

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
 Data File : BP016220.D
 Acq On : 14 Jul 2023 11:40
 Operator : MA/JU
 Sample : 03418-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46K0

Quant Time: Jul 14 22:20:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

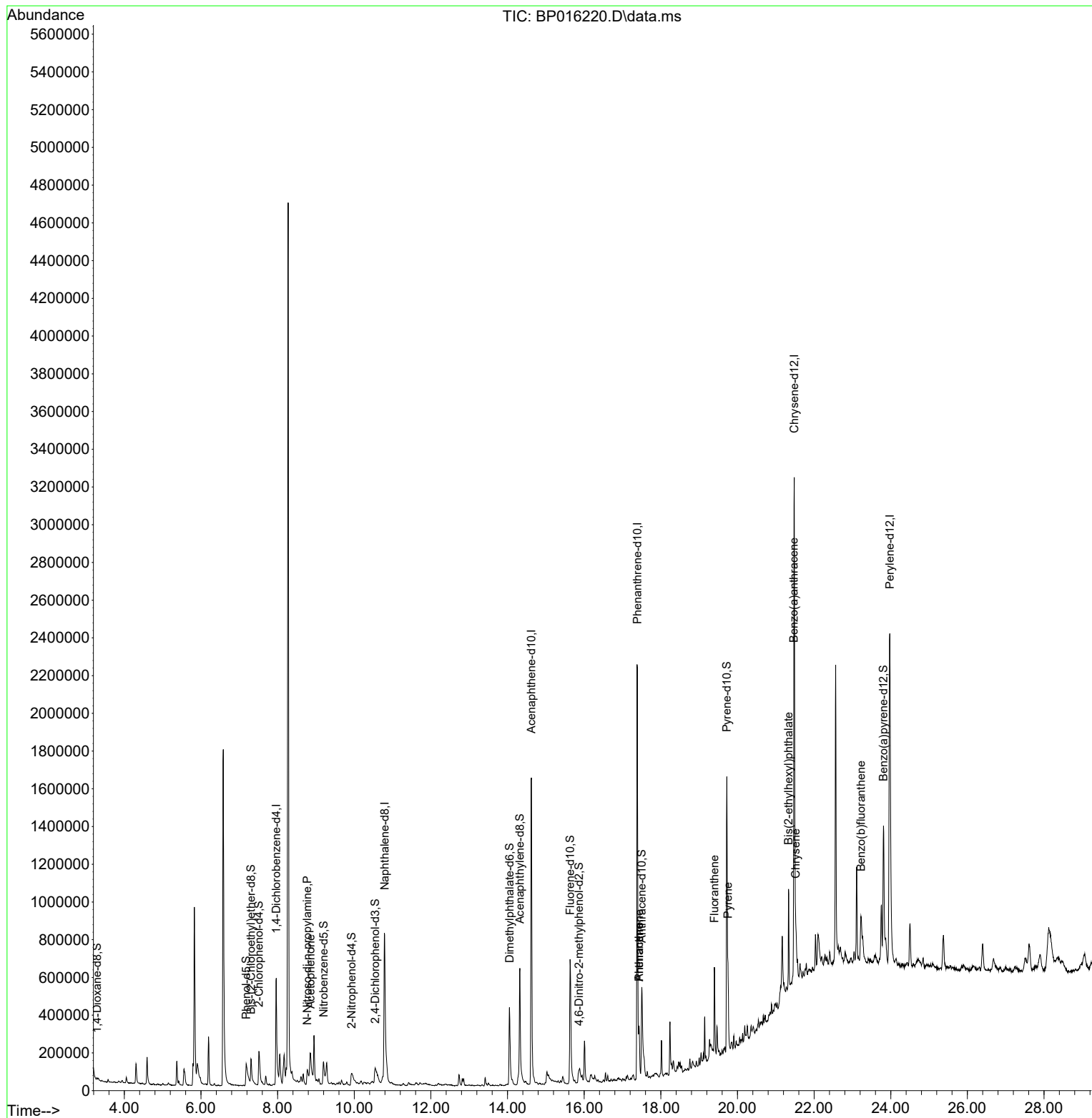
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	201572	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	965129	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.622	164	641424	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1478427	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1514529	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1696910	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	6642	1.166	ng/uL	0.00
4) Pyridine-d5	3.740	84	1174	0.083	ng/ul	0.00
7) Phenol-d5	7.181	99	129248	7.099	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.305	67	90137	7.321	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	99840	7.596	ng/ul	0.01
15) 4-Methylphenol-d8	8.693	113	22	0.001	ng/ul	-0.02
21) Nitrobenzene-d5	9.199	128	47650	7.156	ng/ul	0.04
24) 2-Nitrophenol-d4	9.928	143	52037	6.857	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.546	165	26433	2.011	ng/ul	0.09
31) 4-Chloroaniline-d4	10.981	131	157	0.007	ng/ul	0.01
46) Dimethylphthalate-d6	14.051	166	424432	8.675	ng/ul	0.02
49) Acenaphthylene-d8	14.322	160	424760	7.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	41	0.004	ng/ul	0.00
60) Fluorene-d10	15.634	176	379860	9.277	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	31100	3.644	ng/ul	0.06
73) Anthracene-d10	17.504	188	444992	6.881	ng/ul	0.02
81) Pyrene-d10	19.722	212	819050	10.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	565803	6.943	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.858	105	108134	4.471	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	27137	2.093	ng/ul#	62
72) Phenanthrene	17.434	178	165715	2.151	ng/ul	99
74) Anthracene	17.434	178	166605	2.152	ng/ul	97
80) Fluoranthene	19.398	202	293766	3.197	ng/ul	98
82) Pyrene	19.751	202	265623	2.707	ng/ul	99
85) Benzo(a)anthracene	21.469	228	124020	1.257	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.333	149	152494	2.412	ng/ul	96
87) Chrysene	21.522	228	143956	1.441	ng/ul	97
90) Benzo(b)fluoranthene	23.221	252	167914	1.732	ng/ul#	91

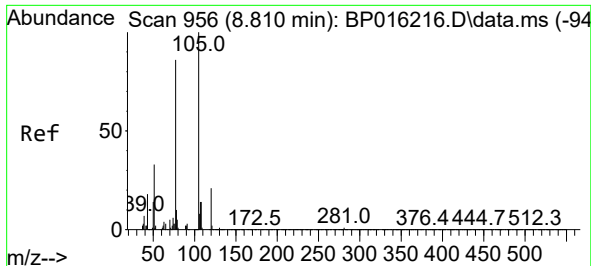
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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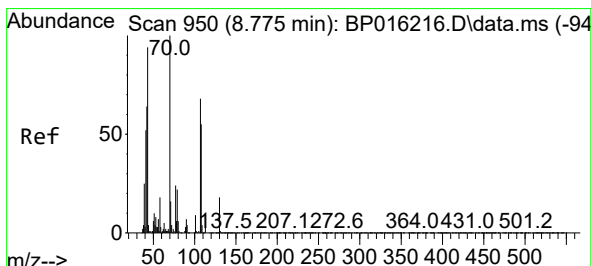
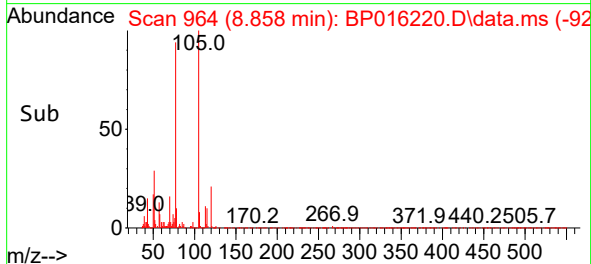
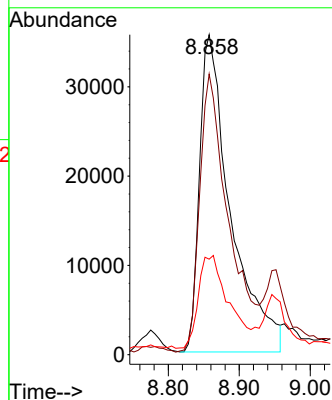
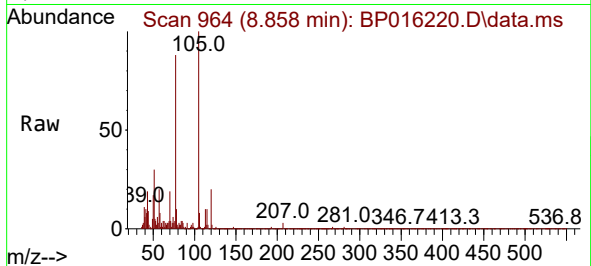




#16
Acetophenone
Concen: 4.471 ng/ul
RT: 8.858 min Scan# 90
Delta R.T. 0.036 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

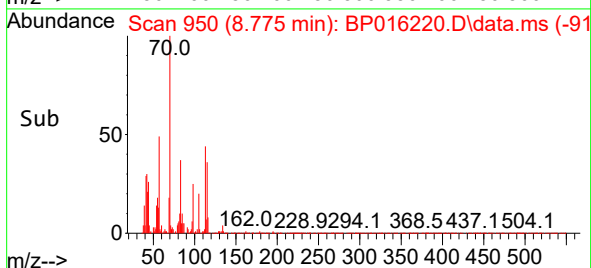
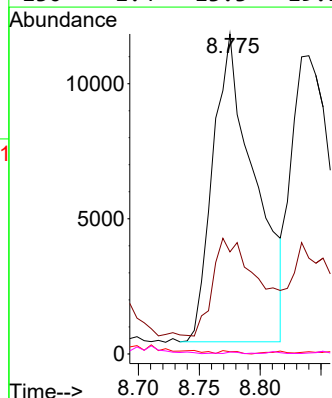
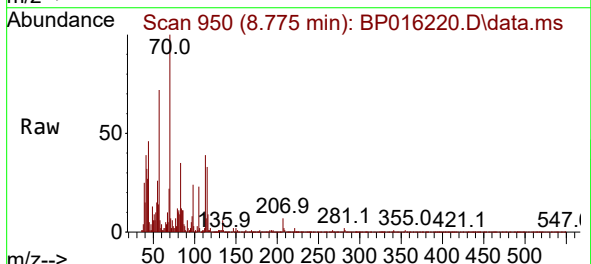
Instrument :
BNA_P
ClientSampleId :
A46K0

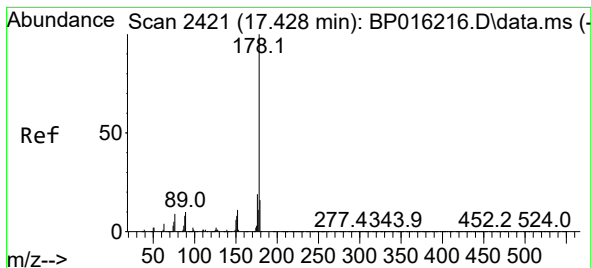
Tgt Ion:105 Resp: 108134
Ion Ratio Lower Upper
105 100
77 87.7 70.2 105.2
51 29.9 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 2.093 ng/ul
RT: 8.775 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Tgt Ion: 70 Resp: 27137
Ion Ratio Lower Upper
70 100
42 31.9 50.8 76.2#
101 0.7 7.0 10.6#
130 1.4 13.3 19.9#





#72

Phenanthrene

Concen: 2.151 ng/ul

RT: 17.434 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

Instrument :

BNA_P

ClientSampleId :

A46K0

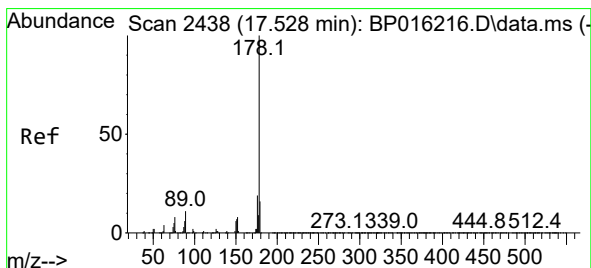
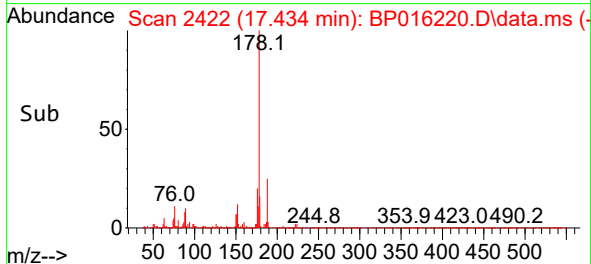
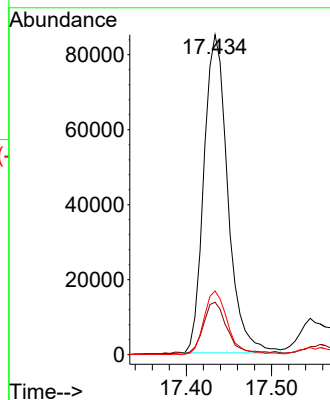
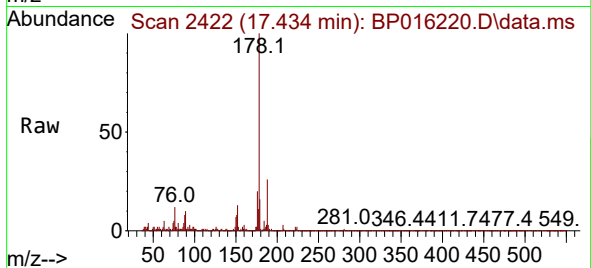
Tgt Ion:178 Resp: 165715

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

176 19.9 15.6 23.4



#74

Anthracene

Concen: 2.152 ng/ul

RT: 17.434 min Scan# 2422

Delta R.T. -0.088 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

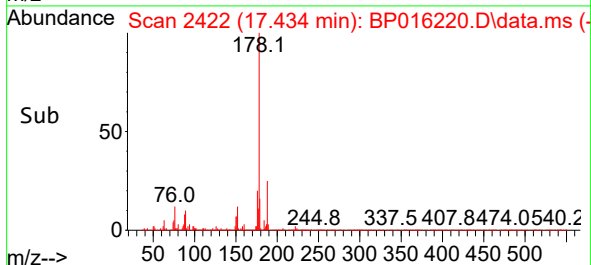
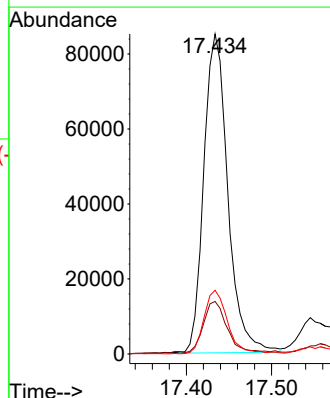
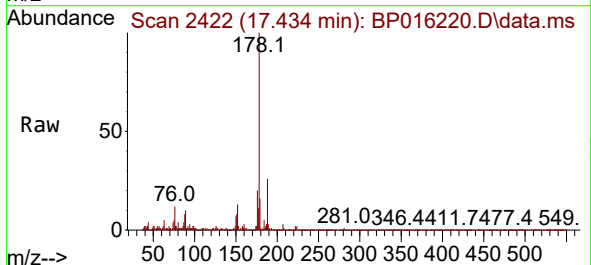
Tgt Ion:178 Resp: 166605

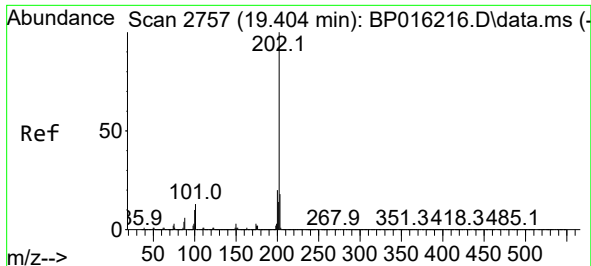
Ion Ratio Lower Upper

178 100

179 16.4 11.9 17.9

176 19.9 15.0 22.4

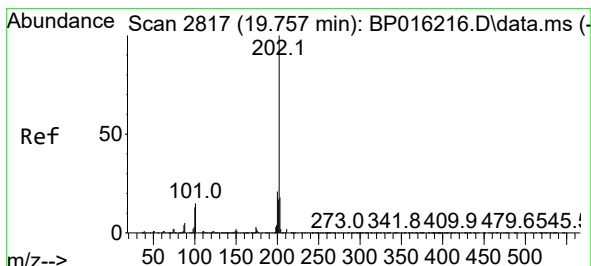
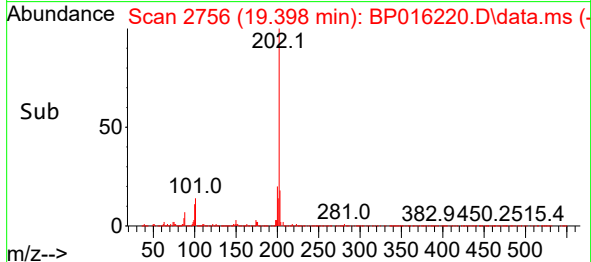
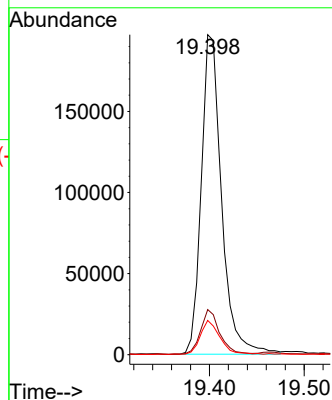
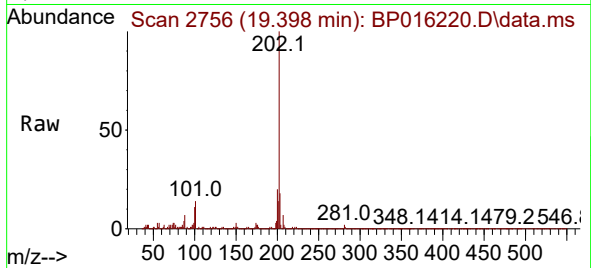




#80
Fluoranthene
Concen: 3.197 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

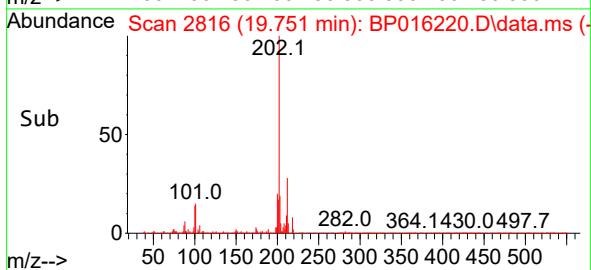
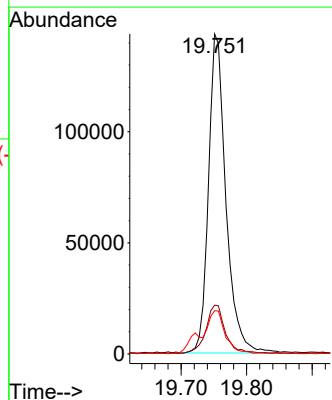
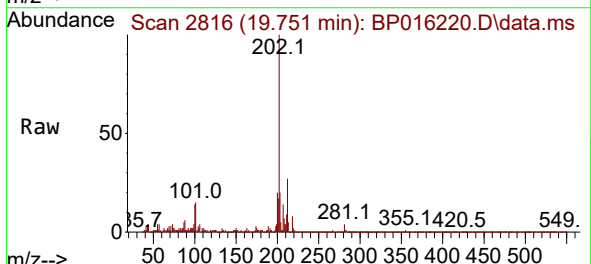
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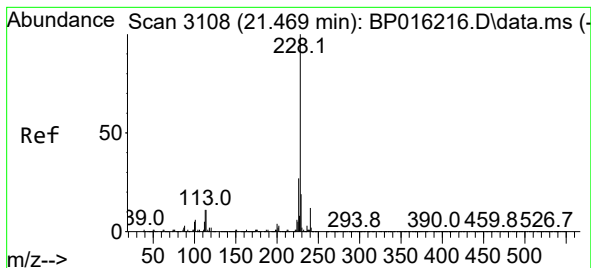
Tgt Ion:202 Resp: 293766
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 10.7 8.2 12.4



#82
Pyrene
Concen: 2.707 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Tgt Ion:202 Resp: 265623
Ion Ratio Lower Upper
202 100
101 15.3 12.4 18.6
100 13.5 10.5 15.7





#85

Benzo(a)anthracene

Concen: 1.257 ng/ul

RT: 21.469 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

Instrument :

BNA_P

ClientSampleId :

A46K0

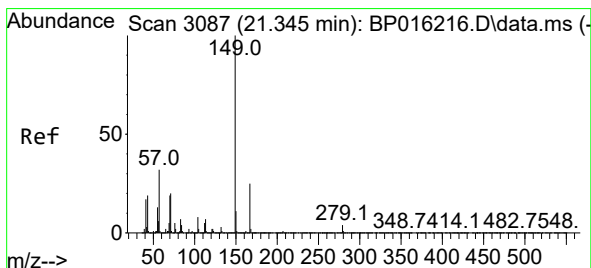
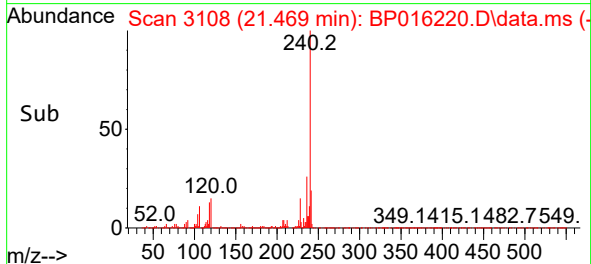
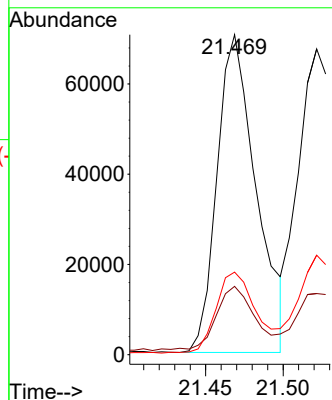
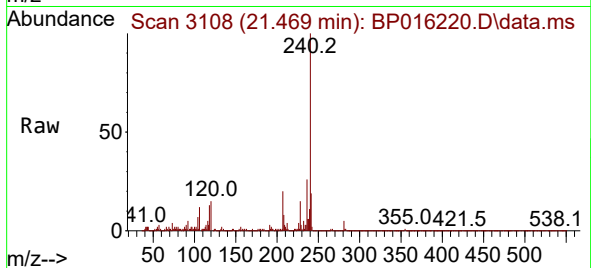
Tgt Ion:228 Resp: 124020

Ion Ratio Lower Upper

228 100

229 21.4 15.5 23.3

226 25.8 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.412 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

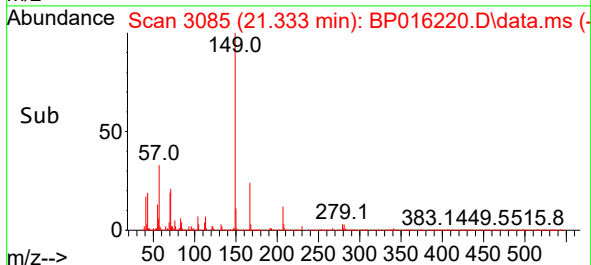
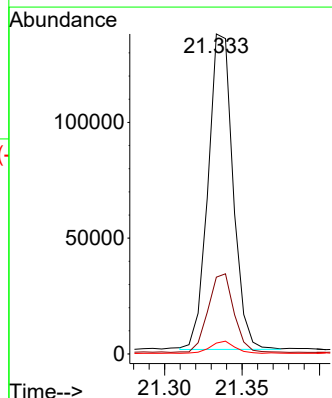
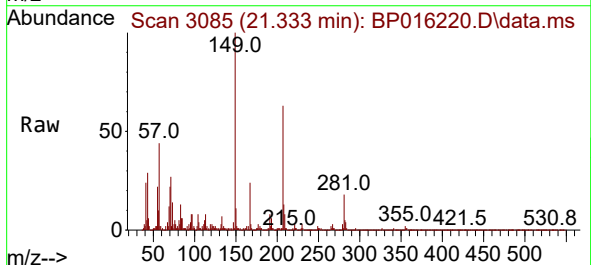
Tgt Ion:149 Resp: 152494

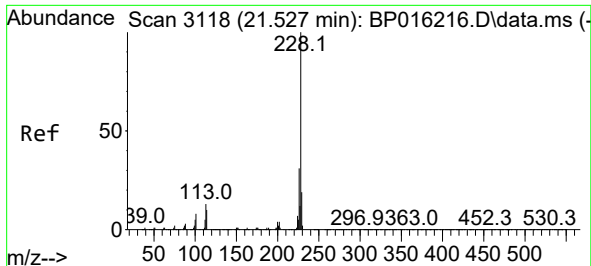
Ion Ratio Lower Upper

149 100

167 24.0 21.0 31.4

279 3.4 3.0 4.6





#87

Chrysene

Concen: 1.441 ng/ul

RT: 21.522 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

Instrument :

BNA_P

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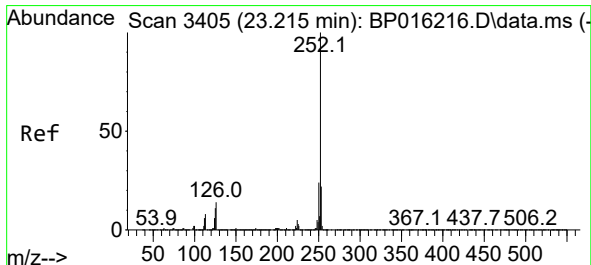
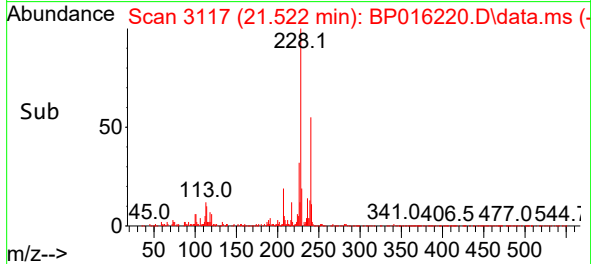
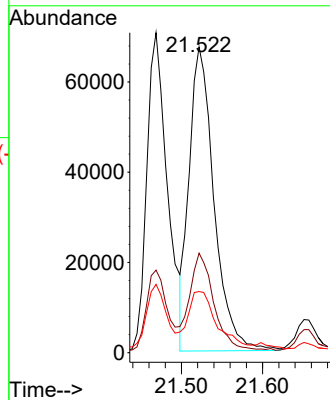
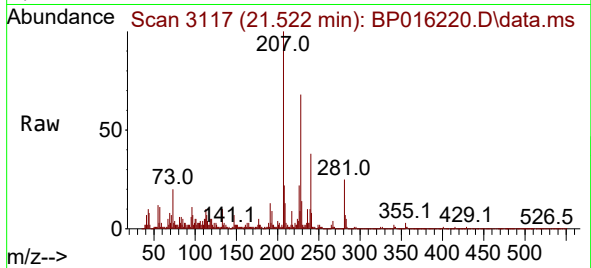
Tgt Ion:228 Resp: 143956

Ion Ratio Lower Upper

228 100

226 32.6 24.0 36.0

229 20.0 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.732 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. 0.018 min

Lab File: BP016220.D

Acq: 14 Jul 2023 11:40

Tgt Ion:252 Resp: 167914

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 17.8 9.4 14.0#

