

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015902.D
 Acq On : 02 Jul 2023 01:35
 Operator : MA/JU
 Sample : 03243-01
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA5

Quant Time: Jul 02 02:48:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

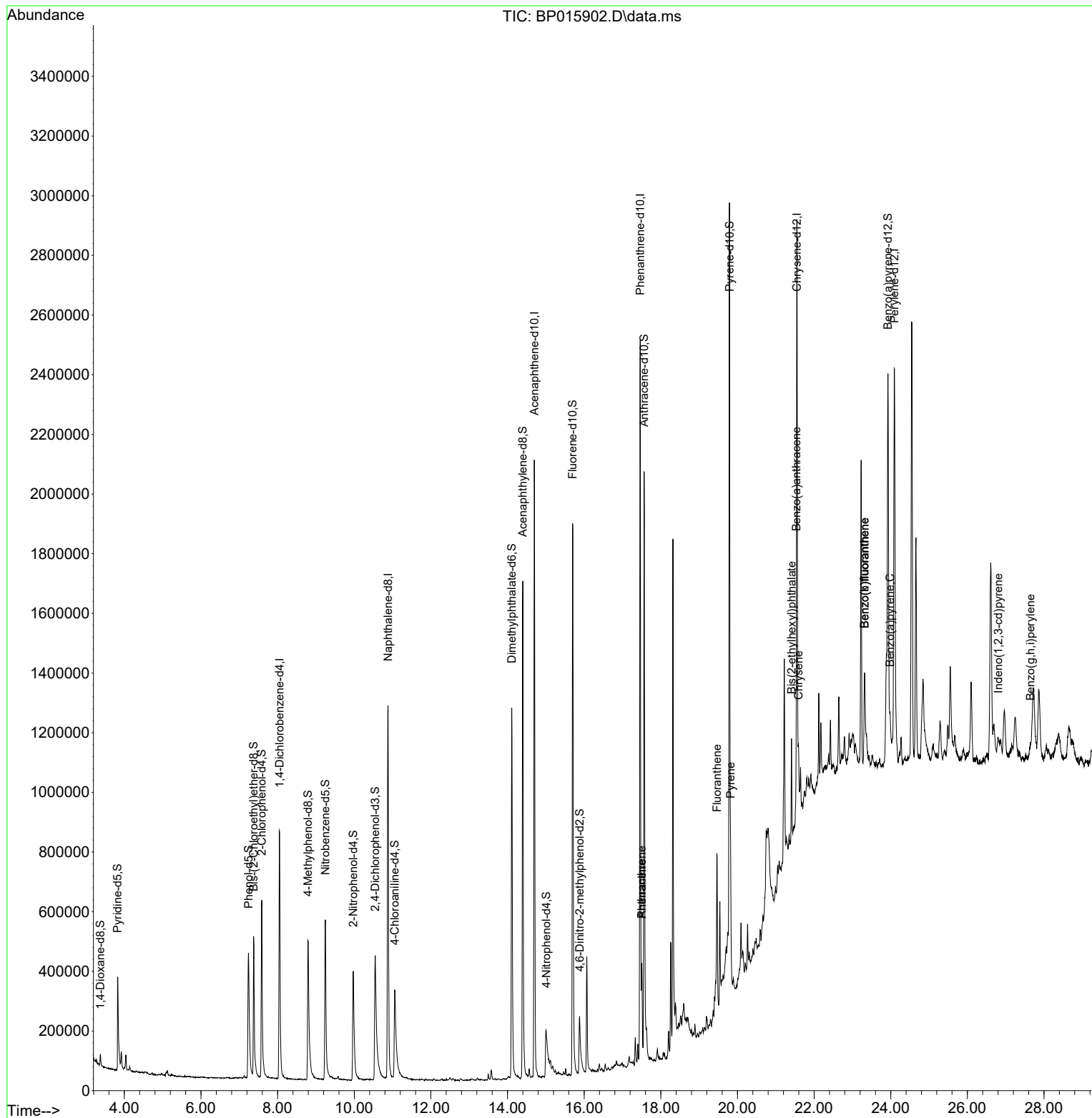
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	266144	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1186169	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	713399	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1489187	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	976233	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1035068	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	18668	2.524	ng/uL	0.00
4) Pyridine-d5	3.823	84	200523	10.754	ng/ul	0.00
7) Phenol-d5	7.240	99	390232	17.137	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	271558	19.275	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	322387	18.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	280817	15.610	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	152834	16.860	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	170953	16.158	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	297684	15.789	ng/ul	0.02
31) 4-Chloroaniline-d4	11.057	131	304937	12.591	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1002863	18.187	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	1143413	18.447	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	91898	12.629	ng/ul	0.04
60) Fluorene-d10	15.698	176	863966	19.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	68654	7.496	ng/ul	0.02
73) Anthracene-d10	17.563	188	1276242	18.762	ng/ul	0.00
81) Pyrene-d10	19.792	212	1399452	21.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1057033	20.244	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	167701	2.073	ng/ul	100
74) Anthracene	17.504	178	168379	2.071	ng/ul	98
80) Fluoranthene	19.469	202	319025	4.027	ng/ul#	95
82) Pyrene	19.822	202	245908	3.043	ng/ul#	93
85) Benzo(a)anthracene	21.539	228	107153	1.560	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	117605	2.596	ng/ul#	97
87) Chrysene	21.592	228	128544	1.973	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	179261	2.695	ng/ul#	88
91) Benzo(k)fluoranthene	23.316	252	179261	2.668	ng/ul#	87
93) Benzo(a)pyrene	23.980	252	106821	1.838	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.804	276	87969	1.115	ng/ul#	95
96) Benzo(g,h,i)perylene	27.645	276	72432	1.116	ng/ul#	91

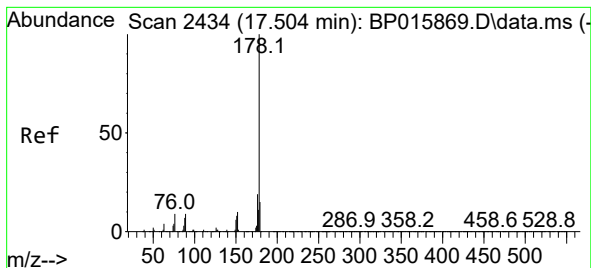
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 02:29:46 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.073 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Instrument :

BNA_P

ClientSampleId :

DCGA5

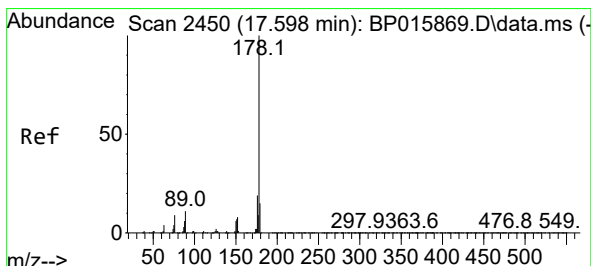
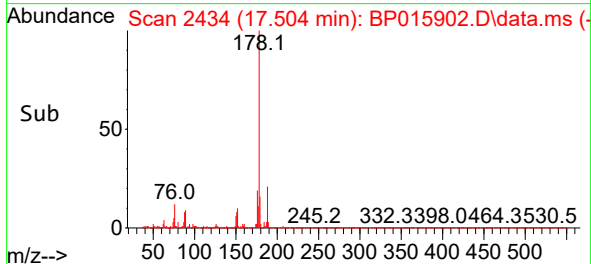
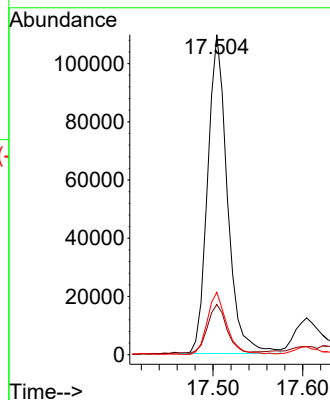
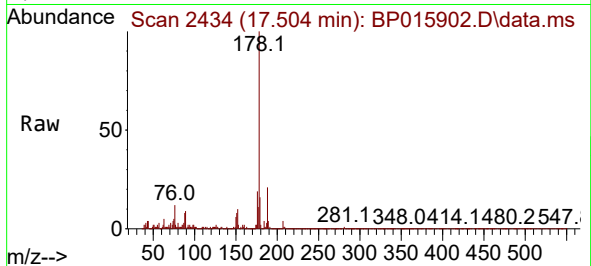
Tgt Ion:178 Resp: 167701

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 2.071 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.100 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

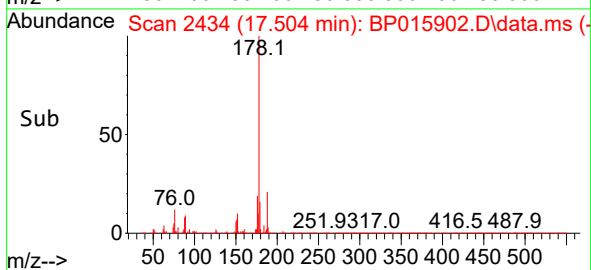
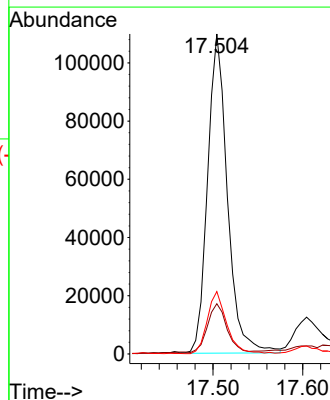
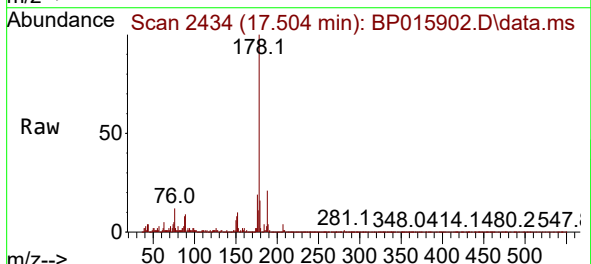
Tgt Ion:178 Resp: 168379

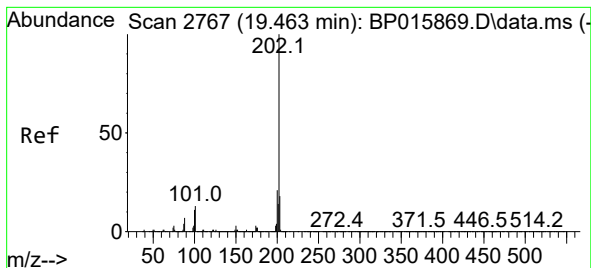
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.5 14.6 22.0





#80

Fluoranthene

Concen: 4.027 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Instrument :

BNA_P

ClientSampleId :

DCGA5

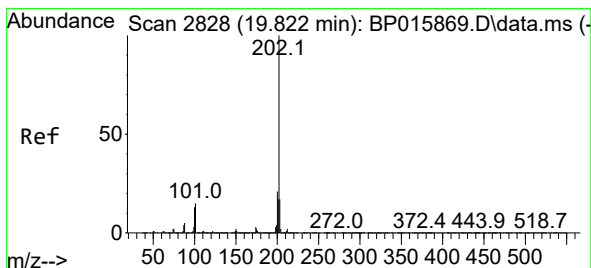
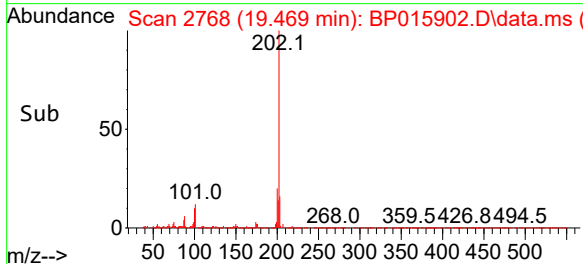
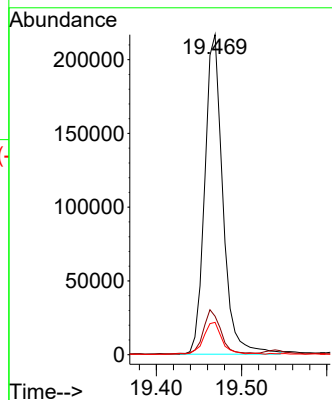
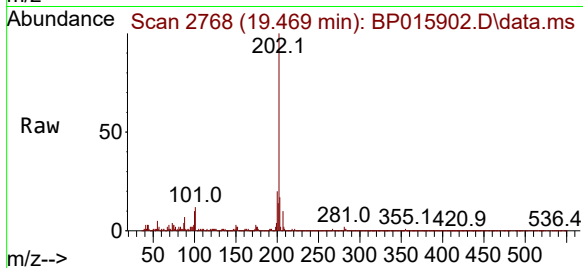
Tgt Ion:202 Resp: 319025

Ion Ratio Lower Upper

202 100

101 12.0 8.3 12.5

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 3.043 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

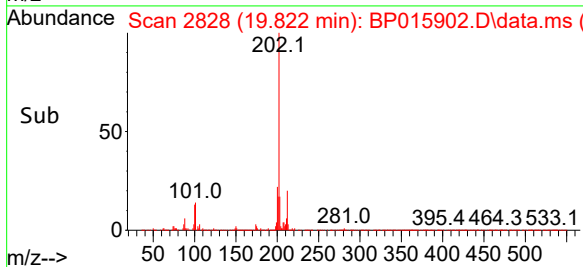
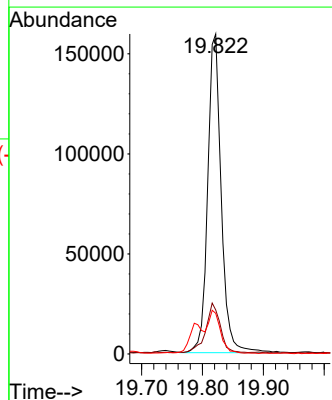
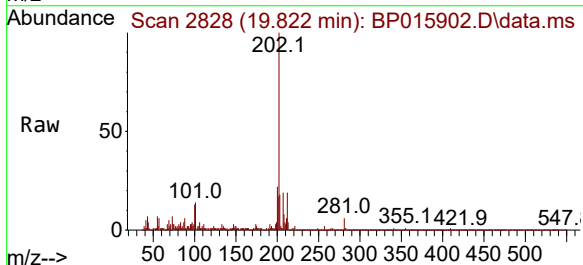
Tgt Ion:202 Resp: 245908

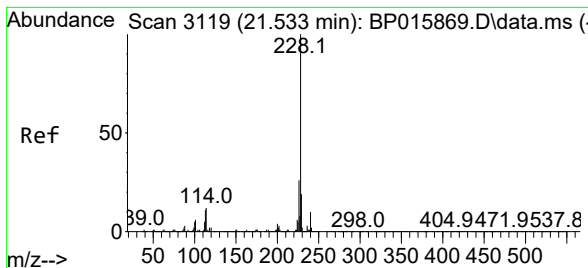
Ion Ratio Lower Upper

202 100

101 13.8 9.3 13.9

100 12.7 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.560 ng/ul

RT: 21.539 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Instrument :

BNA_P

ClientSampleId :

DCGA5

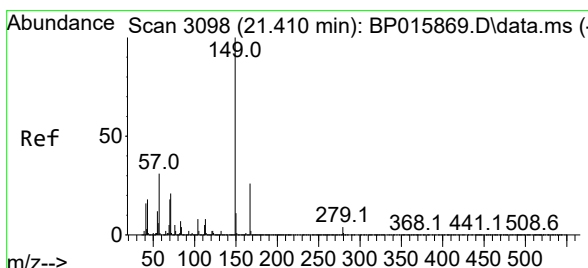
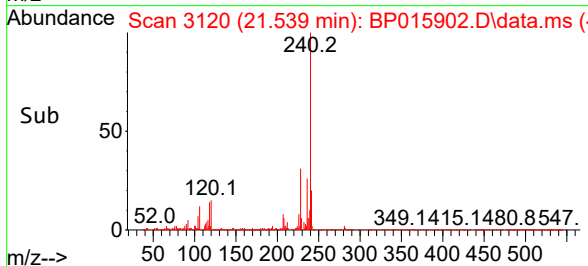
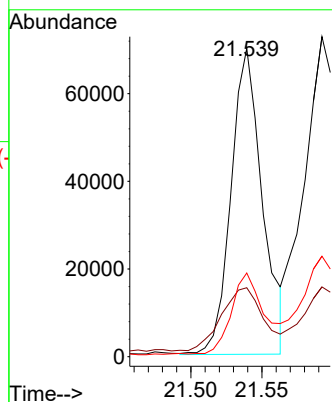
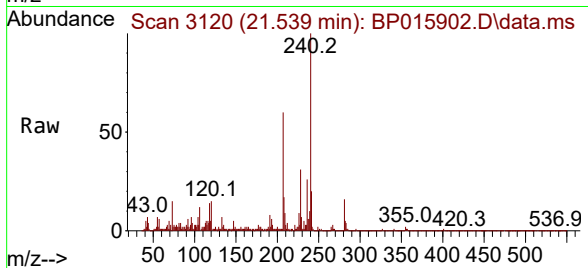
Tgt Ion:228 Resp: 107153

Ion Ratio Lower Upper

228 100

229 22.3 15.3 22.9

226 27.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.596 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

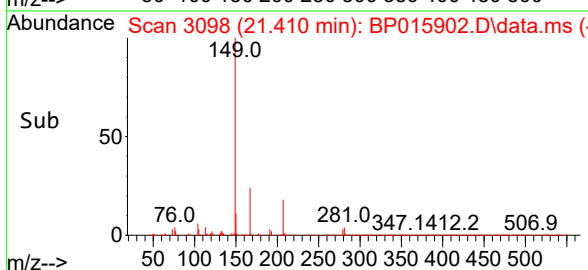
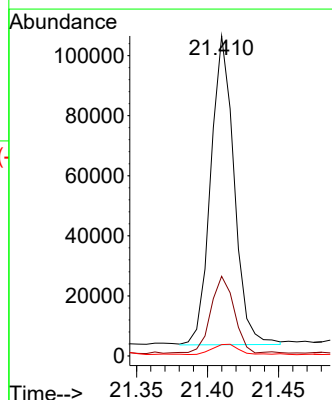
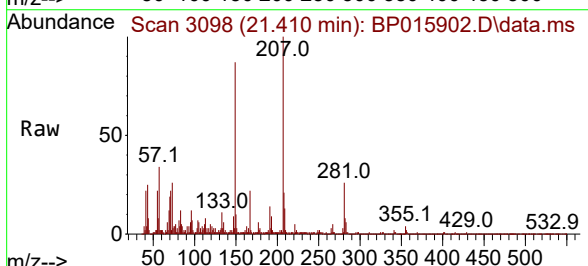
Tgt Ion:149 Resp: 117605

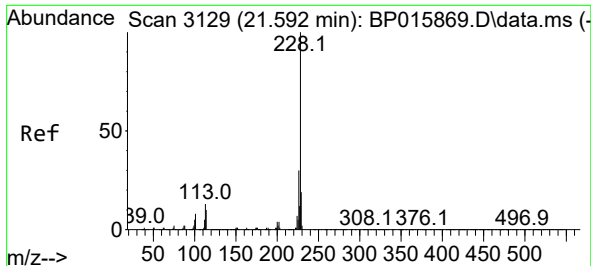
Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.6

279 3.6 3.8 5.6#





#87

Chrysene

Concen: 1.973 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Instrument :

BNA_P

ClientSampleId :

DCGA5

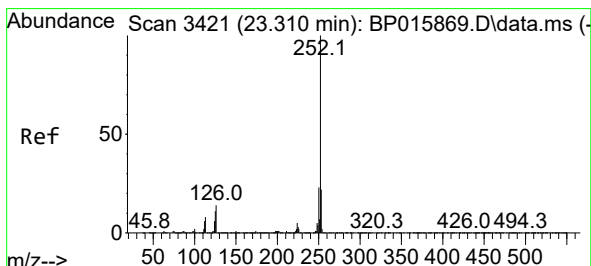
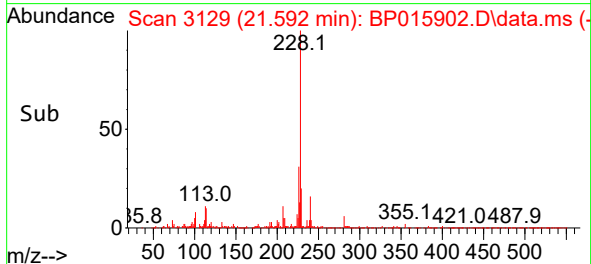
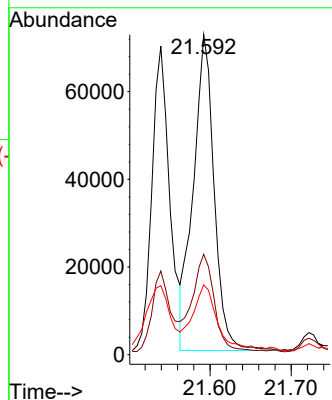
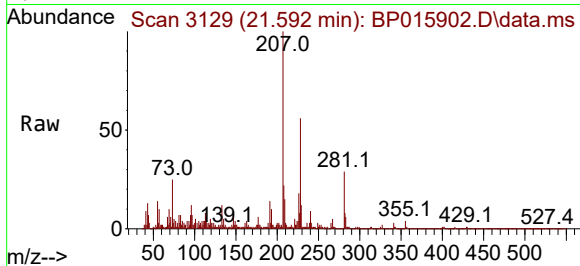
Tgt Ion:228 Resp: 128544

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

229 21.8 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.695 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

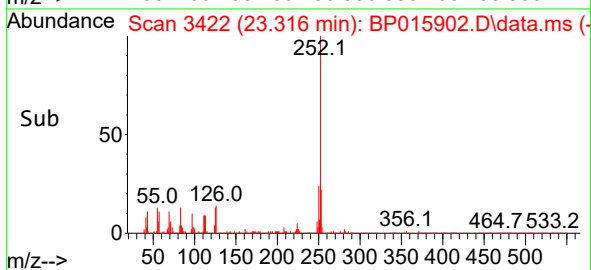
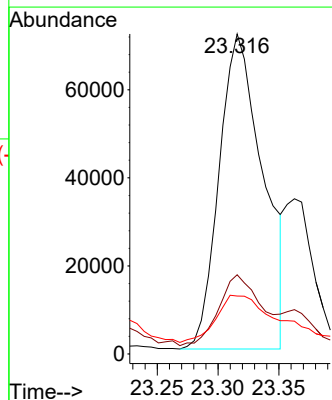
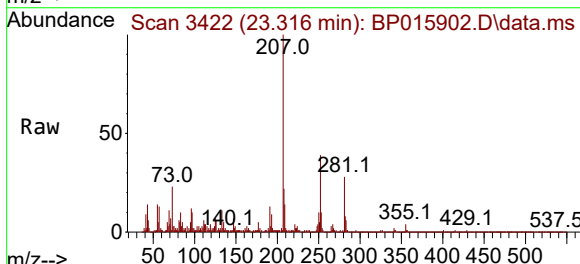
Tgt Ion:252 Resp: 179261

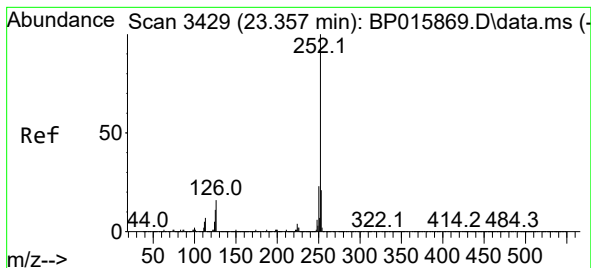
Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

125 18.1 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.668 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.059 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Instrument :

BNA_P

ClientSampleId :

DCGA5

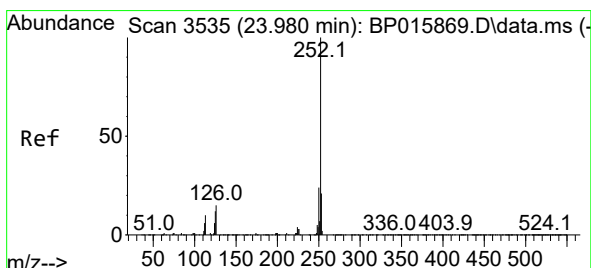
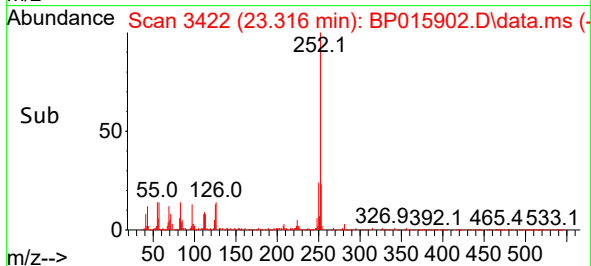
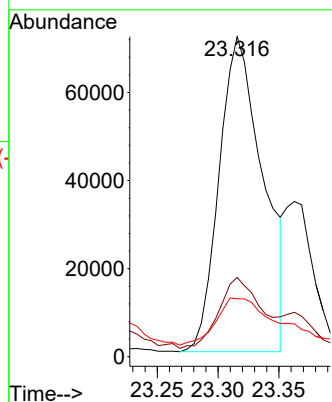
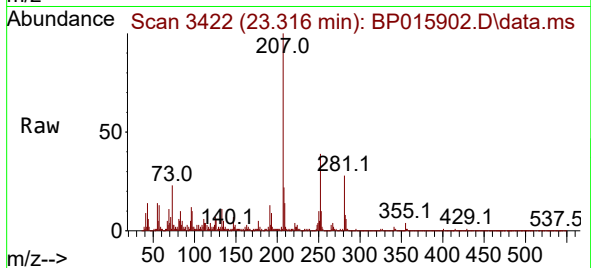
Tgt Ion:252 Resp: 179261

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.4

125 18.1 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.838 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.018 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

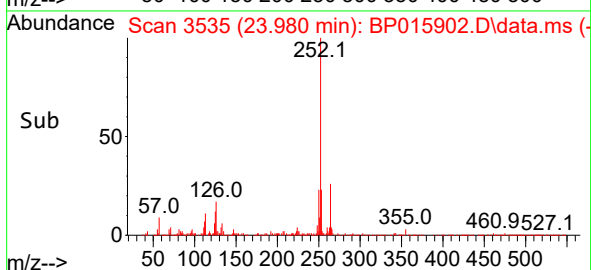
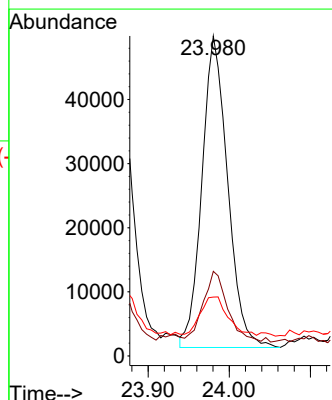
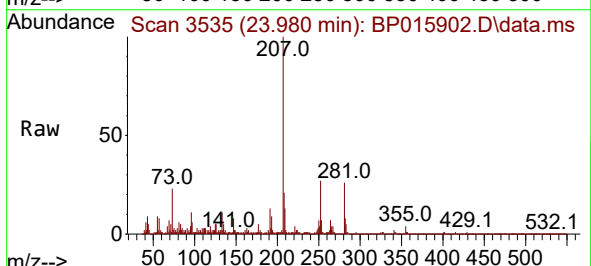
Tgt Ion:252 Resp: 106821

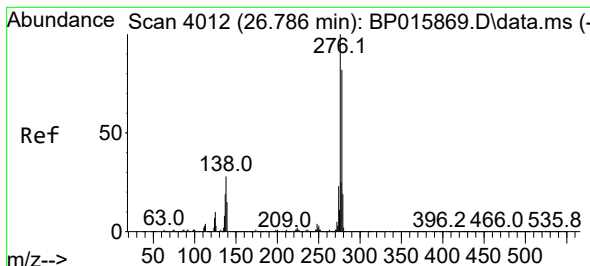
Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 18.4 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.115 ng/ul

RT: 26.804 min Scan# 4012

Delta R.T. -0.012 min

Lab File: BP015902.D

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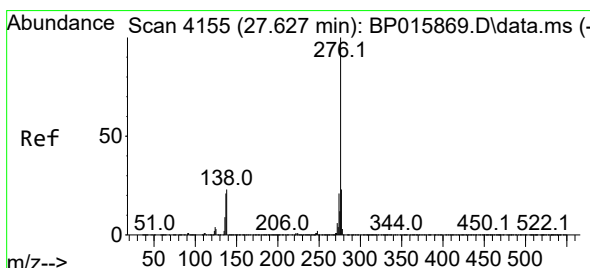
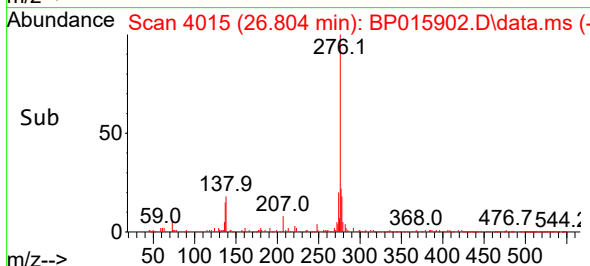
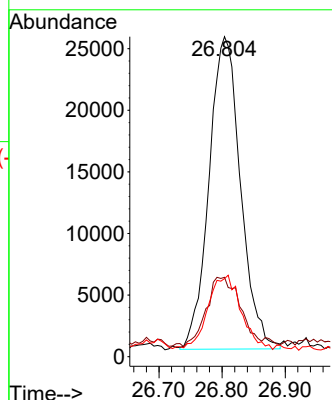
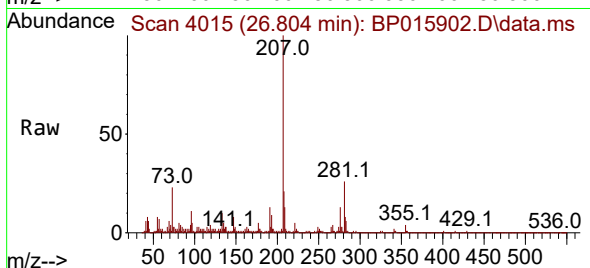
Tgt Ion:276 Resp: 87969

Ion Ratio Lower Upper

276 100

138 24.8 15.7 23.5#

277 24.4 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.116 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015902.D

Acq: 02 Jul 2023 01:35

Tgt Ion:276 Resp: 72432

Ion Ratio Lower Upper

276 100

138 26.1 15.1 22.7#

277 25.1 18.8 28.2

