

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012053.D
 Acq On : 11 Oct 2022 22:35
 Operator : CG/JU
 Sample : N4991-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP2

Quant Time: Oct 12 00:25:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
 Response via : Initial Calibration

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

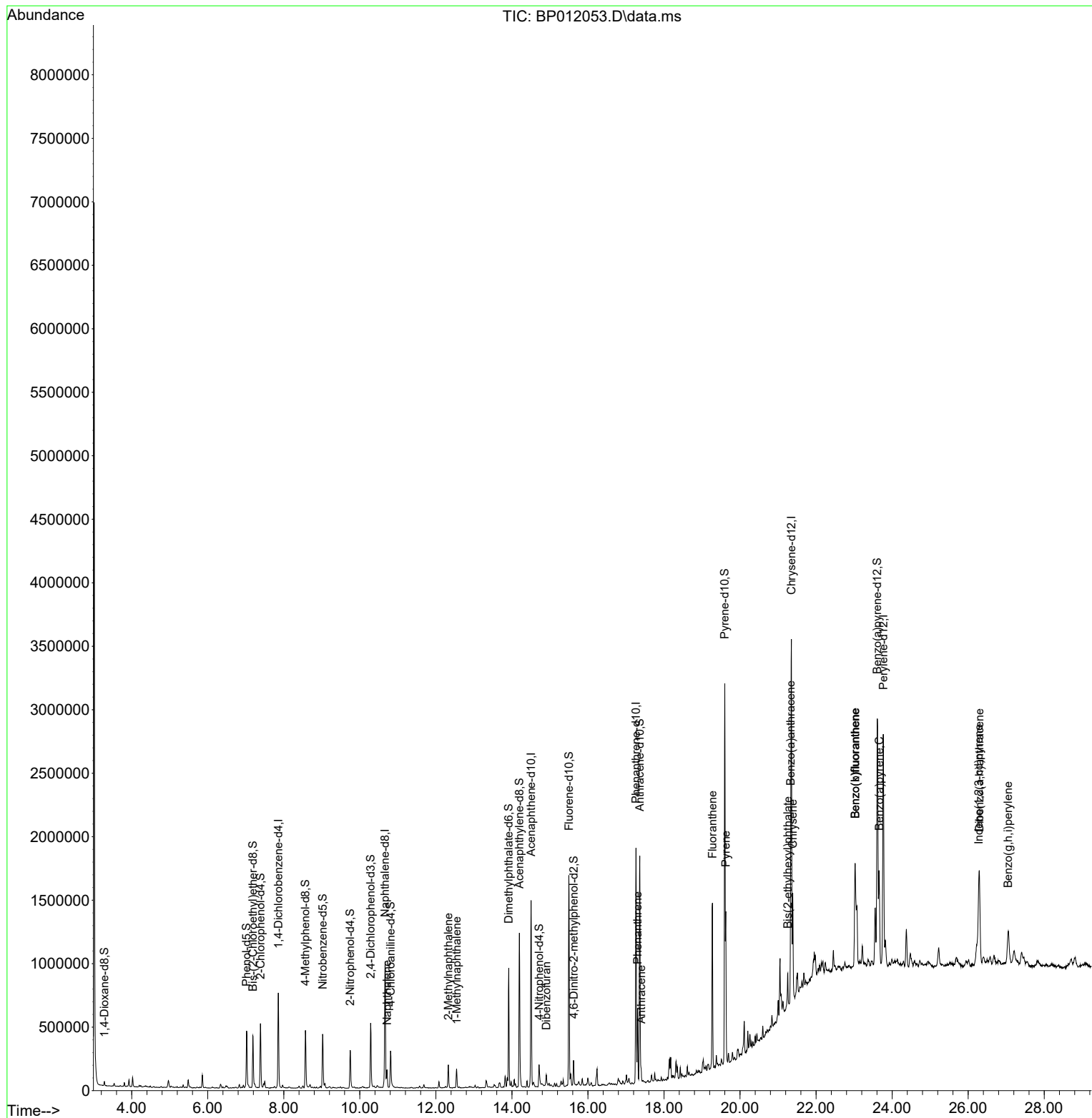
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	221722	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	887748	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	512035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	1109933	20.000	ng/ul	0.00
79) Chrysene-d12	21.351	240	1224387	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	1326116	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17547	3.120	ng/uL	0.00
4) Pyridine-d5	3.711	84	553	0.037	ng/ul	0.00
7) Phenol-d5	7.022	99	307092	17.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	190943	18.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	266481	18.826	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	195927	14.305	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	120658	19.245	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	117390	18.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	218882	17.765	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	197273	10.865	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	650250	20.052	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	817858	20.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	59411	9.332	ng/ul	0.00
60) Fluorene-d10	15.498	176	655873	22.355	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	46015	7.851	ng/ul	0.00
73) Anthracene-d10	17.363	188	1030646	21.384	ng/ul	0.00
81) Pyrene-d10	19.598	212	1399837	22.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	1477137	22.914	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.716	128	122170	2.604	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	92950	3.077	ng/ul	96
37) 1-Methylnaphthalene	12.545	142	74937	2.477	ng/ul	96
56) Dibenzofuran	14.904	168	44503	1.019	ng/ul	97
72) Phenanthrene	17.304	178	348438	5.773	ng/ul	99
74) Anthracene	17.398	178	61666	1.032	ng/ul	99
80) Fluoranthene	19.274	202	767920	9.991	ng/ul	100
82) Pyrene	19.627	202	706938	8.691	ng/ul	98
85) Benzo(a)anthracene	21.333	228	470611	6.106	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.257	149	86868	2.499	ng/ul	99
87) Chrysene	21.386	228	468488	6.315	ng/ul	98
90) Benzo(b)fluoranthene	23.027	252	707580	8.429	ng/ul#	97
91) Benzo(k)fluoranthene	23.027	252	707580	8.570	ng/ul#	97
93) Benzo(a)pyrene	23.662	252	501928	6.702	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.274	276	361731	3.820	ng/ul	99
95) Dibenzo(a,h)anthracene	26.298	278	89487	1.053	ng/ul#	89
96) Benzo(g,h,i)perylene	27.050	276	332365	3.893	ng/ul#	94

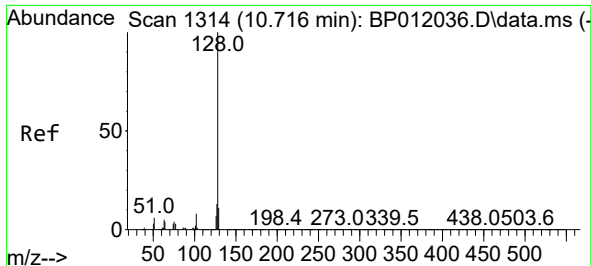
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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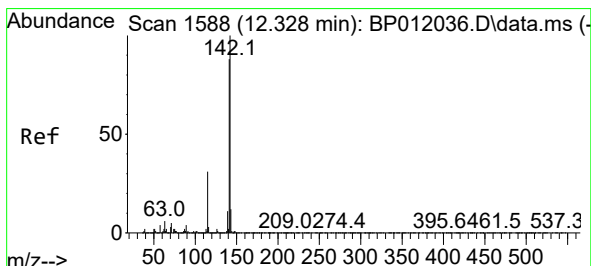
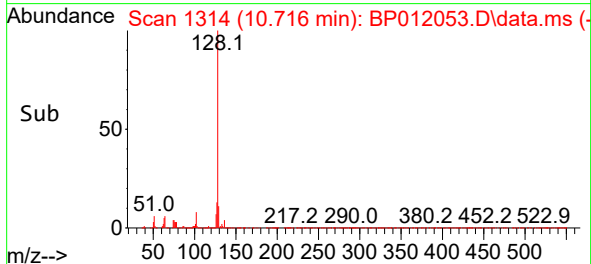
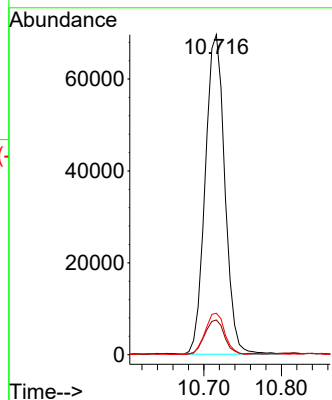
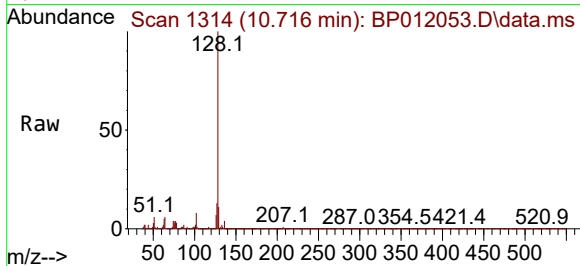




#30
Naphthalene
Concen: 2.604 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

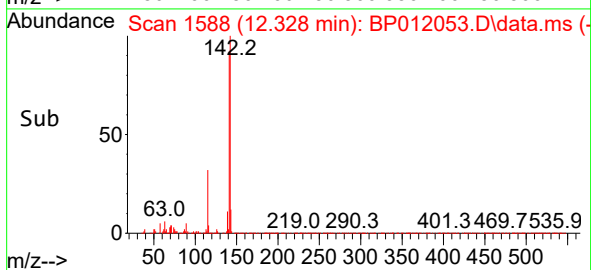
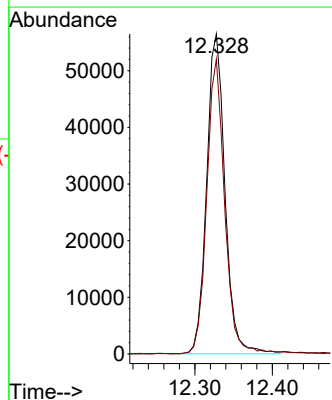
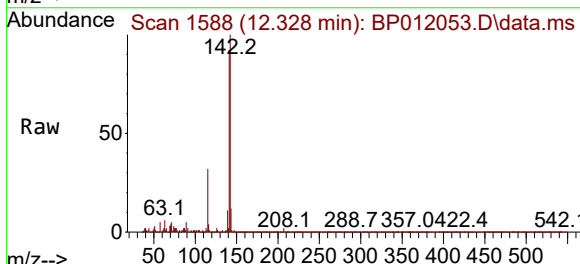
Instrument :
BNA_P
ClientSampleId :
C0BP2

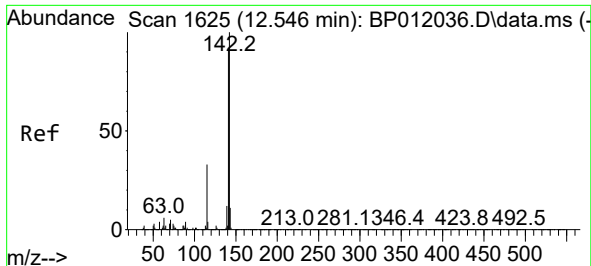
Tgt Ion:128 Resp: 122170
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 3.077 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

Tgt Ion:142 Resp: 92950
Ion Ratio Lower Upper
142 100
141 92.1 70.7 106.1





#37

1-Methylnaphthalene

Concen: 2.477 ng/ul

RT: 12.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

Instrument :

BNA_P

ClientSampleId :

C0BP2

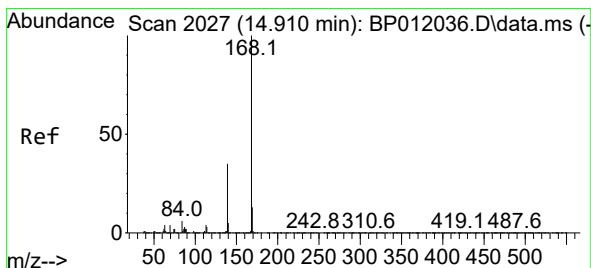
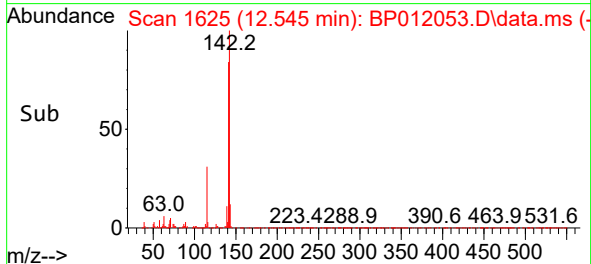
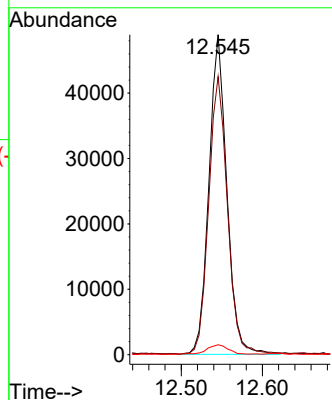
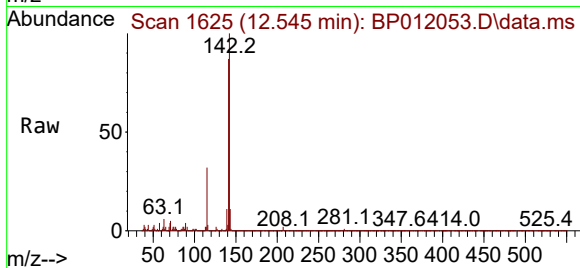
Tgt Ion:142 Resp: 74937

Ion Ratio Lower Upper

142 100

141 86.9 72.9 109.3

116 3.1 2.8 4.2



#56

Dibenzofuran

Concen: 1.019 ng/ul

RT: 14.904 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BP012053.D

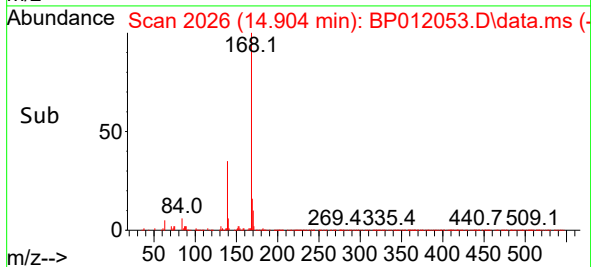
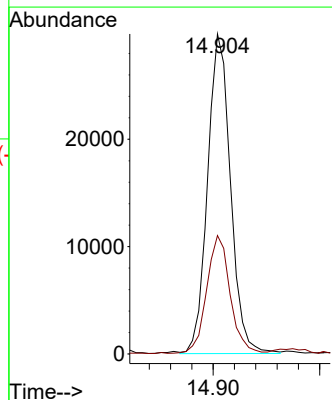
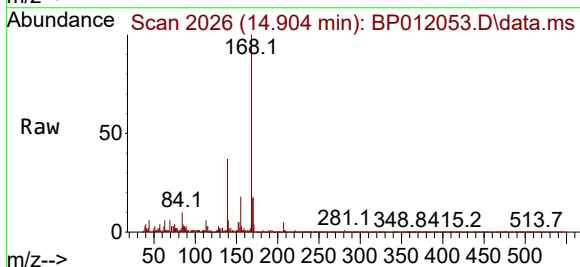
Acq: 11 Oct 2022 22:35

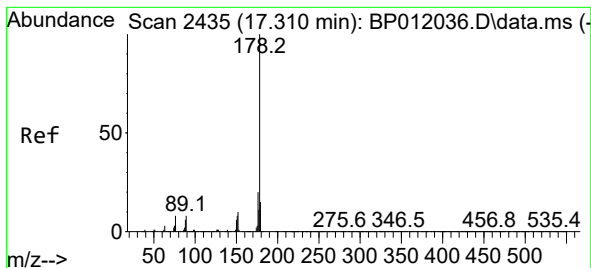
Tgt Ion:168 Resp: 44503

Ion Ratio Lower Upper

168 100

139 37.0 28.2 42.4





#72

Phenanthrene

Concen: 5.773 ng/ul

RT: 17.304 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

Instrument :

BNA_P

ClientSampleId :

C0BP2

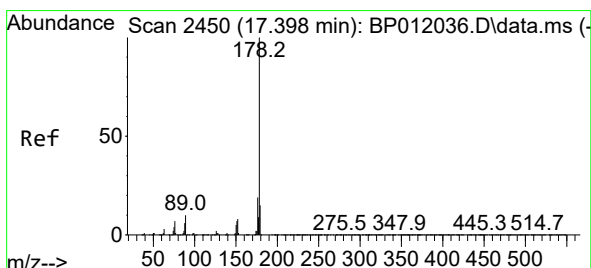
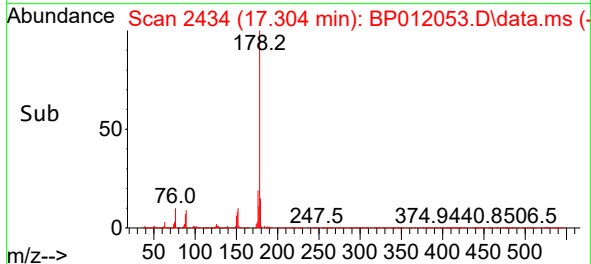
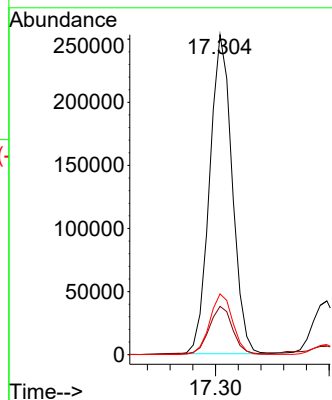
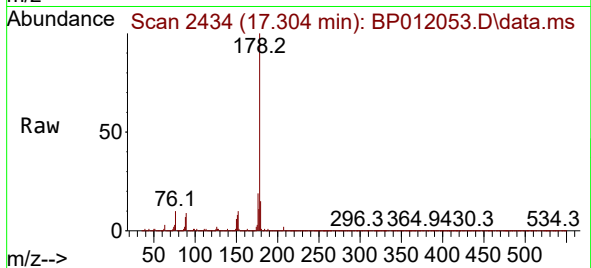
Tgt Ion:178 Resp: 348438

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.0 15.8 23.6



#74

Anthracene

Concen: 1.032 ng/ul

RT: 17.398 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

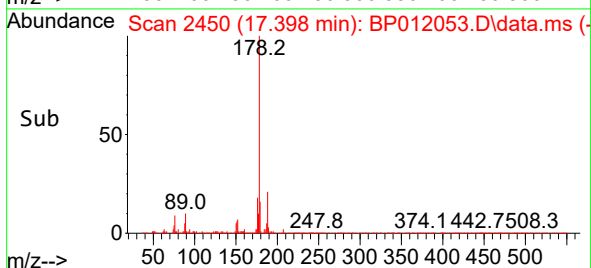
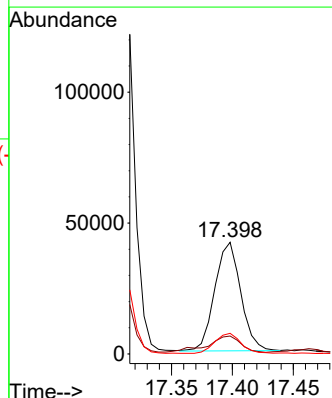
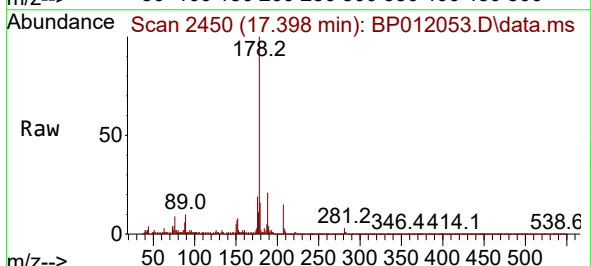
Tgt Ion:178 Resp: 61666

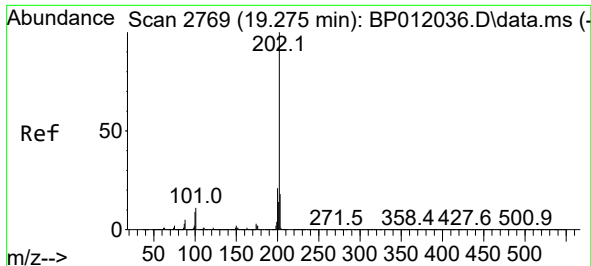
Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

176 18.5 14.8 22.2

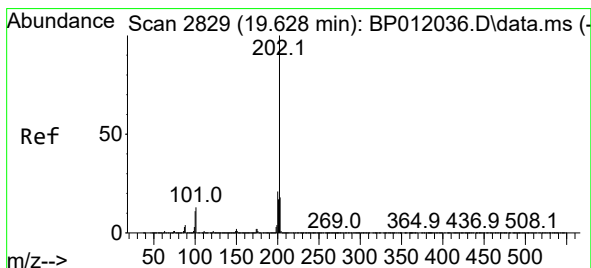
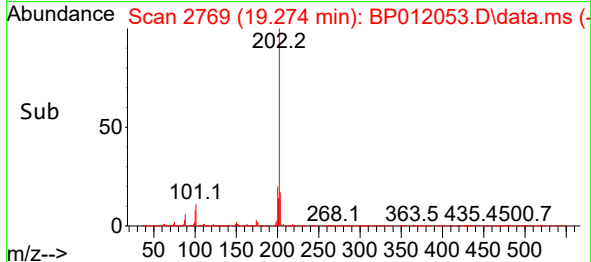
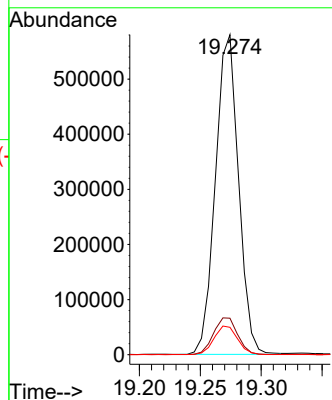
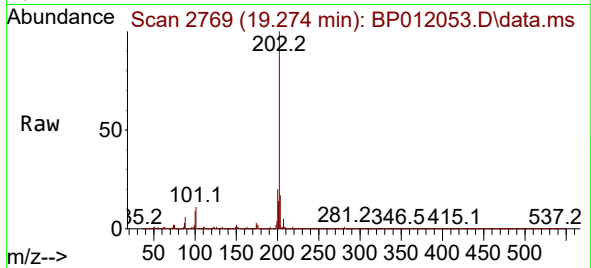




#80
Fluoranthene
Concen: 9.991 ng/ul
RT: 19.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

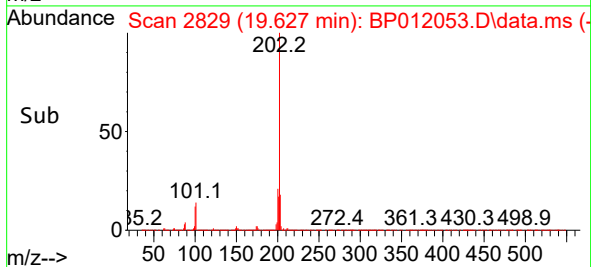
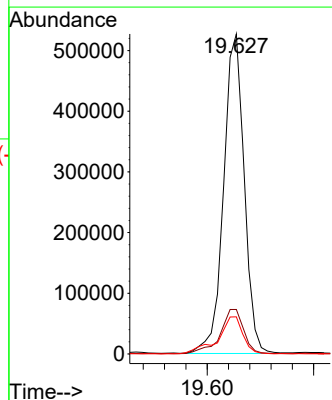
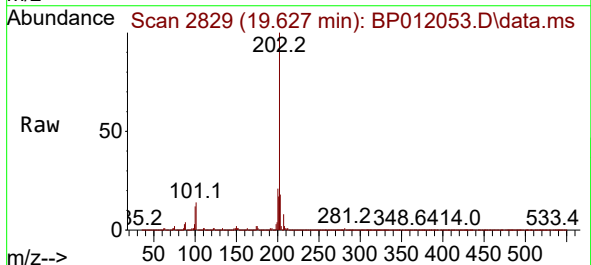
Instrument :
BNA_P
ClientSampleId :
C0BP2

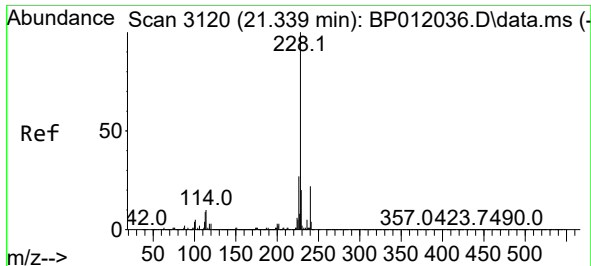
Tgt Ion:202 Resp: 767920
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
100 8.6 7.0 10.6



#82
Pyrene
Concen: 8.691 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

Tgt Ion:202 Resp: 706938
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.6 8.5 12.7

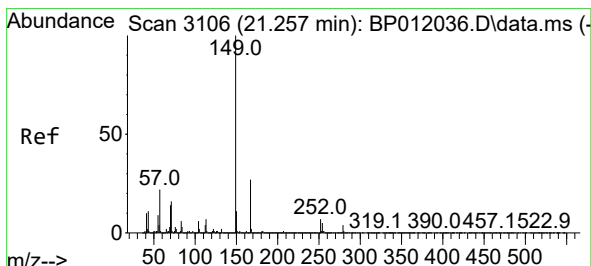
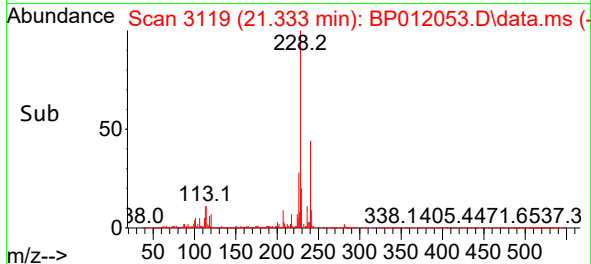
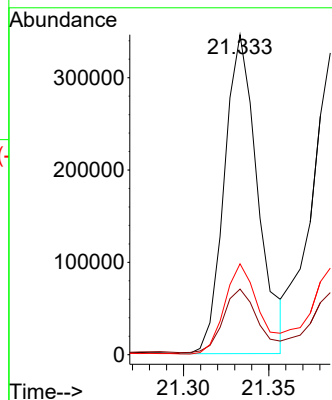
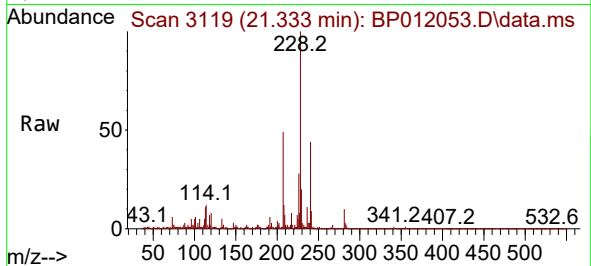




#85
Benzo(a)anthracene
Concen: 6.106 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

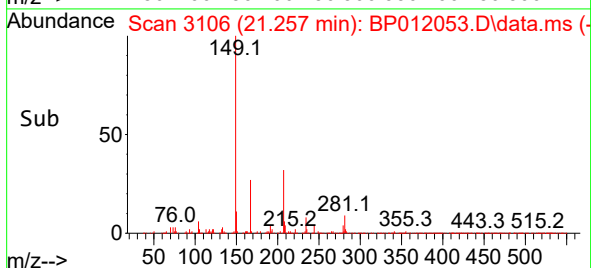
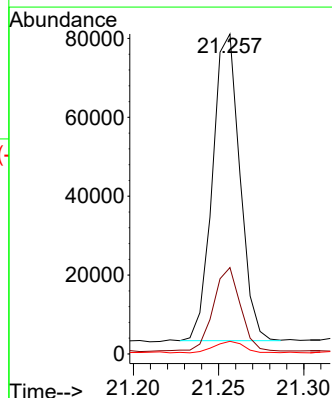
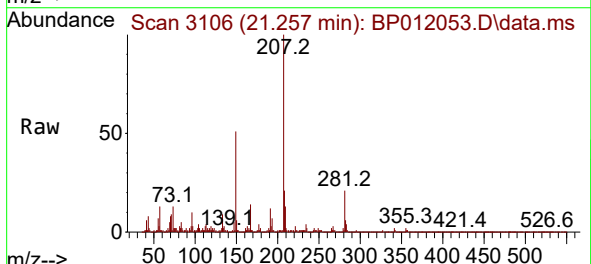
Instrument :
BNA_P
ClientSampleId :
C0BP2

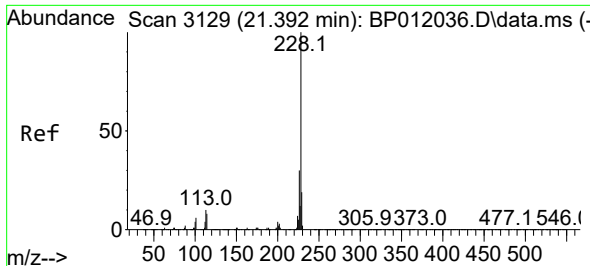
Tgt Ion:228 Resp: 470611
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.4 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.499 ng/ul
RT: 21.257 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP012053.D
Acq: 11 Oct 2022 22:35

Tgt Ion:149 Resp: 86868
Ion Ratio Lower Upper
149 100
167 27.0 21.9 32.9
279 3.9 3.4 5.2





#87

Chrysene

Concen: 6.315 ng/ul

RT: 21.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

Instrument :

BNA_P

ClientSampleId :

C0BP2

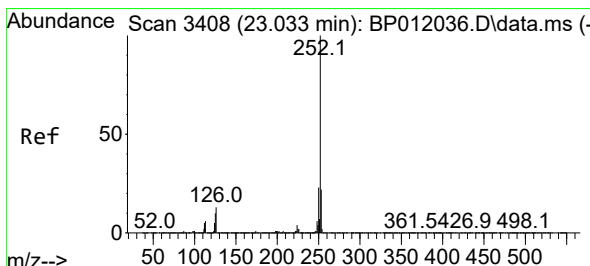
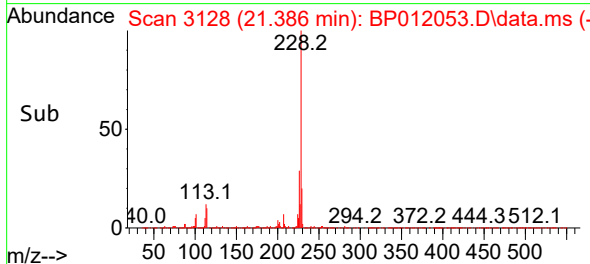
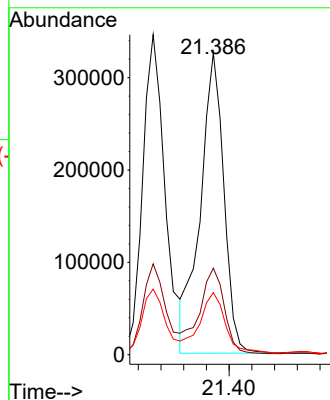
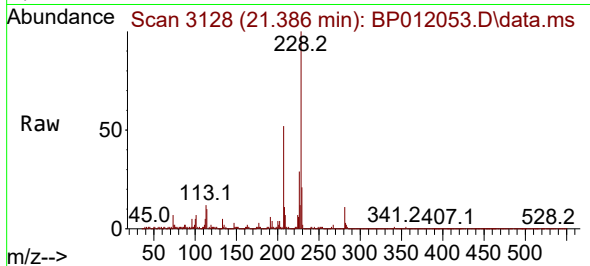
Tgt Ion:228 Resp: 468488

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

229 20.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.429 ng/ul

RT: 23.027 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

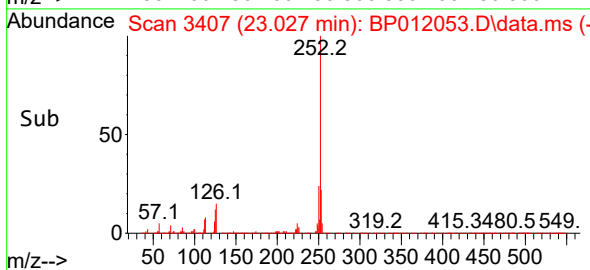
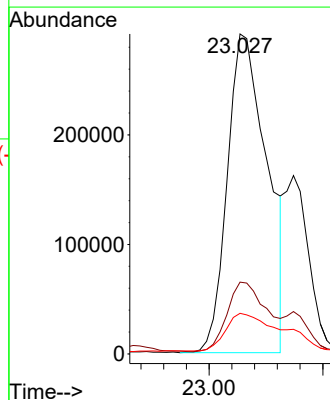
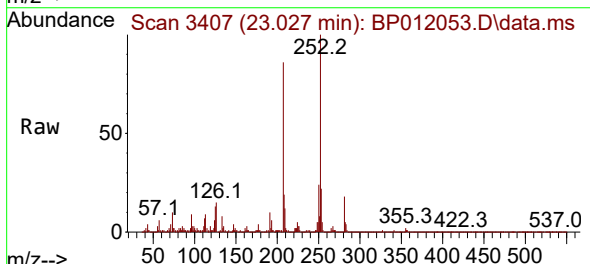
Tgt Ion:252 Resp: 707580

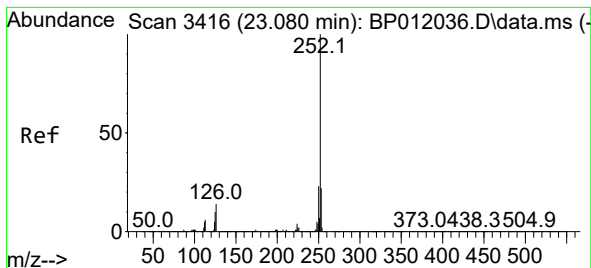
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.7 7.8 11.8#





#91

Benzo(k)fluoranthene

Concen: 8.570 ng/ul

RT: 23.027 min Scan# 3416

Delta R.T. -0.053 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

Instrument :

BNA_P

ClientSampleId :

C0BP2

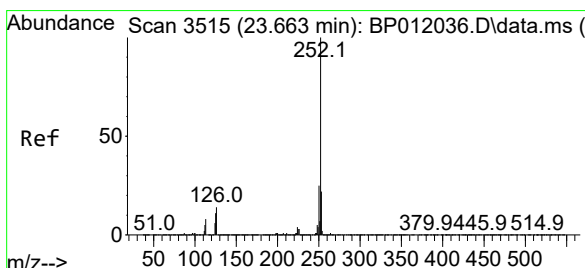
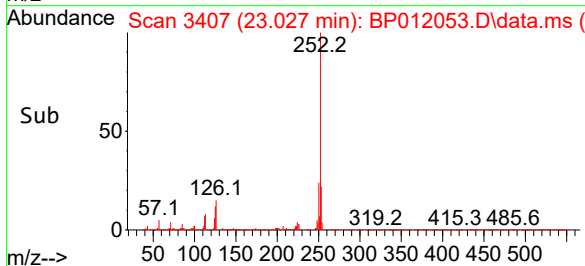
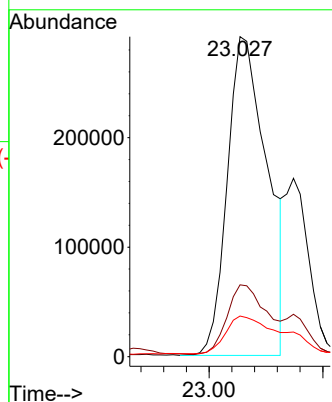
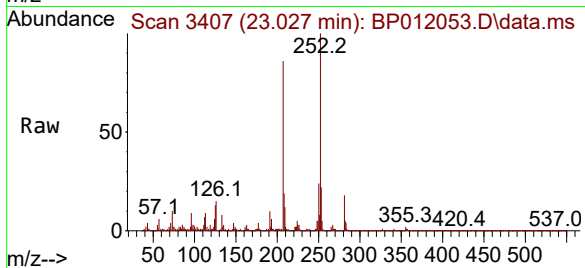
Tgt Ion:252 Resp: 707580

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.7 8.2 12.2#



#93

Benzo(a)pyrene

Concen: 6.702 ng/ul

RT: 23.662 min Scan# 3515

Delta R.T. -0.000 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

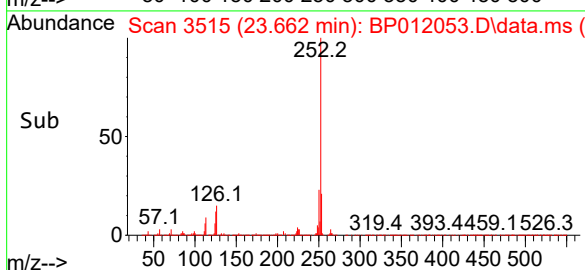
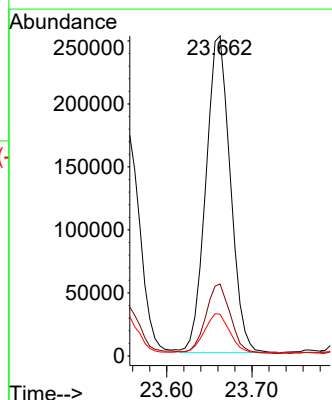
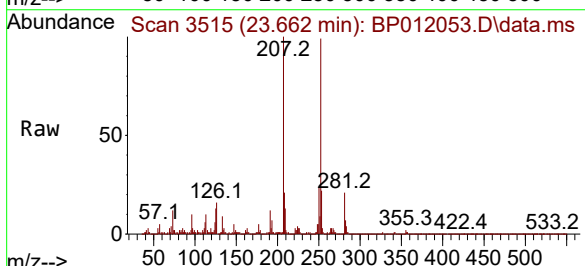
Tgt Ion:252 Resp: 501928

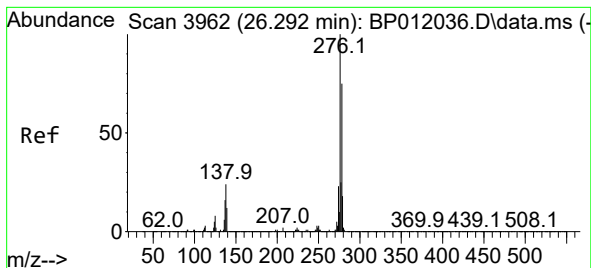
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 13.0 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.820 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.018 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

Instrument :

BNA_P

ClientSampleId :

C0BP2

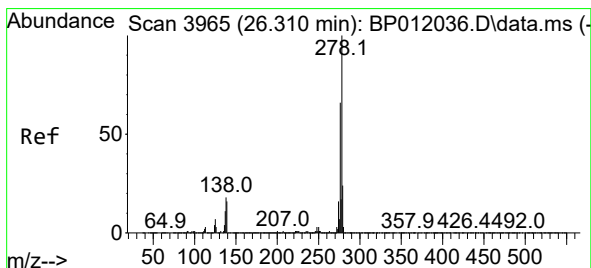
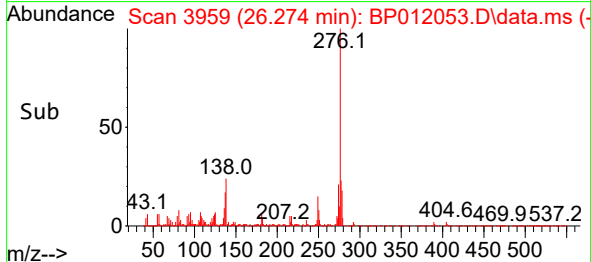
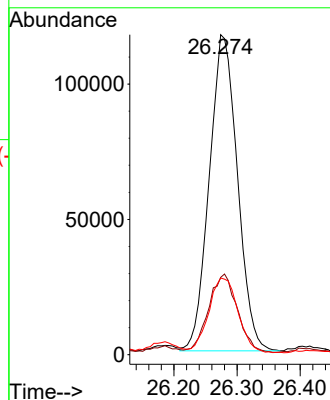
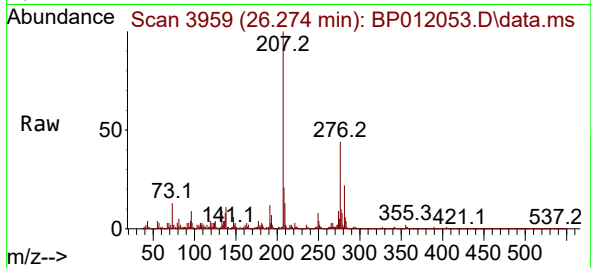
Tgt Ion:276 Resp: 361731

Ion Ratio Lower Upper

276 100

138 24.2 19.1 28.7

277 23.9 19.9 29.9



#95

Dibenzo(a,h)anthracene

Concen: 1.053 ng/ul

RT: 26.298 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BP012053.D

Acq: 11 Oct 2022 22:35

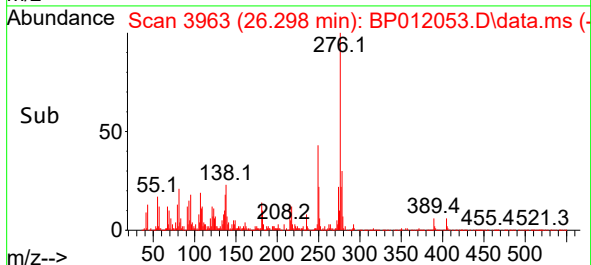
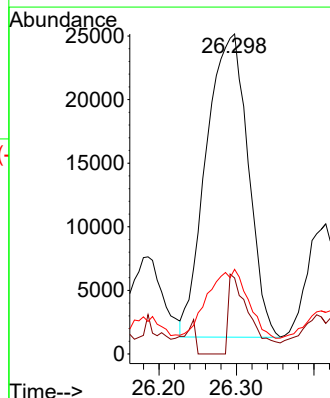
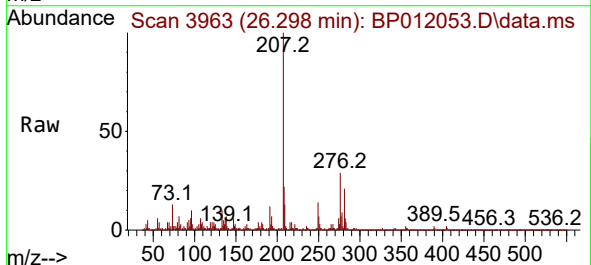
Tgt Ion:278 Resp: 89487

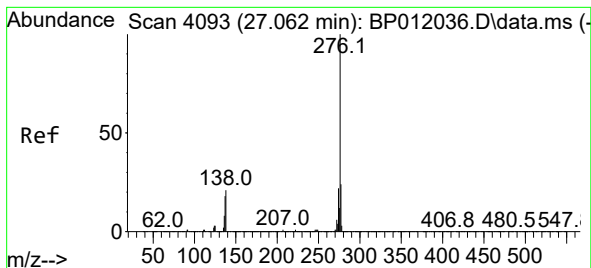
Ion Ratio Lower Upper

278 100

139 23.7 12.5 18.7#

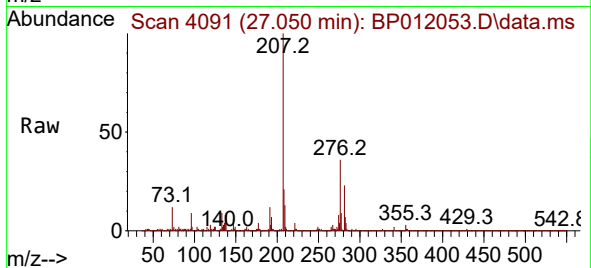
279 26.4 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 3.893 ng/ul
 RT: 27.050 min Scan# 4091
 Delta R.T. -0.012 min
 Lab File: BP012053.D
 Acq: 11 Oct 2022 22:35

Instrument :
 BNA_P
 ClientSampleId :
 C0BP2



Tgt Ion: 276 Resp: 332365
 Ion Ratio Lower Upper
 276 100
 138 25.9 16.5 24.7#
 277 24.6 19.0 28.4

