

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016702.D
 Acq On : 22 Aug 2023 14:00
 Operator : MA/JU
 Sample : 04081-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Aug 23 00:44:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

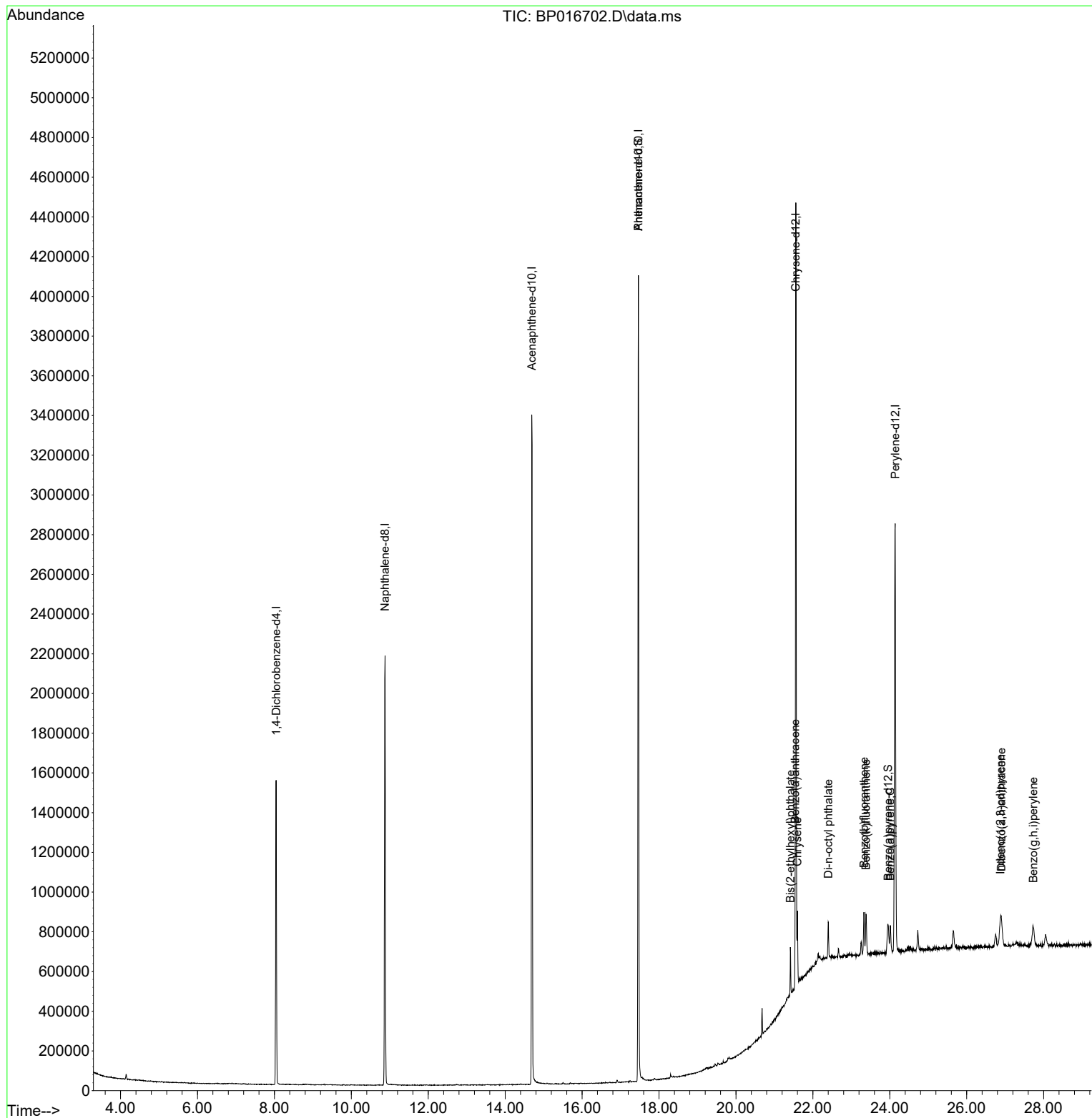
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	397585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1710528	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.692	164	1079886	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	2319610	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1718051	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1651883	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	241	0.023	ng/uL	0.00
4) Pyridine-d5	3.828	84	1197	0.038	ng/u1	0.00
7) Phenol-d5	7.187	99	346	0.009	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	369	0.015	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	389	0.015	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	293	0.010	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	186	0.015	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.963	143	69	0.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	147	0.007	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.040	131	313	0.008	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1231	0.016	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1765	0.020	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.881	143	19	0.001	ng/u1	-0.02
60) Fluorene-d10	15.686	176	1870	0.028	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.816	200	282	0.026	ng/u1	0.00
73) Anthracene-d10	17.463	188	2319610	23.119	ng/u1	-0.11
81) Pyrene-d10	19.792	212	6281	0.070	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	90929	1.149	ng/u1	-0.02
Target Compounds						
					Qvalue	
85) Benzo(a)anthracene	21.539	228	121748	1.054	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	73657	1.110	ng/u1	96
87) Chrysene	21.598	228	166310	1.539	ng/u1	98
89) Di-n-octyl phthalate	22.404	149	119849	1.163	ng/u1	100
90) Benzo(b)fluoranthene	23.327	252	143091	1.455	ng/u1	97
91) Benzo(k)fluoranthene	23.380	252	146163	1.498	ng/u1	96
93) Benzo(a)pyrene	24.015	252	101095	1.090	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.874	276	162903	1.488	ng/u1	97
95) Dibenzo(a,h)anthracene	26.898	278	137279	1.506	ng/u1	98
96) Benzo(g,h,i)perylene	27.733	276	138706	1.592	ng/u1	96

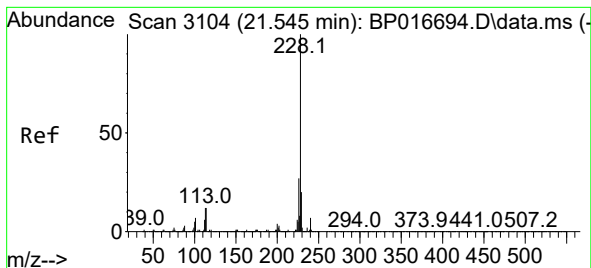
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#85

Benzo(a)anthracene

Concen: 1.054 ng/ul

RT: 21.539 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

Instrument :

BNA_P

ClientSampleId :

SVOC-GPC-BLANK

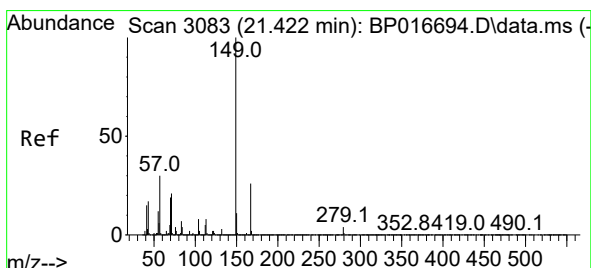
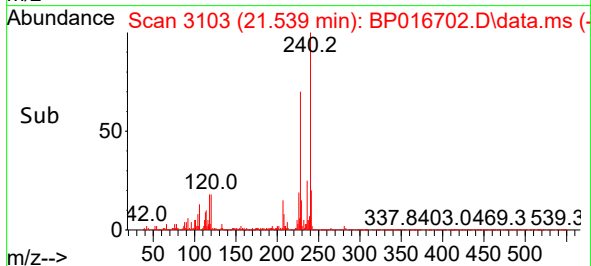
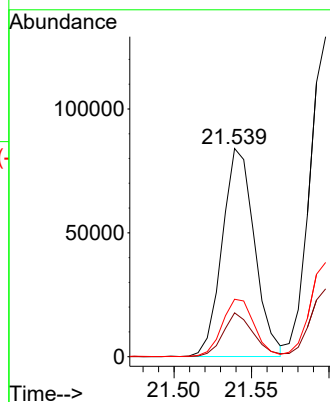
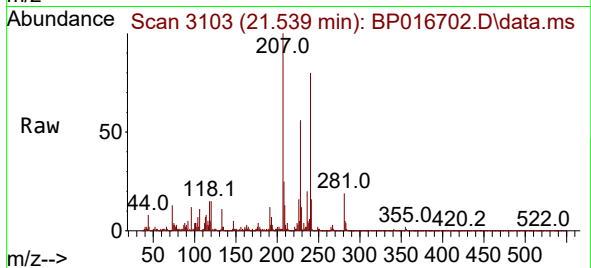
Tgt Ion:228 Resp: 121748

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 27.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.110 ng/ul

RT: 21.416 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

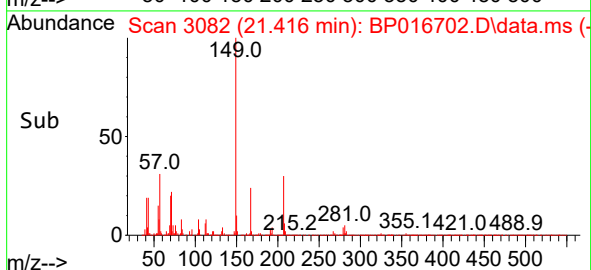
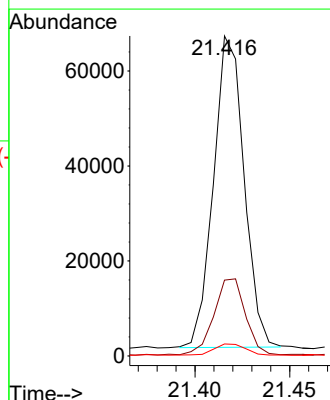
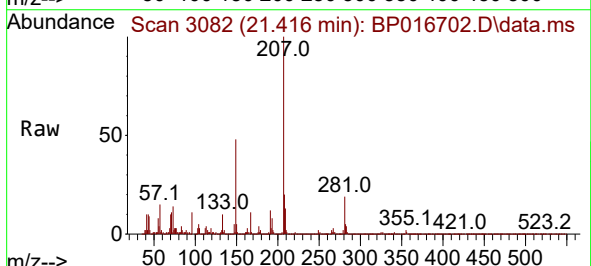
Tgt Ion:149 Resp: 73657

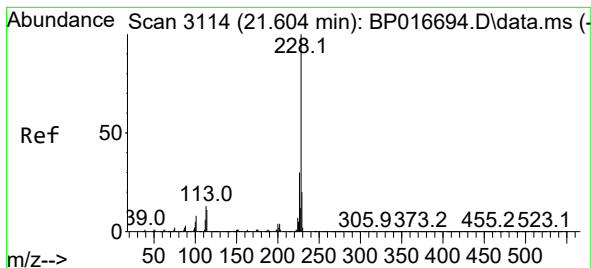
Ion Ratio Lower Upper

149 100

167 23.7 20.9 31.3

279 3.7 2.6 4.0





#87

Chrysene

Concen: 1.539 ng/ul

RT: 21.598 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

Instrument :

BNA_P

ClientSampleId :

SVOC-GPC-BLANK

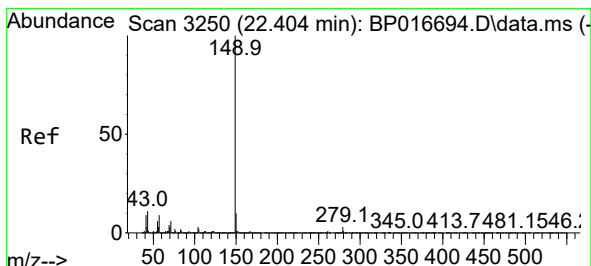
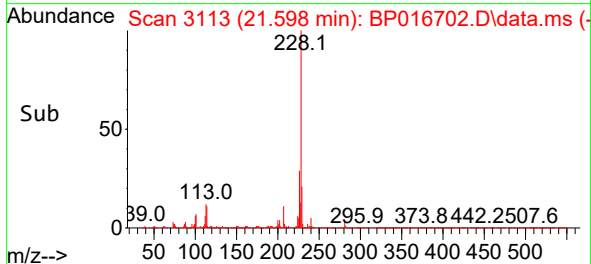
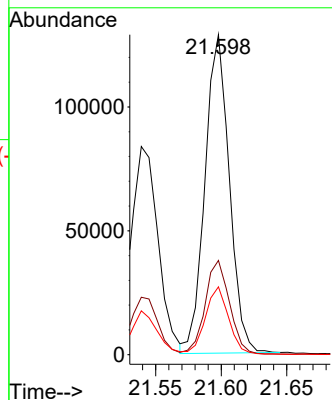
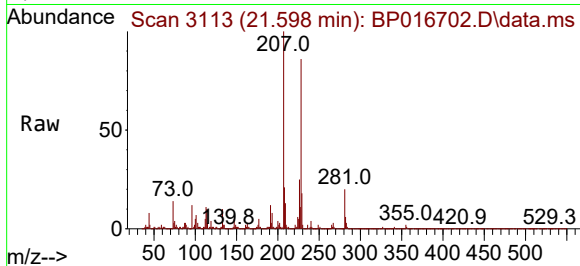
Tgt Ion:228 Resp: 166310

Ion Ratio Lower Upper

228 100

226 29.5 24.6 36.8

229 21.2 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 1.163 ng/ul

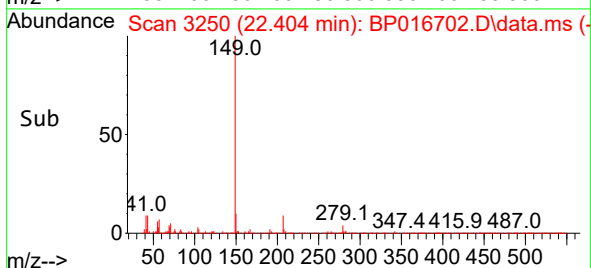
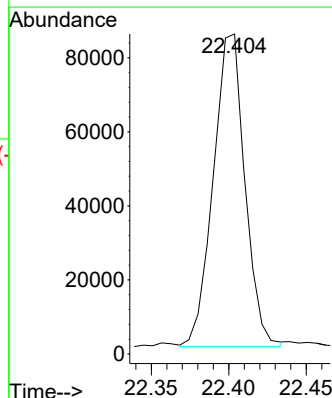
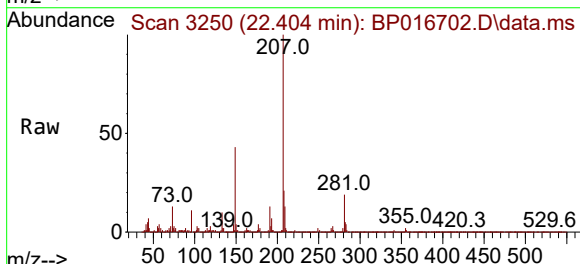
RT: 22.404 min Scan# 3250

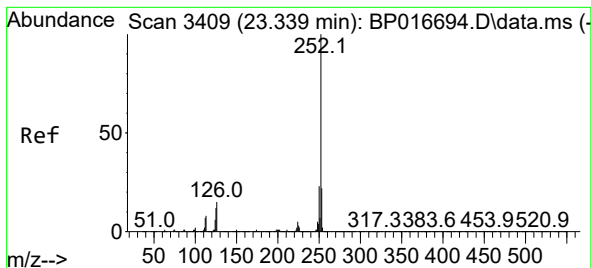
Delta R.T. -0.006 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

Tgt Ion:149 Resp: 119849





#90

Benzo(b)fluoranthene

Concen: 1.455 ng/ul

RT: 23.327 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

Instrument :

BNA_P

ClientSampleId :

SVOC-GPC-BLANK

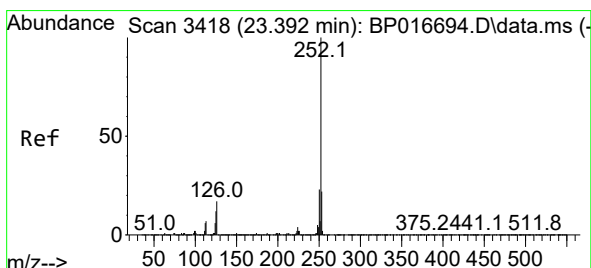
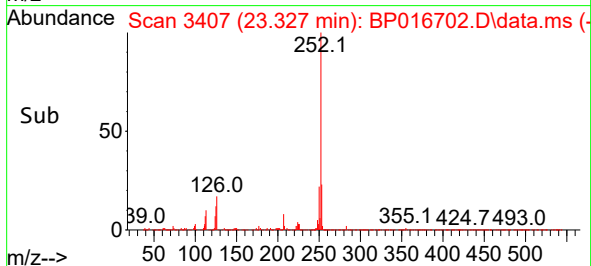
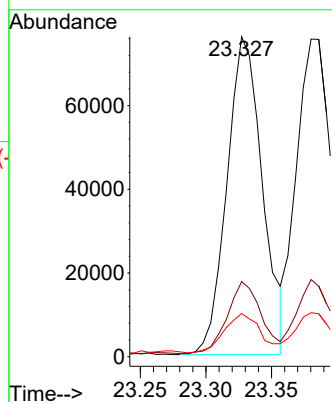
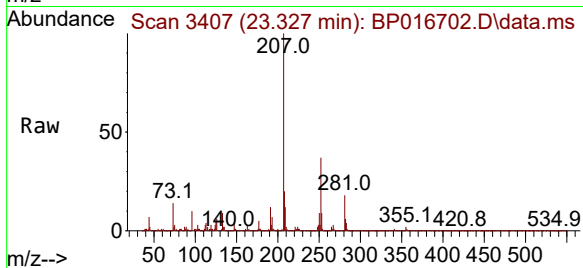
Tgt Ion:252 Resp: 143091

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 13.5 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 1.498 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

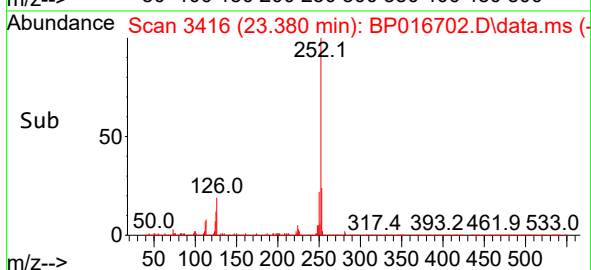
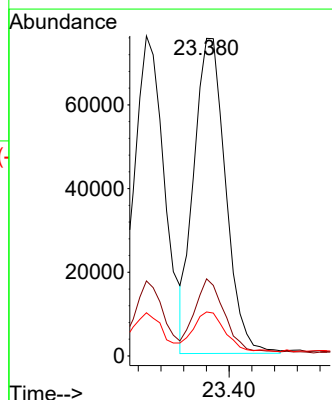
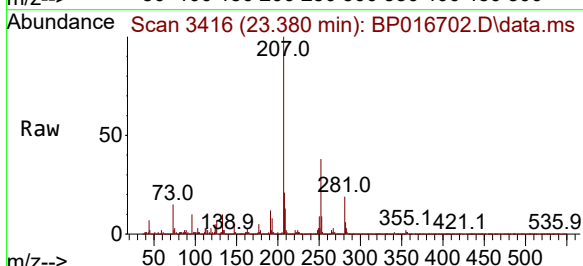
Tgt Ion:252 Resp: 146163

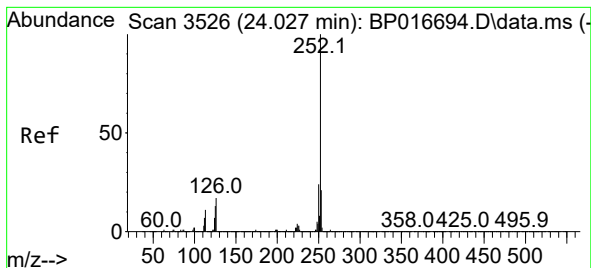
Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

125 13.9 9.8 14.8





#93

Benzo(a)pyrene

Concen: 1.090 ng/ul

RT: 24.015 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

Instrument :

BNA_P

ClientSampleId :

SVOC-GPC-BLANK

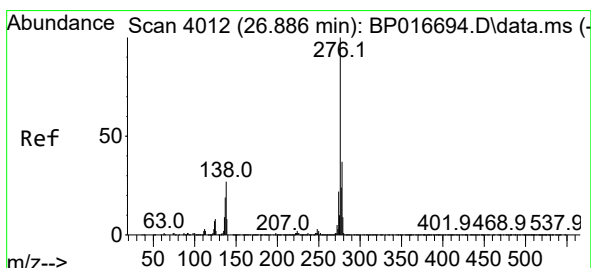
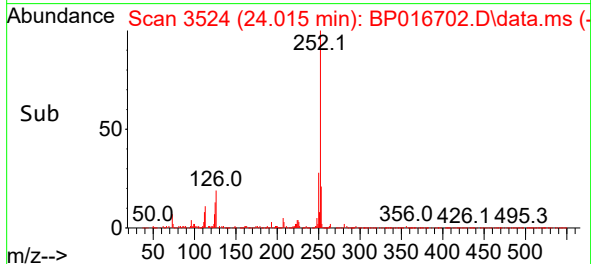
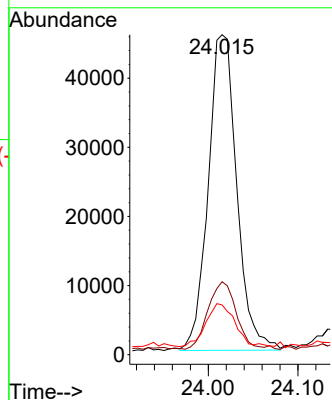
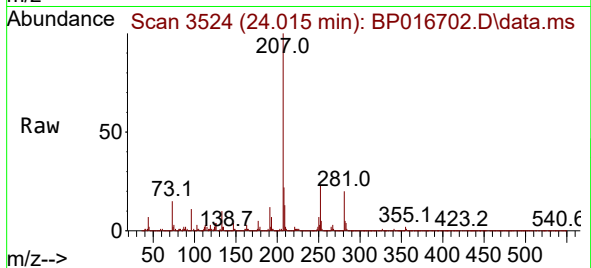
Tgt Ion:252 Resp: 101095

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 15.5 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.488 ng/ul

RT: 26.874 min Scan# 4010

Delta R.T. -0.012 min

Lab File: BP016702.D

Acq: 22 Aug 2023 14:00

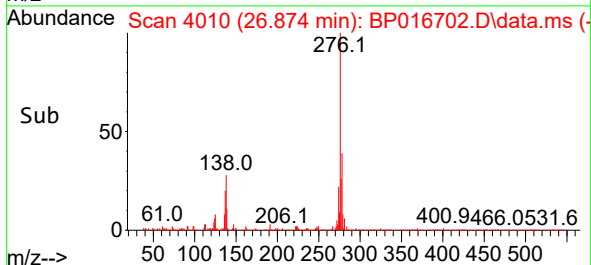
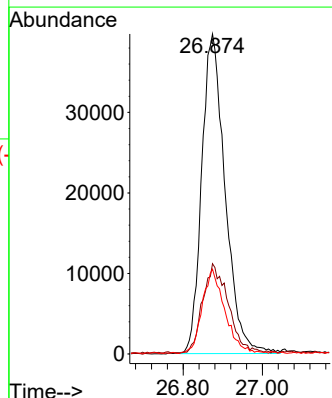
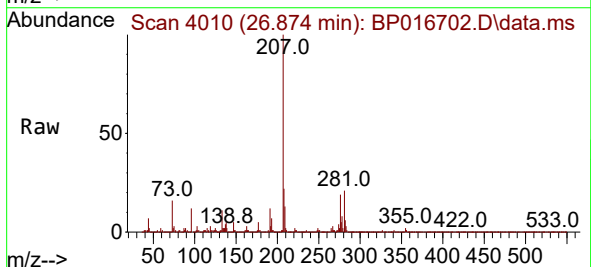
Tgt Ion:276 Resp: 162903

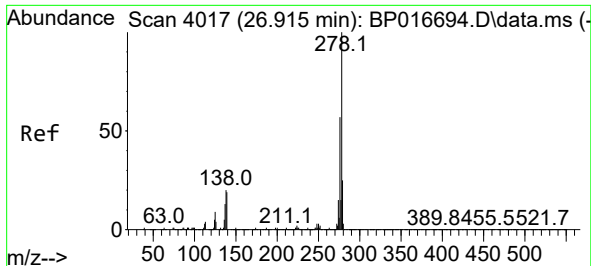
Ion Ratio Lower Upper

276 100

138 28.2 21.7 32.5

277 26.5 19.5 29.3

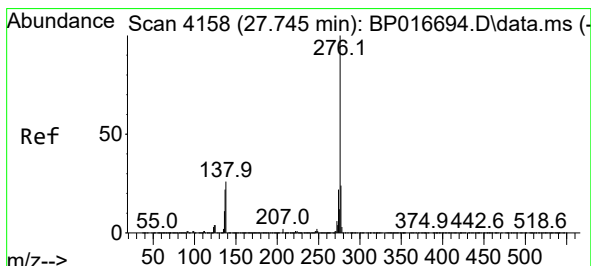
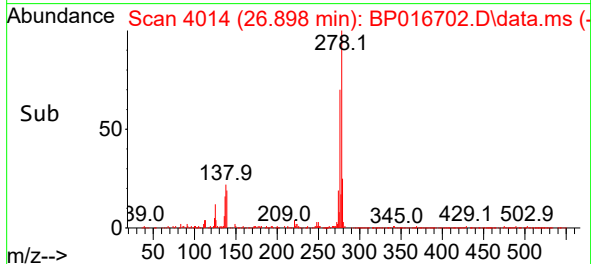
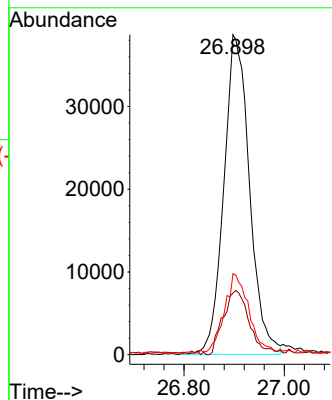
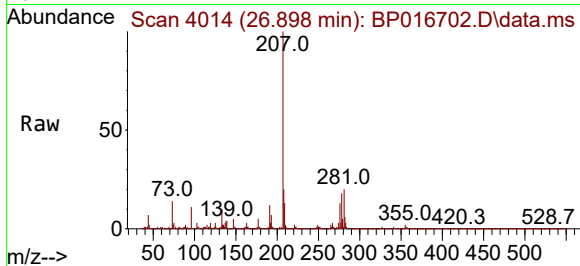




#95
Dibenzo(a,h)anthracene
Concen: 1.506 ng/ul
RT: 26.898 min Scan# 4017
Delta R.T. -0.018 min
Lab File: BP016702.D
Acq: 22 Aug 2023 14:00

Instrument :
BNA_P
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:278 Resp: 137279
Ion Ratio Lower Upper
278 100
139 19.3 15.5 23.3
279 25.3 19.1 28.7



#96
Benzo(g,h,i)perylene
Concen: 1.592 ng/ul
RT: 27.733 min Scan# 4156
Delta R.T. -0.012 min
Lab File: BP016702.D
Acq: 22 Aug 2023 14:00

Tgt Ion:276 Resp: 138706
Ion Ratio Lower Upper
276 100
138 24.6 21.5 32.3
277 21.9 19.3 28.9

