

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018731.D
 Acq On : 11 Dec 2023 17:35
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Quant Time: Dec 11 18:04:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

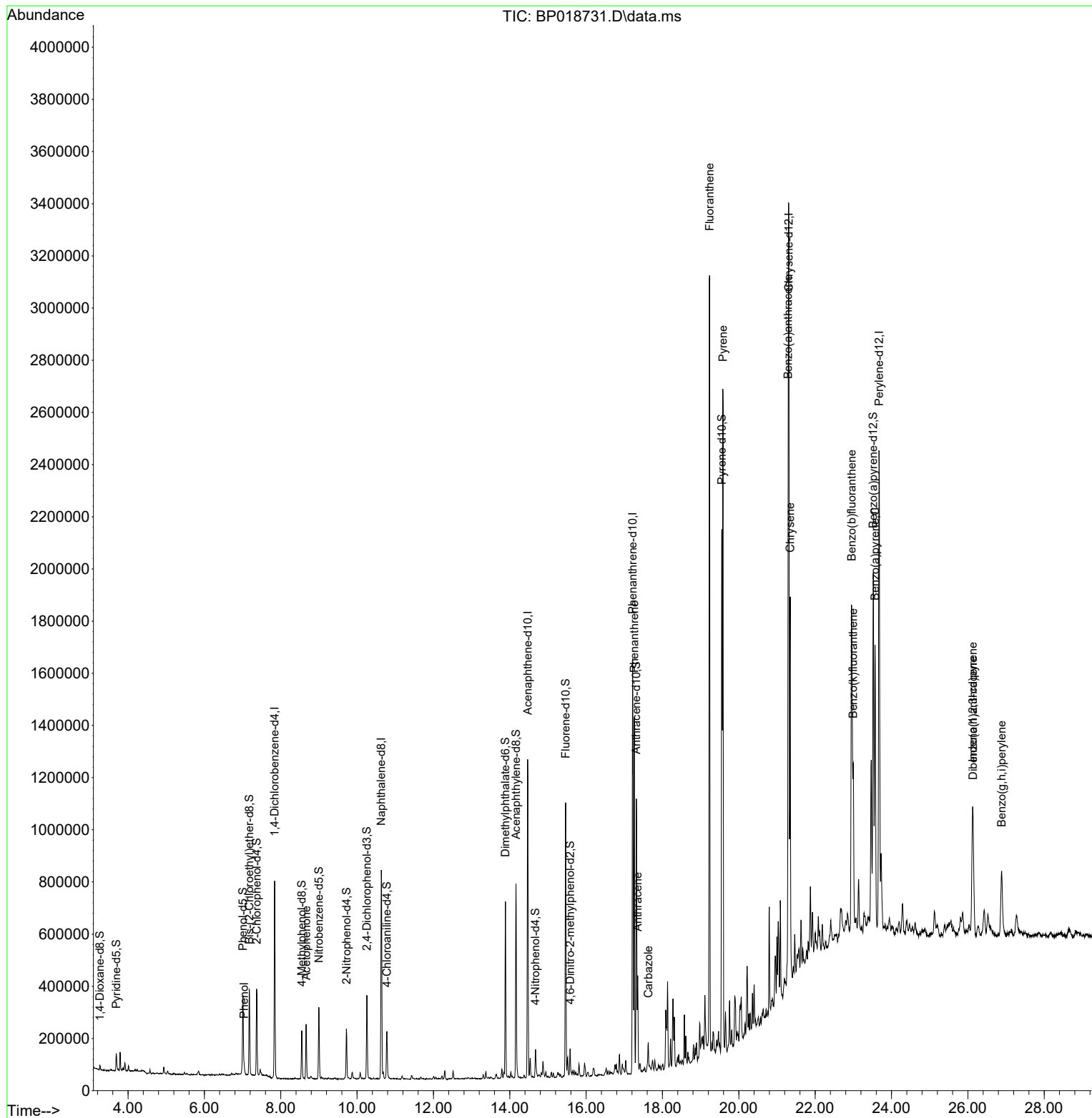
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	199743	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.634	136	658376	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.469	164	412827	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.216	188	971961	20.000	ng/ul	-0.01
79) Chrysene-d12	21.310	240	1109738	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1421188	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9128	1.557	ng/uL	0.00
4) Pyridine-d5	3.693	84	34026	2.167	ng/ul	0.00
7) Phenol-d5	7.011	99	177187	8.839	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.175	67	139947	11.780	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.369	132	153438	9.810	ng/ul	-0.02
15) 4-Methylphenol-d8	8.552	113	70029	4.317	ng/ul	-0.02
21) Nitrobenzene-d5	8.999	128	63170	10.780	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.722	143	64154	10.560	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.257	165	118673	9.553	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.781	131	103276	6.361	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	446111	12.108	ng/ul	-0.02
49) Acenaphthylene-d8	14.163	160	480723	11.849	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.675	143	27001	4.464	ng/ul	-0.01
60) Fluorene-d10	15.463	176	399414	12.914	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	24092	4.134	ng/ul	-0.01
73) Anthracene-d10	17.316	188	605990	11.859	ng/ul	-0.01
81) Pyrene-d10	19.557	212	861140	9.969	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1029033	12.418	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.040	94	24005	1.221	ng/ul	99
16) Acetophenone	8.669	105	116163	4.805	ng/ul	100
72) Phenanthrene	17.263	178	864826	14.732	ng/ul	99
74) Anthracene	17.351	178	217523	3.697	ng/ul	99
77) Carbazole	17.628	167	65782	1.403	ng/ul	99
80) Fluoranthene	19.233	202	1787854	17.509	ng/ul	96
82) Pyrene	19.586	202	1574600	15.286	ng/ul	94
85) Benzo(a)anthracene	21.292	228	915737	10.166	ng/ul	99
87) Chrysene	21.345	228	788040	9.500	ng/ul	98
90) Benzo(b)fluoranthene	22.957	252	1093780	10.438	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	361728	3.568	ng/ul	98
93) Benzo(a)pyrene	23.569	252	752663	7.861	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	483495	4.226	ng/ul	95
95) Dibenzo(a,h)anthracene	26.139	278	122857	1.291	ng/ul#	79
96) Benzo(g,h,i)perylene	26.886	276	313813	3.409	ng/ul	97

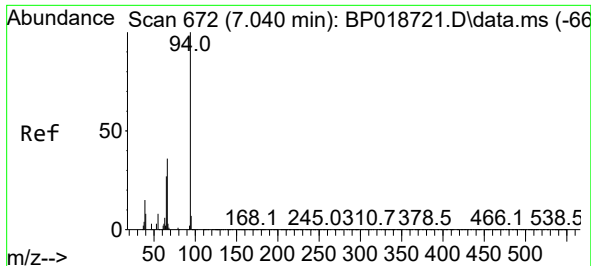
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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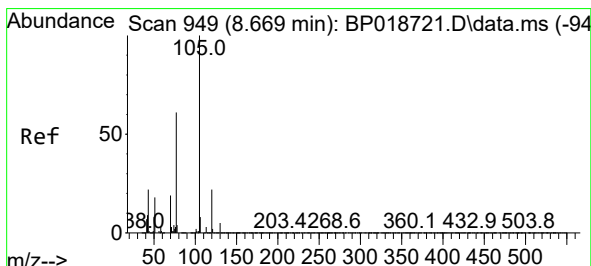
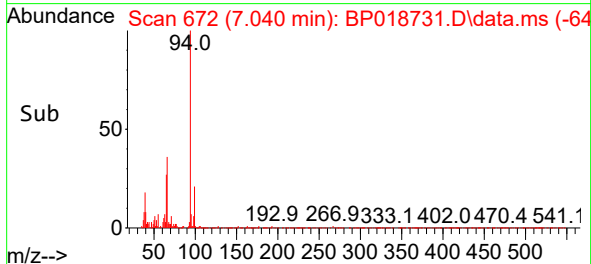
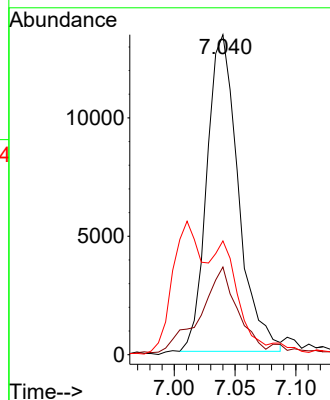
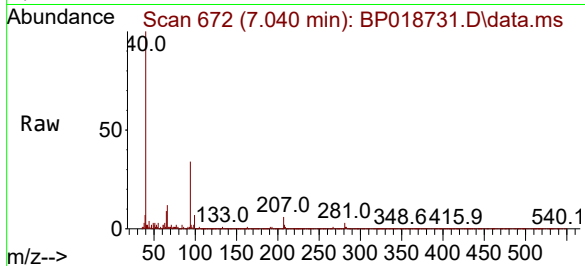




#8
Phenol
Concen: 1.221 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018731.D
Acq: 11 Dec 2023 17:35

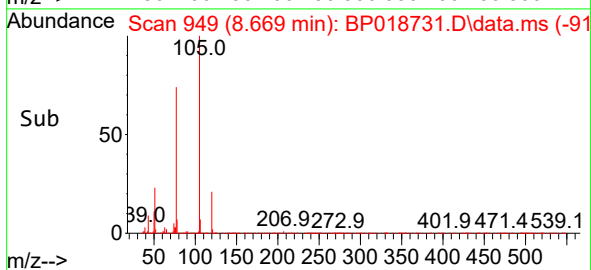
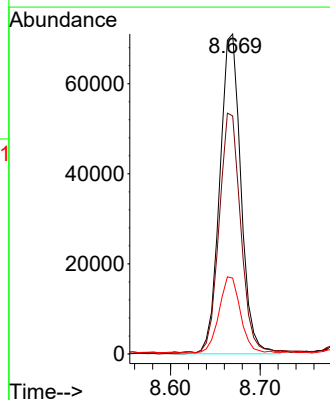
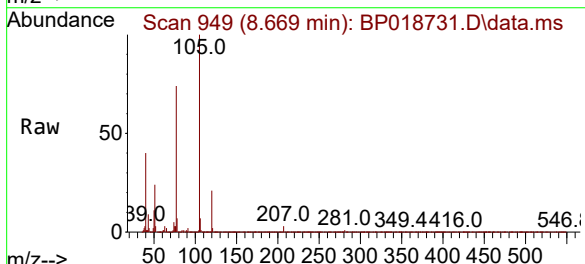
Instrument :
BNA_P
ClientSampleId :
C0AA5

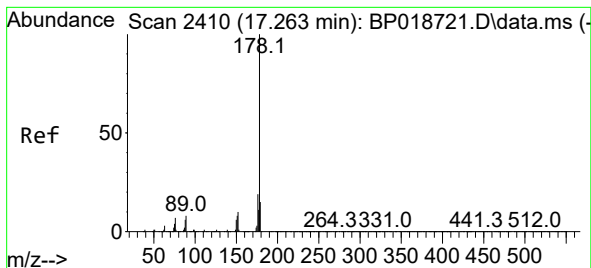
Tgt Ion: 94	Resp: 24005
Ion Ratio	Lower Upper
94 100	
65 27.4	21.0 31.6
66 35.5	28.6 43.0



#16
Acetophenone
Concen: 4.805 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018731.D
Acq: 11 Dec 2023 17:35

Tgt Ion: 105	Resp: 116163
Ion Ratio	Lower Upper
105 100	
77 74.4	59.4 89.0
51 23.7	19.4 29.0





#72

Phenanthrene

Concen: 14.732 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. -0.012 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

Instrument :

BNA_P

ClientSampleId :

C0AA5

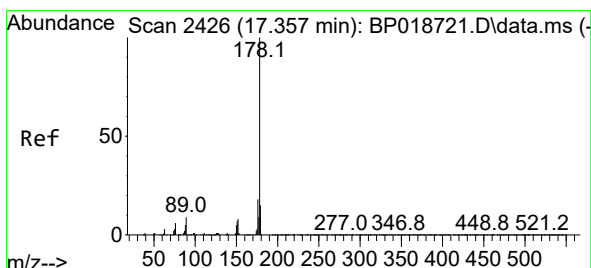
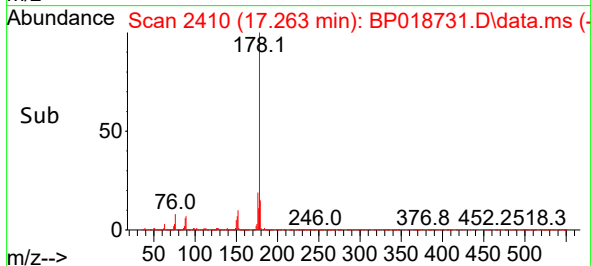
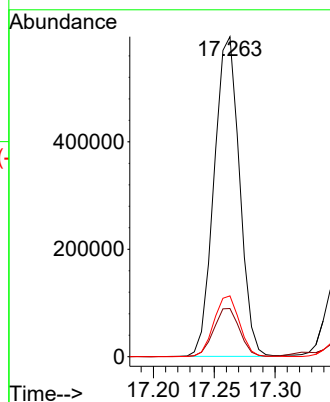
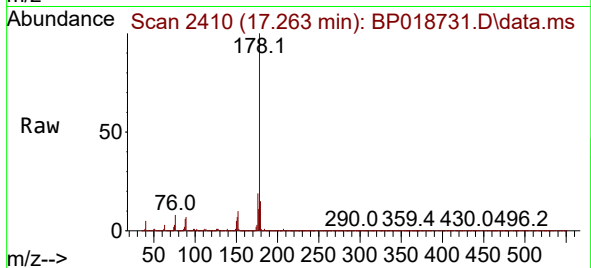
Tgt Ion:178 Resp: 864826

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.0 15.4 23.2



#74

Anthracene

Concen: 3.697 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

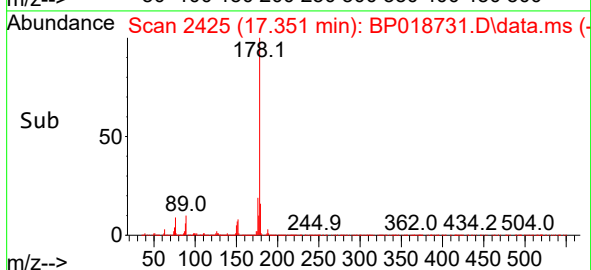
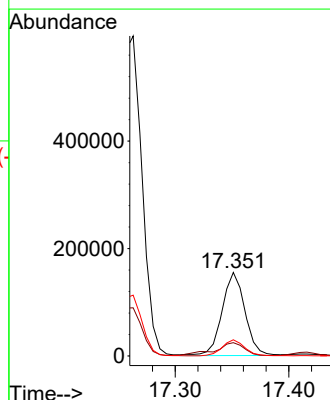
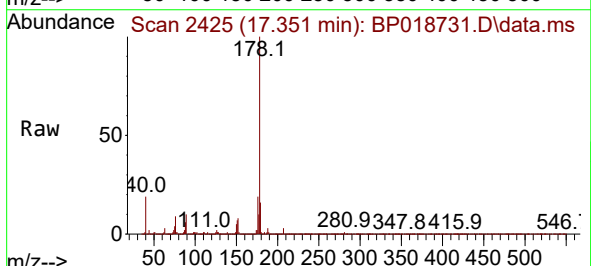
Tgt Ion:178 Resp: 217523

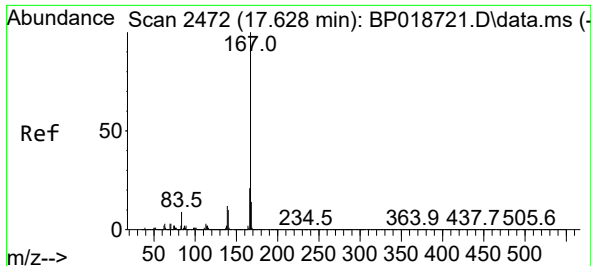
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 19.3 15.0 22.6



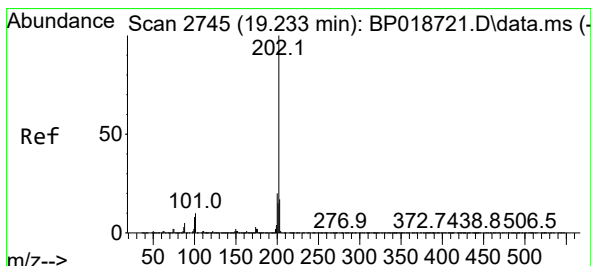
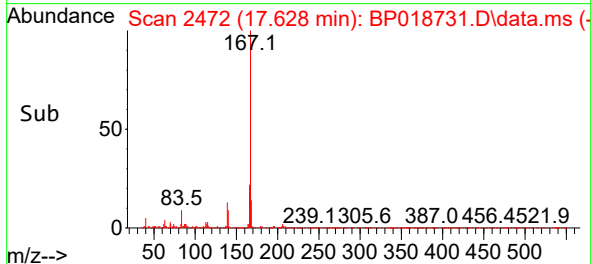
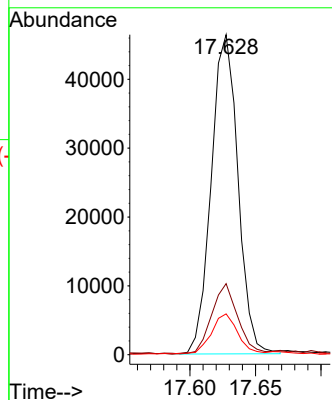
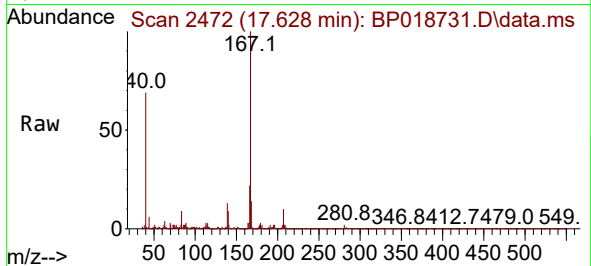


#77
 Carbazole
 Concen: 1.403 ng/ul
 RT: 17.628 min Scan# 2472
 Delta R.T. -0.012 min
 Lab File: BP018731.D
 Acq: 11 Dec 2023 17:35

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Tgt Ion:167 Resp: 65782

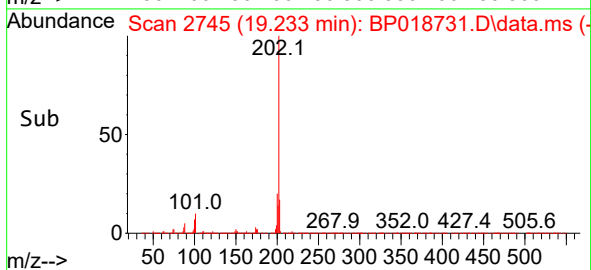
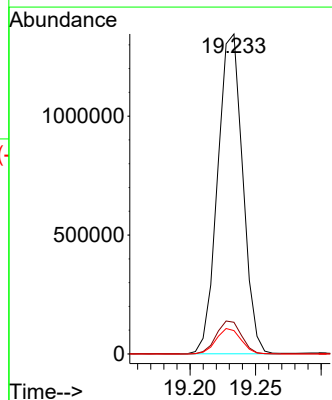
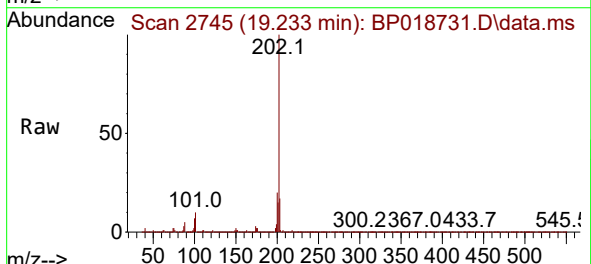
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.8	10.2	15.4

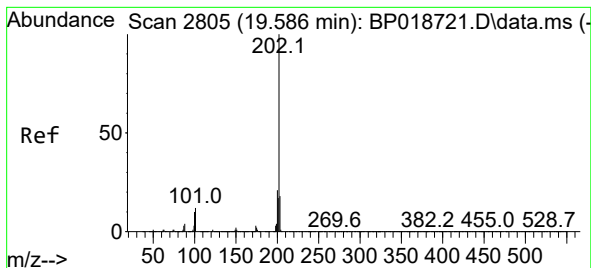


#80
 Fluoranthene
 Concen: 17.509 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. -0.006 min
 Lab File: BP018731.D
 Acq: 11 Dec 2023 17:35

Tgt Ion:202 Resp: 1787854

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.1	13.7
100	7.3	7.1	10.7





#82

Pyrene

Concen: 15.286 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

Instrument :

BNA_P

ClientSampleId :

C0AA5

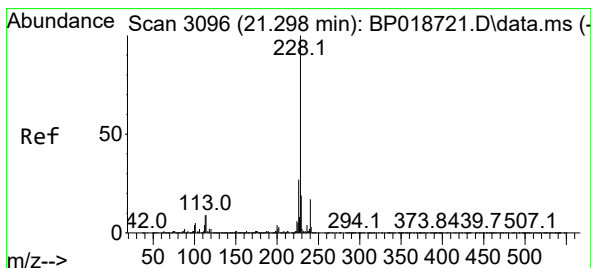
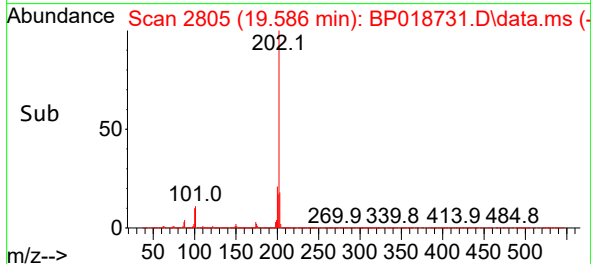
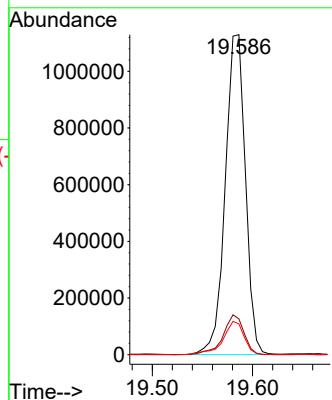
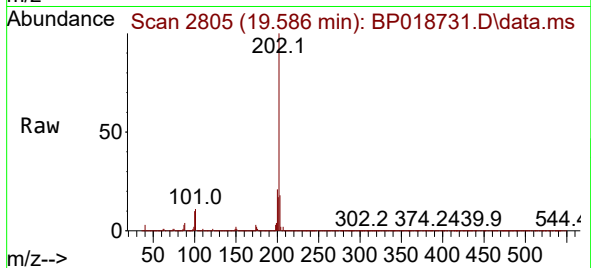
Tgt Ion:202 Resp: 1574600

Ion Ratio Lower Upper

202 100

101 11.2 11.0 16.4

100 9.6 9.1 13.7



#85

Benzo(a)anthracene

Concen: 10.166 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

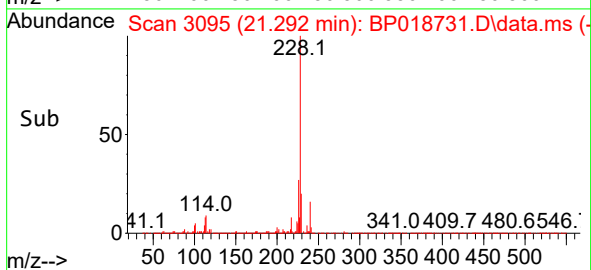
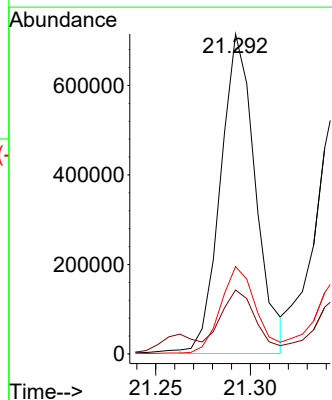
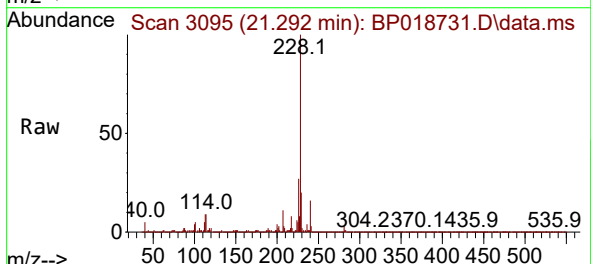
Tgt Ion:228 Resp: 915737

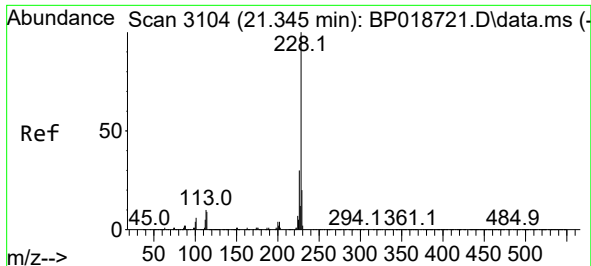
Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 27.3 21.9 32.9





#87

Chrysene

Concen: 9.500 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

Instrument :

BNA_P

ClientSampleId :

C0AA5

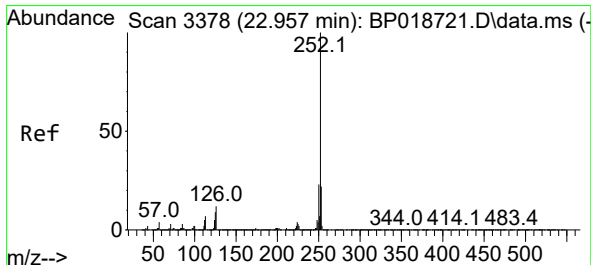
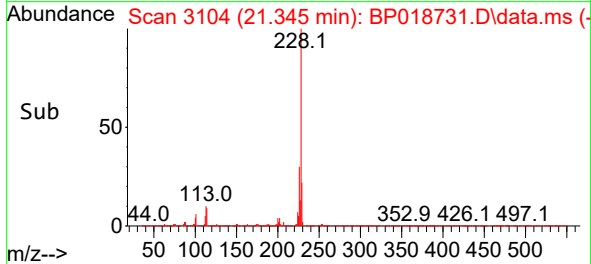
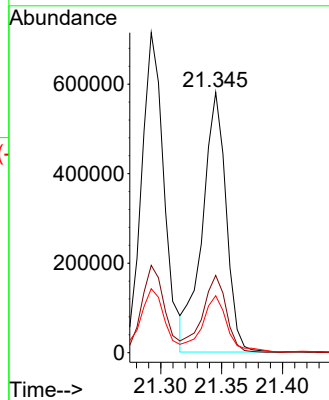
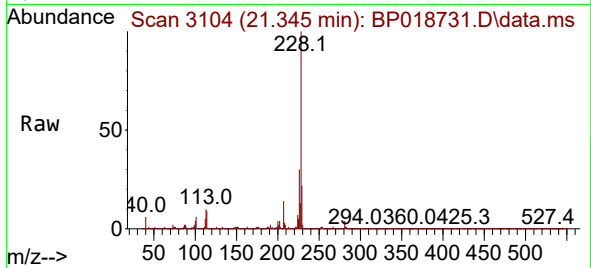
Tgt Ion:228 Resp: 788040

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 21.9 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 10.438 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

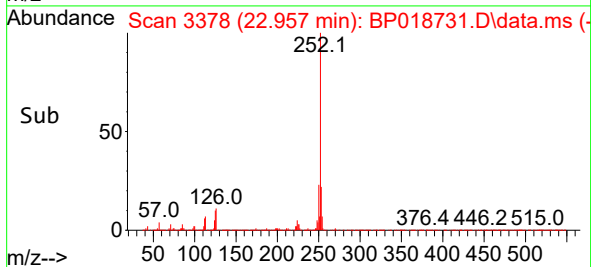
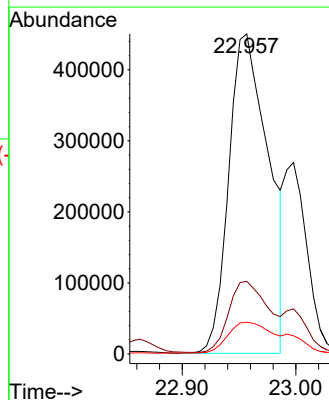
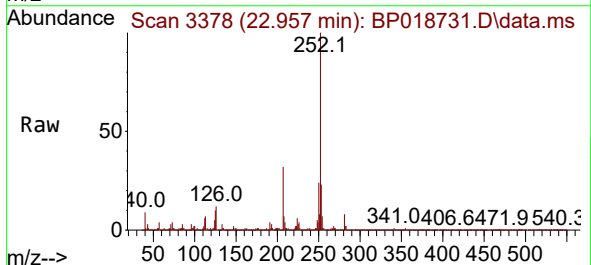
Tgt Ion:252 Resp: 1093780

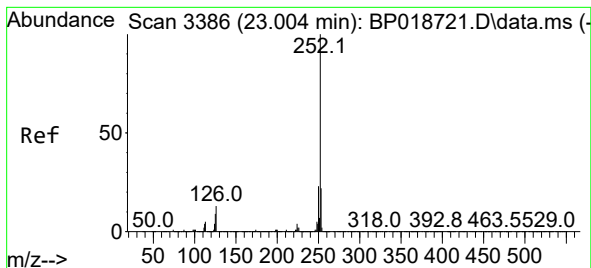
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.9 7.8 11.6





#91

Benzo(k)fluoranthene

Concen: 3.568 ng/ul

RT: 22.998 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

Instrument :

BNA_P

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C0AA5

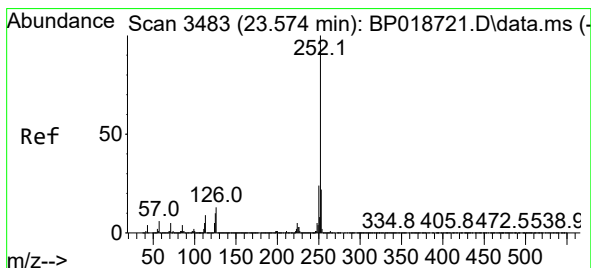
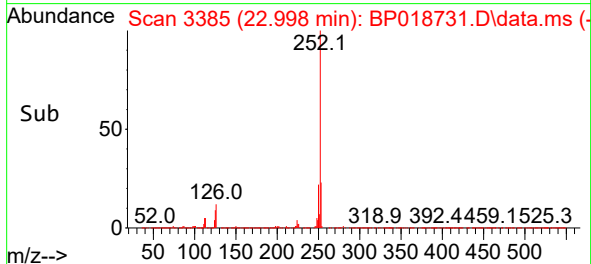
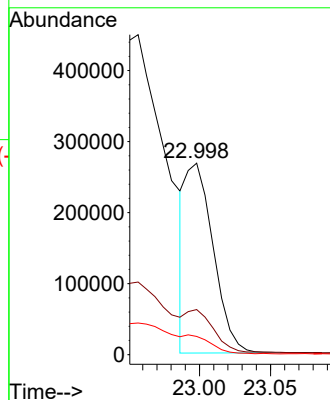
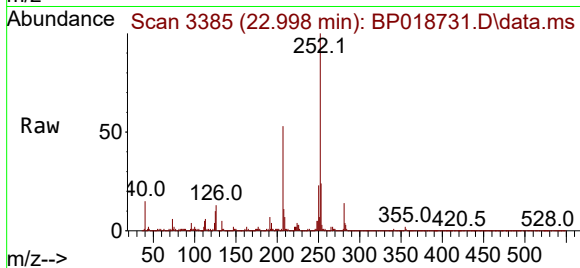
Tgt Ion:252 Resp: 361728

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 9.5 8.0 12.0



#93

Benzo(a)pyrene

Concen: 7.861 ng/ul

RT: 23.569 min Scan# 3482

Delta R.T. -0.018 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

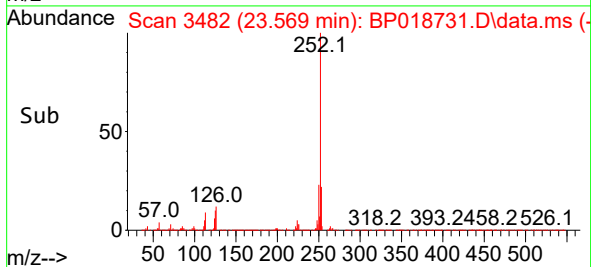
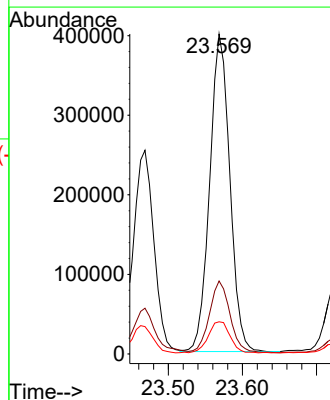
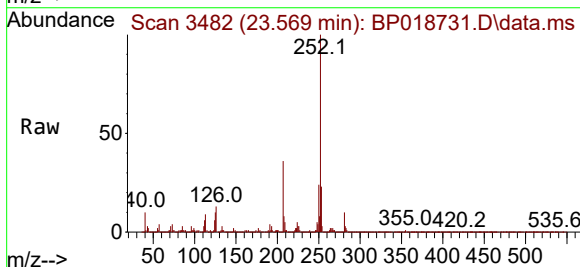
Tgt Ion:252 Resp: 752663

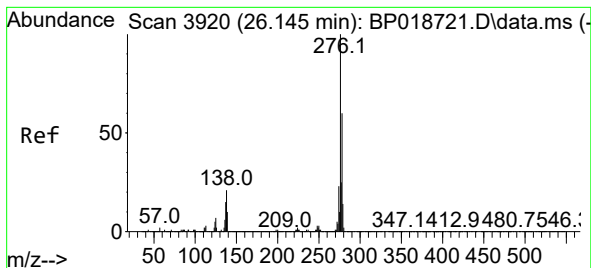
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.1 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.226 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. -0.029 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

Instrument :

BNA_P

ClientSampleId :

C0AA5

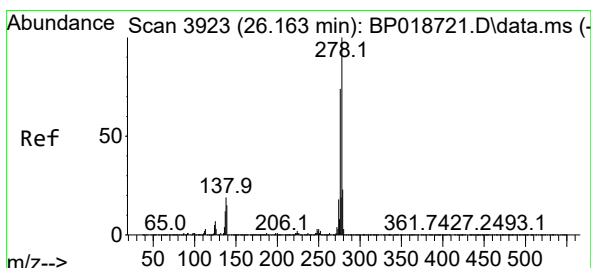
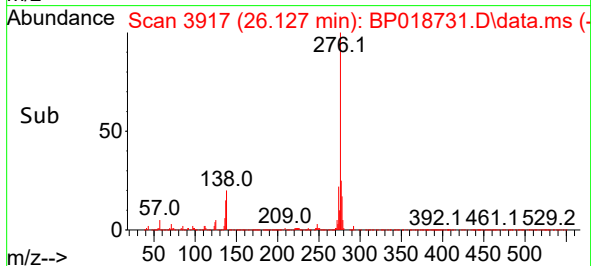
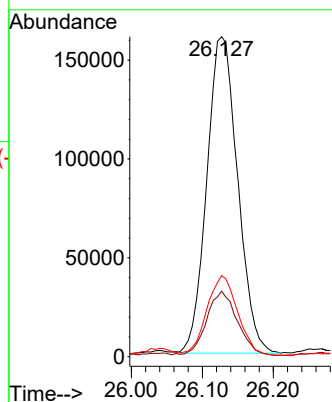
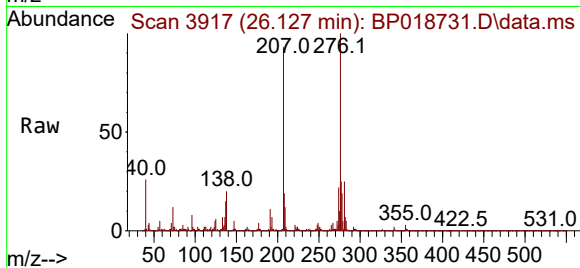
Tgt Ion:276 Resp: 483495

Ion Ratio Lower Upper

276 100

138 20.5 19.4 29.2

277 25.4 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 1.291 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. -0.041 min

Lab File: BP018731.D

Acq: 11 Dec 2023 17:35

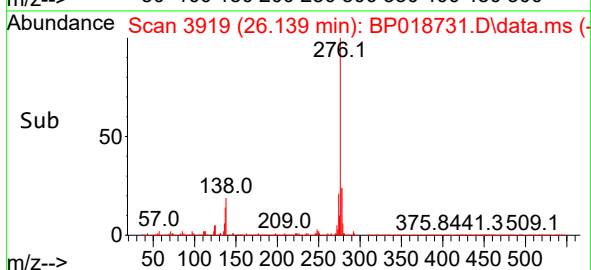
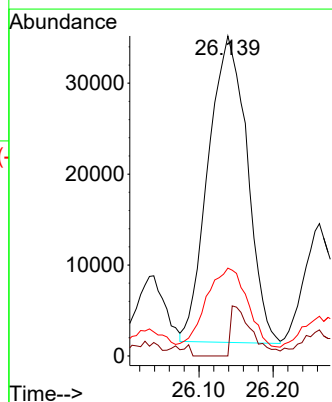
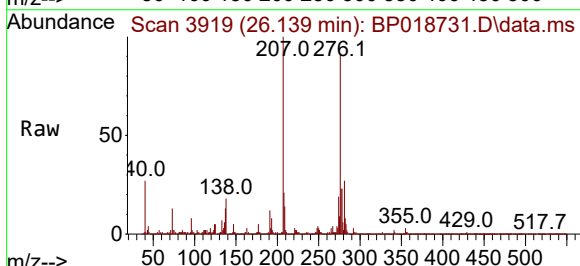
Tgt Ion:278 Resp: 122857

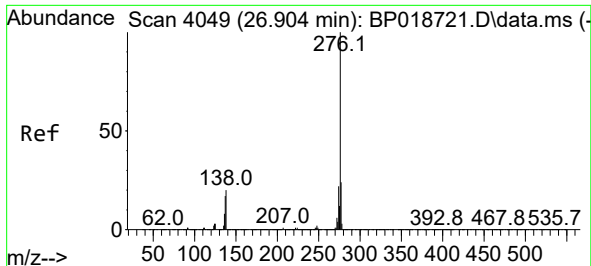
Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.6#

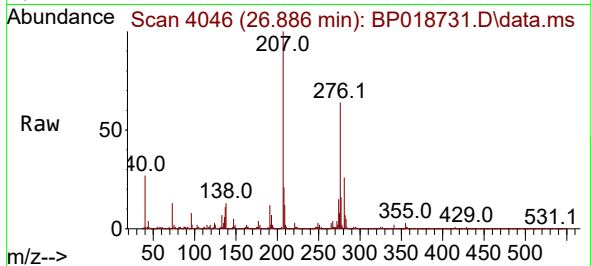
279 27.5 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 3.409 ng/ul
 RT: 26.886 min Scan# 4046
 Delta R.T. -0.029 min
 Lab File: BP018731.D
 Acq: 11 Dec 2023 17:35

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5



Tgt Ion:276 Resp: 313813
 Ion Ratio Lower Upper
 276 100
 138 20.1 18.1 27.1
 277 24.5 19.4 29.0

