

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014189.D
 Acq On : 21 Mar 2023 20:02
 Operator : CG/JU
 Sample : 01949-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB929

Quant Time: Mar 22 01:22:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 04:47:07 2023
 Response via : Initial Calibration

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

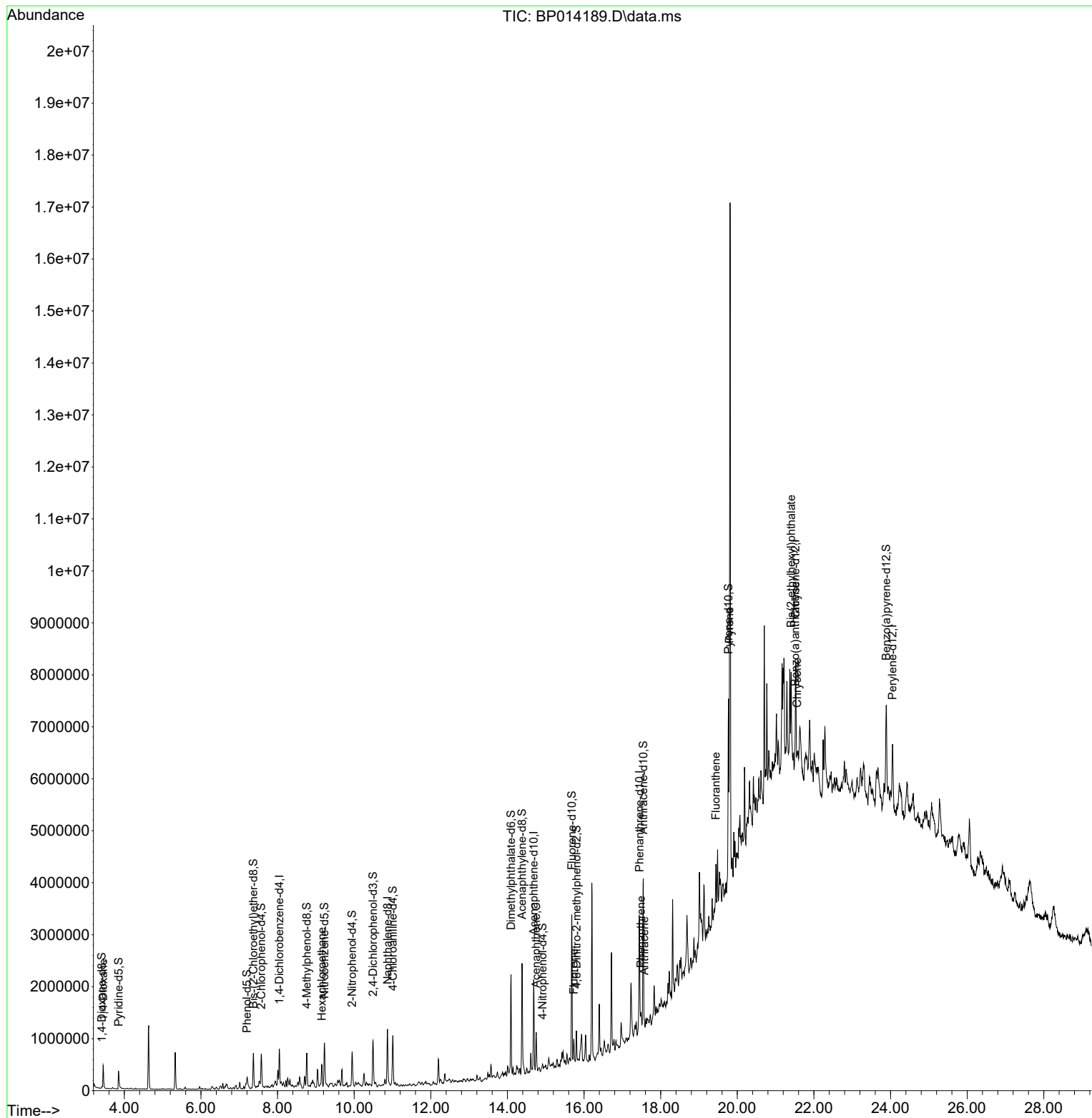
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	195733	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	815502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	547355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1211011	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	952717	20.000	ng/ul	# 0.00
88) Perylene-d12	24.051	264	984460	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	20270	3.913	ng/uL	0.00
4) Pyridine-d5	3.852	84	214161	14.931	ng/ul	0.00
7) Phenol-d5	7.205	99	124513	7.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	280369	27.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	260191	19.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	240322	17.033	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	174344	26.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	188453	24.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	315325	21.515	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	477467	24.618	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1195537	25.737	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1336090	27.151	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	30298	3.701	ng/ul	0.02
60) Fluorene-d10	15.681	176	1033833	26.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	126542	13.825	ng/ul	0.00
73) Anthracene-d10	17.545	188	1638297	27.867	ng/ul	0.00
81) Pyrene-d10	19.769	212	1755920	33.417	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1449779	27.686	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.446	88	245251	43.853	ng/uL	92
19) Hexachloroethane	9.157	117	18734	3.226	ng/ul#	1
52) Acenaphthene	14.751	153	284958	7.893	ng/ul	99
61) Fluorene	15.733	166	164503	3.779	ng/ul	98
72) Phenanthrene	17.486	178	173575	2.628	ng/ul#	93
74) Anthracene	17.575	178	116651	1.742	ng/ul#	93
80) Fluoranthene	19.439	202	590553	9.860	ng/ul#	95
82) Pyrene	19.792	202	453075	7.252	ng/ul#	92
85) Benzo(a)anthracene	21.510	228	81097	1.210	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.404	149	392191	10.413	ng/ul	95
87) Chrysene	21.563	228	74094	1.160	ng/ul#	82

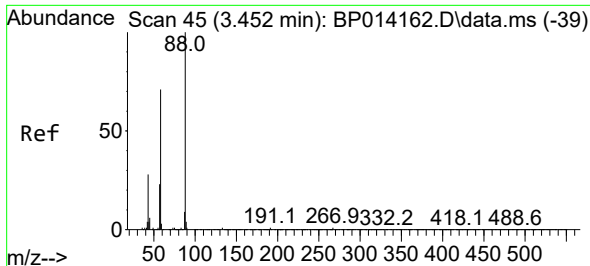
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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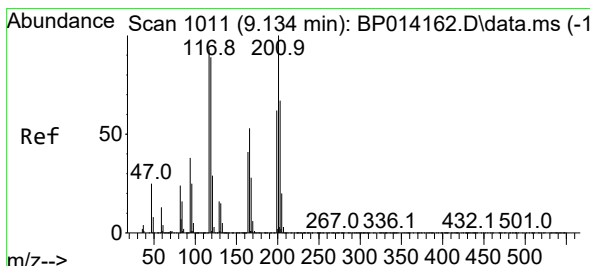
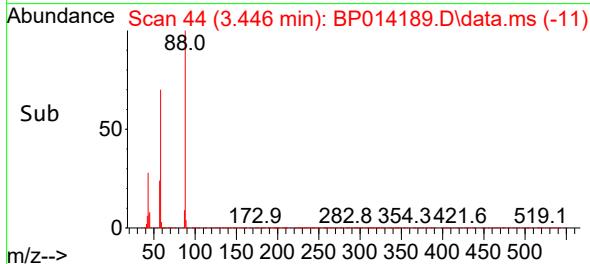
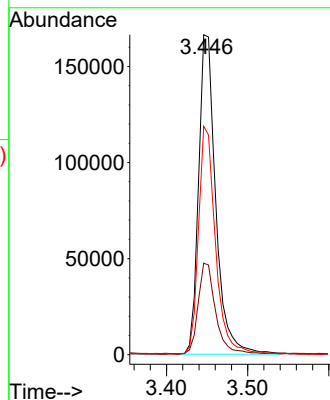
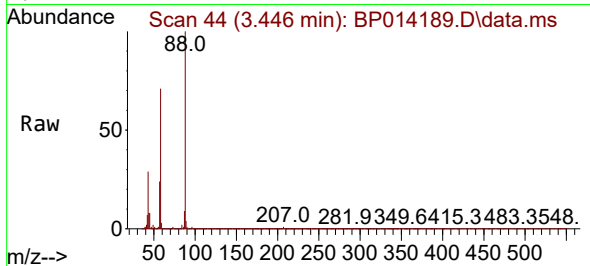




#2
1,4-Dioxane
Concen: 43.853 ng/uL
RT: 3.446 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP014189.D
Acq: 21 Mar 2023 20:02

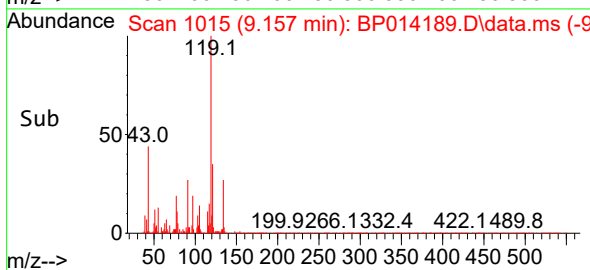
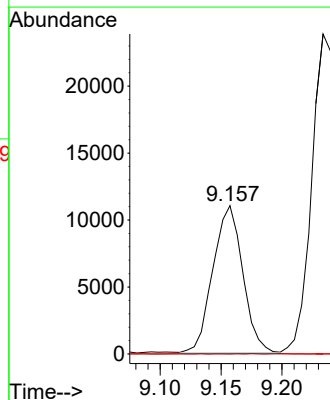
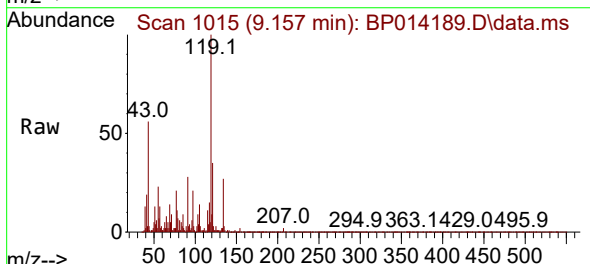
Instrument :
BNA_P
ClientSampleId :
CB929

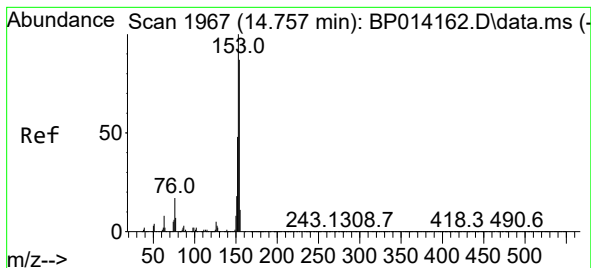
Tgt Ion: 88 Resp: 245251
Ion Ratio Lower Upper
88 100
43 28.6 23.9 35.9
58 71.4 50.2 75.2



#19
Hexachloroethane
Concen: 3.226 ng/uL
RT: 9.157 min Scan# 1015
Delta R.T. 0.023 min
Lab File: BP014189.D
Acq: 21 Mar 2023 20:02

Tgt Ion: 117 Resp: 18734
Ion Ratio Lower Upper
117 100
201 0.0 91.7 137.5#
199 0.1 59.1 88.7#





#52

Acenaphthene

Concen: 7.893 ng/ul

RT: 14.751 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

Instrument :

BNA_P

ClientSampleId :

CB929

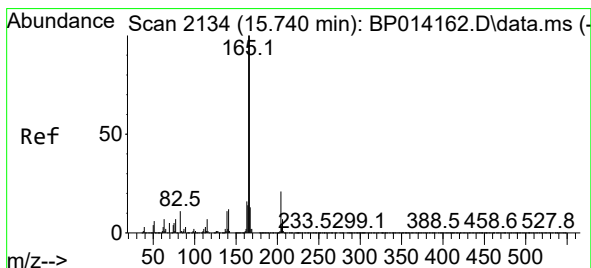
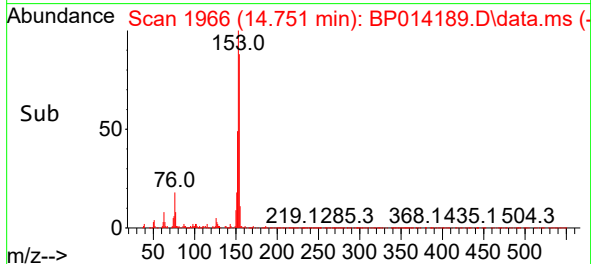
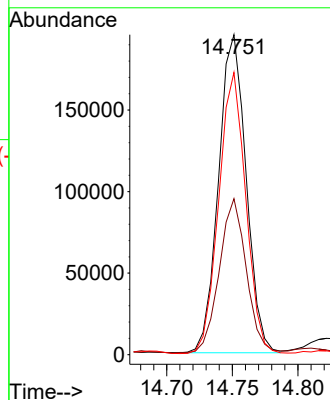
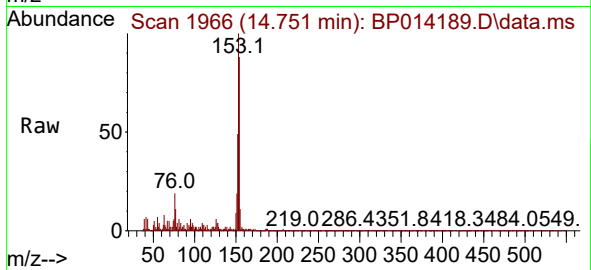
Tgt Ion:153 Resp: 284958

Ion Ratio Lower Upper

153 100

152 48.7 37.7 56.5

154 88.2 70.4 105.6



#61

Fluorene

Concen: 3.779 ng/ul

RT: 15.733 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

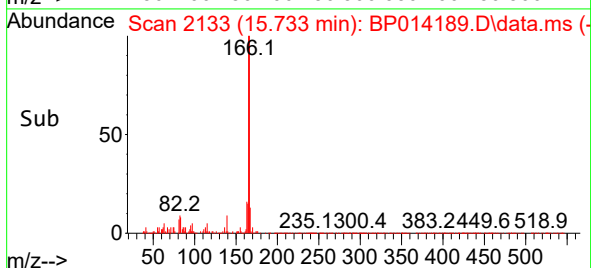
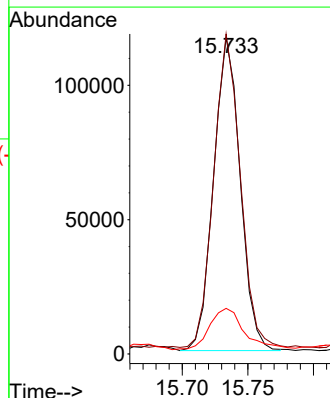
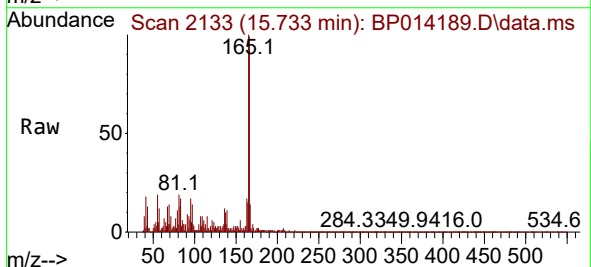
Tgt Ion:166 Resp: 164503

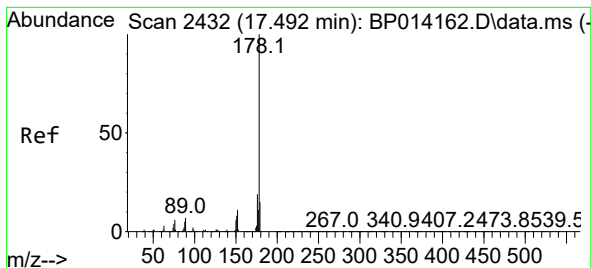
Ion Ratio Lower Upper

166 100

165 101.1 78.9 118.3

167 14.4 11.0 16.6





#72

Phenanthrene

Concen: 2.628 ng/ul

RT: 17.486 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

Instrument :

BNA_P

ClientSampleId :

CB929

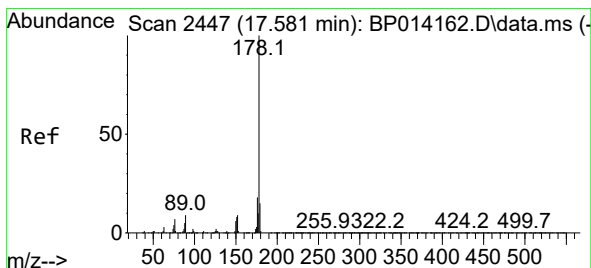
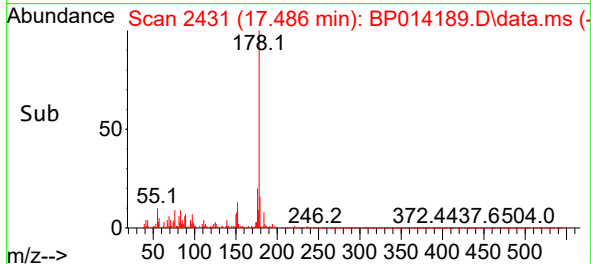
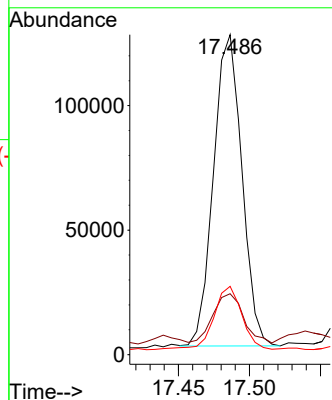
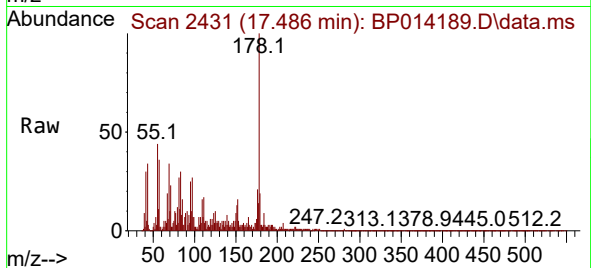
Tgt Ion:178 Resp: 173575

Ion Ratio Lower Upper

178 100

179 19.1 12.2 18.4#

176 21.4 15.4 23.0



#74

Anthracene

Concen: 1.742 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

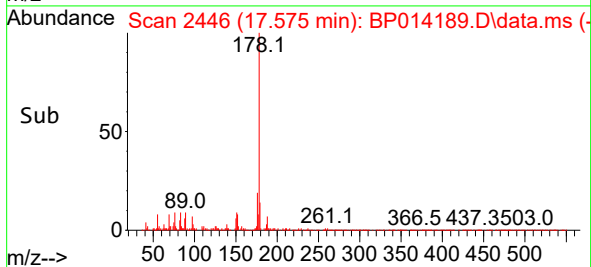
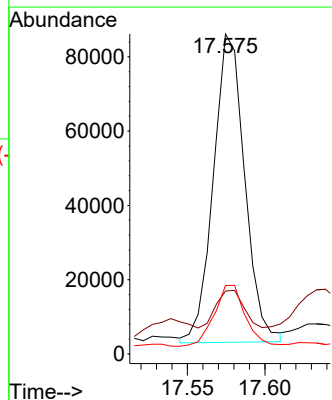
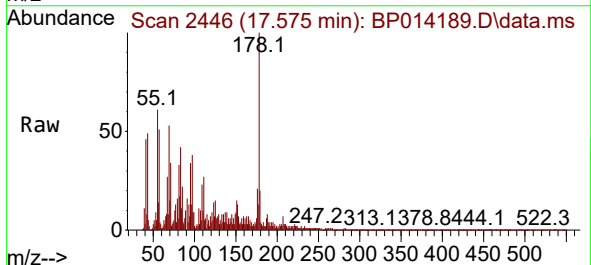
Tgt Ion:178 Resp: 116651

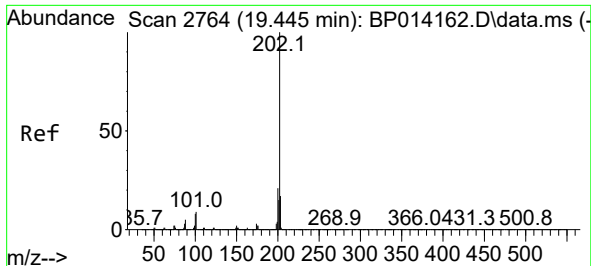
Ion Ratio Lower Upper

178 100

179 19.7 12.5 18.7#

176 21.4 15.1 22.7

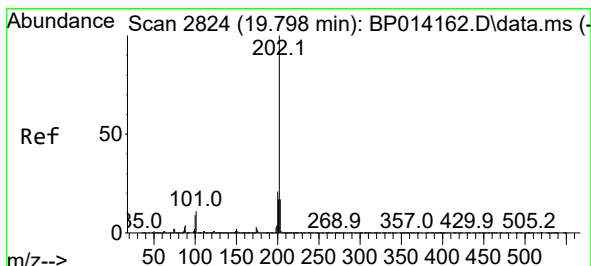
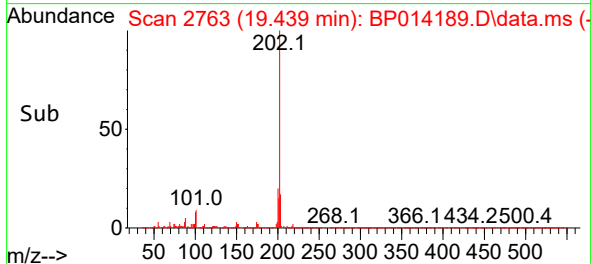
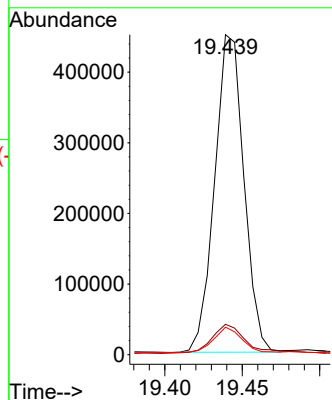
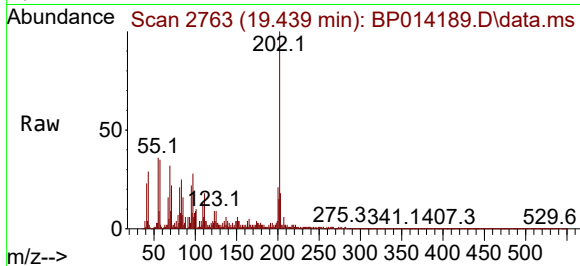




#80
Fluoranthene
Concen: 9.860 ng/ul
RT: 19.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014189.D
Acq: 21 Mar 2023 20:02

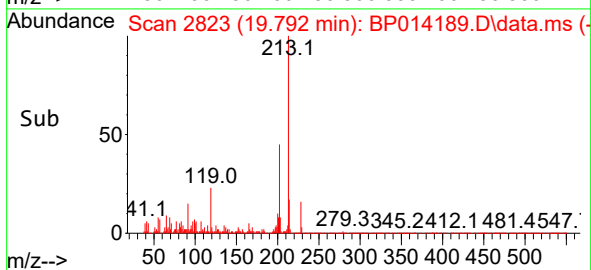
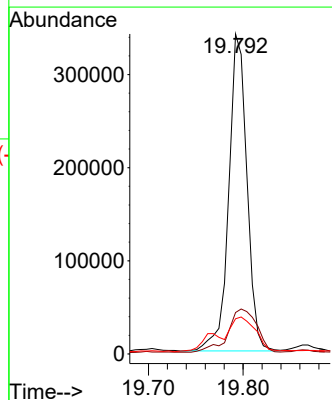
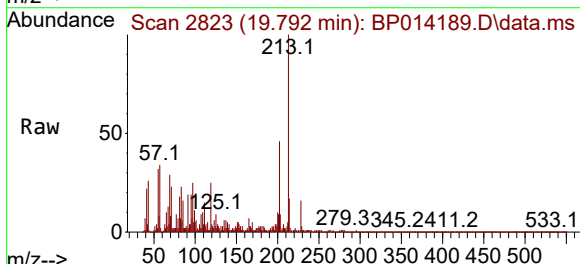
Instrument :
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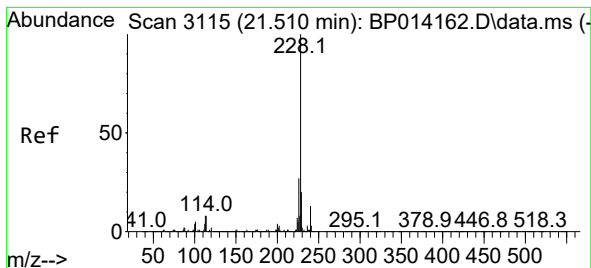
Tgt Ion:202 Resp: 590553
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 8.6 5.0 7.4#



#82
Pyrene
Concen: 7.252 ng/ul
RT: 19.792 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP014189.D
Acq: 21 Mar 2023 20:02

Tgt Ion:202 Resp: 453075
Ion Ratio Lower Upper
202 100
101 13.0 7.8 11.8#
100 11.0 6.5 9.7#





#85

Benzo(a)anthracene

Concen: 1.210 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

Instrument :

BNA_P

ClientSampleId :

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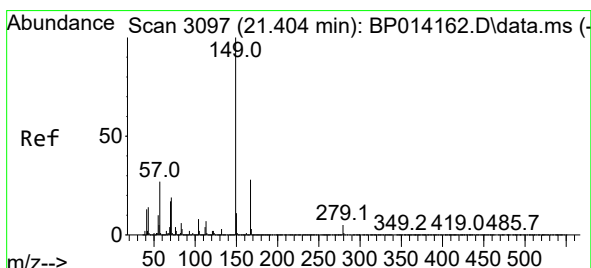
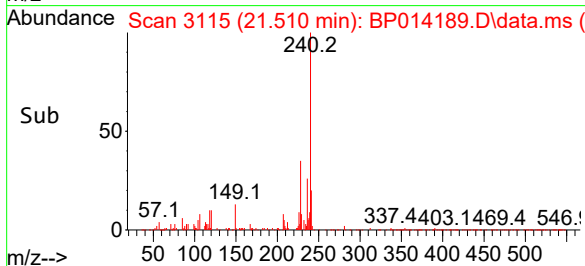
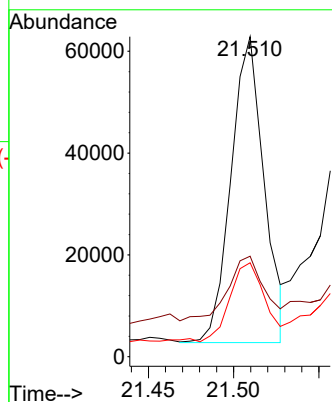
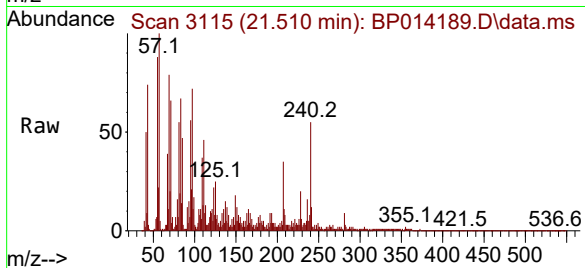
Tgt Ion:228 Resp: 81097

Ion Ratio Lower Upper

228 100

229 31.4 15.5 23.3#

226 29.4 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.413 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BP014189.D

Acq: 21 Mar 2023 20:02

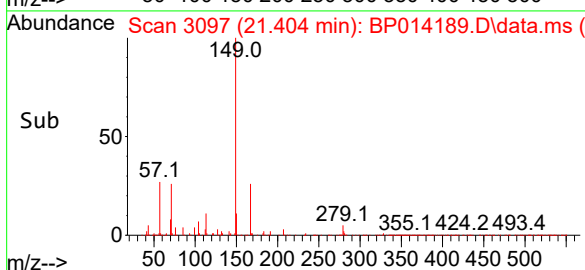
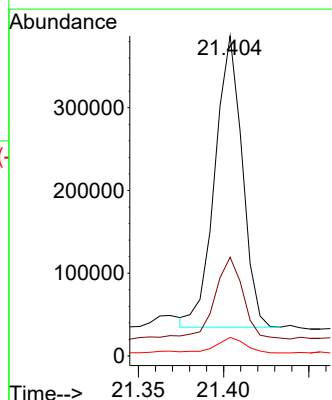
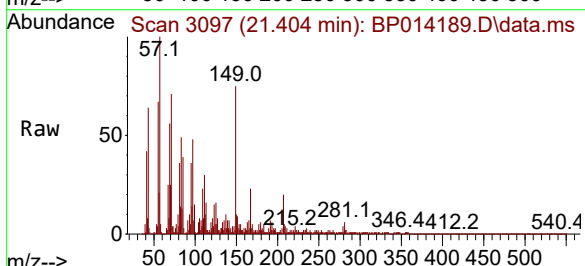
Tgt Ion:149 Resp: 392191

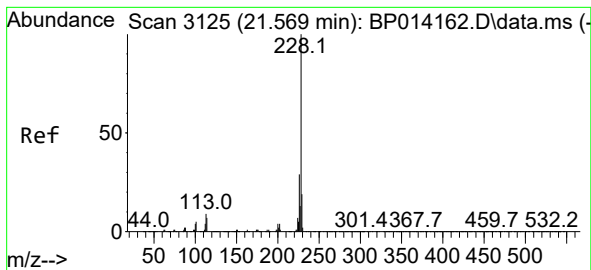
Ion Ratio Lower Upper

149 100

167 30.9 22.3 33.5

279 5.8 4.3 6.5





#87

Chrysene

Concen: 1.160 ng/ul

RT: 21.563 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014189.D

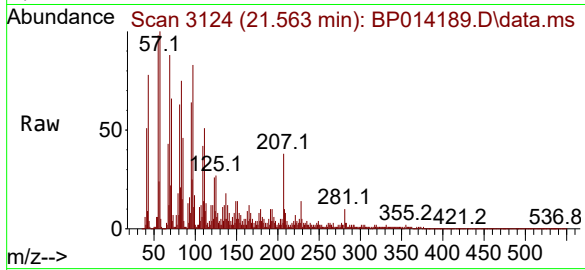
Acq: 21 Mar 2023 20:02

Instrument :

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ClientSampleId :

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Tgt Ion:228 Resp: 74094

Ion Ratio Lower Upper

228 100

226 35.0 24.2 36.2

229 34.7 15.7 23.5#

