

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015847.D
 Acq On : 30 Jun 2023 16:48
 Operator : MA/JU
 Sample : 03161-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:34:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

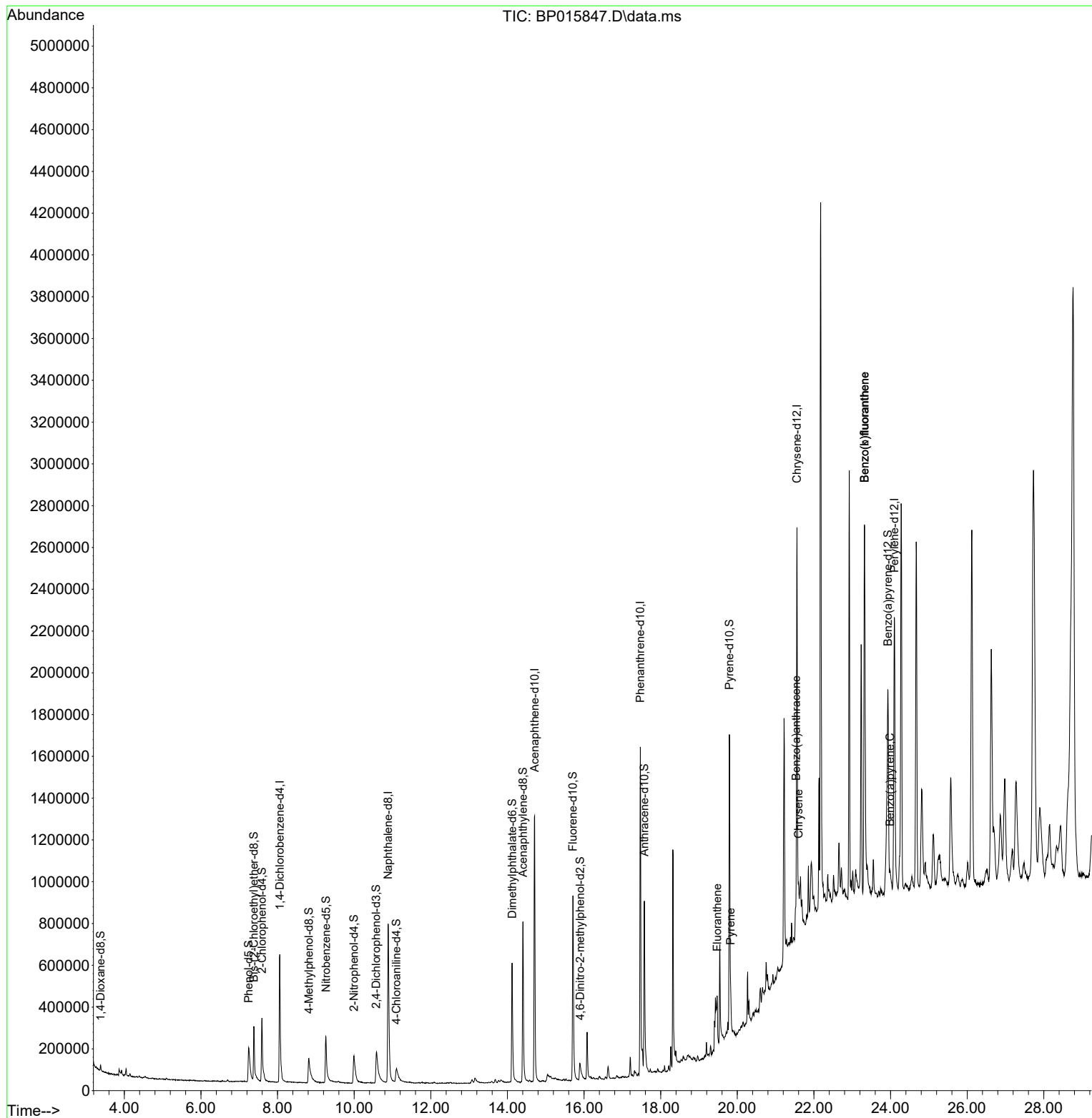
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	204282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	832785	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.710	164	474937	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1010329	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	950933	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	1111844	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	13227	2.330	ng/uL	0.00
4) Pyridine-d5	3.840	84	98	0.007	ng/u1	0.02
7) Phenol-d5	7.246	99	190258	10.885	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	157464	14.562	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	176063	13.344	ng/u1	0.01
15) 4-Methylphenol-d8	8.816	113	106239	7.694	ng/u1	0.04
21) Nitrobenzene-d5	9.263	128	77673	12.204	ng/u1	0.02
24) 2-Nitrophenol-d4	9.993	143	80875	10.888	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.575	165	110658	8.360	ng/u1	0.06
31) 4-Chloroaniline-d4	11.104	131	70981	4.174	ng/u1	0.07
46) Dimethylphthalate-d6	14.122	166	492376	13.413	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	569625	13.804	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	151	0.031	ng/u1	-0.01
60) Fluorene-d10	15.710	176	430004	14.226	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.898	200	31900	5.134	ng/u1	0.04
73) Anthracene-d10	17.575	188	609525	13.208	ng/u1	0.01
81) Pyrene-d10	19.792	212	819591	13.199	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	788053	14.051	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.474	202	117711	1.525	ng/u1#	94
82) Pyrene	19.827	202	98905	1.256	ng/u1#	86
85) Benzo(a)anthracene	21.539	228	70500	1.054	ng/u1	96
87) Chrysene	21.598	228	72116	1.136	ng/u1	93
90) Benzo(b)fluoranthene	23.321	252	111192	1.556	ng/u1#	42
91) Benzo(k)fluoranthene	23.321	252	111192	1.540	ng/u1#	41
93) Benzo(a)pyrene	23.986	252	71670	1.148	ng/u1#	83

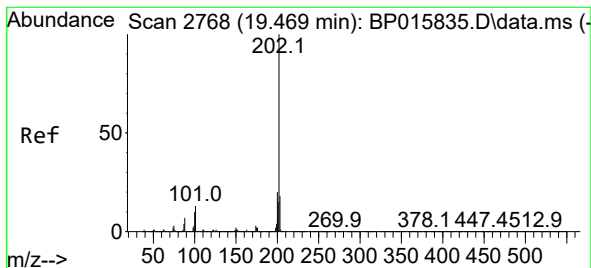
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#80

Fluoranthene

Concen: 1.525 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015847.D

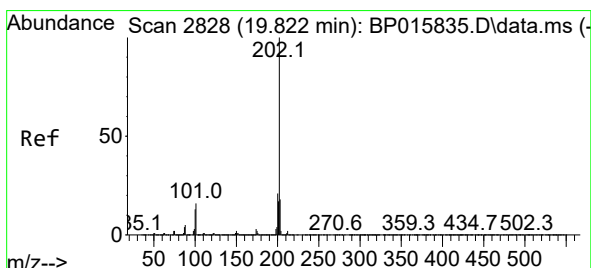
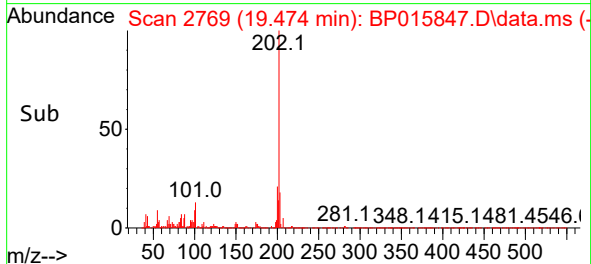
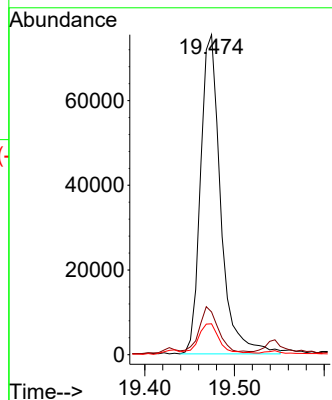
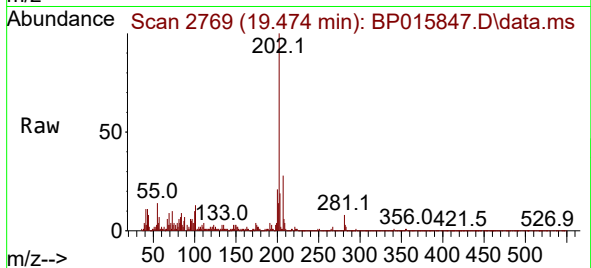
Acq: 30 Jun 2023 16:48

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:202 Resp: 117711
 Ion Ratio Lower Upper
 202 100
 101 13.4 8.3 12.5#
 100 9.7 6.6 9.8



#82

Pyrene

Concen: 1.256 ng/ul

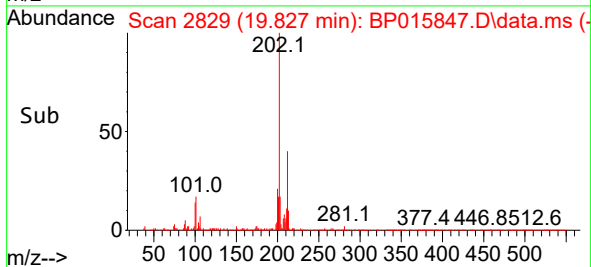
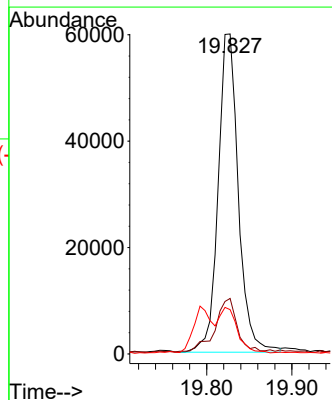
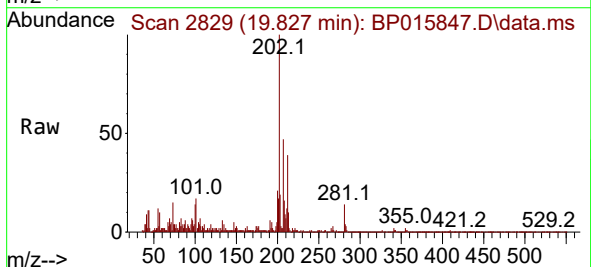
RT: 19.827 min Scan# 2829

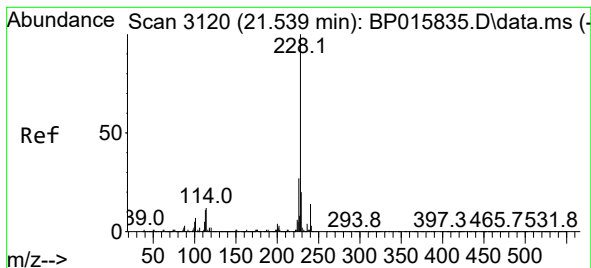
Delta R.T. 0.006 min

Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

Tgt Ion:202 Resp: 98905
 Ion Ratio Lower Upper
 202 100
 101 17.4 9.3 13.9#
 100 13.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.054 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

Instrument :

BNA_P

ClientSampleId :

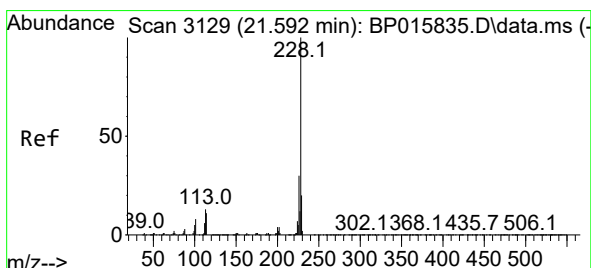
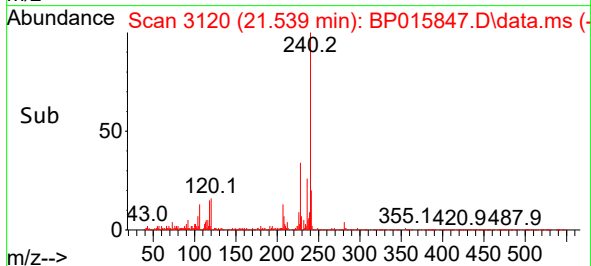
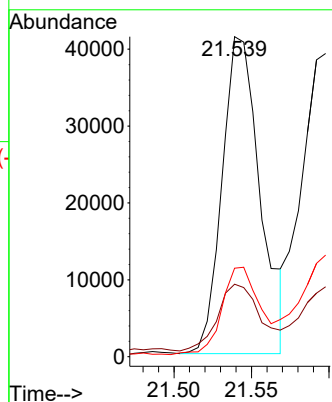
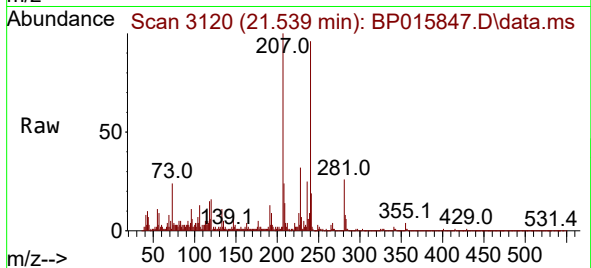
Tgt Ion:228 Resp: 70500

Ion Ratio Lower Upper

228 100

229 22.7 15.3 22.9

226 27.7 21.4 32.0



#87

Chrysene

Concen: 1.136 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

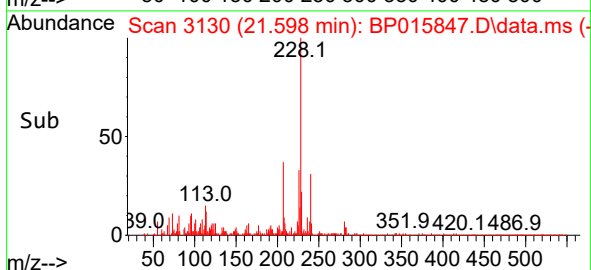
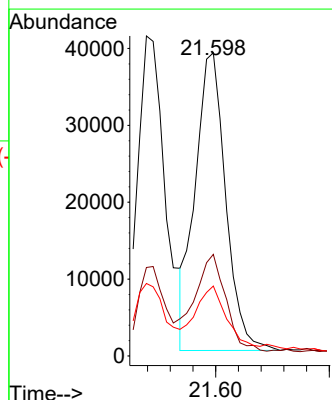
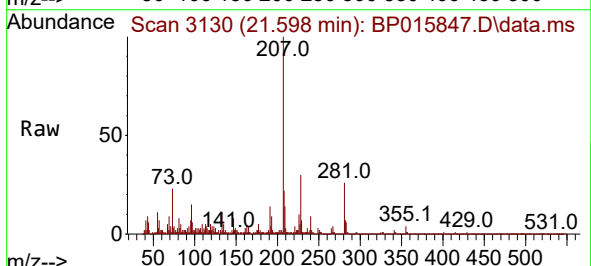
Tgt Ion:228 Resp: 72116

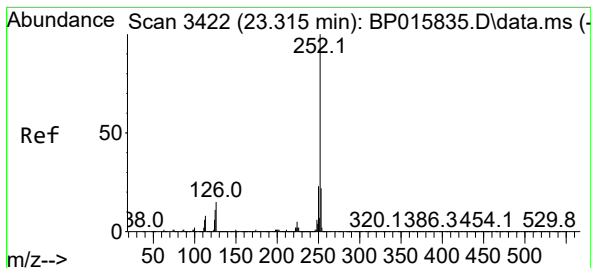
Ion Ratio Lower Upper

228 100

226 33.5 24.3 36.5

229 23.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 1.556 ng/ul

RT: 23.321 min Scan# 3422

Delta R.T. 0.006 min

Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

Instrument :

BNA_P

ClientSampleId :

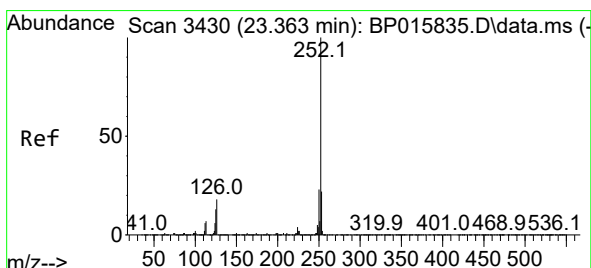
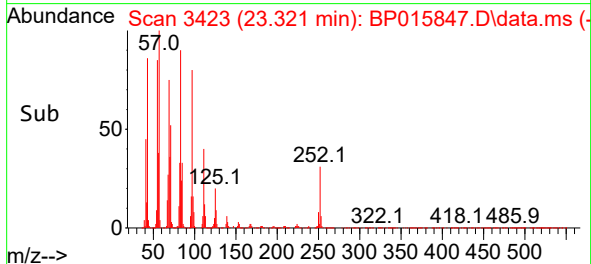
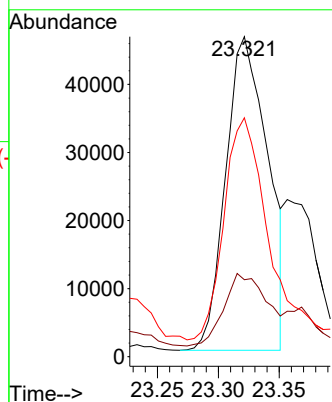
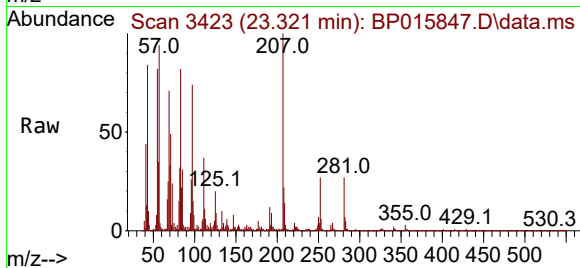
Tgt Ion:252 Resp: 111192

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 74.6 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 1.540 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. -0.041 min

Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

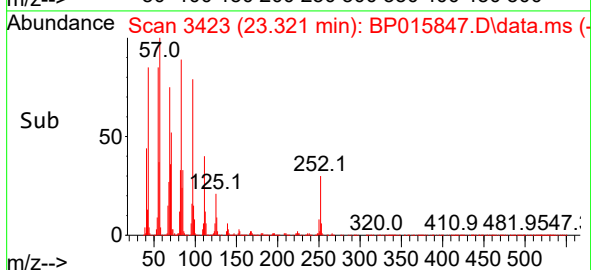
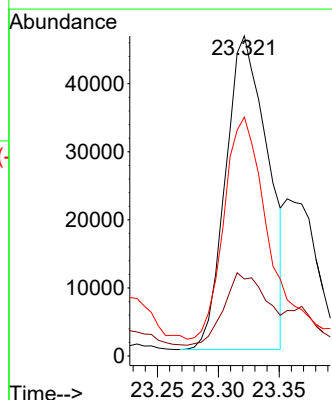
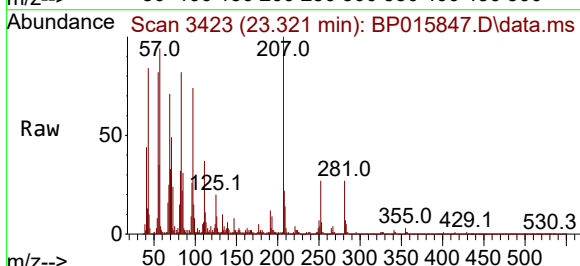
Tgt Ion:252 Resp: 111192

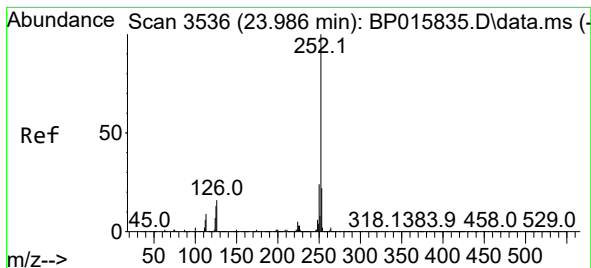
Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 74.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 1.148 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. -0.000 min

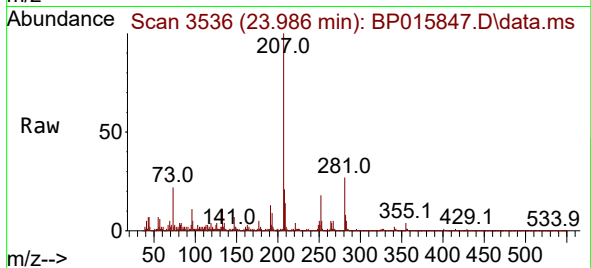
Lab File: BP015847.D

Acq: 30 Jun 2023 16:48

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 71670

Ion Ratio Lower Upper

252 100

253 29.3 17.7 26.5#

125 18.2 8.2 12.2#

