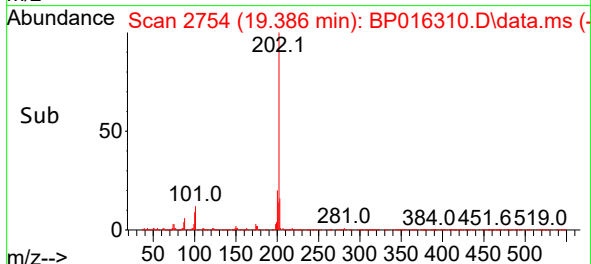
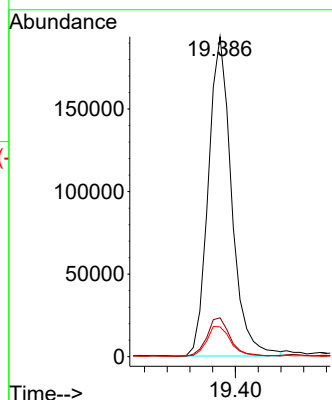
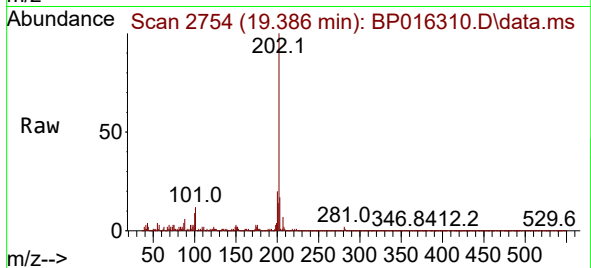
Tgt Ion:202 Resp: 274498

Ion Ratio Lower Upper

202 100

101 12.1 10.4 15.6

100 9.3 8.2 12.4



#82

Pyrene

Concen: 2.210 ng/ul

RT: 19.739 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

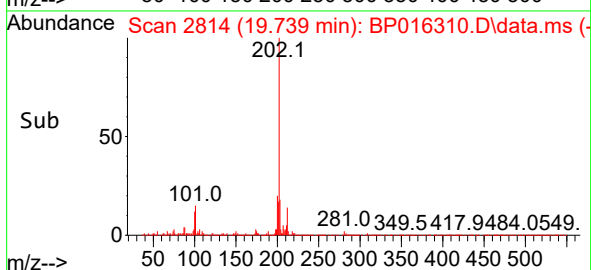
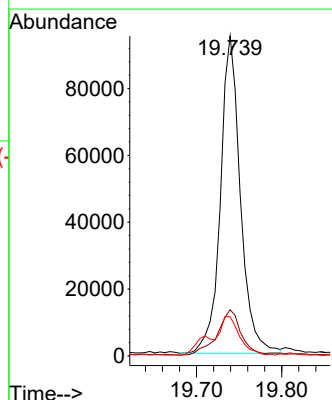
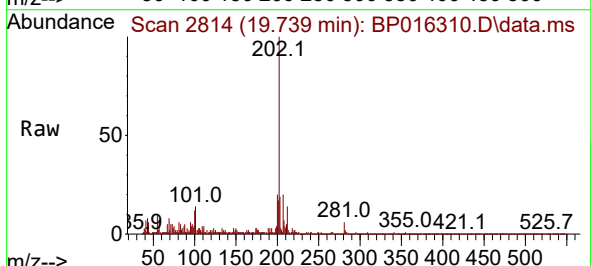
Tgt Ion:202 Resp: 154773

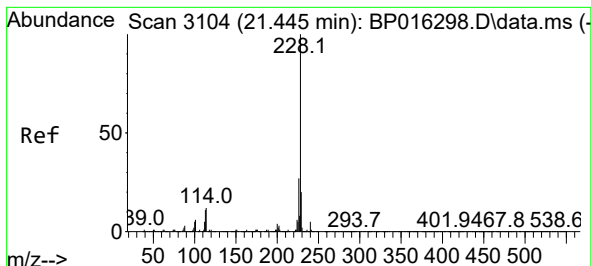
Ion Ratio Lower Upper

202 100

101 14.4 12.4 18.6

100 12.2 10.5 15.7





#85

Benzo(a)anthracene

Concen: 1.444 ng/ul

RT: 21.457 min Scan# 3104

Delta R.T. 0.012 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

Instrument :

BNA_M

ClientSampleId :

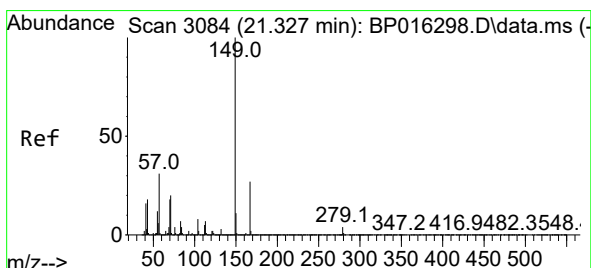
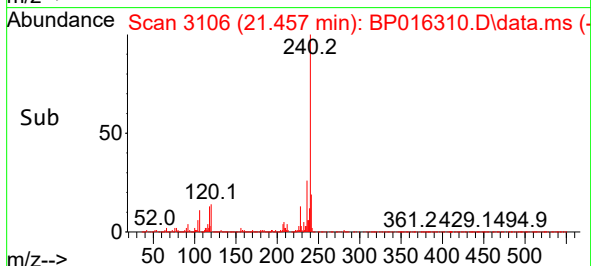
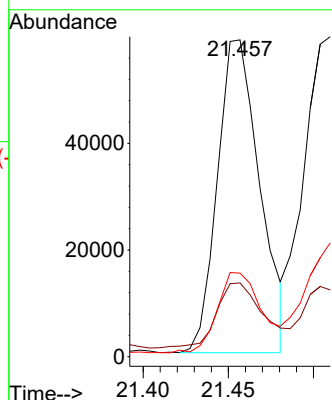
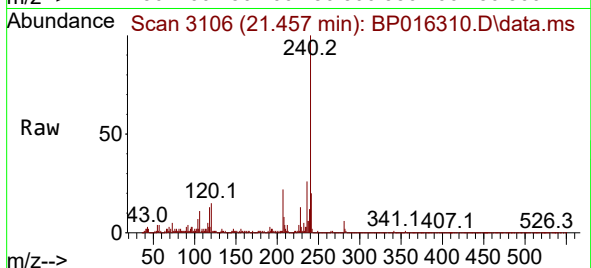
Tgt Ion:228 Resp: 101668

Ion Ratio Lower Upper

228 100

229 23.3 15.5 23.3#

226 26.4 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.048 ng/ul

RT: 21.322 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

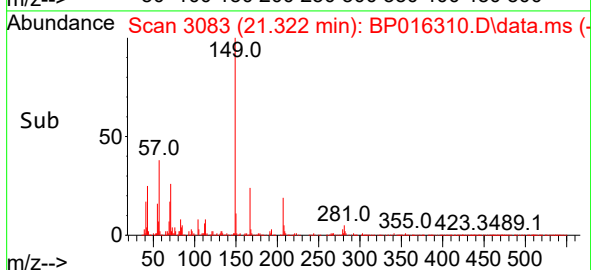
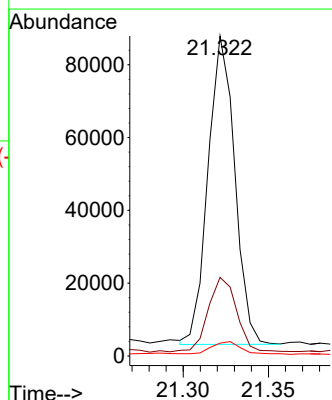
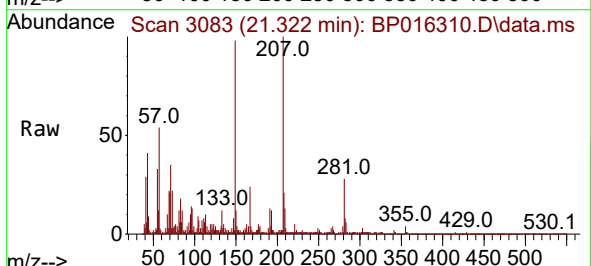
Tgt Ion:149 Resp: 92408

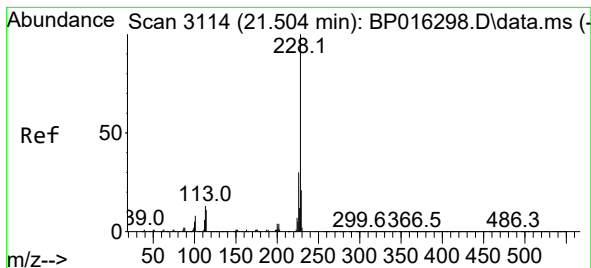
Ion Ratio Lower Upper

149 100

167 24.5 21.0 31.4

279 4.0 3.0 4.6





#87

Chrysene

Concen: 1.626 ng/ul

RT: 21.510 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

Instrument :

BNA_M

ClientSampleId :

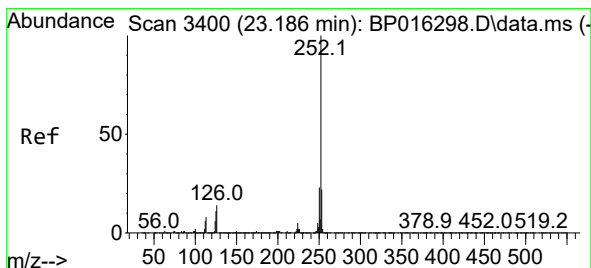
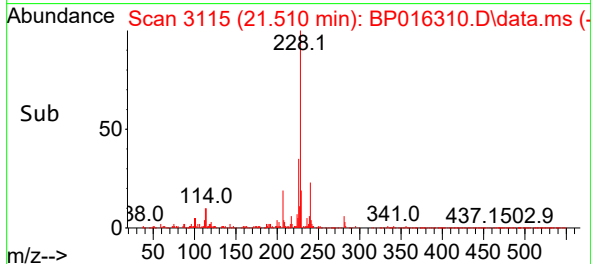
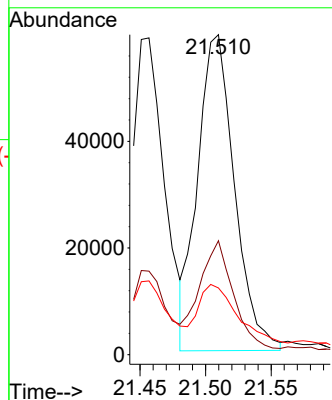
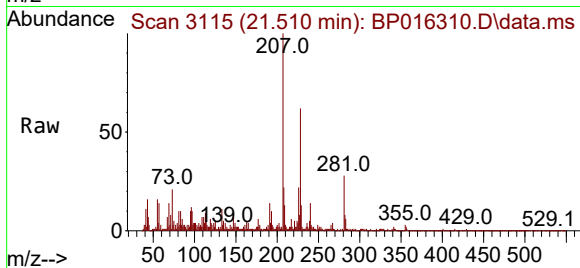
Tgt Ion:228 Resp: 115968

Ion Ratio Lower Upper

228 100

226 35.6 24.0 36.0

229 20.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.413 ng/ul

RT: 23.204 min Scan# 3403

Delta R.T. 0.018 min

Lab File: BP016310.D

Acq: 19 Jul 2023 00:53

Tgt Ion:252 Resp: 109167

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 19.0 9.4 14.0#

