

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015818.D
 Acq On : 29 Jun 2023 19:46
 Operator : MA/JU
 Sample : 03143-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:28:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

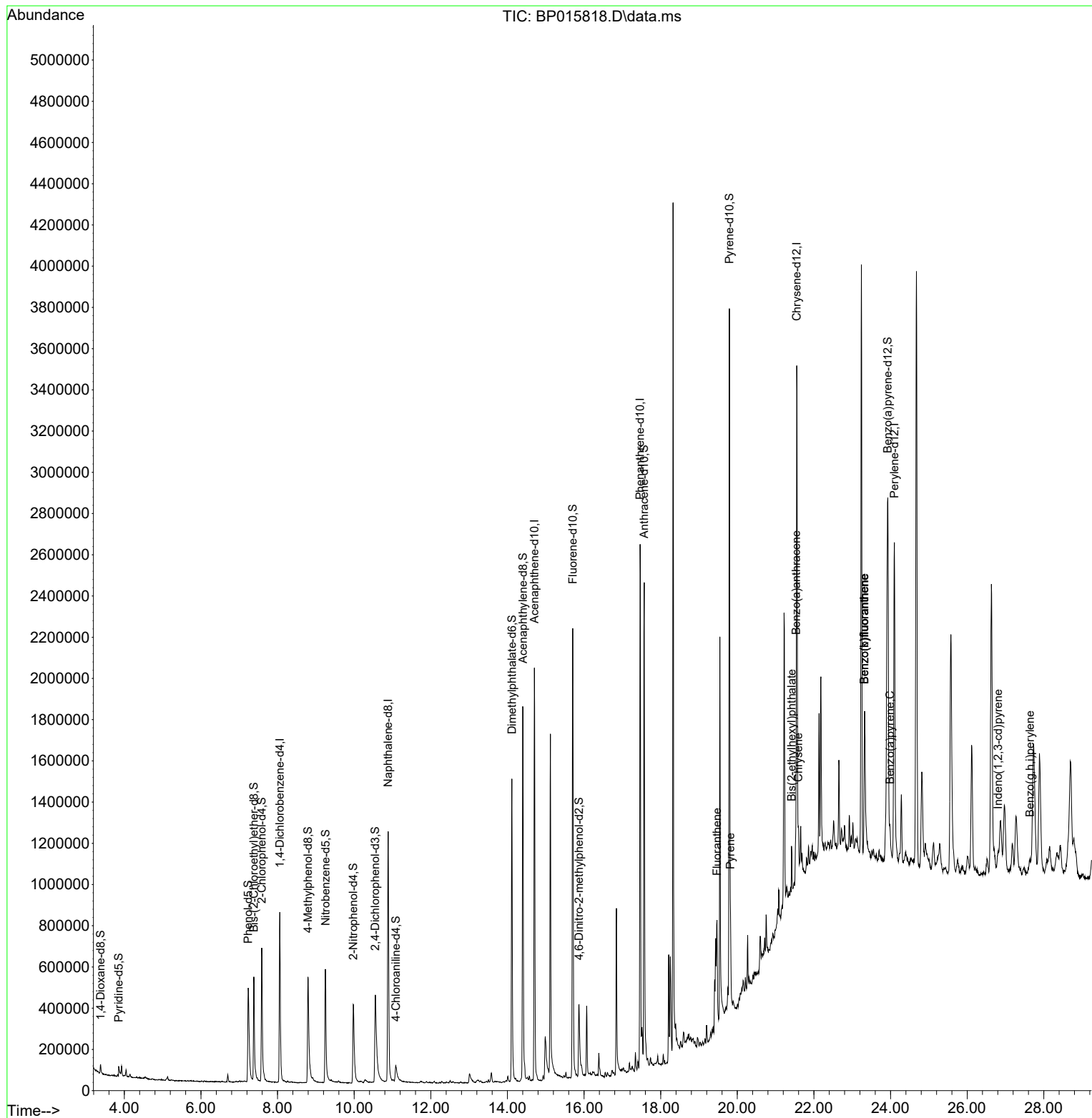
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	257196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1128566	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	686526	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1529762	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1243379	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1251911	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21834	3.054	ng/uL	0.00
4) Pyridine-d5	3.852	84	33747	1.873	ng/ul	0.03
7) Phenol-d5	7.234	99	421269	19.143	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	280177	20.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	339119	20.414	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	306667	17.640	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	164124	19.029	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	175510	17.435	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	302466	16.862	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	90445	3.925	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	1082029	20.391	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1253660	21.017	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	151	0.022	ng/ul	-0.02
60) Fluorene-d10	15.704	176	947098	21.677	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	111570	11.859	ng/ul	0.01
73) Anthracene-d10	17.569	188	1460436	20.900	ng/ul	0.00
81) Pyrene-d10	19.792	212	1758477	21.659	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1368274	21.666	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.469	202	233437	2.313	ng/ul#	93
82) Pyrene	19.822	202	201615	1.959	ng/ul#	88
85) Benzo(a)anthracene	21.539	228	111351	1.273	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.416	149	70671	1.225	ng/ul	98
87) Chrysene	21.592	228	133964	1.614	ng/ul	99
90) Benzo(b)fluoranthene	23.315	252	207436	2.579	ng/ul#	84
91) Benzo(k)fluoranthene	23.315	252	207436	2.552	ng/ul#	83
93) Benzo(a)pyrene	23.986	252	128584	1.829	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.803	276	112932	1.184	ng/ul#	88
96) Benzo(g,h,i)perylene	27.639	276	110982	1.414	ng/ul#	91

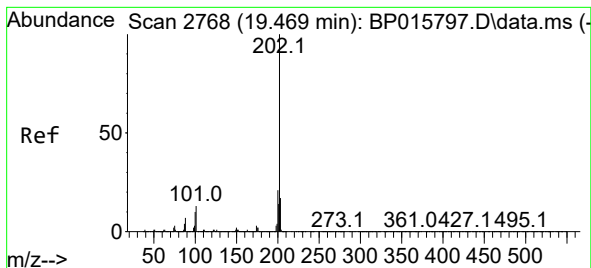
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#80

Fluoranthene

Concen: 2.313 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

Instrument :

BNA_P

ClientSampleId :

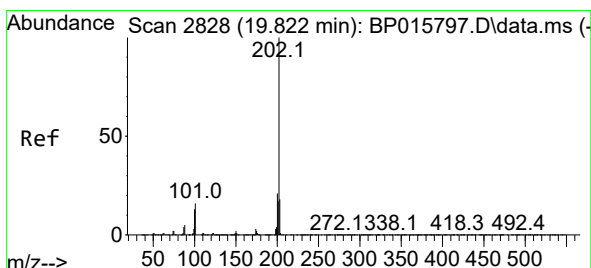
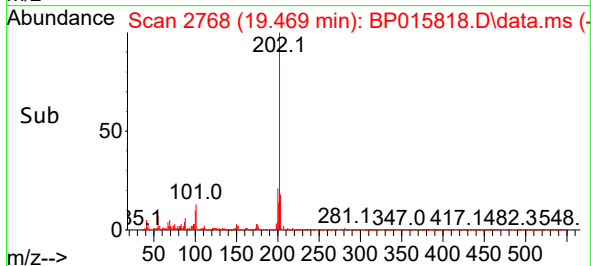
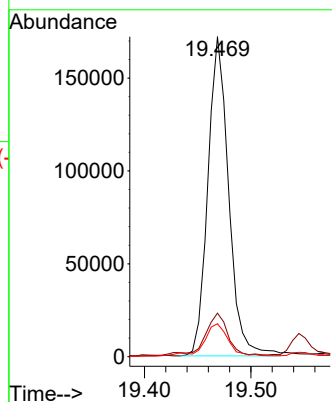
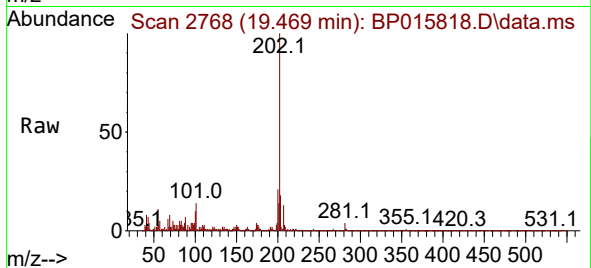
Tgt Ion:202 Resp: 233437

Ion Ratio Lower Upper

202 100

101 13.6 8.3 12.5#

100 10.3 6.6 9.8#



#82

Pyrene

Concen: 1.959 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

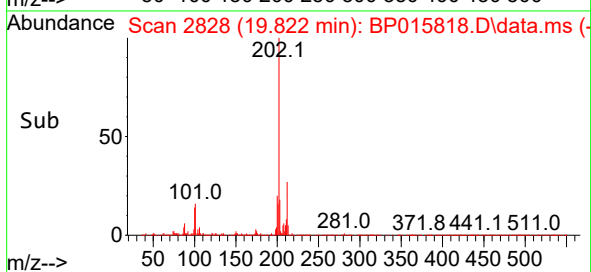
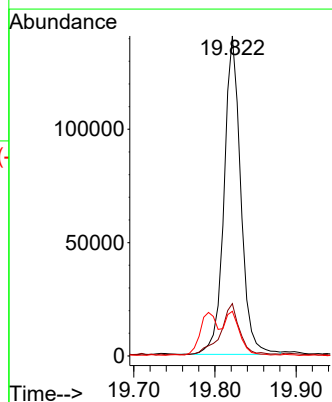
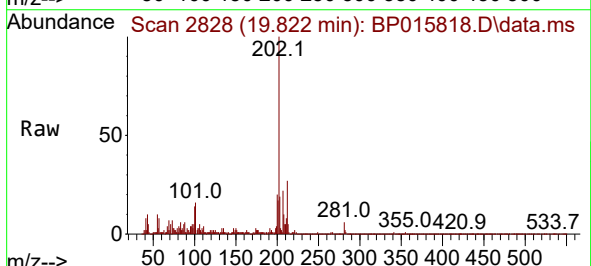
Tgt Ion:202 Resp: 201615

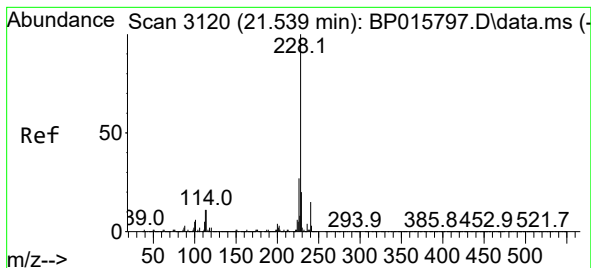
Ion Ratio Lower Upper

202 100

101 16.3 9.3 13.9#

100 14.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.273 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

Instrument :

BNA_P

ClientSampleId :

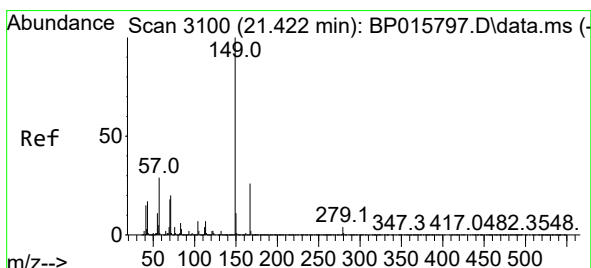
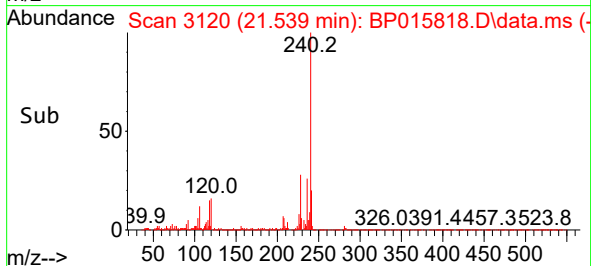
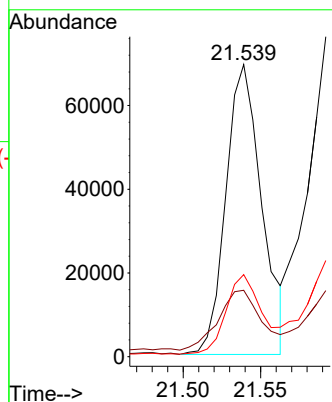
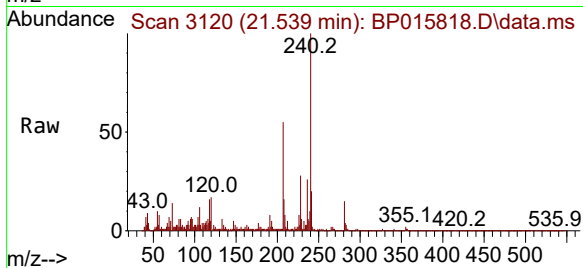
Tgt Ion:228 Resp: 111351

Ion Ratio Lower Upper

228 100

229 22.8 15.3 22.9

226 28.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.225 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

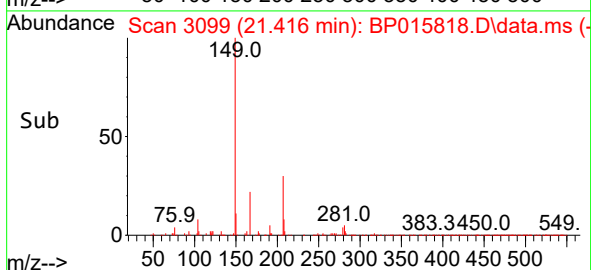
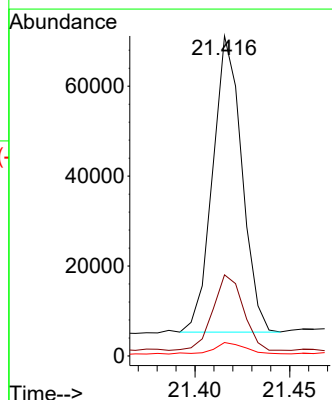
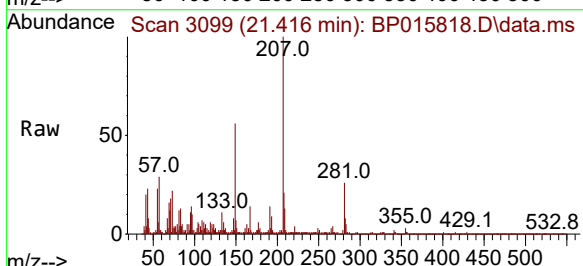
Tgt Ion:149 Resp: 70671

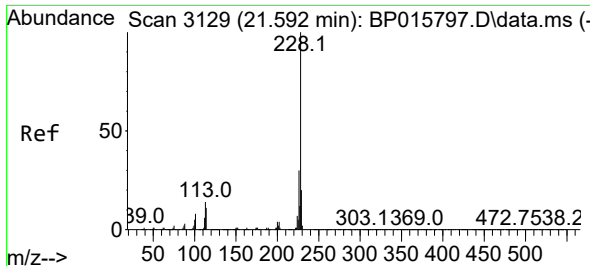
Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.6

279 4.2 3.8 5.6

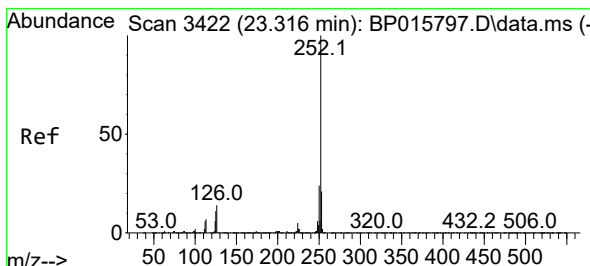
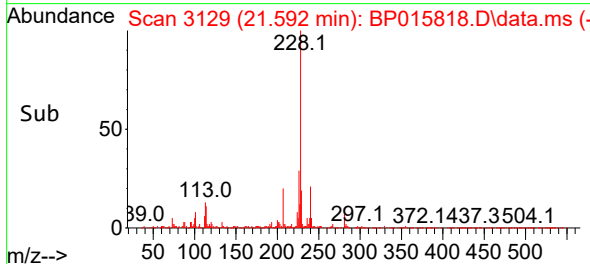
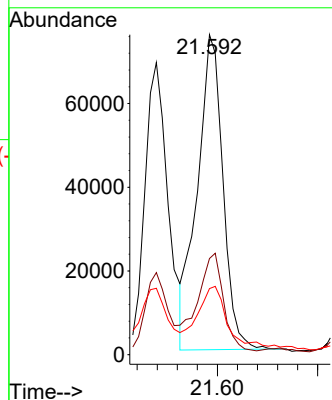
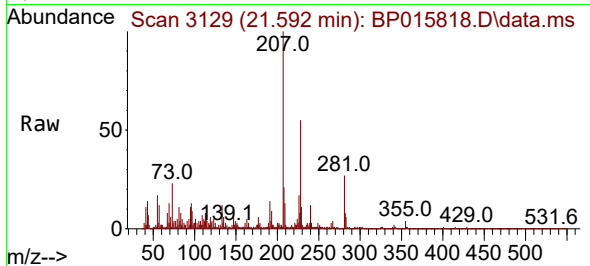




#87
Chrysene
Concen: 1.614 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015818.D
Acq: 29 Jun 2023 19:46

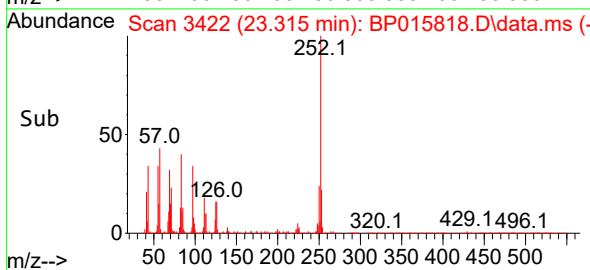
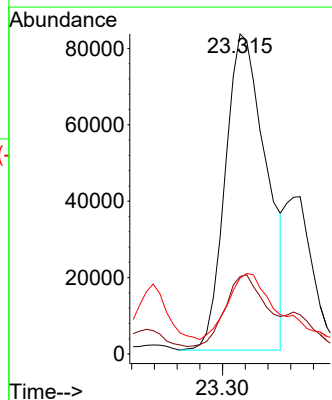
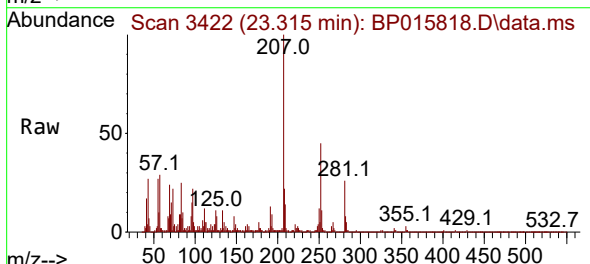
Instrument :
BNA_P
ClientSampleId :

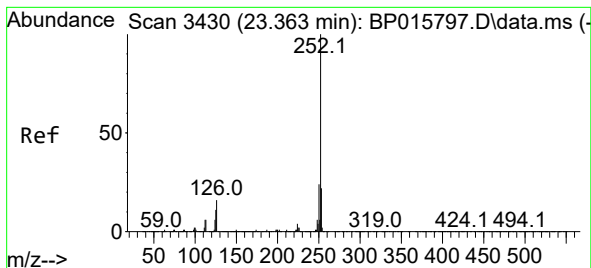
Tgt Ion:228 Resp: 133964
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.6 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 2.579 ng/ul
RT: 23.315 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP015818.D
Acq: 29 Jun 2023 19:46

Tgt Ion:252 Resp: 207436
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 23.7 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 2.552 ng/ul

RT: 23.315 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

Instrument :

BNA_P

ClientSampleId :

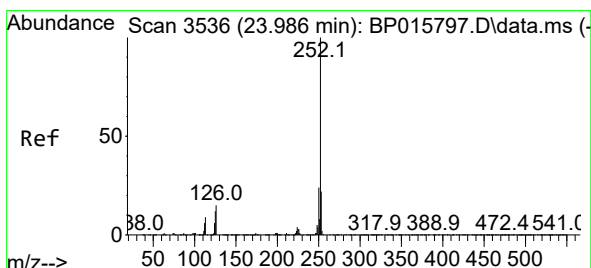
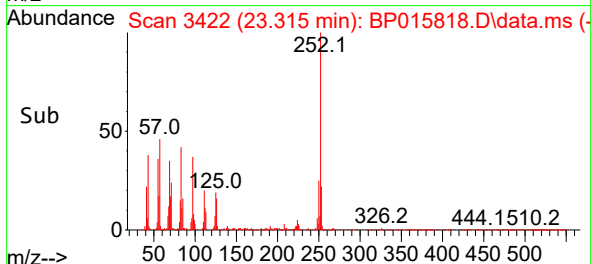
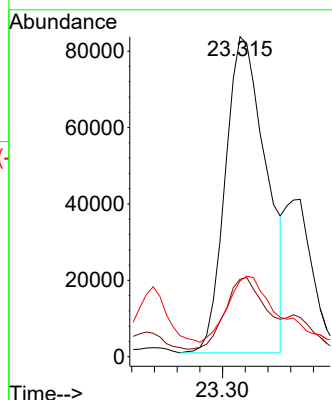
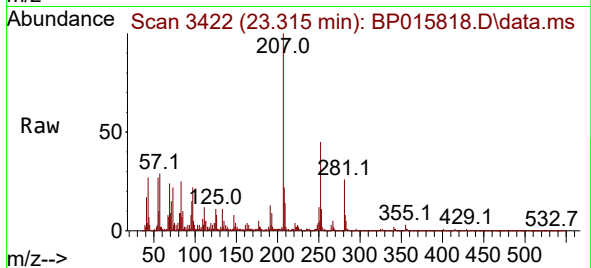
Tgt Ion:252 Resp: 207436

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

125 23.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.829 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

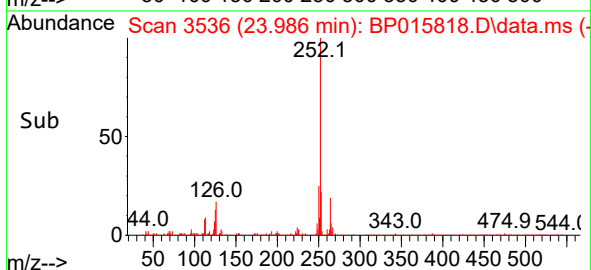
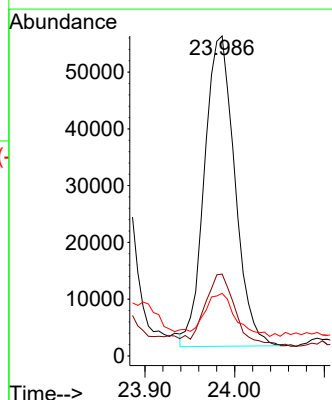
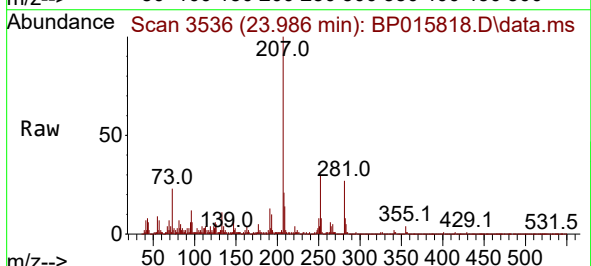
Tgt Ion:252 Resp: 128584

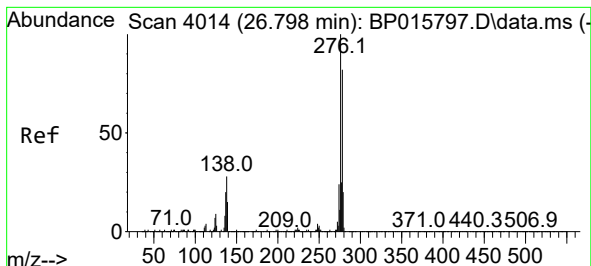
Ion Ratio Lower Upper

252 100

253 25.6 17.7 26.5

125 19.6 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.184 ng/ul

RT: 26.803 min Scan# 4014

Delta R.T. 0.006 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

Instrument :

BNA_P

ClientSampleId :

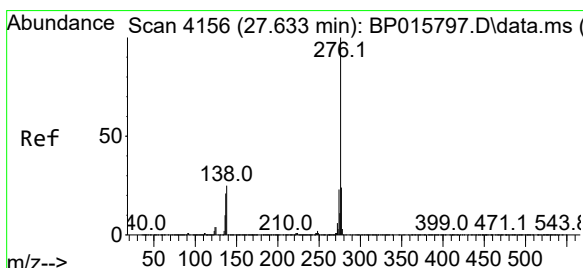
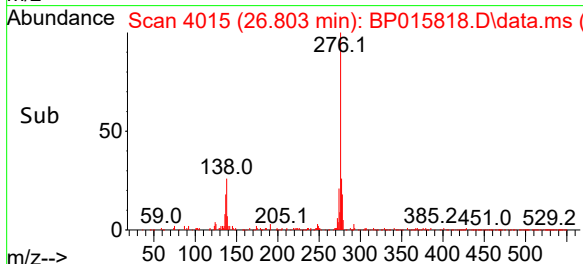
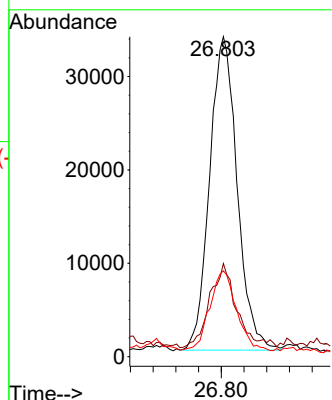
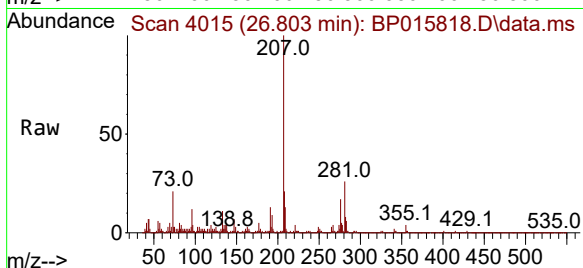
Tgt Ion:276 Resp: 112932

Ion Ratio Lower Upper

276 100

138 29.1 15.7 23.5#

277 26.8 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.414 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015818.D

Acq: 29 Jun 2023 19:46

Tgt Ion:276 Resp: 110982

Ion Ratio Lower Upper

276 100

138 26.9 15.1 22.7#

277 24.5 18.8 28.2

