

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013282.D
 Acq On : 23 Dec 2022 16:35
 Operator : CG/JU
 Sample : N6018-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYK2

Quant Time: Dec 24 00:26:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

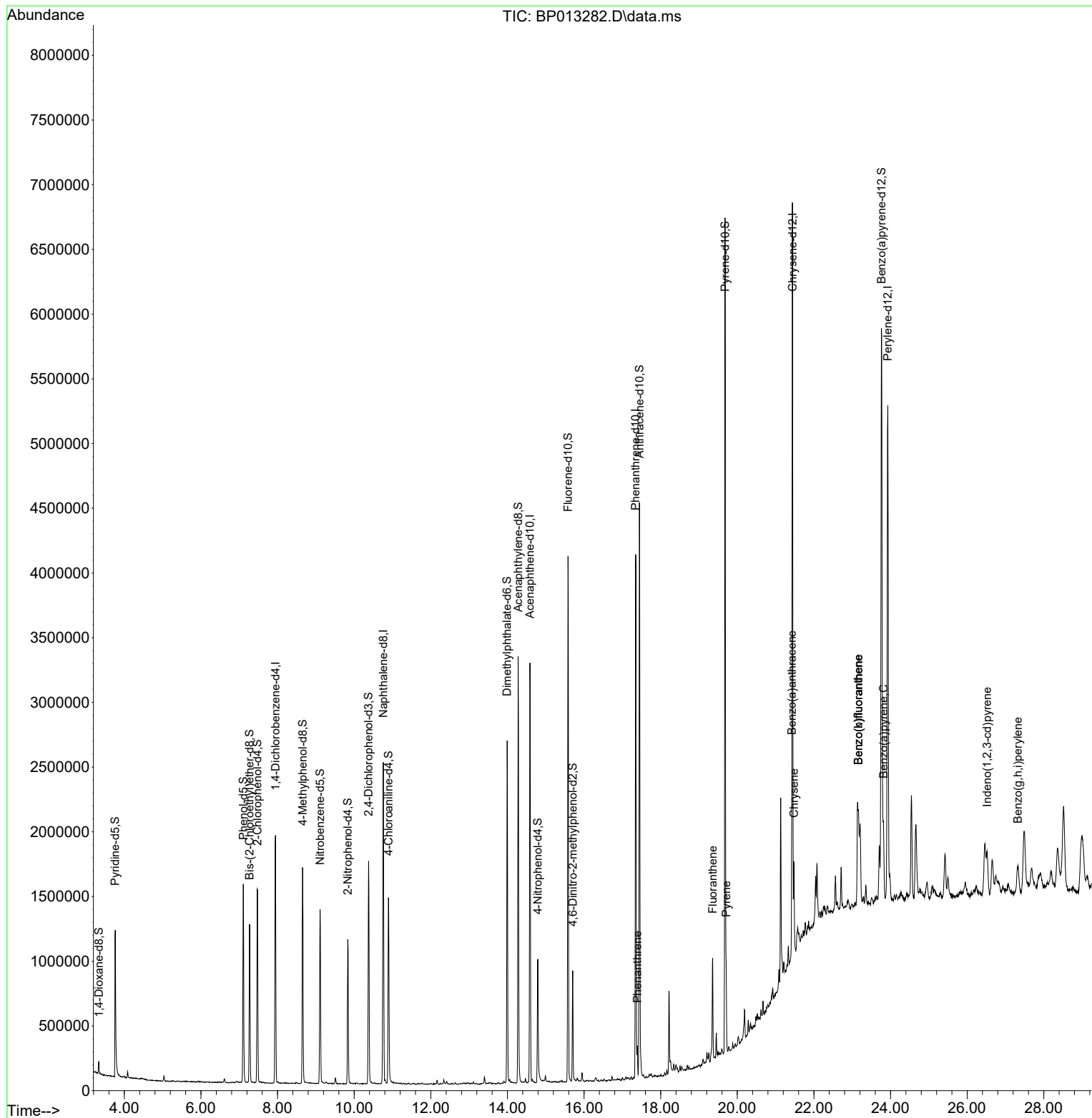
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	517529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1963581	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1121293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2517099	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2687244	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	3092501	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	45269	3.740	ng/uL	0.00
4) Pyridine-d5	3.764	84	596450	17.347	ng/ul	0.00
7) Phenol-d5	7.105	99	825707	19.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	524050	20.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	673948	20.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	627092	18.156	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	312506	21.661	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	349343	21.509	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	645884	20.473	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	783842	17.600	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1767752	20.513	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2056283	21.715	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	247156	15.944	ng/ul	0.00
60) Fluorene-d10	15.581	176	1601472	21.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	174147	10.751	ng/ul	0.00
73) Anthracene-d10	17.445	188	2552037	22.473	ng/ul	0.00
81) Pyrene-d10	19.680	212	3286176	21.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	3423605	22.211	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.392	178	140122	1.069	ng/ul	98
80) Fluoranthene	19.357	202	442803	2.529	ng/ul	99
82) Pyrene	19.710	202	396819	2.197	ng/ul	97
85) Benzo(a)anthracene	21.421	228	363595	2.038	ng/ul	98
87) Chrysene	21.480	228	441274	2.616	ng/ul	97
90) Benzo(b)fluoranthene	23.163	252	693122	3.515	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	693122	3.545	ng/ul	98
93) Benzo(a)pyrene	23.815	252	428904	2.498	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.521	276	331908	1.552	ng/ul	95
96) Benzo(g,h,i)perylene	27.321	276	326996	1.904	ng/ul	98

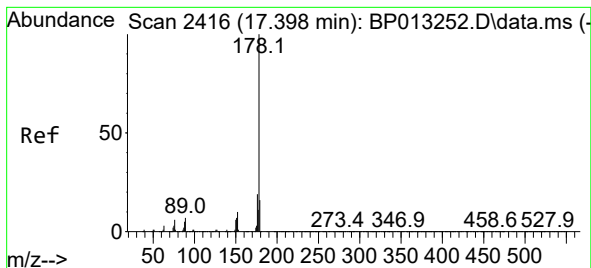
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 24 00:19:17 2022
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#72

Phenanthrene

Concen: 1.069 ng/ul

RT: 17.392 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

DBYK2

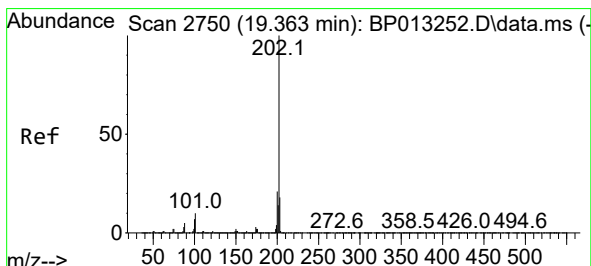
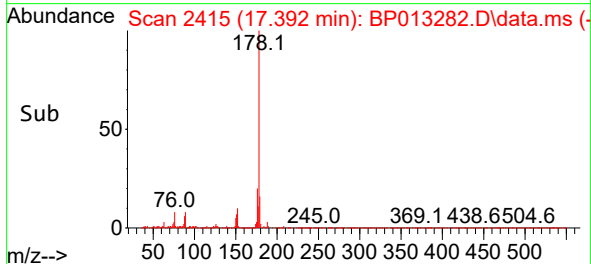
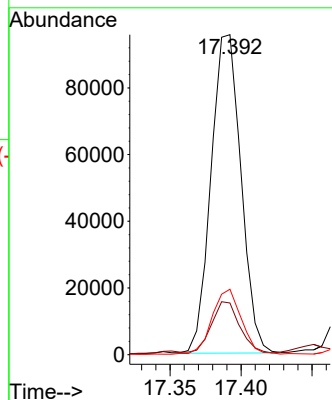
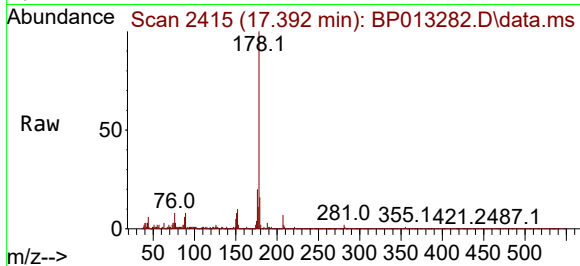
Tgt Ion:178 Resp: 140122

Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 20.4 15.4 23.0



#80

Fluoranthene

Concen: 2.529 ng/ul

RT: 19.357 min Scan# 2749

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

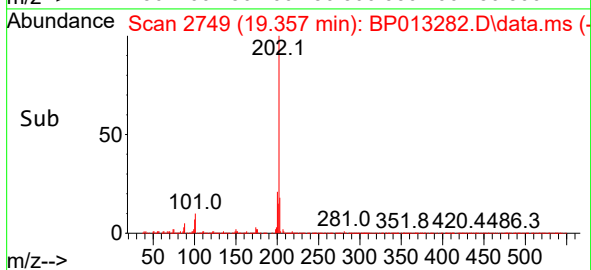
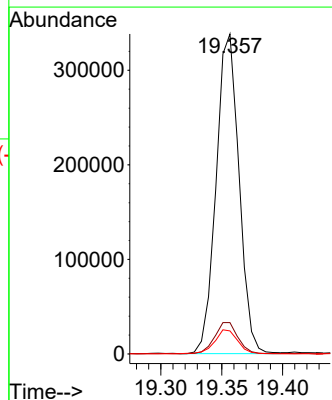
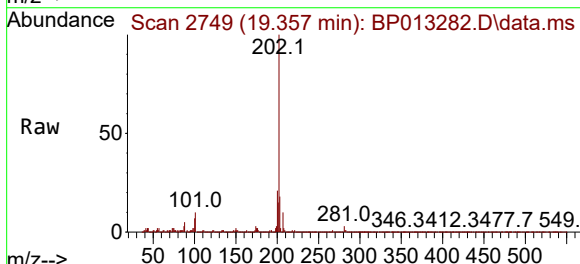
Tgt Ion:202 Resp: 442803

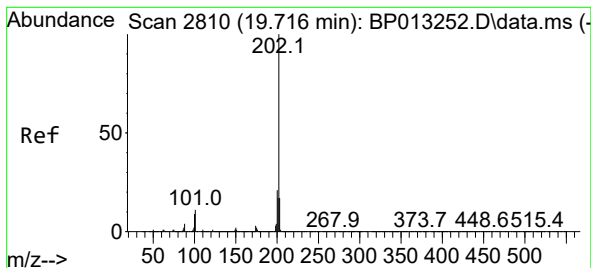
Ion Ratio Lower Upper

202 100

101 9.8 8.2 12.2

100 7.2 6.1 9.1





#82

Pyrene

Concen: 2.197 ng/ul

RT: 19.710 min Scan# 2100

Delta R.T. 0.000 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

DBYK2

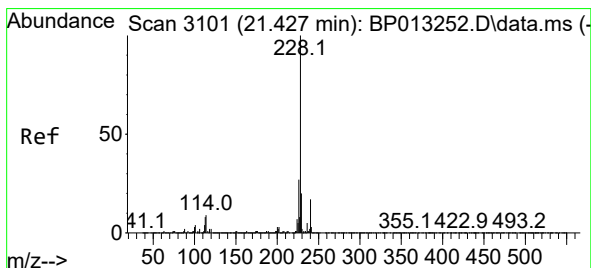
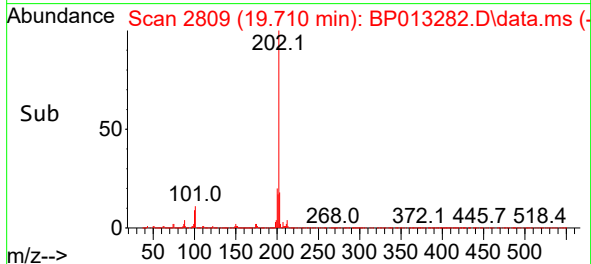
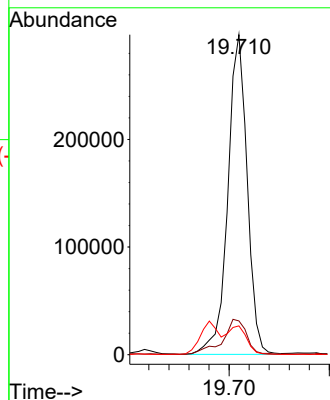
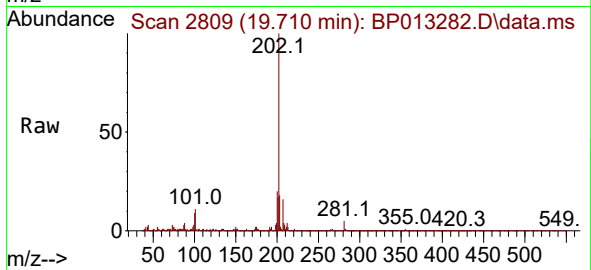
Tgt Ion:202 Resp: 396819

Ion Ratio Lower Upper

202 100

101 10.6 9.4 14.2

100 9.0 7.8 11.8



#85

Benzo(a)anthracene

Concen: 2.038 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

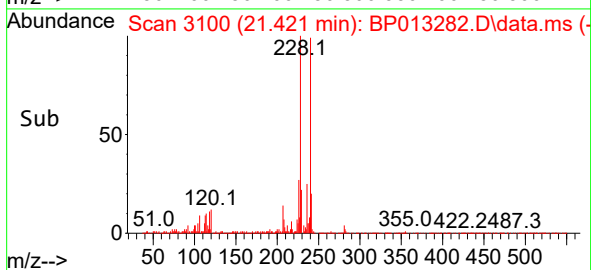
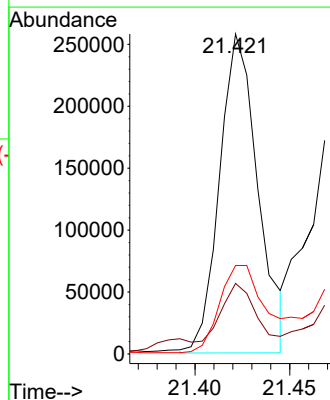
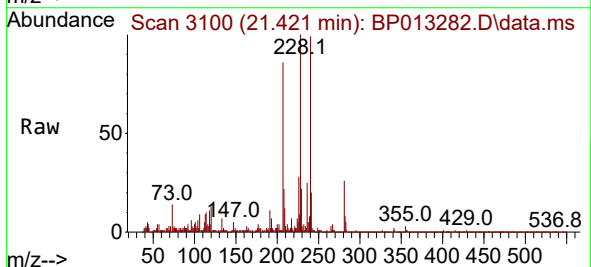
Tgt Ion:228 Resp: 363595

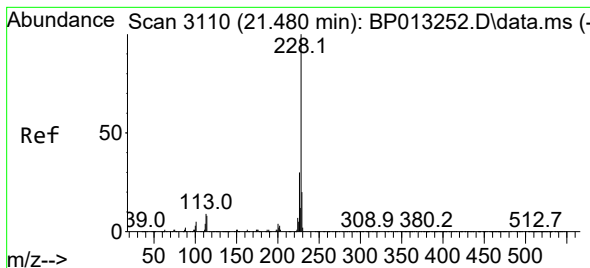
Ion Ratio Lower Upper

228 100

229 22.0 16.1 24.1

226 27.7 22.0 33.0





#87

Chrysene

Concen: 2.616 ng/ul

RT: 21.480 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

DBYK2

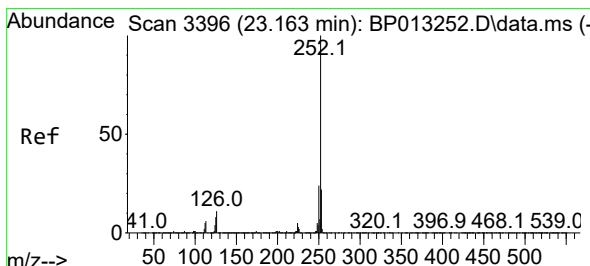
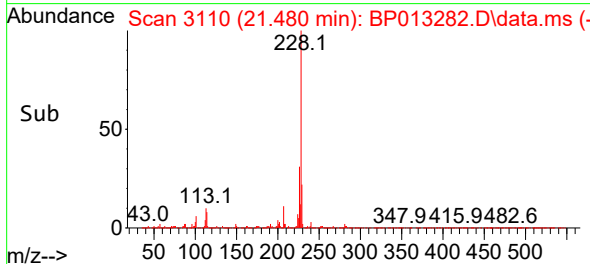
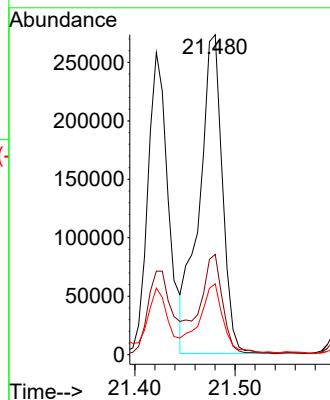
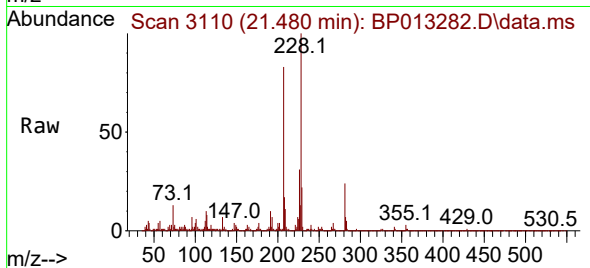
Tgt Ion:228 Resp: 441274

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 22.1 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 3.515 ng/ul

RT: 23.163 min Scan# 3396

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

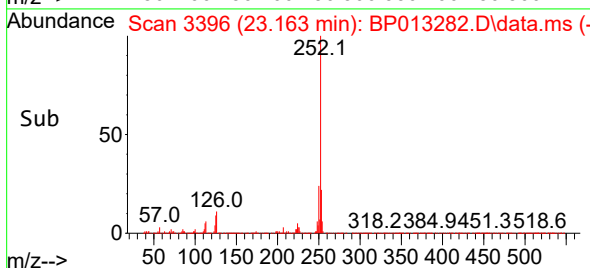
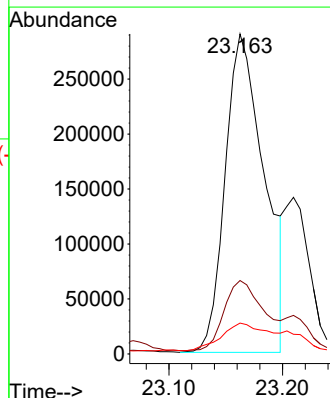
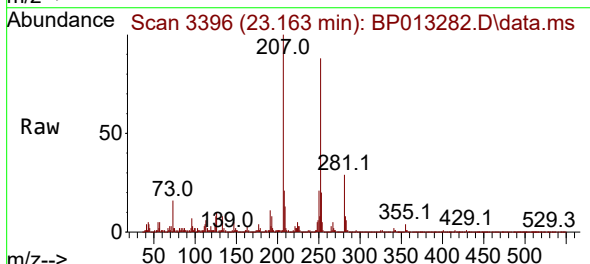
Tgt Ion:252 Resp: 693122

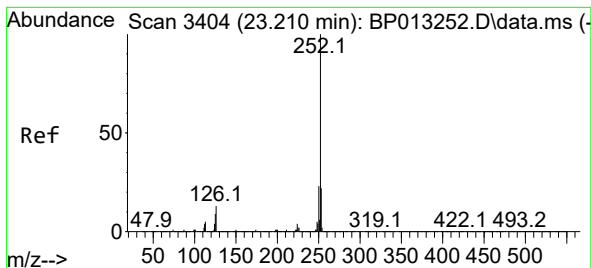
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 9.6 6.8 10.2





#91

Benzo(k)fluoranthene

Concen: 3.545 ng/ul

RT: 23.163 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

DBYK2

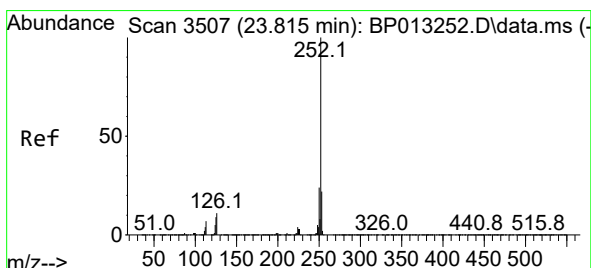
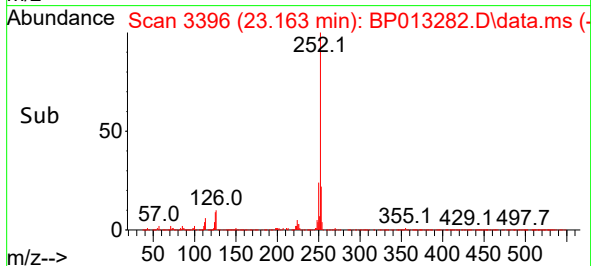
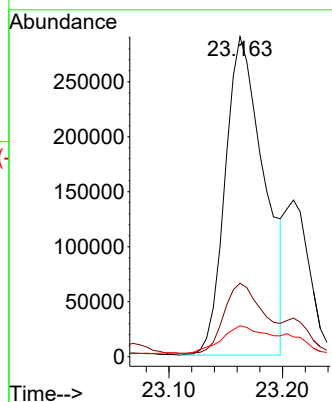
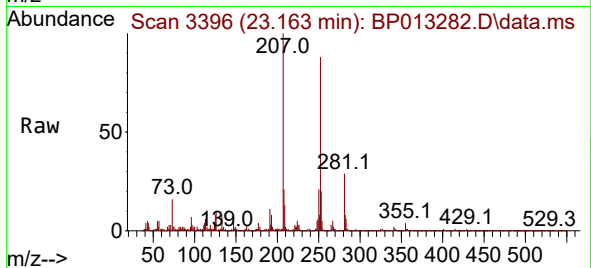
Tgt Ion:252 Resp: 693122

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 9.6 6.8 10.2



#93

Benzo(a)pyrene

Concen: 2.498 ng/ul

RT: 23.815 min Scan# 3507

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

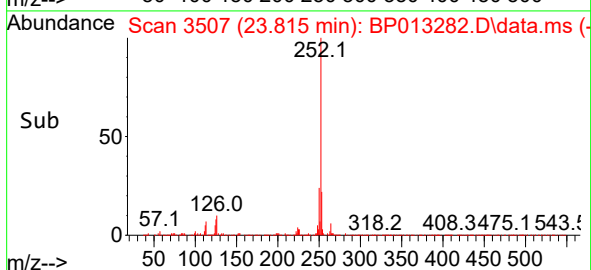
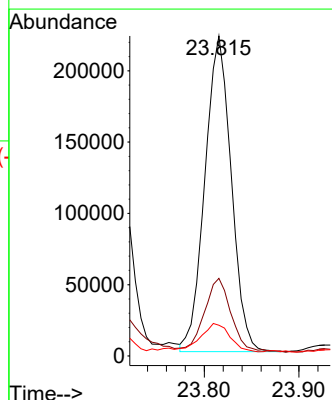
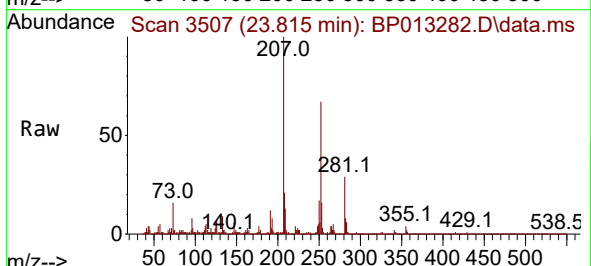
Tgt Ion:252 Resp: 428904

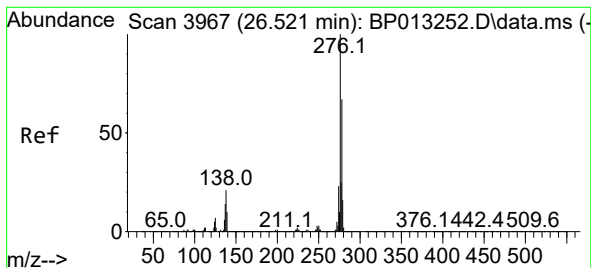
Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 9.6 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.552 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. 0.006 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Instrument :

BNA_P

ClientSampleId :

DBYK2

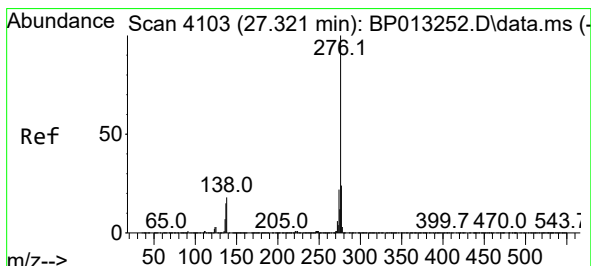
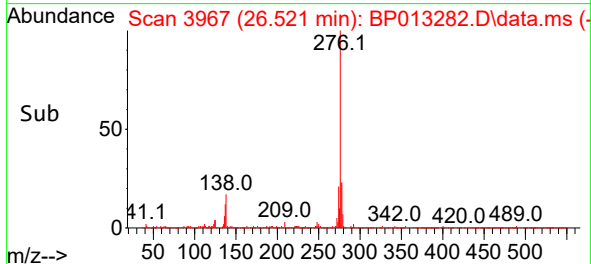
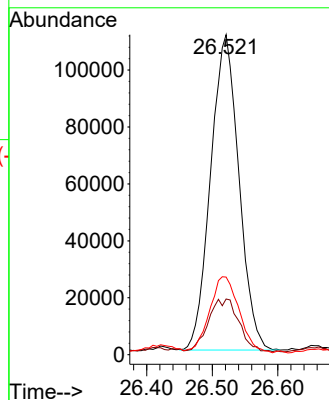
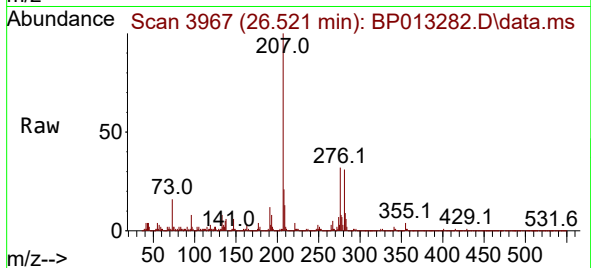
Tgt Ion:276 Resp: 331908

Ion Ratio Lower Upper

276 100

138 17.4 17.1 25.7

277 24.3 20.0 30.0



#96

Benzo(g,h,i)perylene

Concen: 1.904 ng/ul

RT: 27.321 min Scan# 4103

Delta R.T. 0.012 min

Lab File: BP013282.D

Acq: 23 Dec 2022 16:35

Tgt Ion:276 Resp: 326996

Ion Ratio Lower Upper

276 100

138 20.5 15.4 23.2

277 24.5 19.1 28.7

