

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP05171.D
 Acq On : 19 May 2023 14:14
 Operator : CG/JU
 Sample : 02664-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA6

Quant Time: May 19 22:25:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

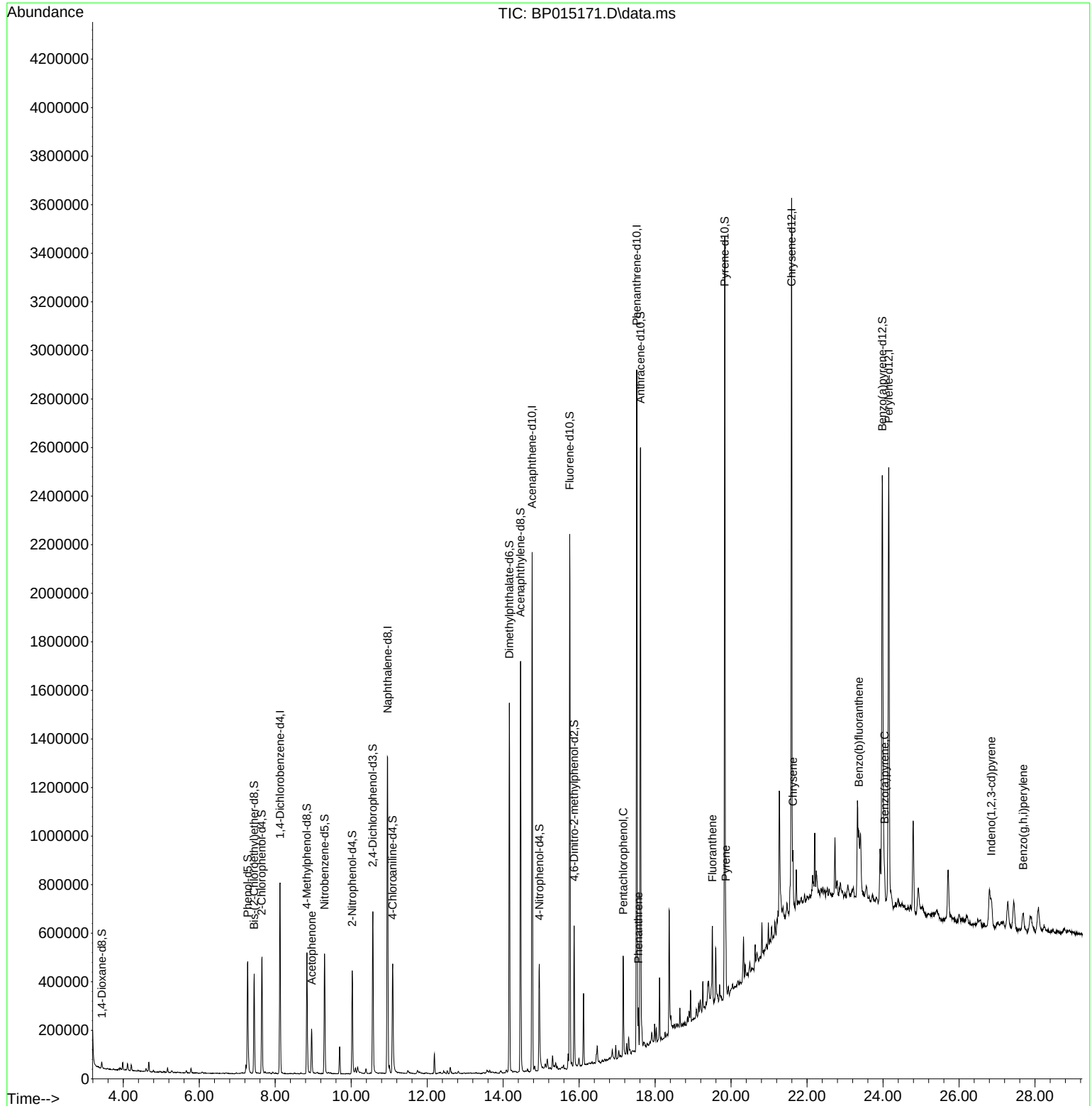
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	220802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1099193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	704562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1656458	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1380146	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1452045	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	14606	2.570	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.275	99	284964	13.900	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	178501	15.076	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	224219	14.875	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	197969	12.119	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	117895	13.649	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	139361	14.501	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	251739	14.516	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	274749	10.708	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	966635	18.156	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1069994	17.572	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	127292	12.313	ng/u1	0.00
60) Fluorene-d10	15.751	176	836196	18.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	116298	11.141	ng/u1	0.00
73) Anthracene-d10	17.616	188	1363960	17.982	ng/u1	0.00
81) Pyrene-d10	19.833	212	1598528	19.970	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1389911	19.283	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.957	105	101158	3.968	ng/u1	97
71) Pentachlorophenol	17.163	266	70109	5.559	ng/u1	97
72) Phenanthrene	17.557	178	94267	1.045	ng/u1	99
80) Fluoranthene	19.510	202	174848	1.792	ng/u1	99
82) Pyrene	19.863	202	159673	1.585	ng/u1	98
87) Chrysene	21.627	228	166026	1.820	ng/u1	98
90) Benzo(b)fluoranthene	23.363	252	261650	2.842	ng/u1#	95
93) Benzo(a)pyrene	24.039	252	96467	1.186	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.851	276	113651	1.079	ng/u1	98
96) Benzo(g,h,i)perylene	27.686	276	106815	1.243	ng/u1	98

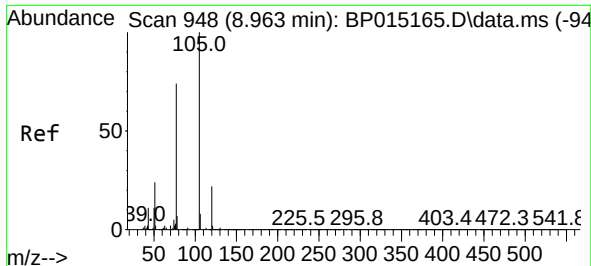
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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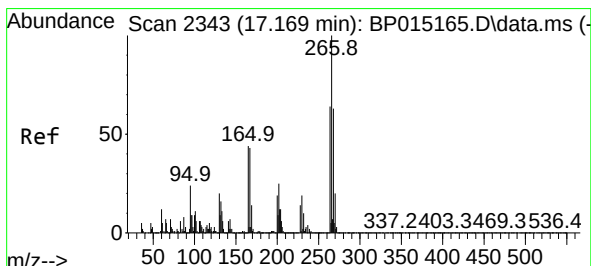
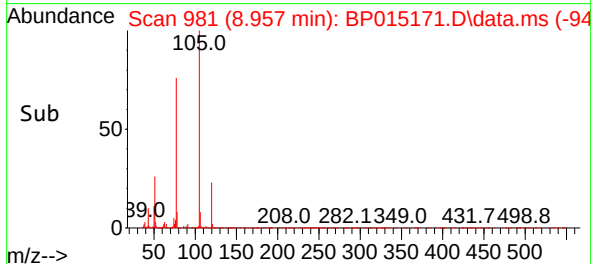
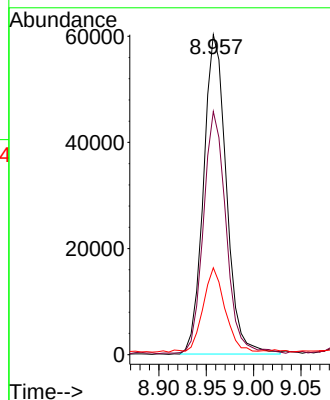
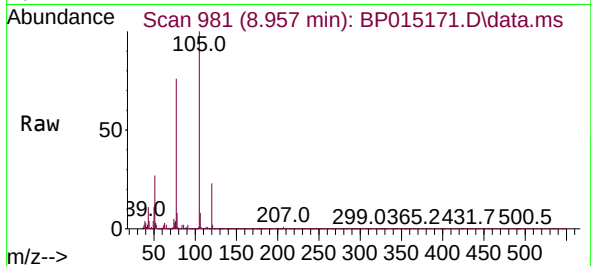




#16
Acetophenone
Concen: 3.968 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

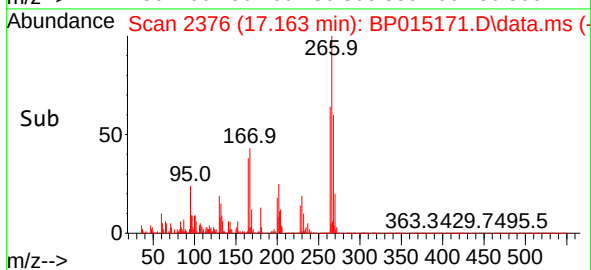
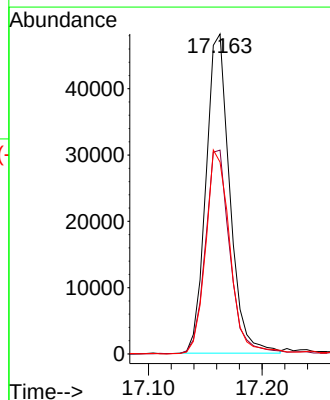
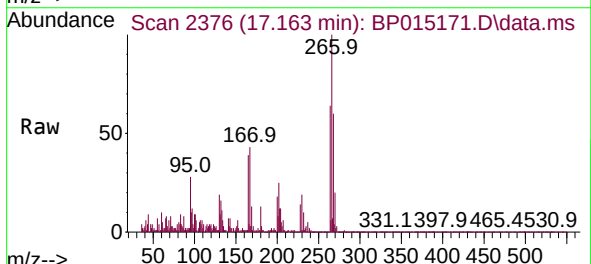
Instrument :
BNA_P
ClientSampleId :
JREA6

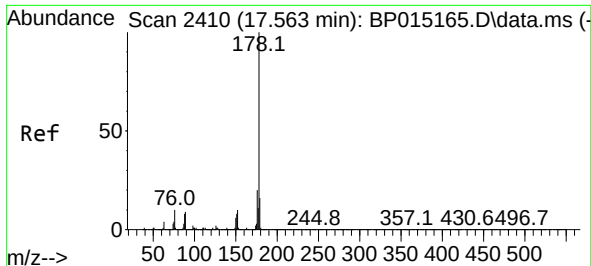
Tgt Ion:105 Resp: 101158
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.2
51 27.2 19.2 28.8



#71
Pentachlorophenol
Concen: 5.559 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:266 Resp: 70109
Ion Ratio Lower Upper
266 100
264 63.7 51.0 76.4
268 60.0 51.8 77.6

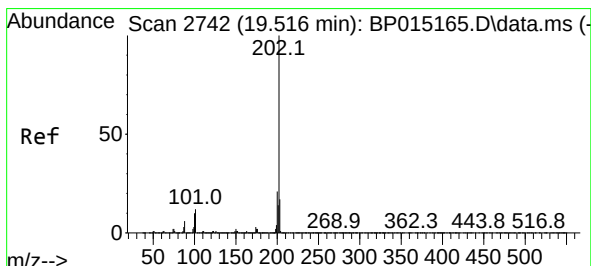
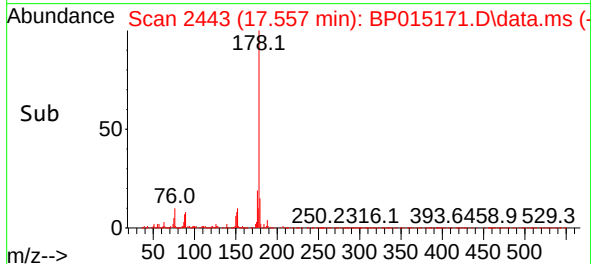
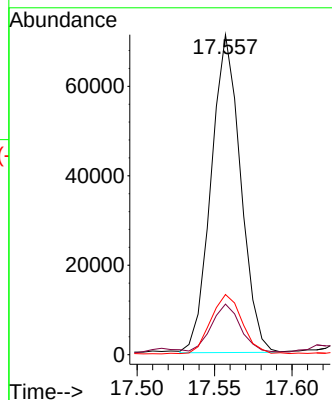
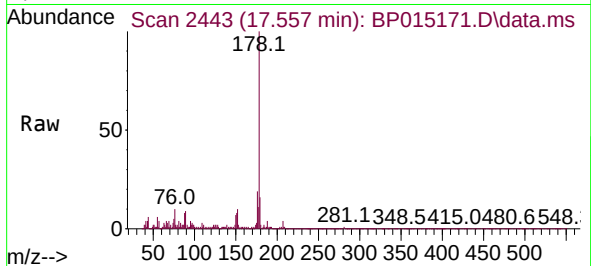




#72
Phenanthrene
Concen: 1.045 ng/ul
RT: 17.557 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

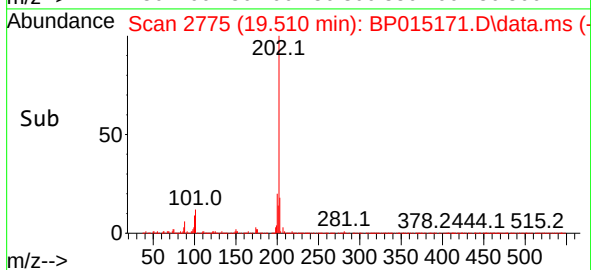
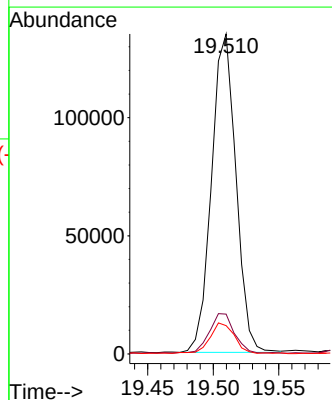
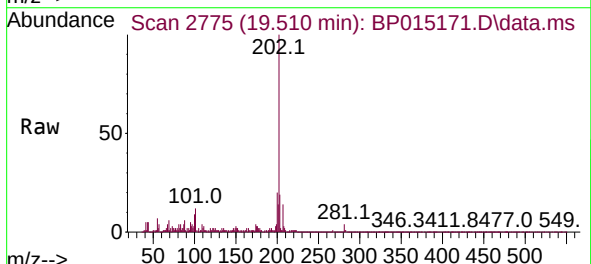
Instrument :
BNA_P
ClientSampleId :
JREA6

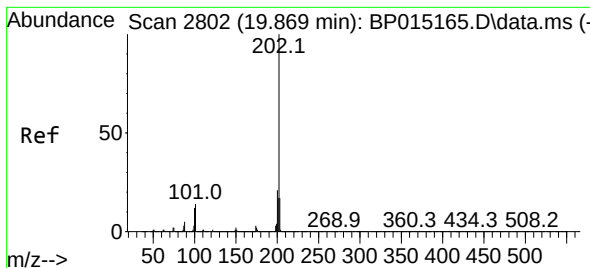
Tgt Ion:178 Resp: 94267
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 18.8 15.6 23.4



#80
Fluoranthene
Concen: 1.792 ng/ul
RT: 19.510 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP015171.D
Acq: 19 May 2023 14:14

Tgt Ion:202 Resp: 174848
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 8.9 7.3 10.9





#82

Pyrene

Concen: 1.585 ng/ul

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015171.D

Acq: 19 May 2023 14:14

Instrument :

BNA_P

ClientSampleId :

JREA6

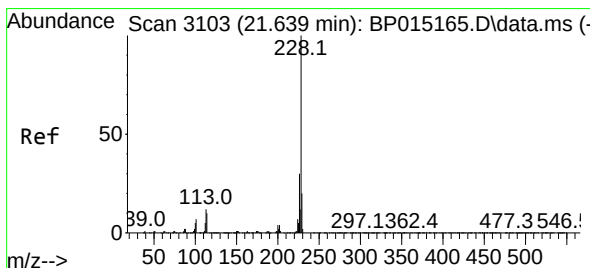
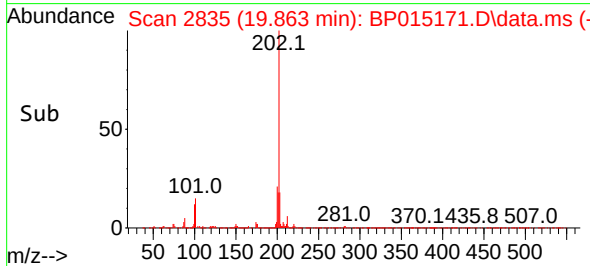
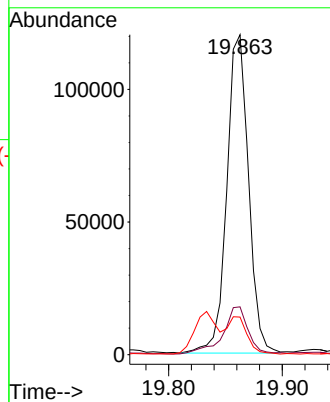
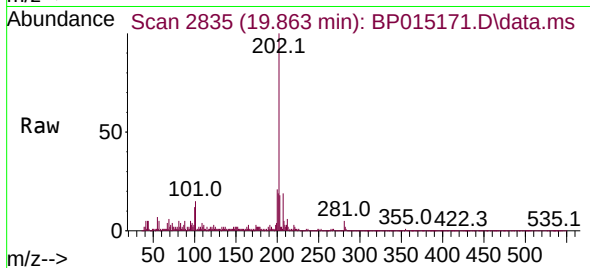
Tgt Ion:202 Resp: 159673

Ion Ratio Lower Upper

202 100

101 15.0 11.2 16.8

100 11.7 9.0 13.6



#87

Chrysene

Concen: 1.820 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015171.D

Acq: 19 May 2023 14:14

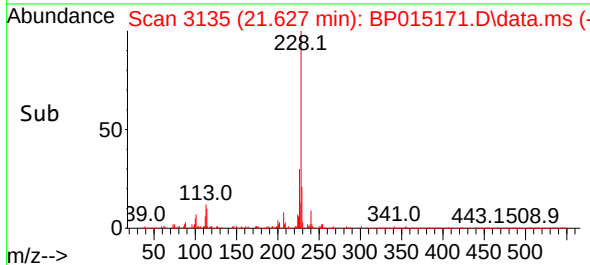
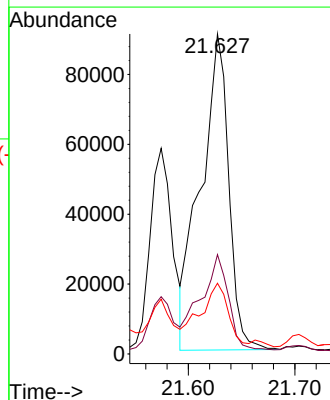
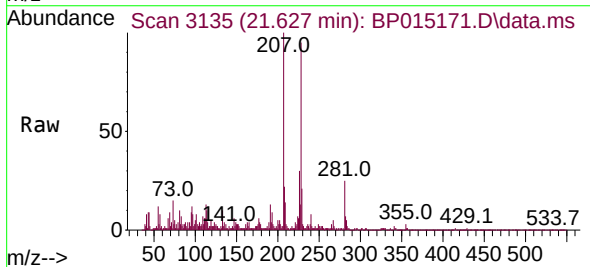
Tgt Ion:228 Resp: 166026

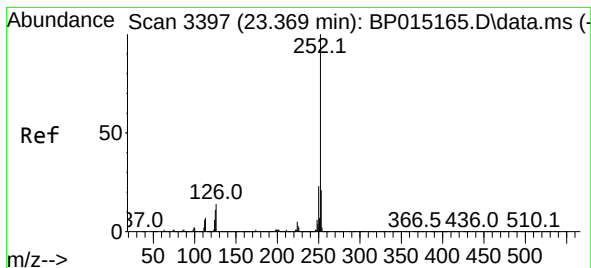
Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 22.1 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 2.842 ng/ul

RT: 23.363 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015171.D

Acq: 19 May 2023 14:14

Instrument :

BNA_P

ClientSampleId :

JREA6

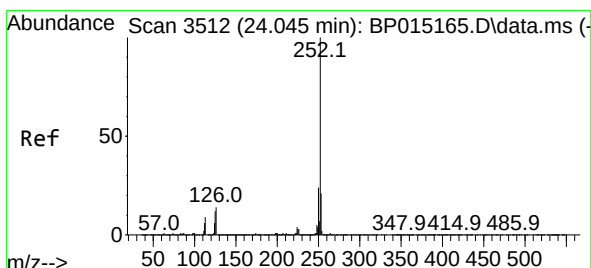
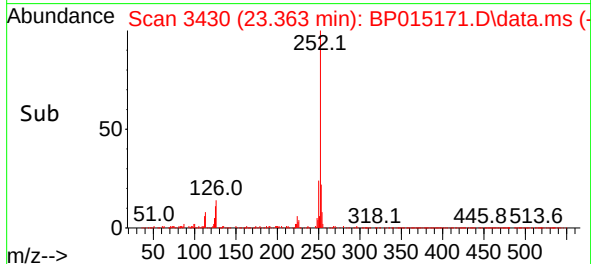
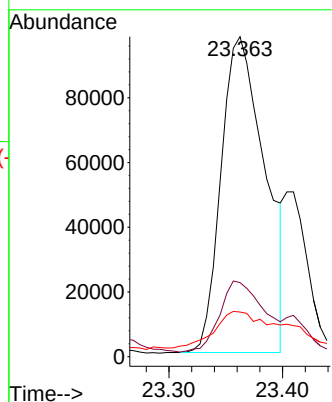
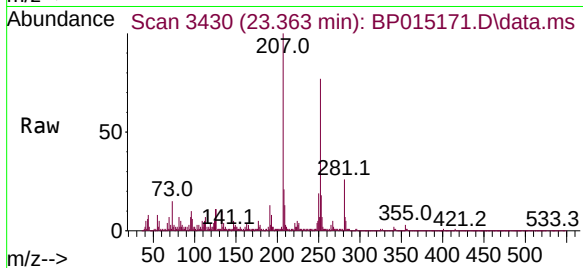
Tgt Ion:252 Resp: 261650

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 13.9 8.3 12.5#



#93

Benzo(a)pyrene

Concen: 1.186 ng/ul

RT: 24.039 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BP015171.D

Acq: 19 May 2023 14:14

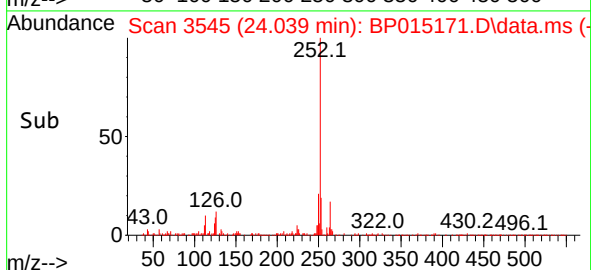
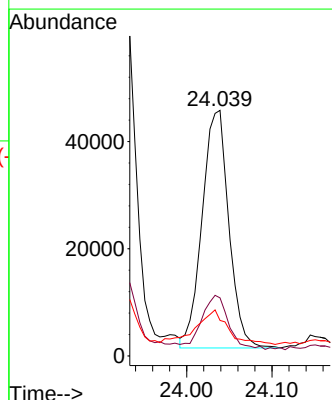
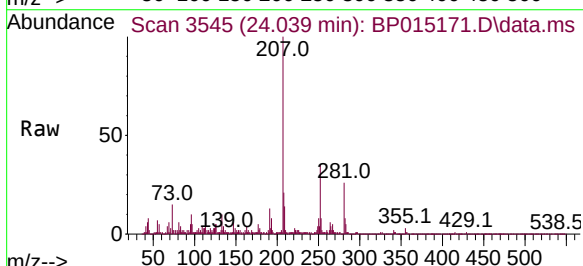
Tgt Ion:252 Resp: 96467

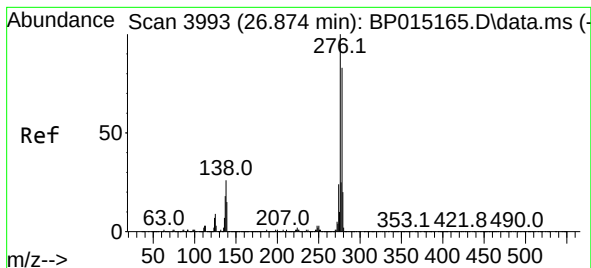
Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 14.4 9.1 13.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.079 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. -0.018 min

Lab File: BP015171.D

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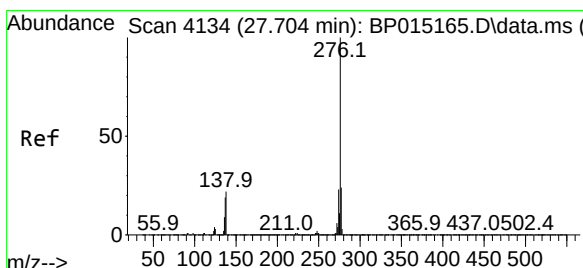
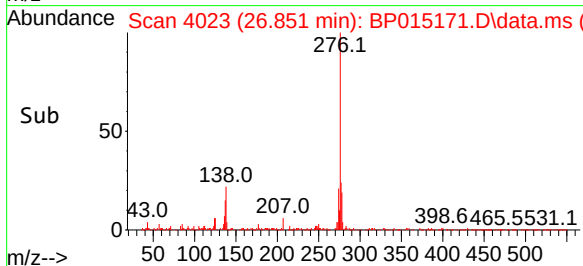
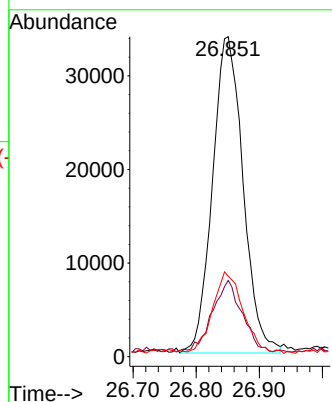
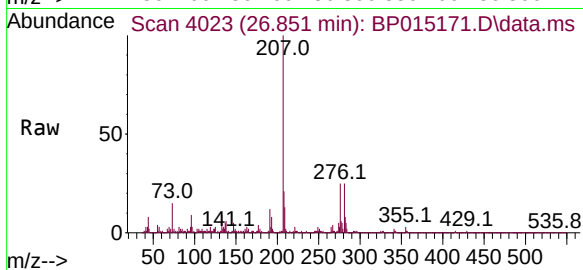
Tgt Ion:276 Resp: 113651

Ion Ratio Lower Upper

276 100

138 23.8 20.1 30.1

277 25.2 19.8 29.8



#96

Benzo(g,h,i)perylene

Concen: 1.243 ng/ul

RT: 27.686 min Scan# 4165

Delta R.T. -0.018 min

Lab File: BP015171.D

Acq: 19 May 2023 14:14

Tgt Ion:276 Resp: 106815

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 24.1 18.8 28.2

