

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
 Data File : BP018881.D
 Acq On : 15 Dec 2023 15:15
 Operator : MA/JU
 Sample : 05626-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLM5

Quant Time: Dec 15 15:53:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

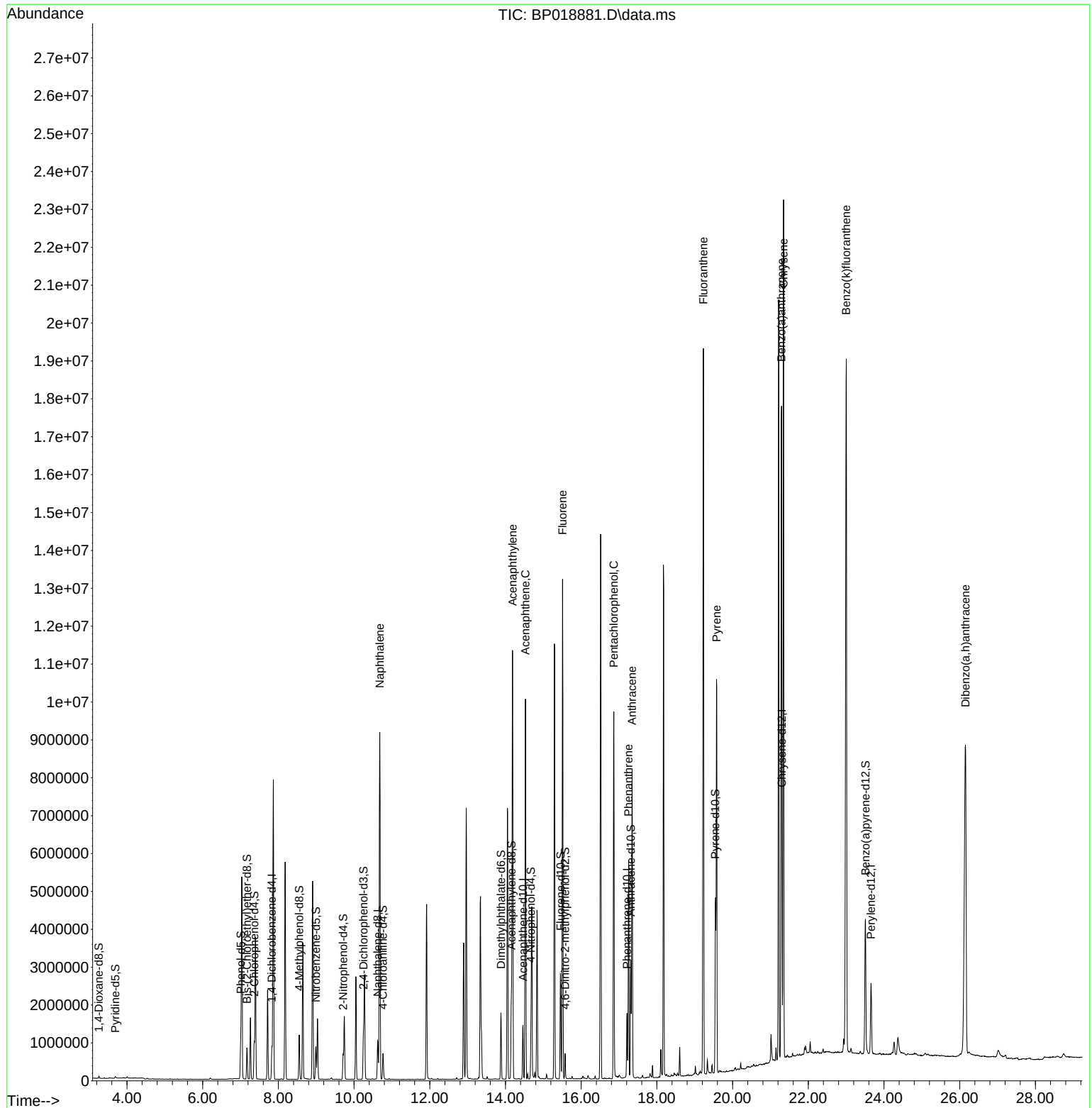
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	243151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	886390	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	487299	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1049472	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1124218	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1431782	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30676	4.299	ng/uL	0.00
4) Pyridine-d5	3.693	84	28135	1.472	ng/u1	0.02
7) Phenol-d5	7.005	99	579381	23.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	348097	24.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	460528	24.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	435548	22.056	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	210450	26.676	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	213766	26.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	473296	28.299	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	369372	16.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1241070	28.536	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1414270	29.531	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	205236	28.748	ng/u1	0.00
60) Fluorene-d10	15.457	176	1115200	30.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	144830	23.016	ng/u1	0.00
73) Anthracene-d10	17.310	188	1786677	32.383	ng/u1	0.00
81) Pyrene-d10	19.545	212	2330121	26.627	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	2736745	32.782	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.681	128	7970164	148.222	ng/u1	99
50) Acenaphthylene	14.187	152	8412165	156.232	ng/u1	99
52) Acenaphthene	14.528	153	4155258	116.717	ng/u1	99
61) Fluorene	15.510	166	1804163	46.081	ng/u1	100
71) Pentachlorophenol	16.863	266	1857862	211.177	ng/u1	99
72) Phenanthrene	17.251	178	3649211	57.574	ng/u1	100
74) Anthracene	17.345	178	5036876	79.279	ng/u1	100
80) Fluoranthene	19.227	202	12328466	119.182	ng/u1	95
82) Pyrene	19.580	202	6561953	62.881	ng/u1	94
85) Benzo(a)anthracene	21.292	228	10153407	111.269	ng/u1	97
87) Chrysene	21.345	228	11934378	142.022	ng/u1	92
91) Benzo(k)fluoranthene	23.004	252	15263879	149.438	ng/u1#	97
95) Dibenzo(a,h)anthracene	26.157	278	11036708	115.119	ng/u1#	96

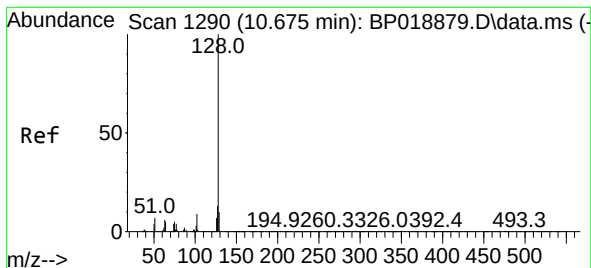
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
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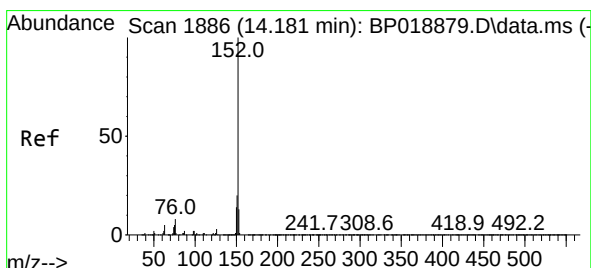
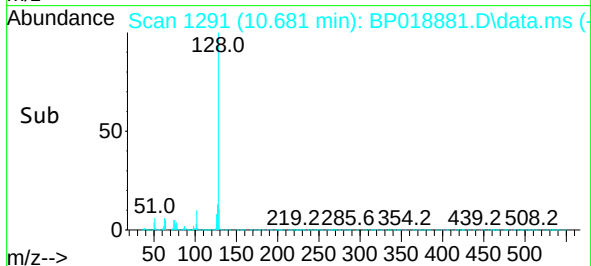
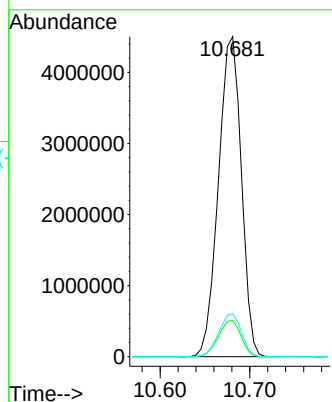
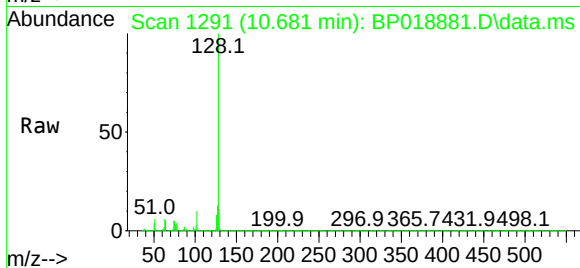




#30
Naphthalene
Concen: 148.222 ng/ul
RT: 10.681 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP018881.D
Acq: 15 Dec 2023 15:15

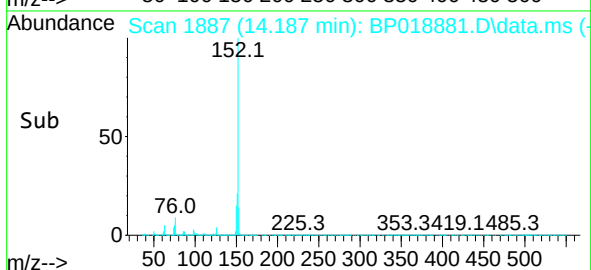
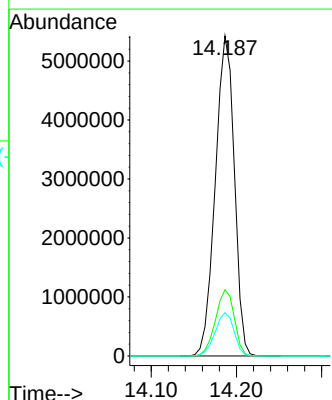
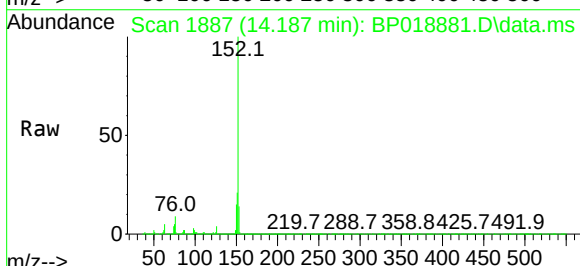
Instrument :
BNA_P
ClientSampleId :
DCLM5

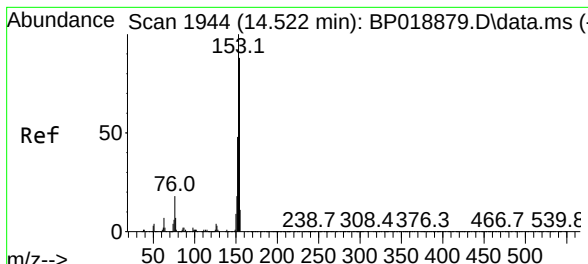
Tgt Ion:128 Resp: 7970164
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.5 15.7



#50
Acenaphthylene
Concen: 156.232 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP018881.D
Acq: 15 Dec 2023 15:15

Tgt Ion:152 Resp: 8412165
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.5 10.6 16.0



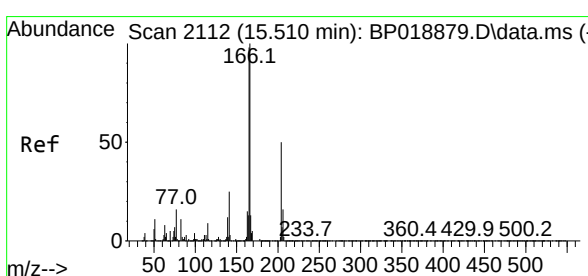
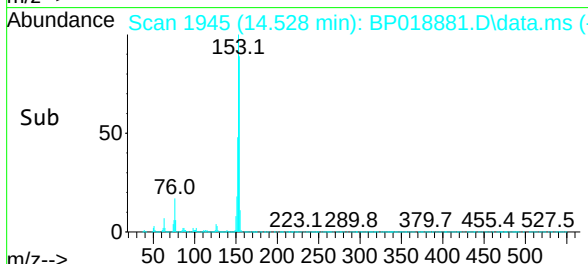
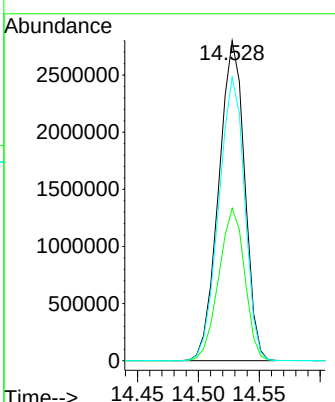
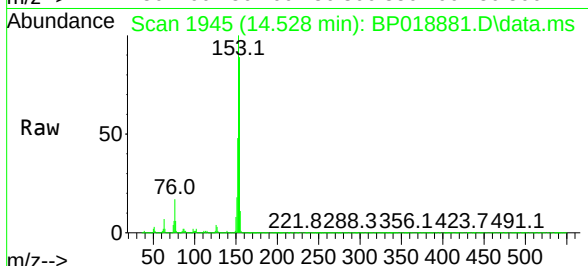


#52
 Acenaphthene
 Concen: 116.717 ng/ul
 RT: 14.528 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: BP018881.D
 Acq: 15 Dec 2023 15:15

Instrument :
 BNA_P
 ClientSampleId :
 DCLM5

Tgt Ion:153 Resp: 4155258

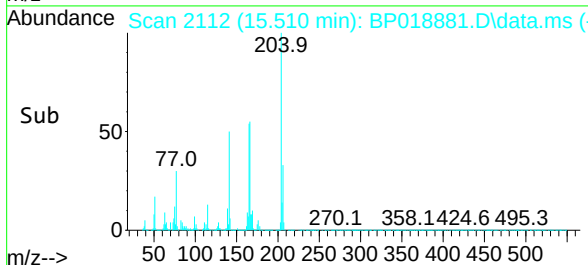
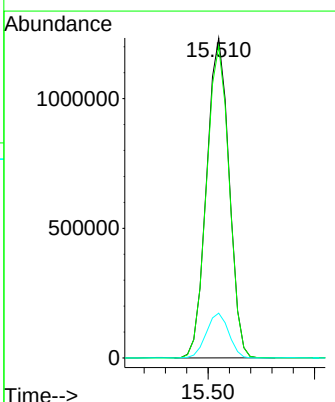
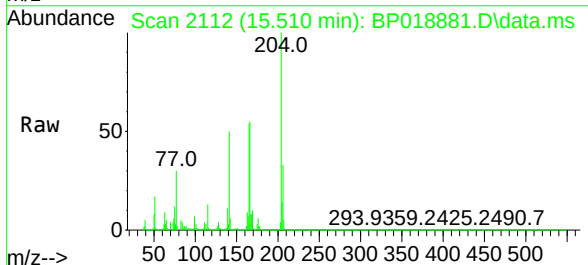
Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.1	57.1
154	88.6	71.7	107.5

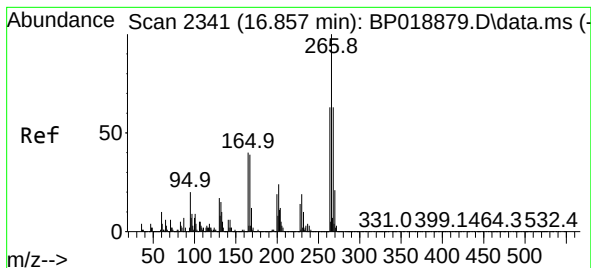


#61
 Fluorene
 Concen: 46.081 ng/ul
 RT: 15.510 min Scan# 2112
 Delta R.T. -0.006 min
 Lab File: BP018881.D
 Acq: 15 Dec 2023 15:15

Tgt Ion:166 Resp: 1804163

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.0	117.0
167	14.0	10.8	16.2





#71

Pentachlorophenol

Concen: 211.177 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

Instrument :

BNA_P

ClientSampleId :

DCLM5

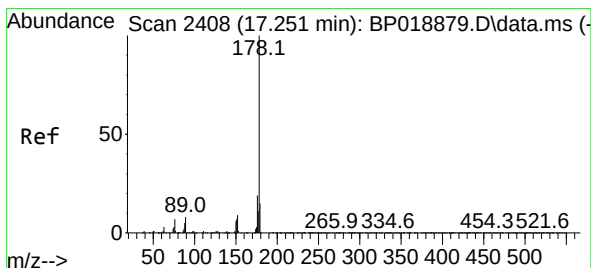
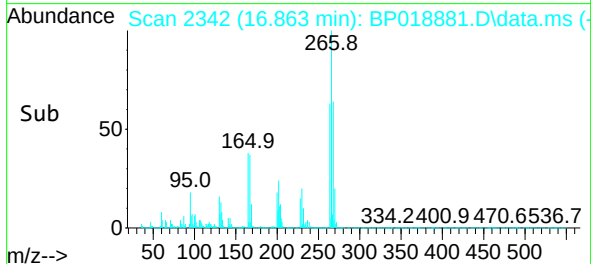
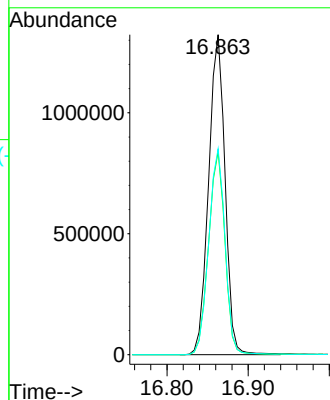
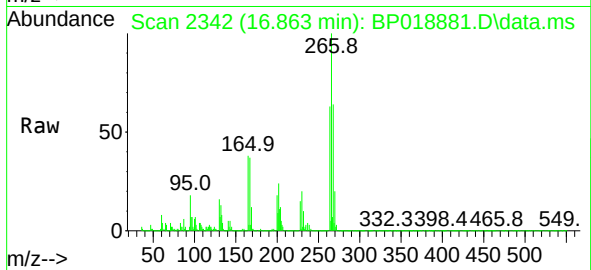
Tgt Ion:266 Resp: 1857862

Ion Ratio Lower Upper

266 100

264 63.4 50.2 75.2

268 64.3 50.5 75.7



#72

Phenanthrene

Concen: 57.574 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

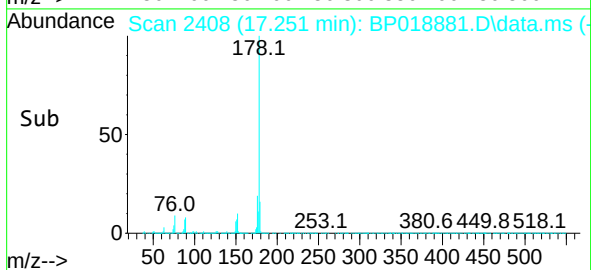
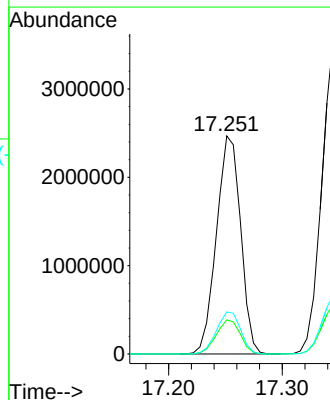
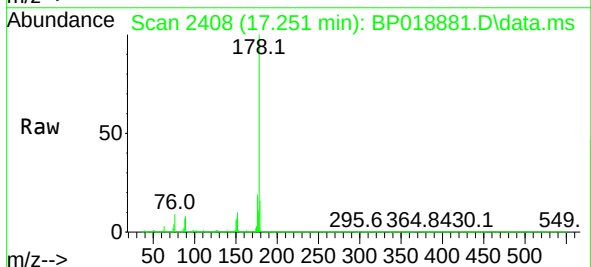
Tgt Ion:178 Resp: 3649211

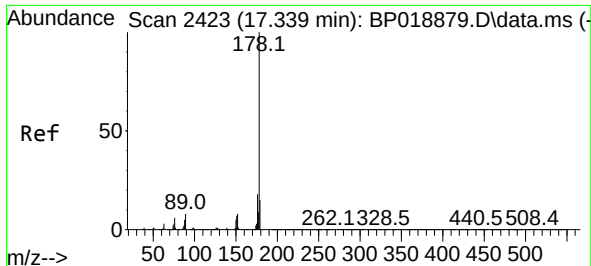
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.3 15.4 23.2

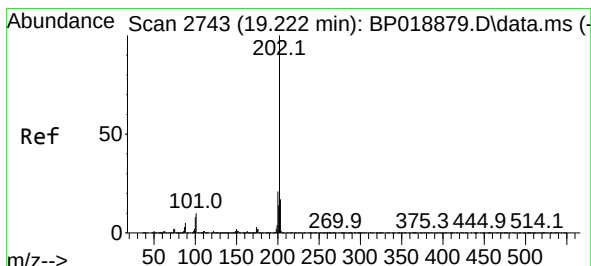
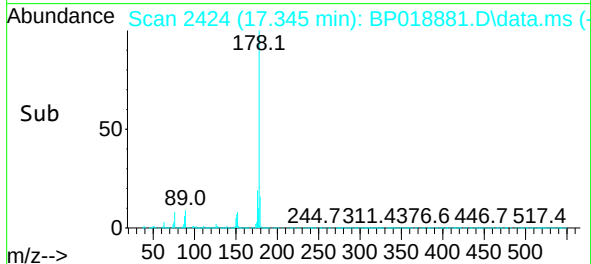
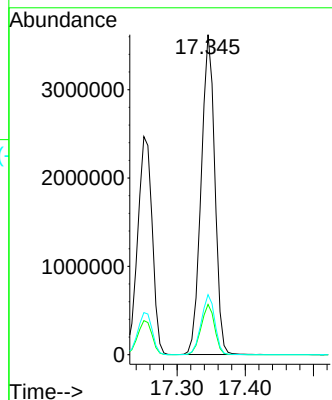
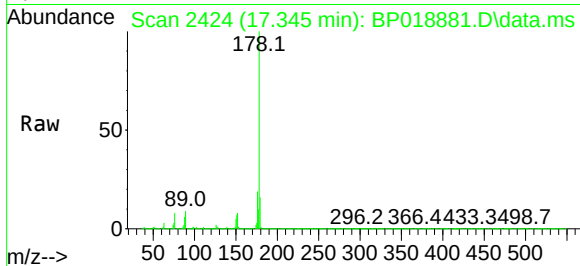




#74
 Anthracene
 Concen: 79.279 ng/u1
 RT: 17.345 min Scan# 2423
 Delta R.T. 0.000 min
 Lab File: BP018881.D
 Acq: 15 Dec 2023 15:15

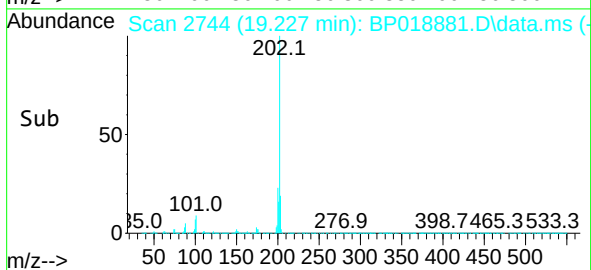
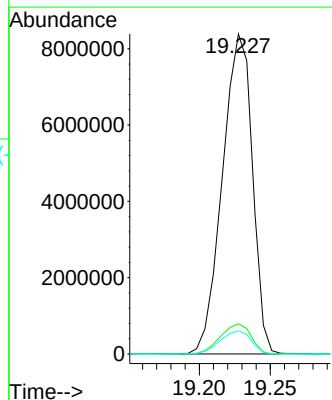
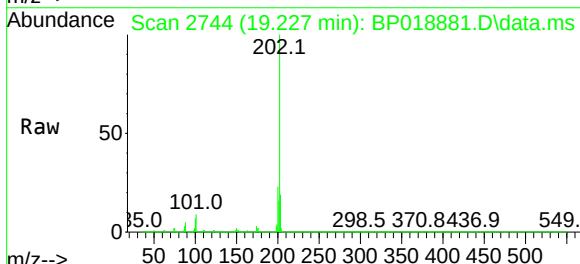
Instrument :
 BNA_P
 ClientSampleId :
 DCLM5

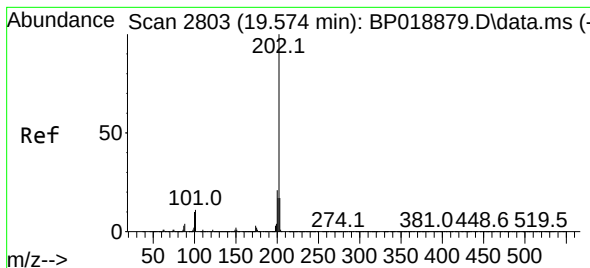
Tgt Ion:178 Resp: 5036876
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 18.8 15.0 22.6



#80
 Fluoranthene
 Concen: 119.182 ng/u1
 RT: 19.227 min Scan# 2744
 Delta R.T. 0.000 min
 Lab File: BP018881.D
 Acq: 15 Dec 2023 15:15

Tgt Ion:202 Resp:12328466
 Ion Ratio Lower Upper
 202 100
 101 9.5 9.1 13.7
 100 7.2 7.1 10.7





#82

Pyrene

Concen: 62.881 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

Instrument :

BNA_P

ClientSampleId :

DCLM5

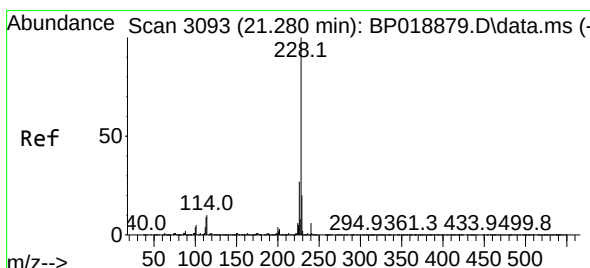
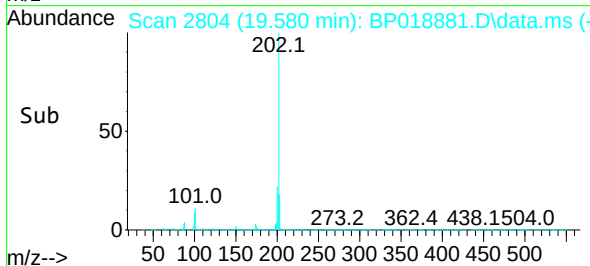
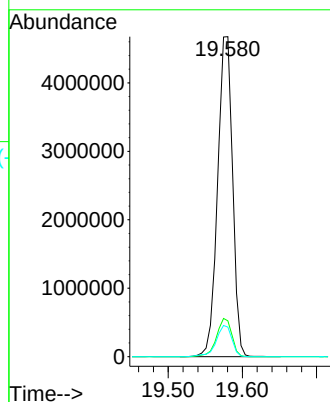
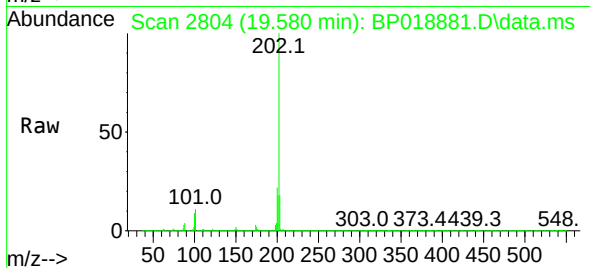
Tgt Ion:202 Resp: 6561953

Ion Ratio Lower Upper

202 100

101 11.2 11.0 16.4

100 9.3 9.1 13.7



#85

Benzo(a)anthracene

Concen: 111.269 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

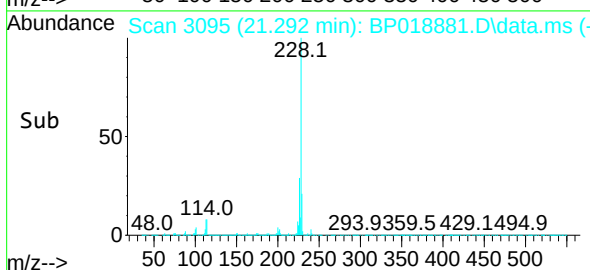
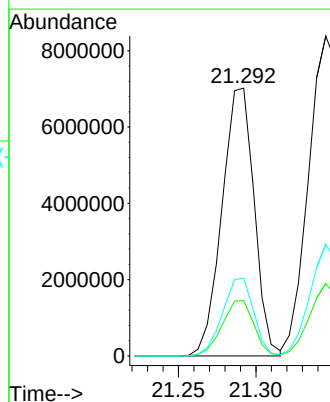
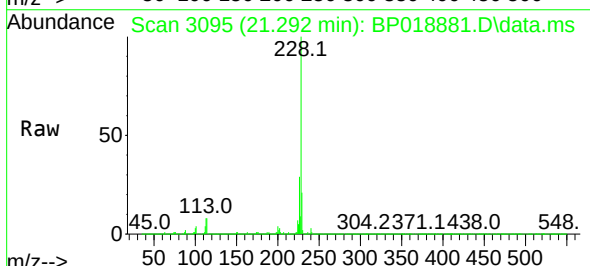
Tgt Ion:228 Resp:10153407

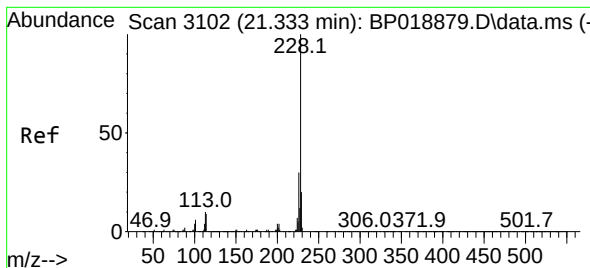
Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 29.1 21.9 32.9





#87

Chrysene

Concen: 142.022 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

Instrument :

BNA_P

ClientSampleId :

DCLM5

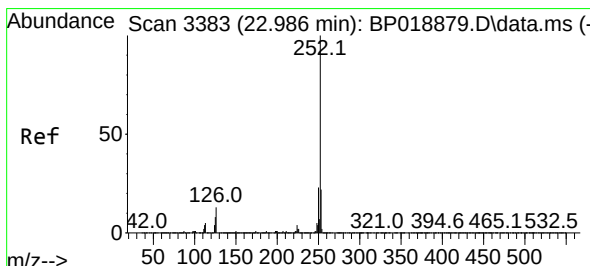
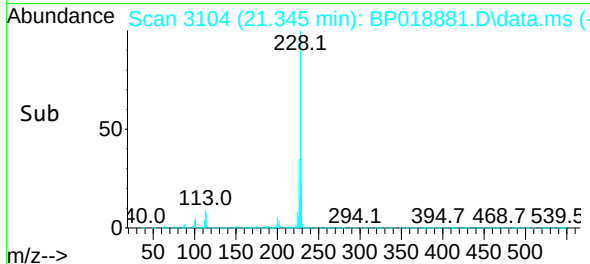
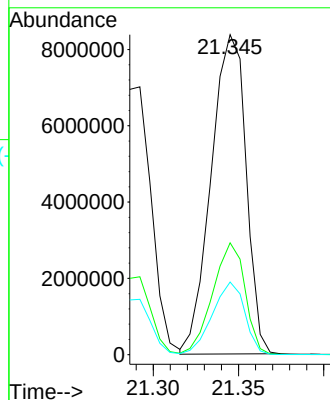
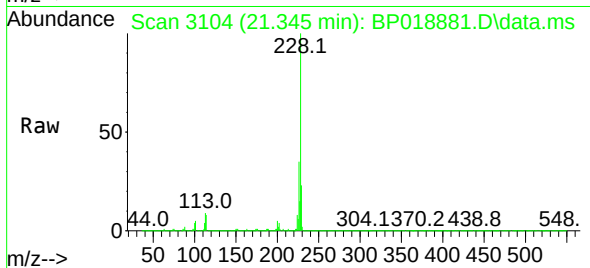
Tgt Ion:228 Resp:11934378

Ion Ratio Lower Upper

228 100

226 35.0 23.9 35.9

229 22.7 15.6 23.4



#91

Benzo(k)fluoranthene

Concen: 149.438 ng/ul

RT: 23.004 min Scan# 3386

Delta R.T. 0.012 min

Lab File: BP018881.D

Acq: 15 Dec 2023 15:15

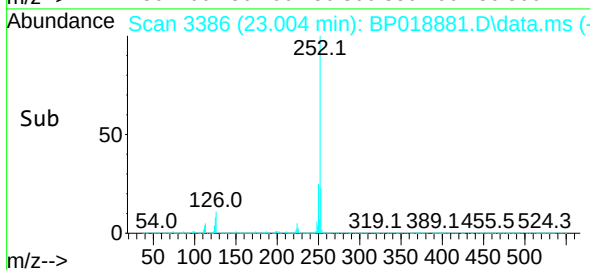
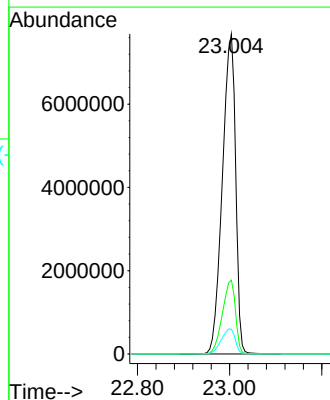
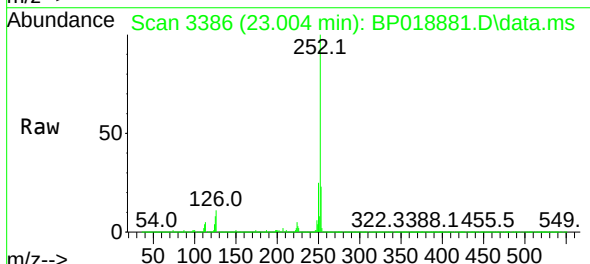
Tgt Ion:252 Resp:15263879

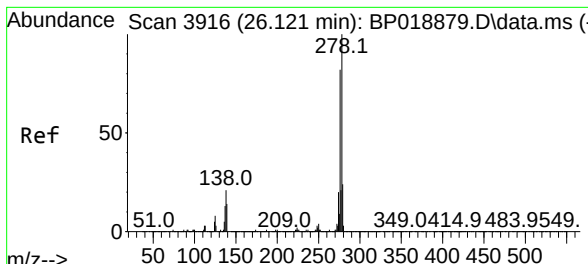
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 7.8 8.0 12.0#





#95
 Dibenzo(a,h)anthracene
 Concen: 115.119 ng/ul
 RT: 26.157 min Scan# 3916
 Delta R.T. 0.018 min
 Lab File: BP018881.D
 Acq: 15 Dec 2023 15:15

Instrument :
 BNA_P
 ClientSampleId :
 DCLM5

Tgt Ion:278 Resp:11036708
 Ion Ratio Lower Upper
 278 100
 139 12.8 13.0 19.6#
 279 24.1 18.7 28.1

