

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015925.D
 Acq On : 02 Jul 2023 15:43
 Operator : MA/JU
 Sample : 03243-12
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD2

Quant Time: Jul 03 04:19:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

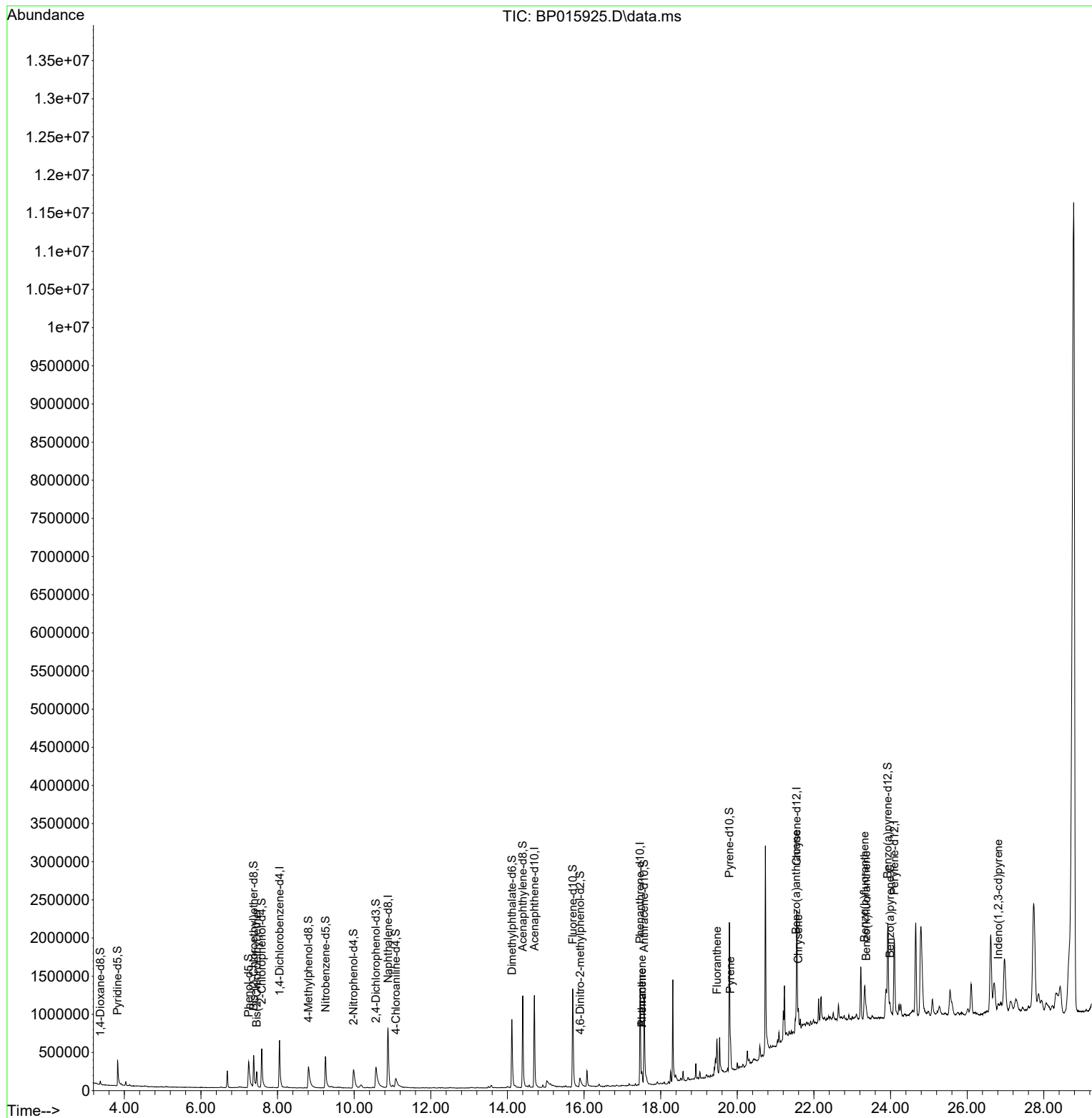
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	210396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	836732	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	443220	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	824500	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	747209	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	866547	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22297	3.813	ng/uL	0.00
4) Pyridine-d5	3.822	84	194576	13.200	ng/ul	0.00
7) Phenol-d5	7.246	99	337359	18.740	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	242644	21.787	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	290771	21.398	ng/ul	0.01
15) 4-Methylphenol-d8	8.804	113	212286	14.927	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	129562	20.261	ng/ul	0.02
24) 2-Nitrophenol-d4	9.981	143	143383	19.212	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.569	165	216168	16.254	ng/ul	0.06
31) 4-Chloroaniline-d4	11.087	131	153835	9.004	ng/ul	0.06
46) Dimethylphthalate-d6	14.116	166	780127	22.772	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	854854	22.198	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	84	0.019	ng/ul	-0.03
60) Fluorene-d10	15.704	176	612260	21.706	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.898	200	45204	8.915	ng/ul	0.04
73) Anthracene-d10	17.569	188	824832	21.901	ng/ul	0.01
81) Pyrene-d10	19.792	212	1057909	21.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1046914	23.950	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.457	93	71633	4.819	ng/ul#	24
72) Phenanthrene	17.510	178	77526	1.731	ng/ul	99
74) Anthracene	17.510	178	77595	1.724	ng/ul	98
80) Fluoranthene	19.469	202	253227	4.176	ng/ul#	91
82) Pyrene	19.822	202	212830	3.441	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	145063	2.760	ng/ul	94
87) Chrysene	21.592	228	160302	3.214	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	247694	4.449	ng/ul#	92
91) Benzo(k)fluoranthene	23.363	252	79637	1.416	ng/ul#	89
93) Benzo(a)pyrene	23.986	252	148546	3.053	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.809	276	119288	1.806	ng/ul#	92

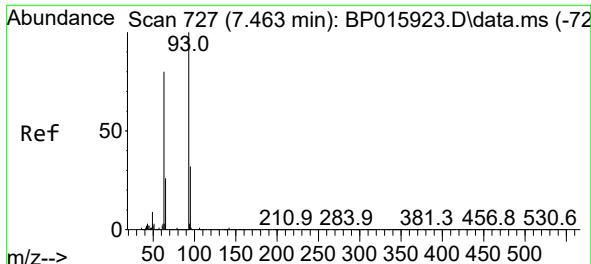
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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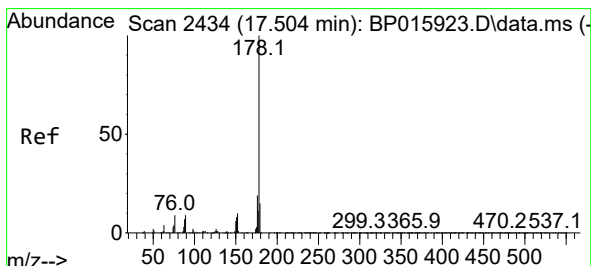
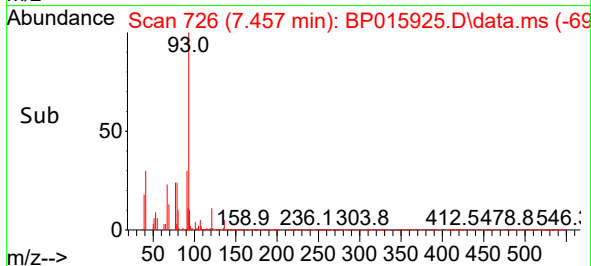
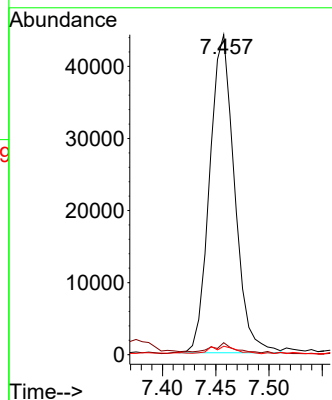
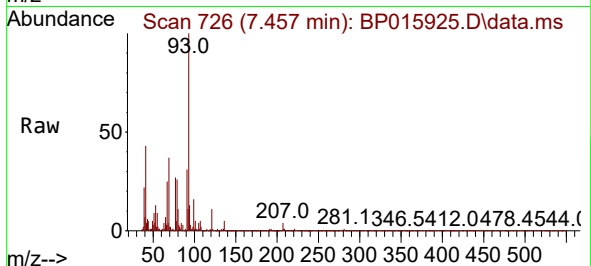




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.819 ng/ul
 RT: 7.457 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP015925.D
 Acq: 02 Jul 2023 15:43

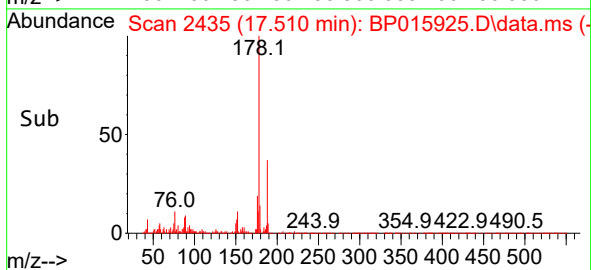
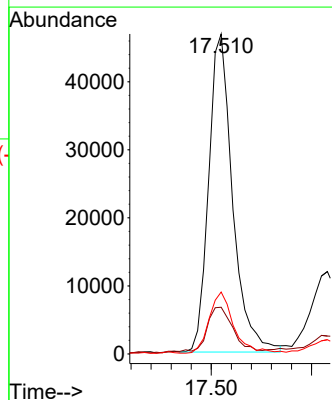
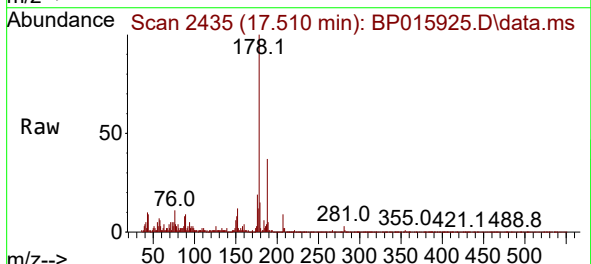
Instrument :
 BNA_P
 ClientSampleId :
 DCGD2

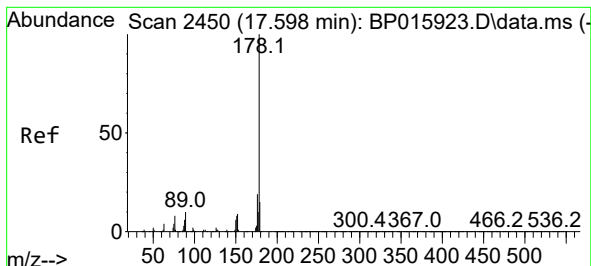
Tgt Ion: 93 Resp: 71633
 Ion Ratio Lower Upper
 93 100
 63 3.7 62.8 94.2#
 95 2.7 25.6 38.4#



#72
 Phenanthrene
 Concen: 1.731 ng/ul
 RT: 17.510 min Scan# 2435
 Delta R.T. 0.012 min
 Lab File: BP015925.D
 Acq: 02 Jul 2023 15:43

Tgt Ion: 178 Resp: 77526
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.4 18.6
 176 19.3 15.6 23.4





#74

Anthracene

Concen: 1.724 ng/ul

RT: 17.510 min Scan# 24

Delta R.T. -0.088 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCGD2

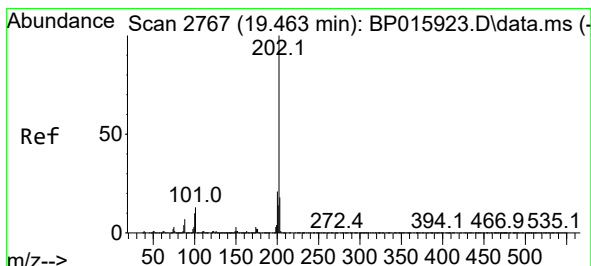
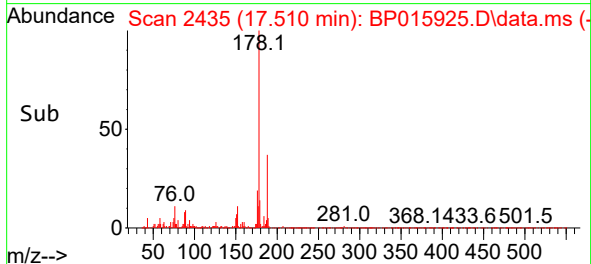
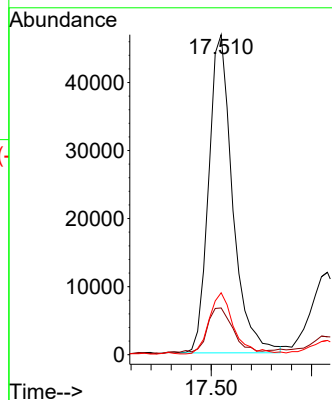
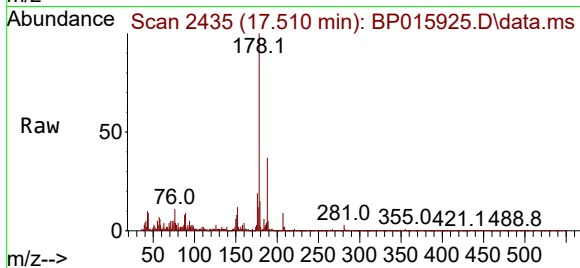
Tgt Ion:178 Resp: 77595

Ion Ratio Lower Upper

178 100

179 14.6 12.1 18.1

176 19.3 14.6 22.0



#80

Fluoranthene

Concen: 4.176 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.006 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

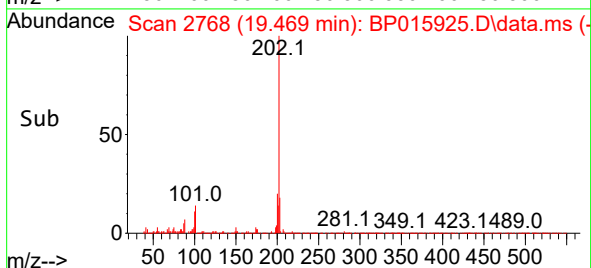
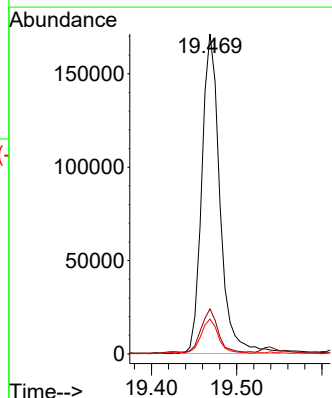
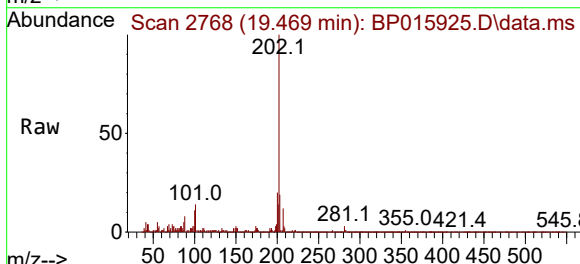
Tgt Ion:202 Resp: 253227

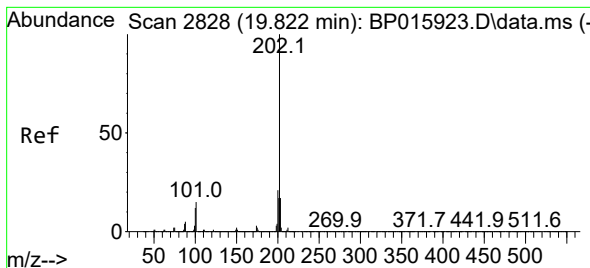
Ion Ratio Lower Upper

202 100

101 14.1 8.3 12.5#

100 10.9 6.6 9.8#





#82

Pyrene

Concen: 3.441 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCGD2

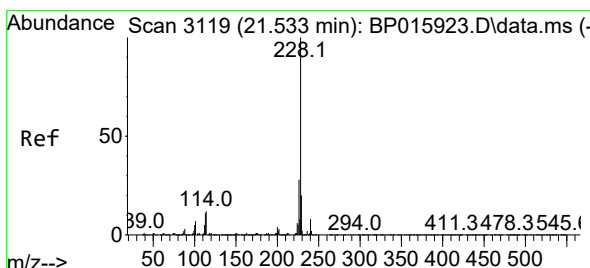
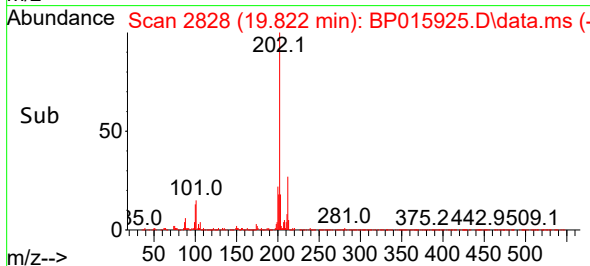
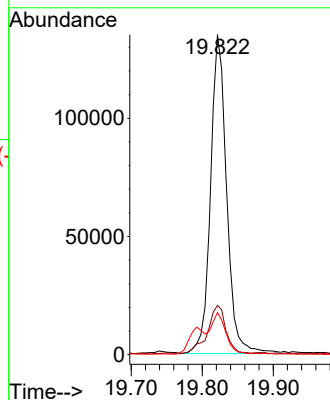
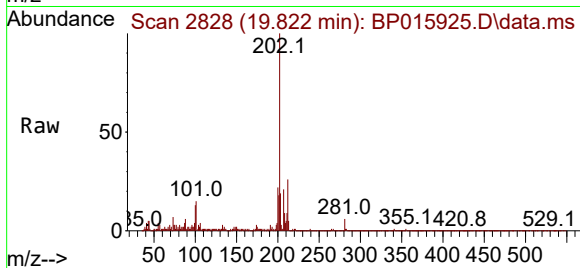
Tgt Ion:202 Resp: 212830

Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 13.1 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 2.760 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

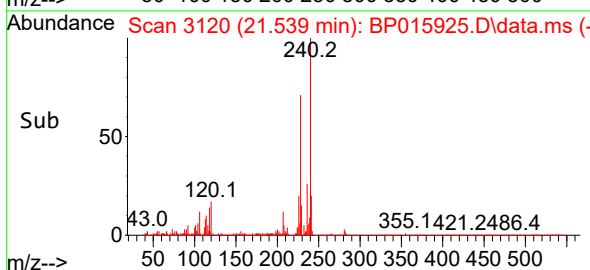
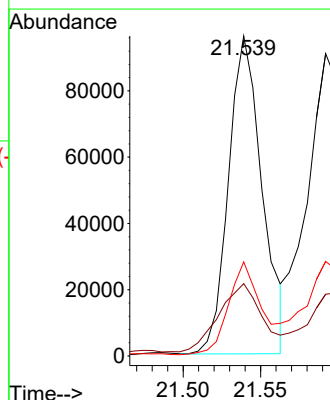
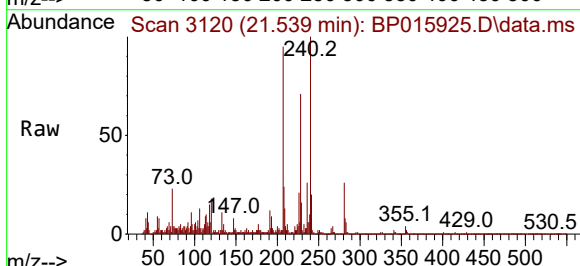
Tgt Ion:228 Resp: 145063

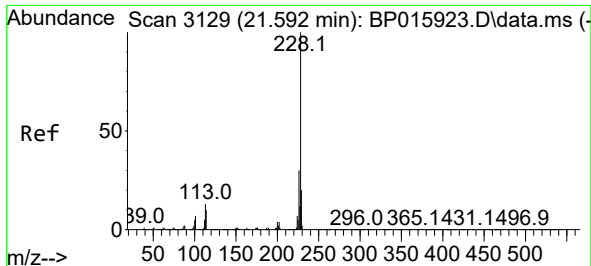
Ion Ratio Lower Upper

228 100

229 22.6 15.3 22.9

226 29.4 21.4 32.0





#87

Chrysene

Concen: 3.214 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCGD2

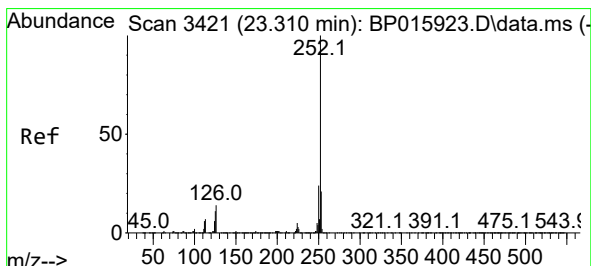
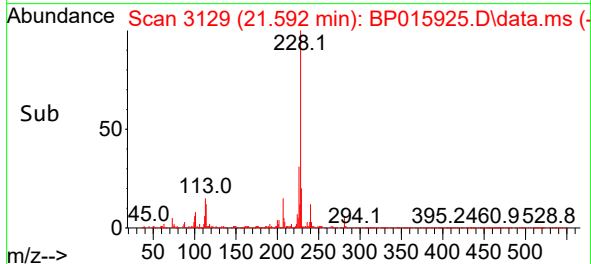
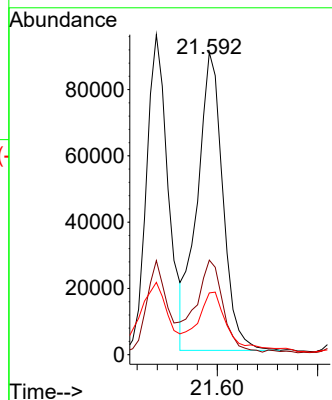
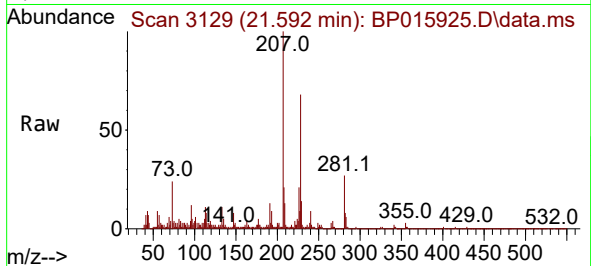
Tgt Ion:228 Resp: 160302

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.4 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 4.449 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. 0.012 min

Lab File: BP015925.D

Acq: 02 Jul 2023 15:43

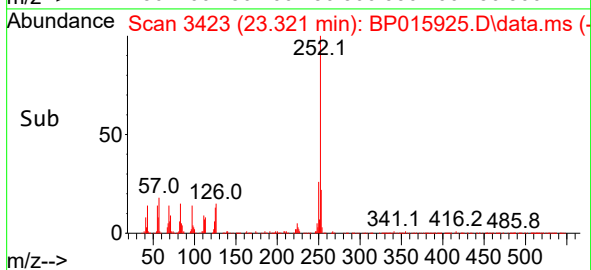
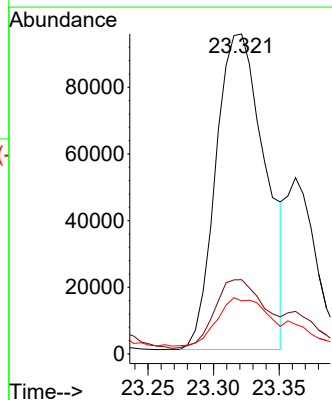
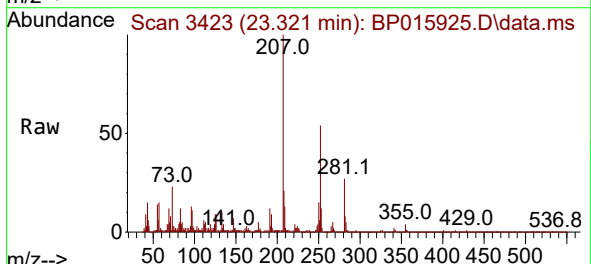
Tgt Ion:252 Resp: 247694

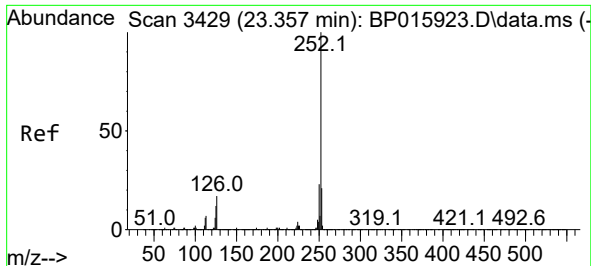
Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 16.6 7.5 11.3

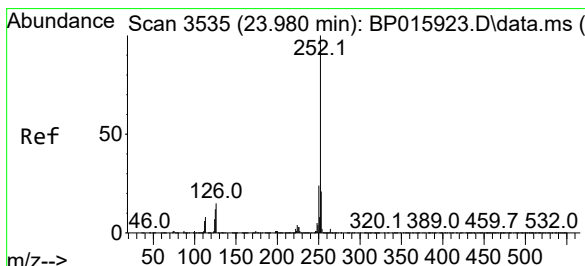
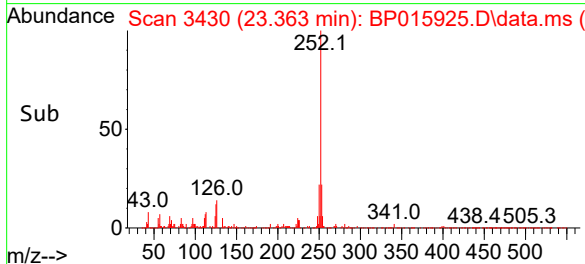
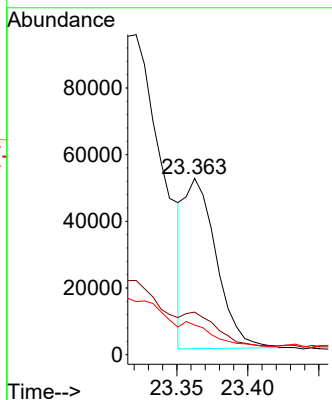
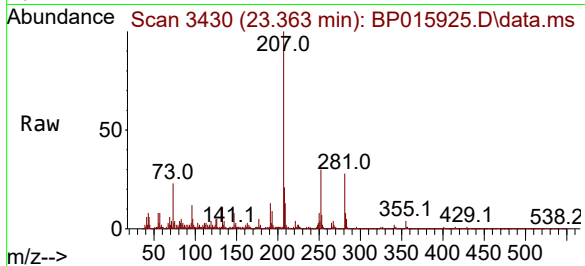




#91
Benzo(k)fluoranthene
Concen: 1.416 ng/ul
RT: 23.363 min Scan# 3429
Delta R.T. 0.006 min
Lab File: BP015925.D
Acq: 02 Jul 2023 15:43

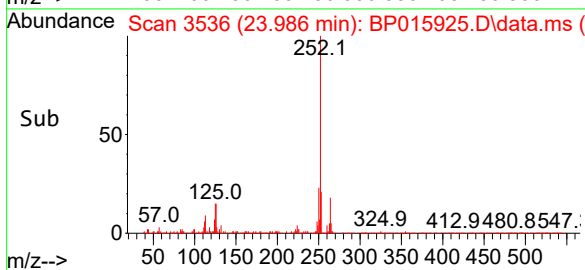
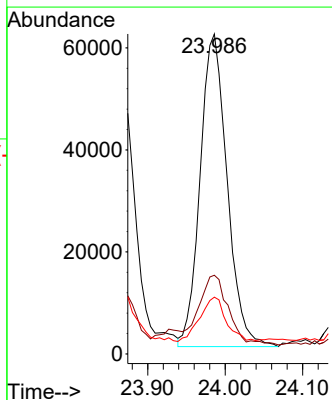
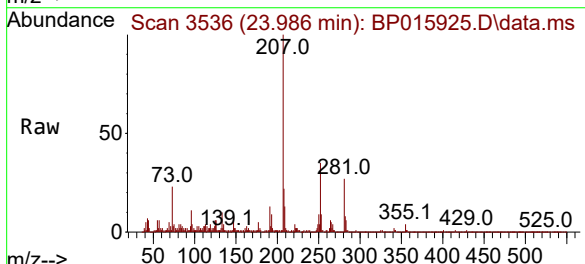
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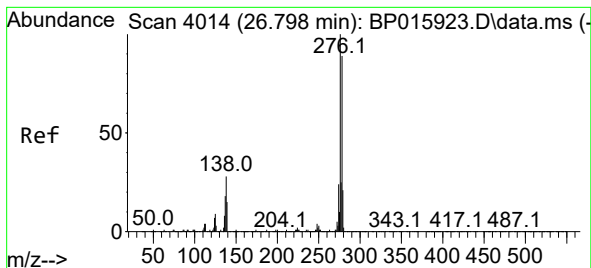
Tgt Ion:252 Resp: 79637
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 16.8 7.3 10.9#



#93
Benzo(a)pyrene
Concen: 3.053 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.006 min
Lab File: BP015925.D
Acq: 02 Jul 2023 15:43

Tgt Ion:252 Resp: 148546
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 17.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.806 ng/ul

RT: 26.809 min Scan# 40

Delta R.T. 0.018 min

Lab File: BP015925.D

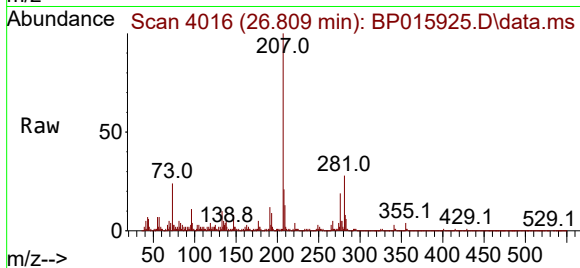
Acq: 02 Jul 2023 15:43

Instrument :

BNA_P

ClientSampleId :

DCGD2



Tgt Ion:276 Resp: 119288

Ion Ratio Lower Upper

276 100

138 27.1 15.7 23.5#

277 24.9 19.6 29.4

