

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016615.D
 Acq On : 16 Aug 2023 22:05
 Operator : MA/JU
 Sample : 03967-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48M2

Quant Time: Aug 17 00:49:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

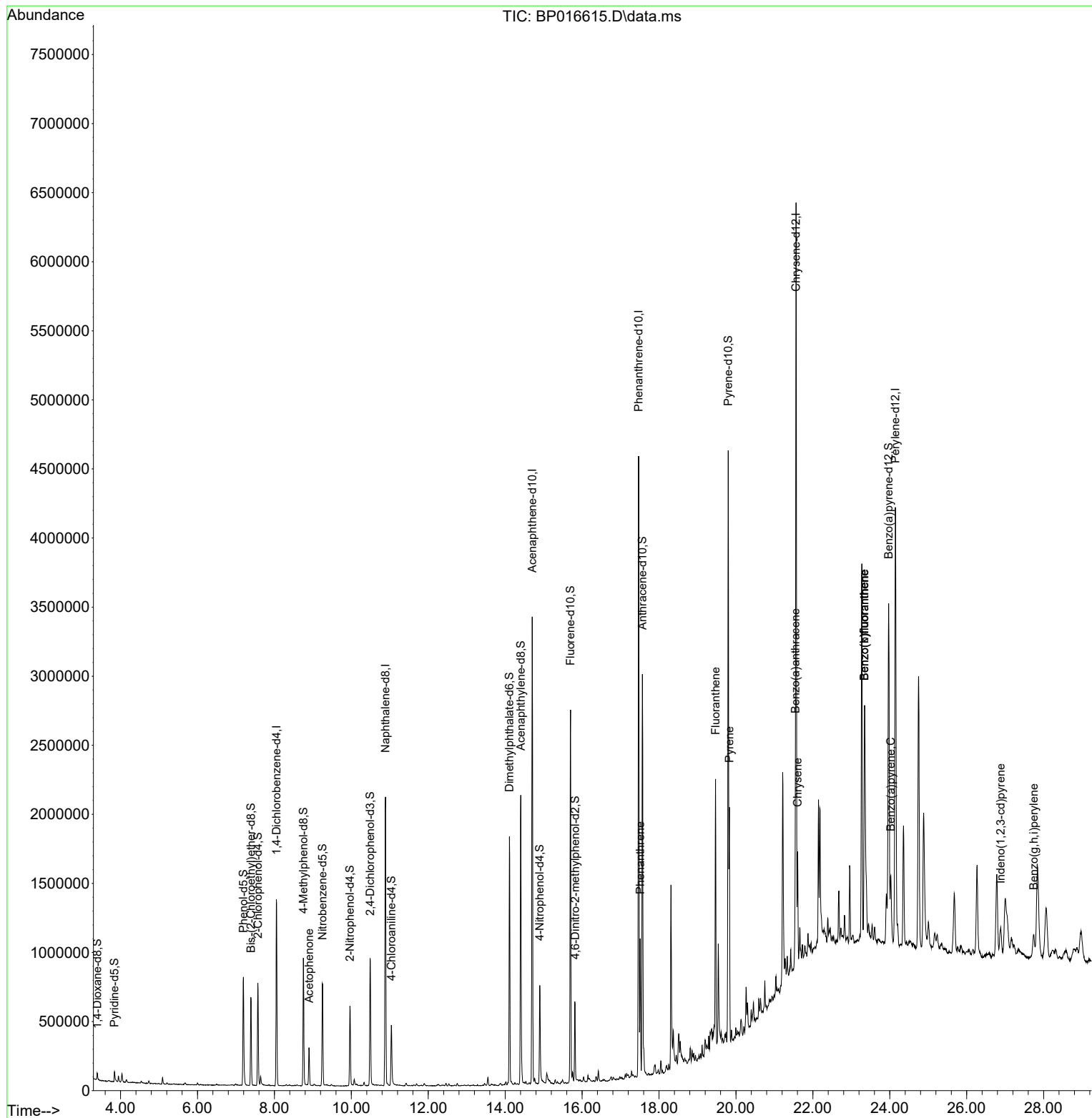
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	350887	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.887	136	1657648	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	1075885	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2468876	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	2344441	20.000	ng/ul	-0.01
88) Perylene-d12	24.145	264	2440009	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	27313	2.958	ng/uL	0.00
4) Pyridine-d5	3.840	84	39600	1.410	ng/ul	0.00
7) Phenol-d5	7.193	99	448455	13.863	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	288484	13.540	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	319655	13.758	ng/ul	-0.01
15) 4-Methylphenol-d8	8.752	113	336043	13.064	ng/ul	-0.01
21) Nitrobenzene-d5	9.252	128	166278	14.256	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	164735	14.870	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	316743	14.529	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	248315	6.638	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1113182	14.305	ng/ul	-0.01
49) Acenaphthylene-d8	14.404	160	1277248	14.542	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	160968	10.154	ng/ul	0.00
60) Fluorene-d10	15.698	176	1004889	15.147	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	102259	8.706	ng/ul	0.00
73) Anthracene-d10	17.569	188	1553649	14.548	ng/ul	0.00
81) Pyrene-d10	19.798	212	1945936	15.841	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1747663	14.946	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	136036	3.275	ng/ul	99
72) Phenanthrene	17.510	178	533687	4.103	ng/ul	100
80) Fluoranthene	19.469	202	1011239	6.897	ng/ul	99
82) Pyrene	19.828	202	883669	5.708	ng/ul	96
85) Benzo(a)anthracene	21.545	228	460446	2.922	ng/ul	98
87) Chrysene	21.604	228	457956	3.106	ng/ul	98
90) Benzo(b)fluoranthene	23.339	252	572475	3.940	ng/ul#	91
91) Benzo(k)fluoranthene	23.339	252	572475	3.972	ng/ul#	92
93) Benzo(a)pyrene	24.027	252	372989	2.722	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.880	276	244057	1.509	ng/ul	97
96) Benzo(g,h,i)perylene	27.745	276	230931	1.794	ng/ul	99

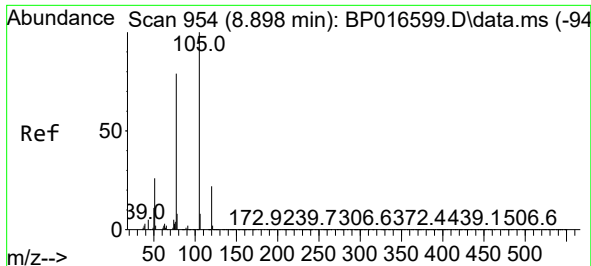
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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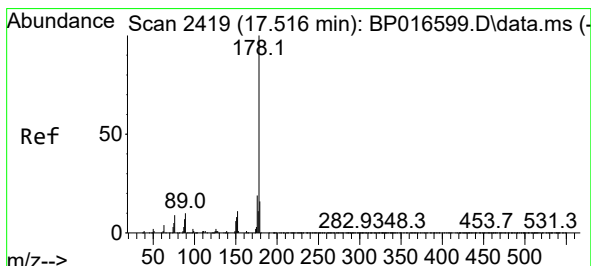
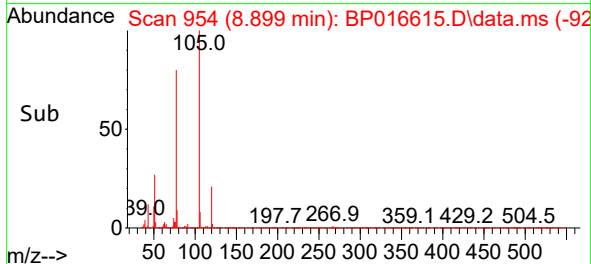
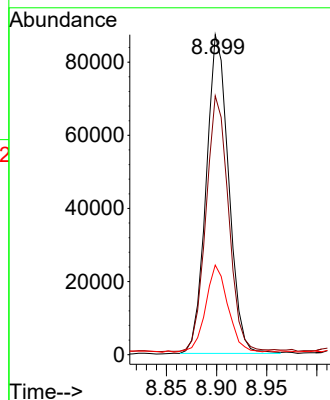
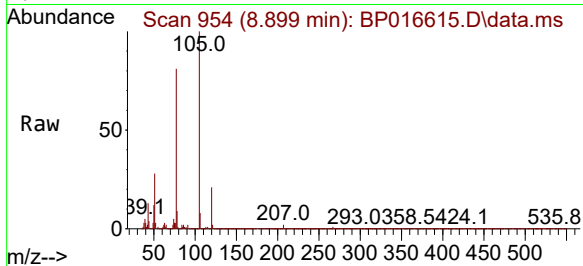




#16
Acetophenone
Concen: 3.275 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

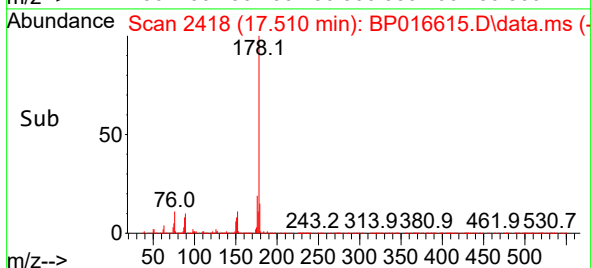
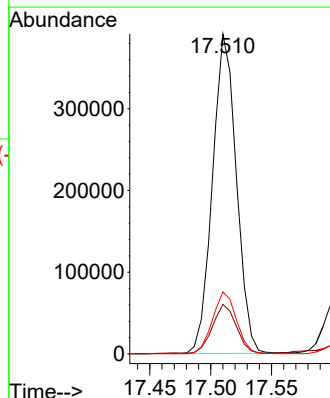
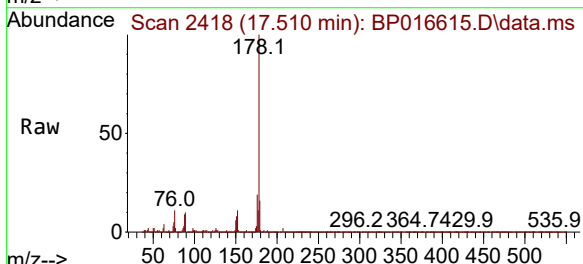
Instrument :
BNA_P
ClientSampleId :
A48M2

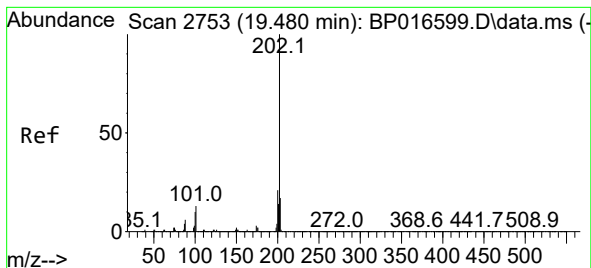
Tgt Ion:105 Resp: 136036
Ion Ratio Lower Upper
105 100
77 80.9 64.4 96.6
51 28.0 21.2 31.8



#72
Phenanthrene
Concen: 4.103 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

Tgt Ion:178 Resp: 533687
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.5 23.3





#80

Fluoranthene

Concen: 6.897 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

Instrument :

BNA_P

ClientSampleId :

A48M2

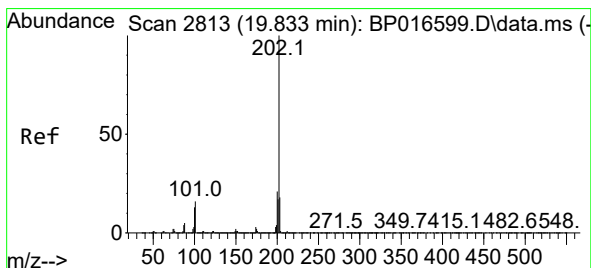
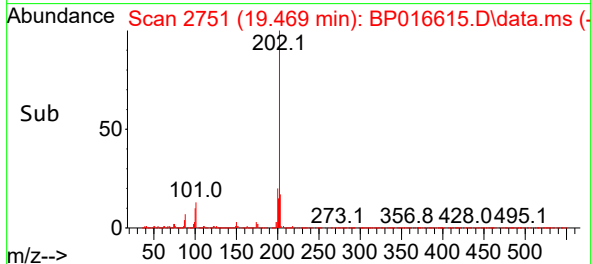
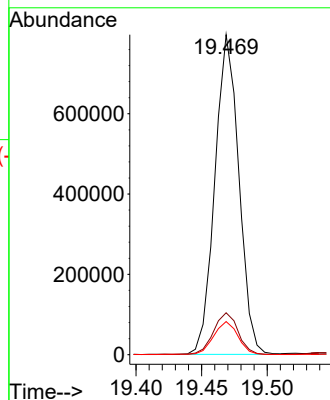
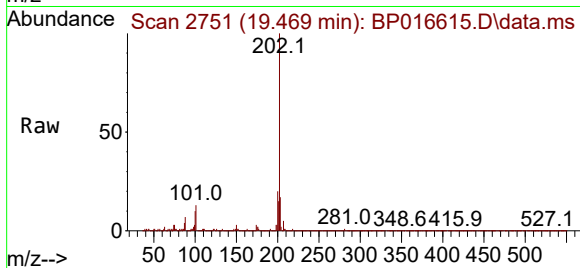
Tgt Ion:202 Resp: 1011239

Ion Ratio Lower Upper

202 100

101 13.1 10.6 16.0

100 10.4 8.1 12.1



#82

Pyrene

Concen: 5.708 ng/ul

RT: 19.828 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

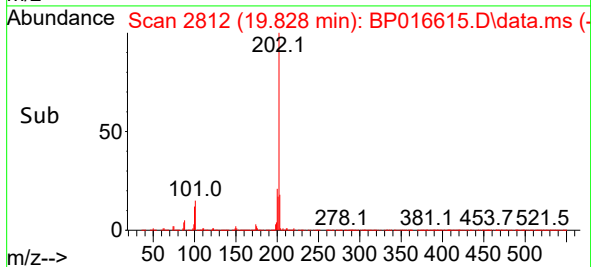
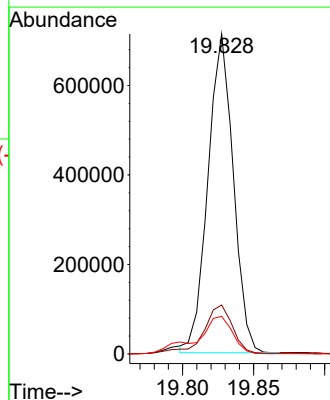
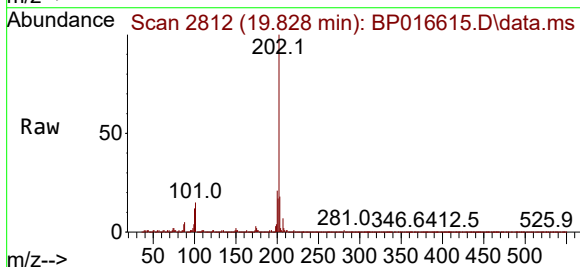
Tgt Ion:202 Resp: 883669

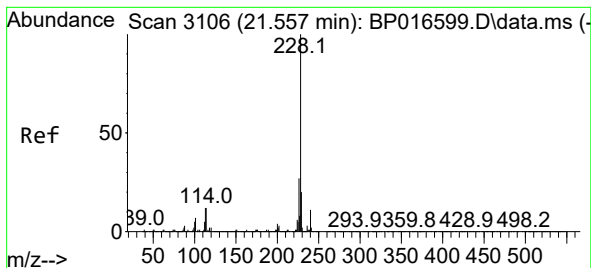
Ion Ratio Lower Upper

202 100

101 15.3 13.4 20.2

100 11.7 11.0 16.4





#85

Benzo(a)anthracene

Concen: 2.922 ng/ul

RT: 21.545 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

Instrument :

BNA_P

ClientSampleId :

A48M2

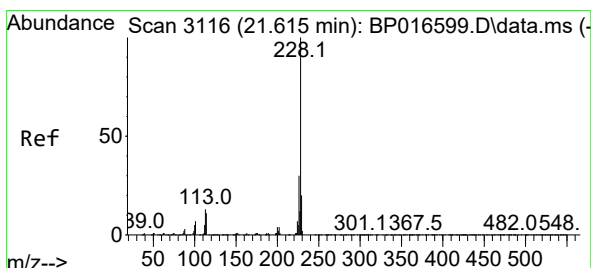
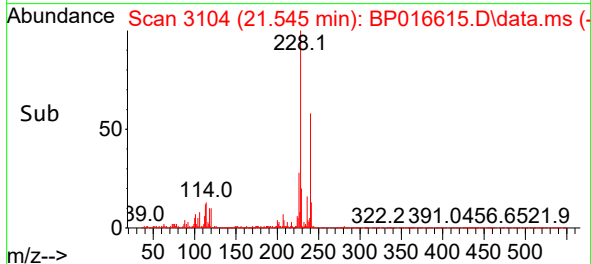
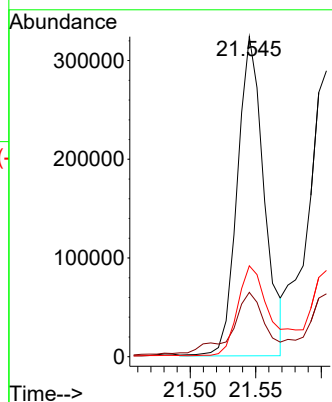
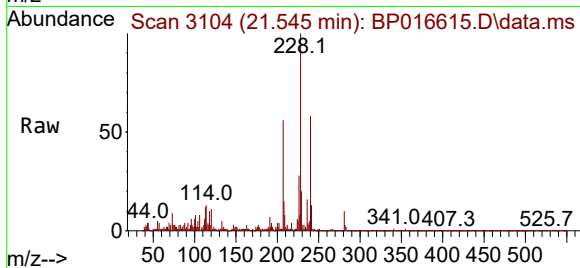
Tgt Ion:228 Resp: 460446

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 28.4 21.8 32.6



#87

Chrysene

Concen: 3.106 ng/ul

RT: 21.604 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

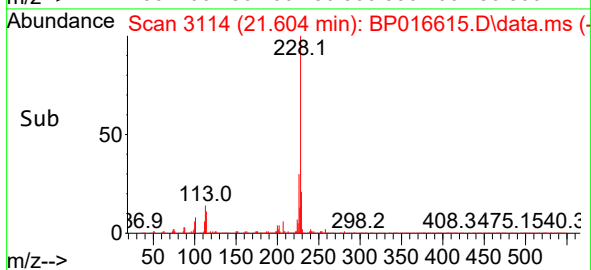
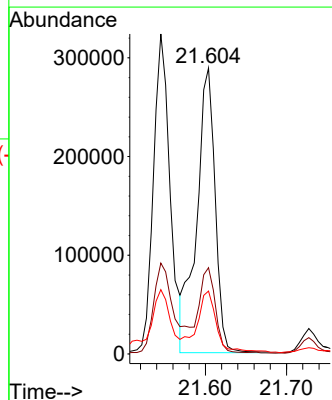
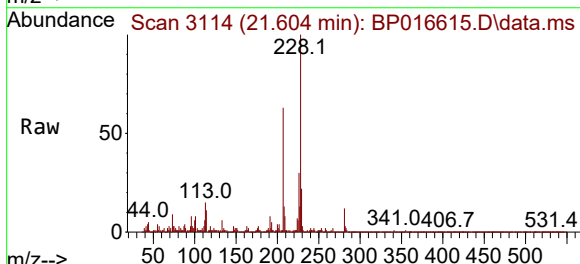
Tgt Ion:228 Resp: 457956

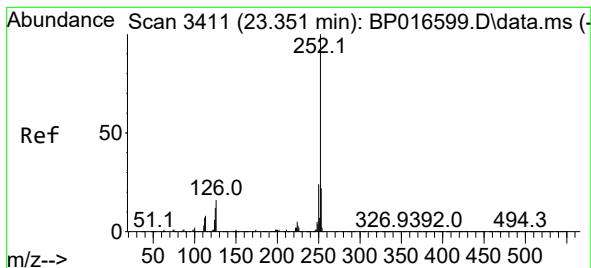
Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 22.0 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 3.940 ng/ul

RT: 23.339 min Scan# 3411

Delta R.T. -0.012 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

Instrument :

BNA_P

ClientSampleId :

A48M2

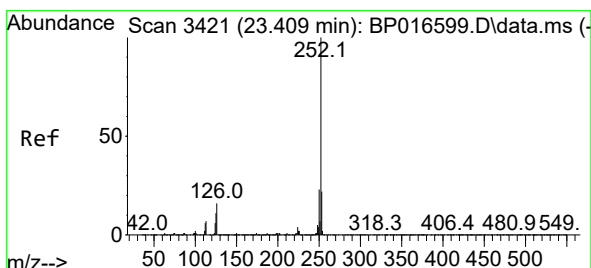
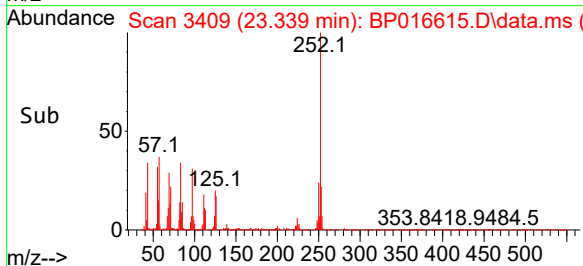
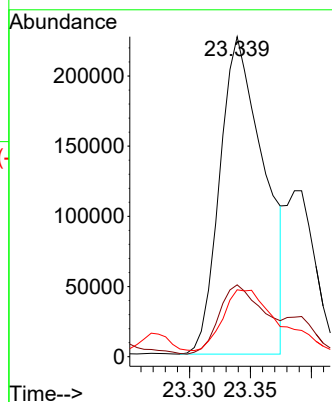
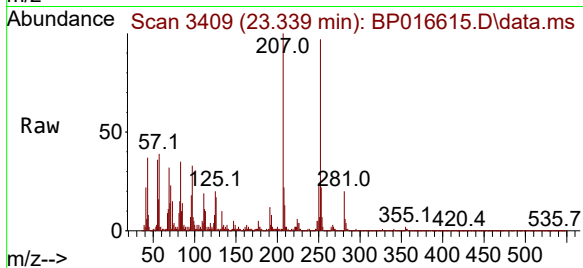
Tgt Ion:252 Resp: 572475

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 20.9 10.0 15.0#



#91

Benzo(k)fluoranthene

Concen: 3.972 ng/ul

RT: 23.339 min Scan# 3409

Delta R.T. -0.065 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

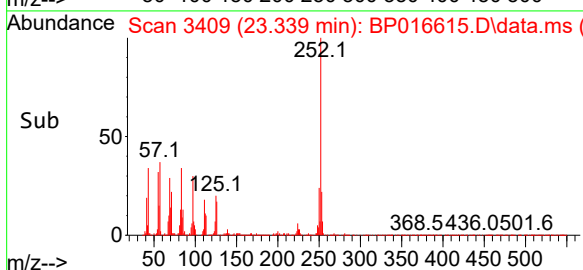
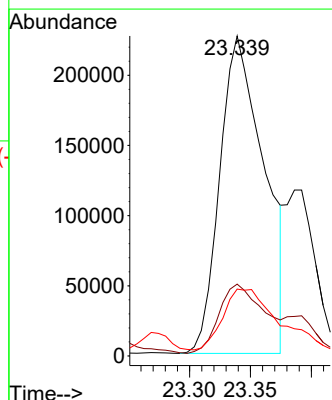
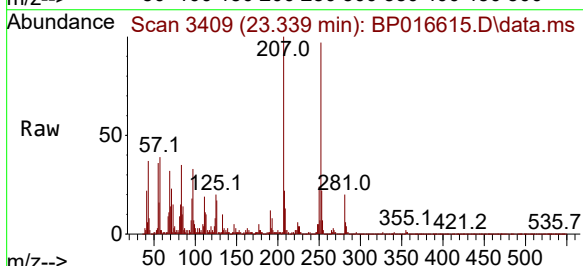
Tgt Ion:252 Resp: 572475

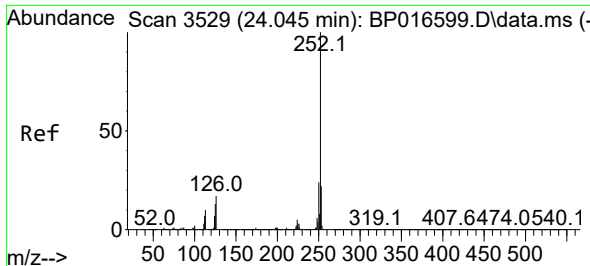
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 20.9 9.8 14.8#

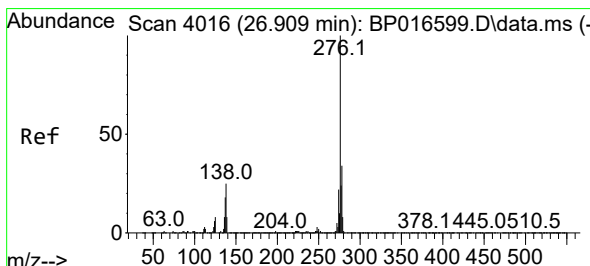
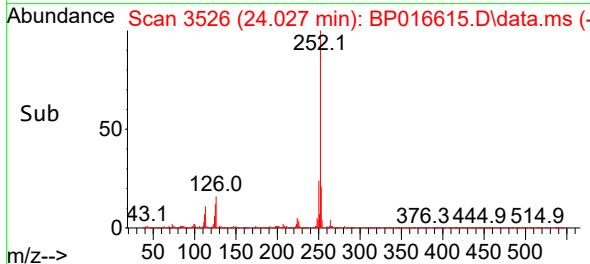
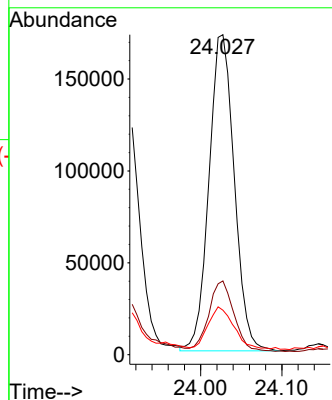
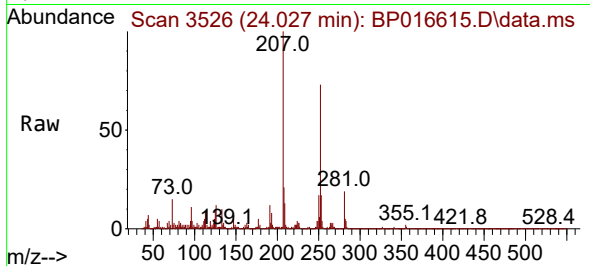




#93
Benzo(a)pyrene
Concen: 2.722 ng/ul
RT: 24.027 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

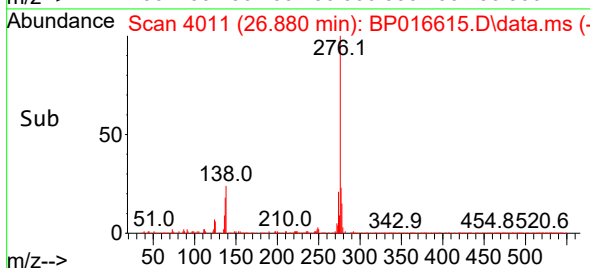
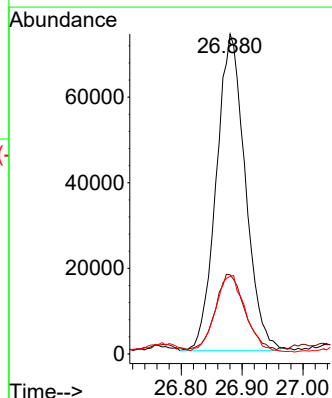
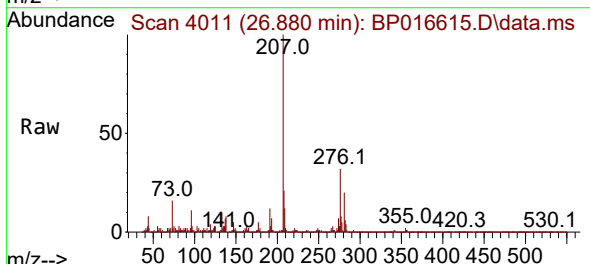
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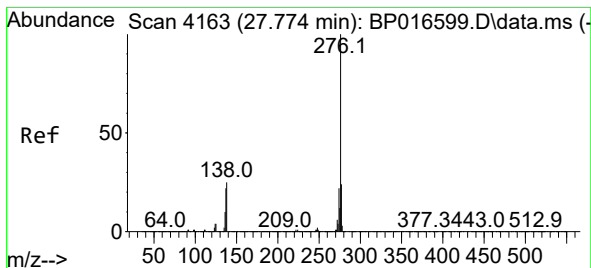
Tgt Ion:252 Resp: 372989
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.9 10.6 15.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.509 ng/ul
RT: 26.880 min Scan# 4011
Delta R.T. -0.029 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

Tgt Ion:276 Resp: 244057
Ion Ratio Lower Upper
276 100
138 24.8 21.7 32.5
277 24.2 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 1.794 ng/ul

RT: 27.745 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP016615.D

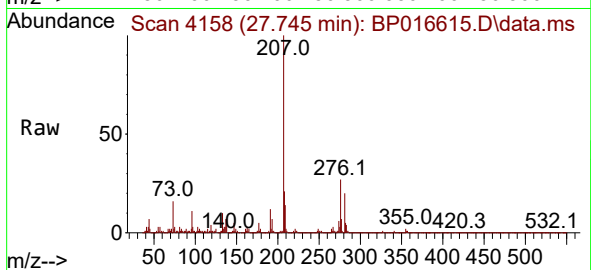
Acq: 16 Aug 2023 22:05

Instrument :

BNA_P

ClientSampleId :

A48M2



Tgt Ion:276 Resp: 230931

Ion Ratio Lower Upper

276 100

138 26.1 21.5 32.3

277 24.3 19.3 28.9

