

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015673.D
 Acq On : 23 Jun 2023 16:04
 Operator : MA/JU
 Sample : 03083-14DL 30X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Quant Time: Jun 23 22:35:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

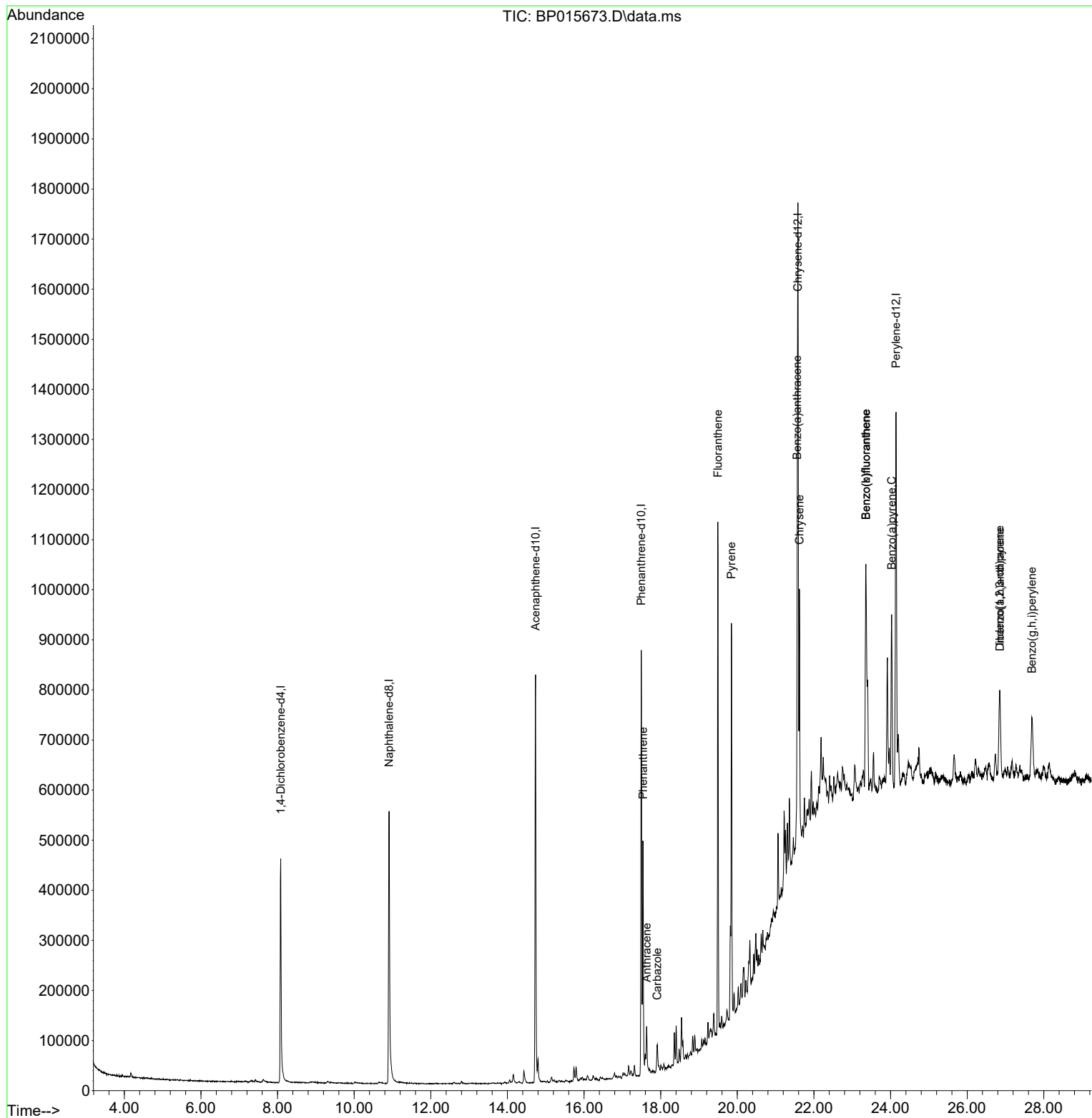
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	131949	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	522573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	291324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	515863	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	491238	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	632658	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	198	0.056	ng/uL	0.01
4) Pyridine-d5	3.852	84	404	0.044	ng/ul	0.01
7) Phenol-d5	7.240	99	8	0.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	147	0.020	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.622	132	3486	0.396	ng/ul	0.02
15) 4-Methylphenol-d8	8.810	113	3	0.000	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	32	0.008	ng/ul	0.18
24) 2-Nitrophenol-d4	9.975	143	14	0.003	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.534	165	128	0.015	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	27	0.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	15847	0.690	ng/ul	0.02
49) Acenaphthylene-d8	14.428	160	17767	0.707	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	28	0.007	ng/ul	0.00
60) Fluorene-d10	15.734	176	13170	0.680	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	20	0.006	ng/ul	0.00
73) Anthracene-d10	17.598	188	22881	0.975	ng/ul	0.00
81) Pyrene-d10	19.822	212	21690	0.825	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	25804	0.813	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.539	178	288375	10.417	ng/ul	100
74) Anthracene	17.634	178	60121	2.140	ng/ul	98
77) Carbazole	17.910	167	37663	1.489	ng/ul#	96
80) Fluoranthene	19.492	202	602686	18.819	ng/ul	99
82) Pyrene	19.845	202	491056	14.821	ng/ul	100
85) Benzo(a)anthracene	21.563	228	321992	9.376	ng/ul	99
87) Chrysene	21.622	228	300206	9.249	ng/ul	97
90) Benzo(b)fluoranthene	23.357	252	427576	10.470	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	427576	10.831	ng/ul	99
93) Benzo(a)pyrene	24.027	252	283157	7.953	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	205164	4.452	ng/ul	97
95) Dibenzo(a,h)anthracene	26.857	278	56930	1.517	ng/ul#	78
96) Benzo(g,h,i)perylene	27.692	276	176336	4.644	ng/ul	98

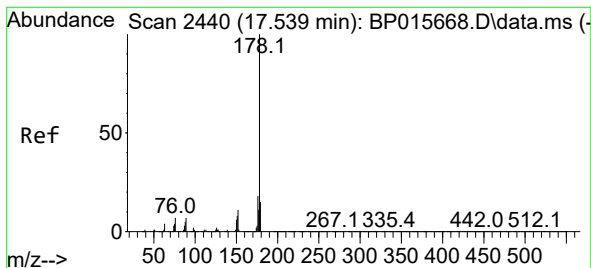
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 10.417 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

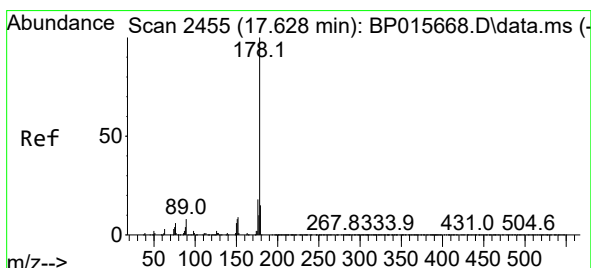
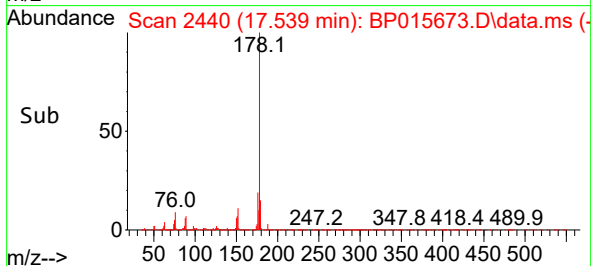
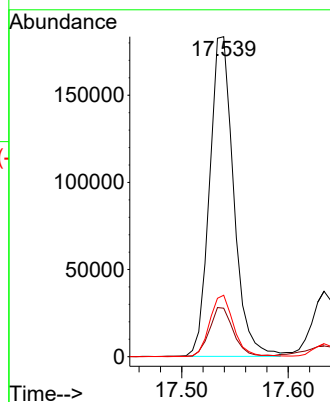
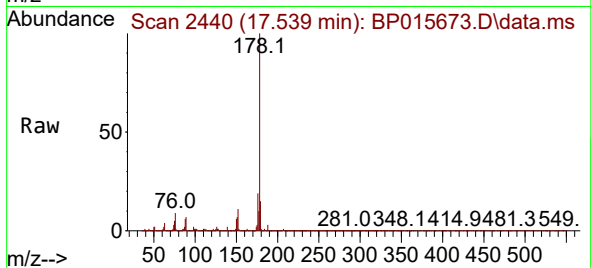
Tgt Ion:178 Resp: 288375

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.2 15.4 23.0



#74

Anthracene

Concen: 2.140 ng/ul

RT: 17.634 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

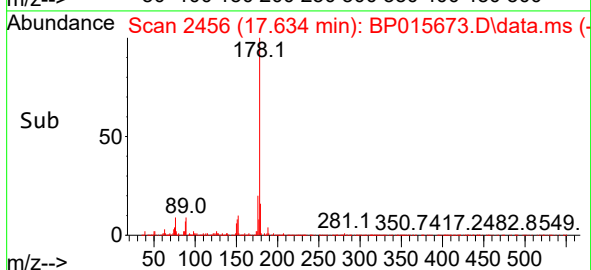
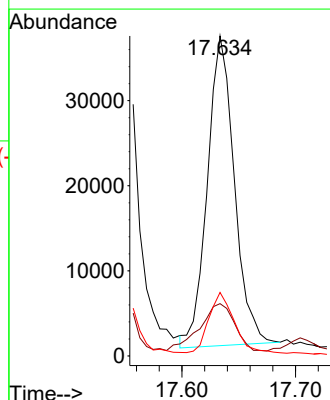
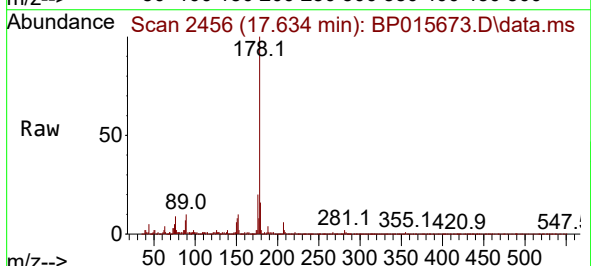
Tgt Ion:178 Resp: 60121

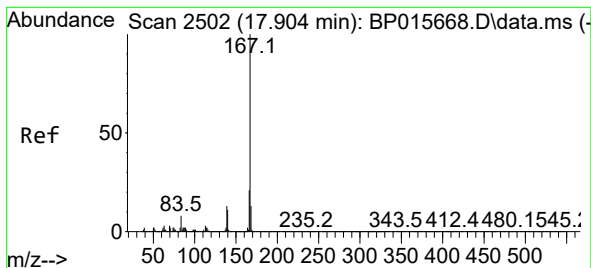
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 19.8 15.0 22.4





#77

Carbazole

Concen: 1.489 ng/ul

RT: 17.910 min Scan# 2502

Delta R.T. 0.012 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

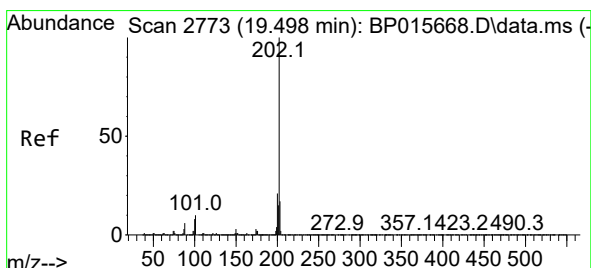
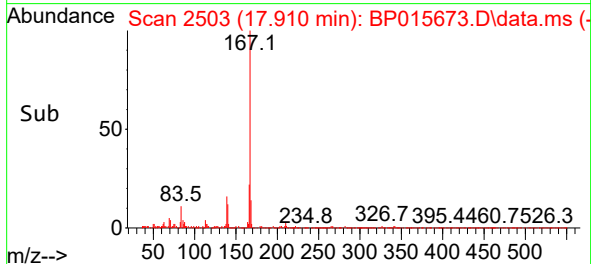
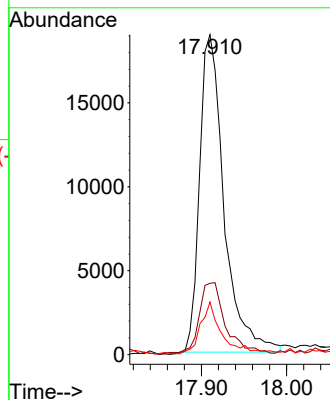
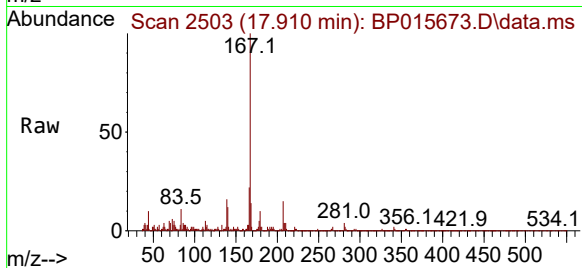
Tgt Ion:167 Resp: 37663

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 16.4 10.6 16.0#



#80

Fluoranthene

Concen: 18.819 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

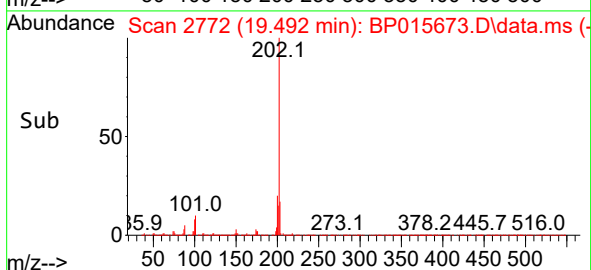
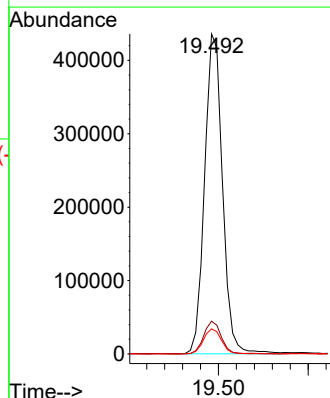
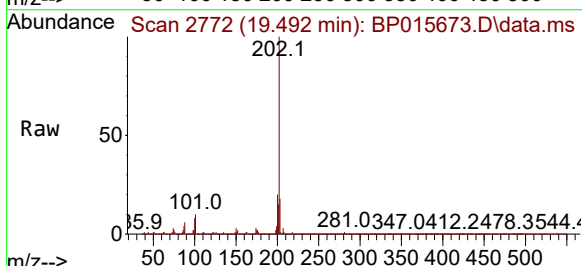
Tgt Ion:202 Resp: 602686

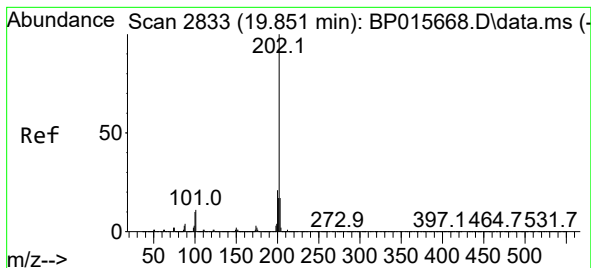
Ion Ratio Lower Upper

202 100

101 10.2 8.6 13.0

100 7.9 6.6 9.8





#82

Pyrene

Concen: 14.821 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

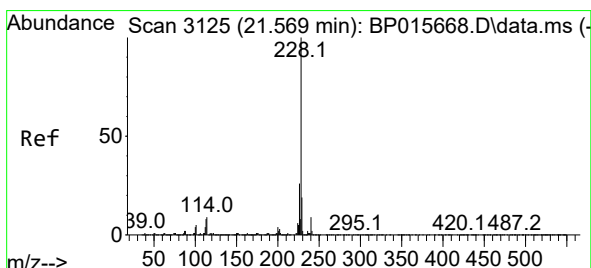
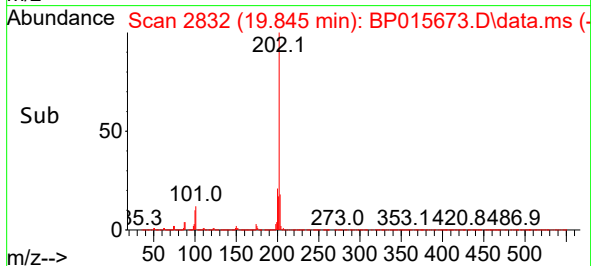
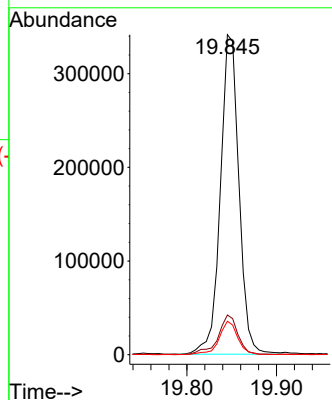
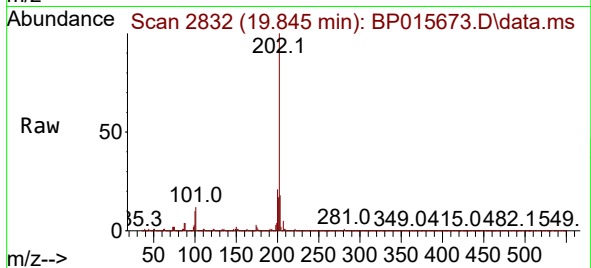
Tgt Ion:202 Resp: 491056

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

100 10.5 8.4 12.6



#85

Benzo(a)anthracene

Concen: 9.376 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

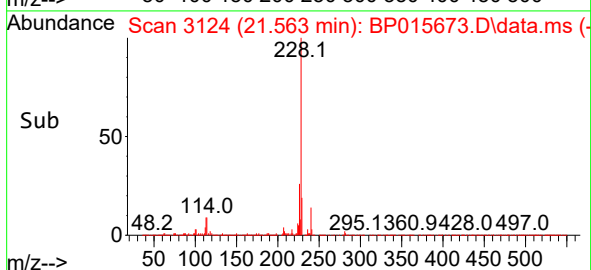
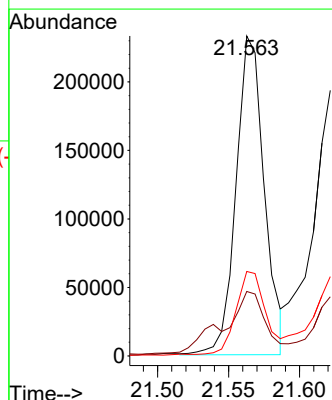
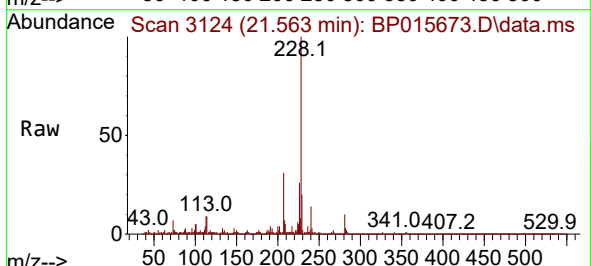
Tgt Ion:228 Resp: 321992

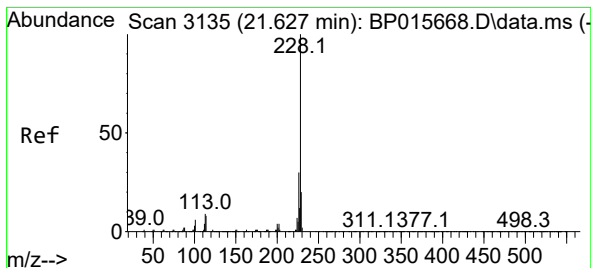
Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 26.4 21.8 32.6





#87

Chrysene

Concen: 9.249 ng/ul

RT: 21.622 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

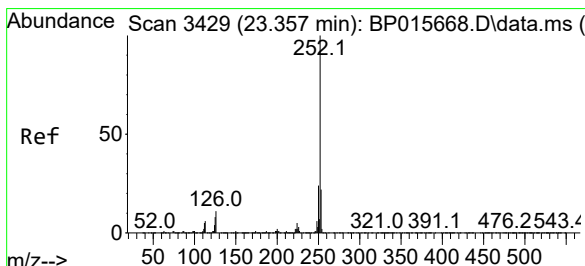
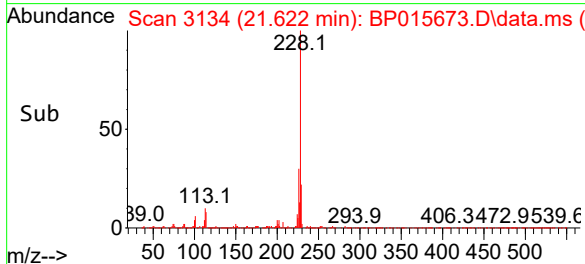
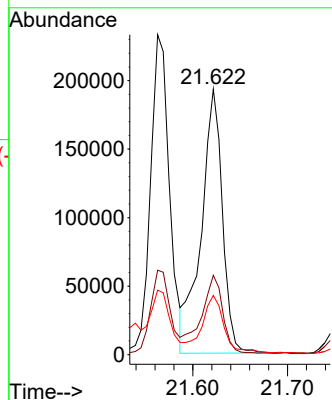
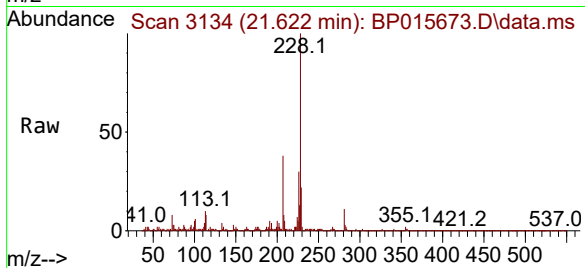
Tgt Ion:228 Resp: 300206

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 22.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 10.470 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.012 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

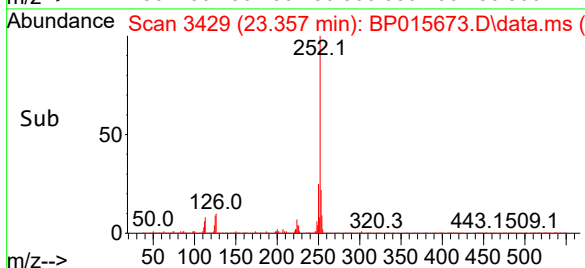
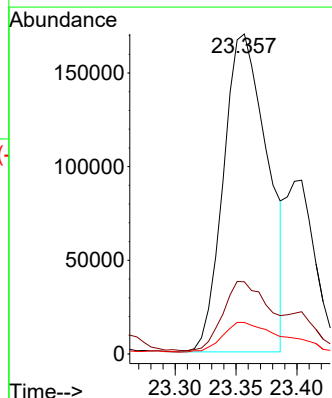
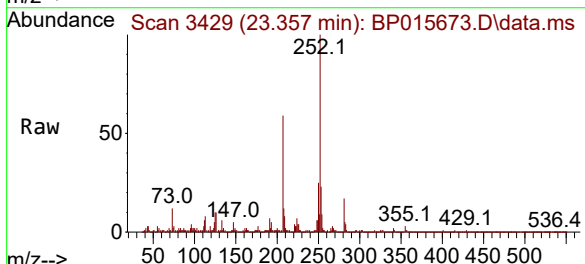
Tgt Ion:252 Resp: 427576

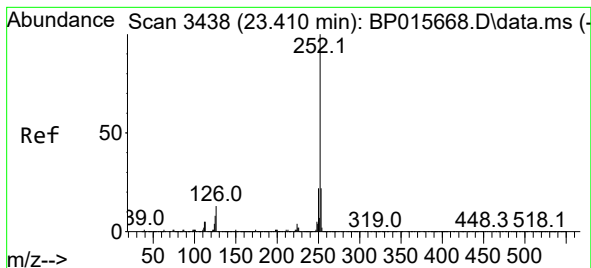
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 9.9 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 10.831 ng/ul

RT: 23.357 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

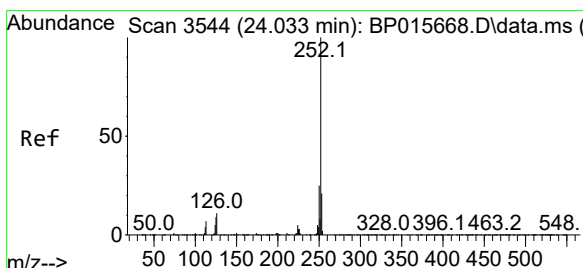
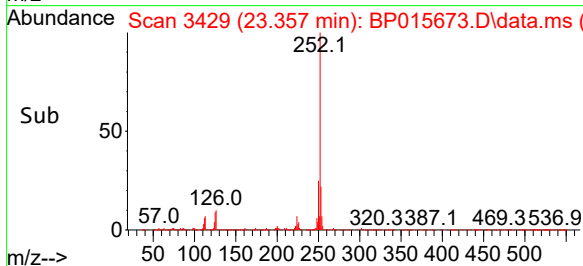
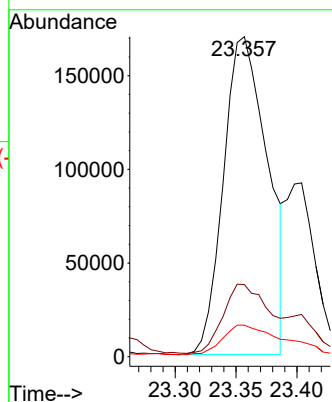
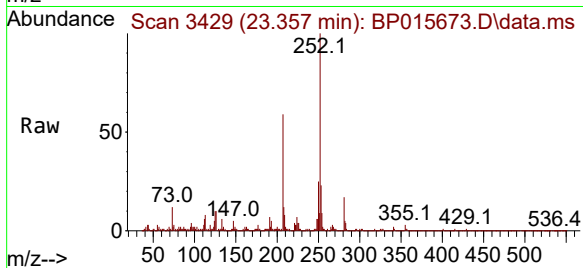
Tgt Ion:252 Resp: 427576

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.9 7.3 10.9



#93

Benzo(a)pyrene

Concen: 7.953 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

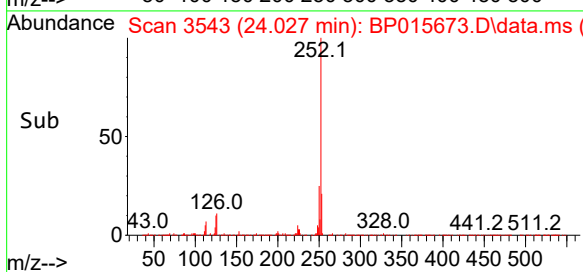
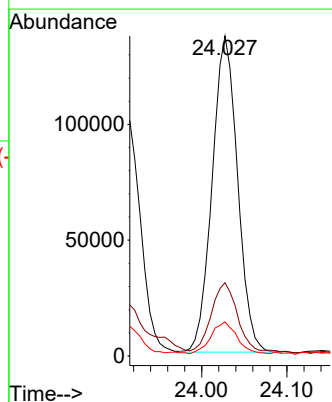
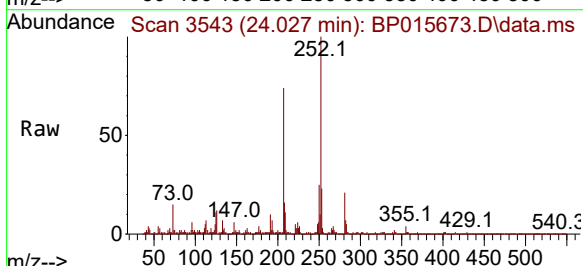
Tgt Ion:252 Resp: 283157

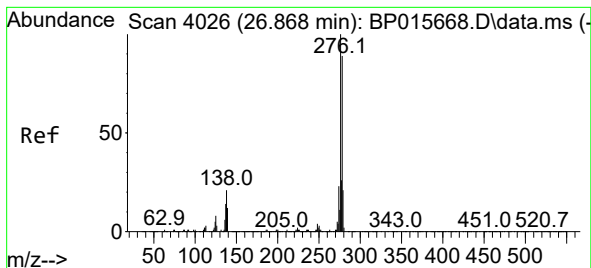
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 10.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.452 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.012 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

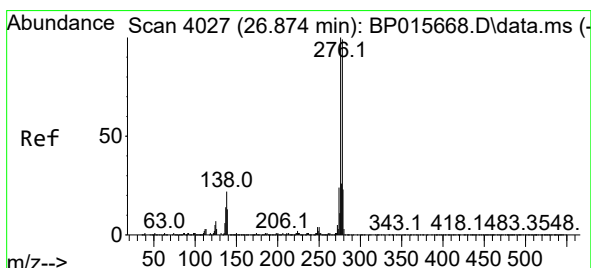
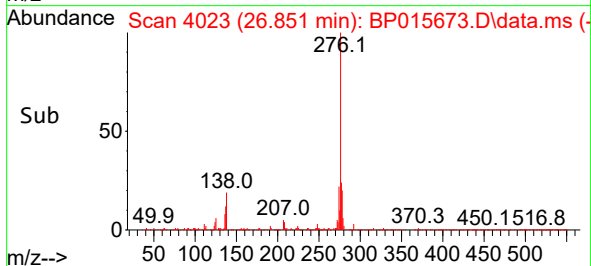
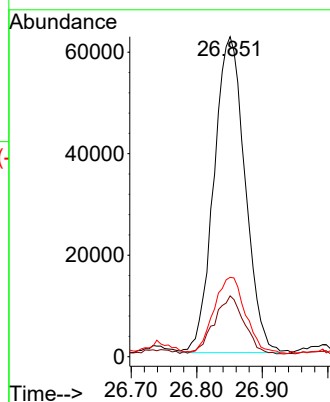
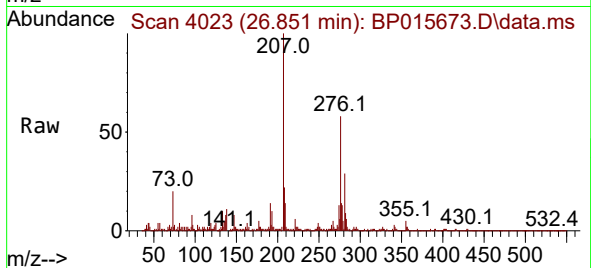
Tgt Ion:276 Resp: 205164

Ion Ratio Lower Upper

276 100

138 19.0 17.3 25.9

277 24.8 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 1.517 ng/ul

RT: 26.857 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

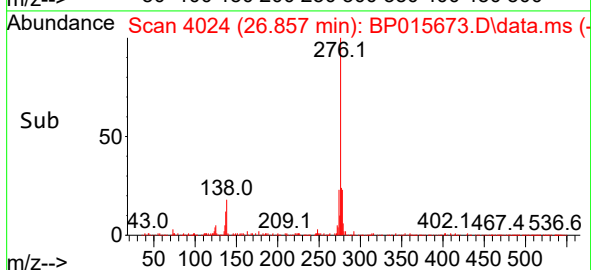
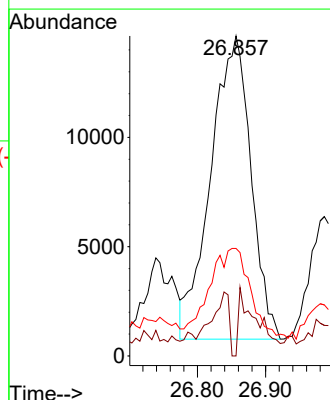
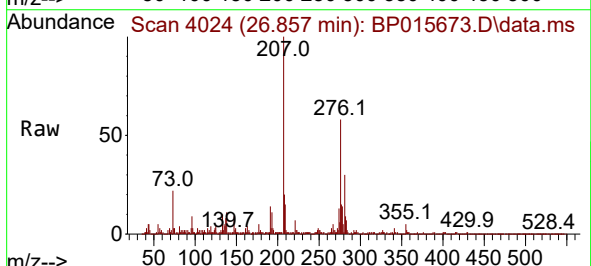
Tgt Ion:278 Resp: 56930

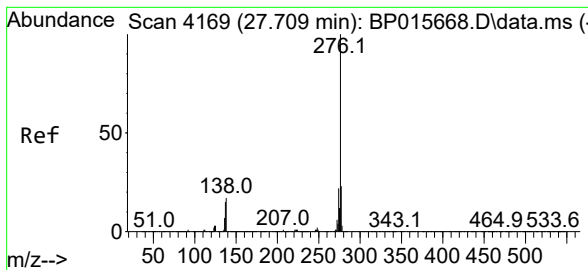
Ion Ratio Lower Upper

278 100

139 4.6 11.4 17.0#

279 33.6 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 4.644 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015673.D
 Acq: 23 Jun 2023 16:04

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Tgt Ion:	276	Resp:	176336
Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.6	23.4
277	24.6	19.0	28.6

