

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016708.D
 Acq On : 22 Aug 2023 17:43
 Operator : MA/JU
 Sample : 04034-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN6

Quant Time: Aug 23 00:46:02 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)

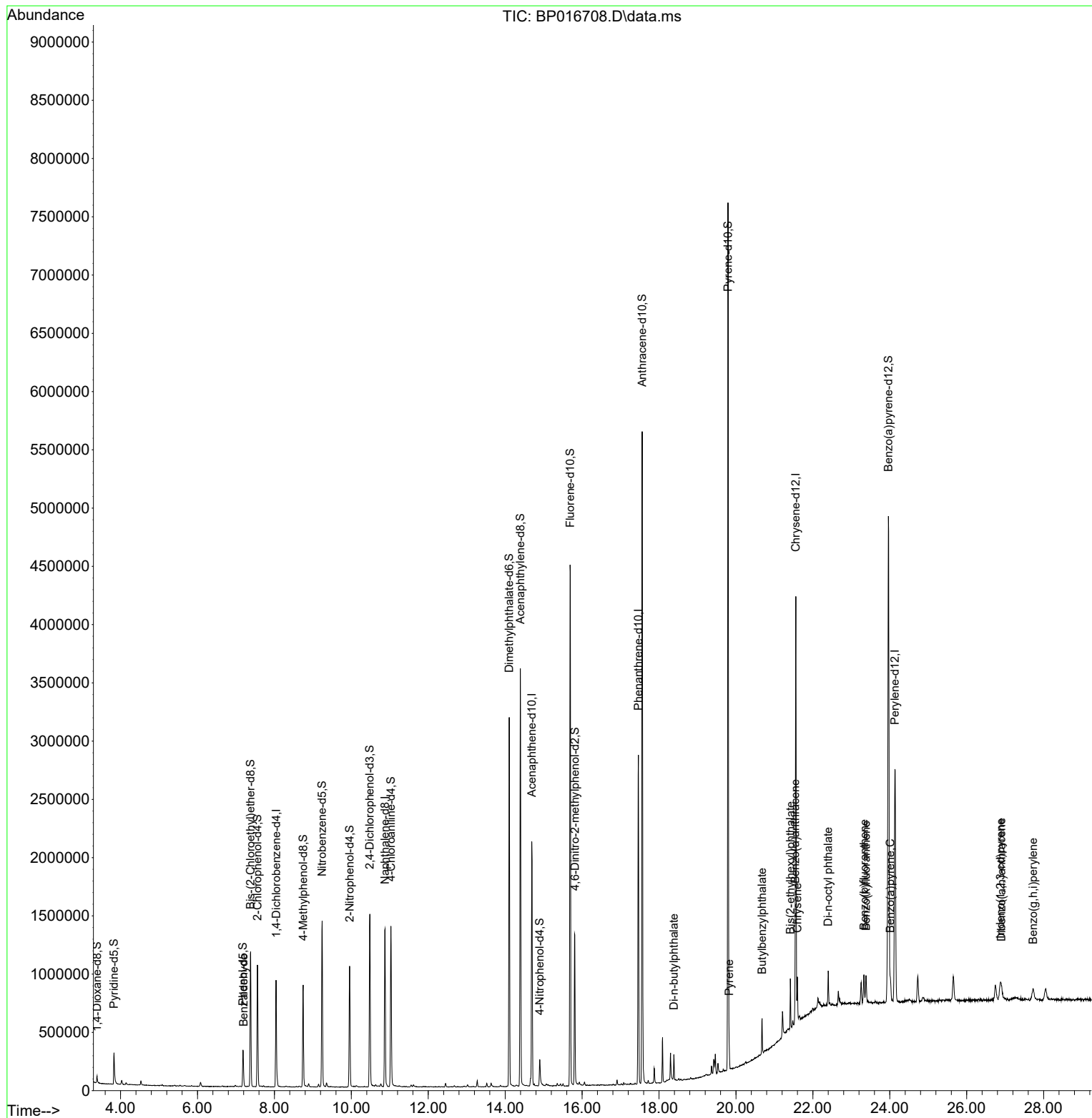
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	234994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1063937	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.692	164	674894	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	1549320	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1560277	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1558250	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	31634	5.115	ng/uL	0.00
4) Pyridine-d5	3.828	84	162464	8.635	ng/u1	0.00
7) Phenol-d5	7.181	99	170081	7.851	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	530073	37.148	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.558	132	446406	28.688	ng/u1	-0.01
15) 4-Methylphenol-d8	8.746	113	309884	17.989	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	309189	41.301	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.957	143	302976	42.611	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	494626	35.349	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	682428	28.425	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1882539	38.565	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2162205	39.243	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	58270	5.860	ng/u1	0.00
60) Fluorene-d10	15.692	176	1674784	40.245	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	224363	30.440	ng/u1	0.00
73) Anthracene-d10	17.563	188	2889133	43.111	ng/u1	0.00
81) Pyrene-d10	19.792	212	3409401	41.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	3071585	41.131	ng/u1	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.199	77	14184	1.188	ng/u1	93
78) Di-n-butylphthalate	18.386	149	134065	1.533	ng/u1	99
82) Pyrene	19.822	202	109707	1.065	ng/u1	99
83) Butylbenzylphthalate	20.680	149	79087	1.905	ng/u1	94
85) Benzo(a)anthracene	21.539	228	183962	1.754	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	126927	2.107	ng/u1	98
87) Chrysene	21.598	228	185464	1.890	ng/u1	97
89) Di-n-octyl phthalate	22.398	149	192223	1.977	ng/u1	100
90) Benzo(b)fluoranthene	23.327	252	175033	1.886	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	166680	1.811	ng/u1	97
93) Benzo(a)pyrene	24.015	252	146656	1.676	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.874	276	156392	1.514	ng/u1	99
95) Dibenzo(a,h)anthracene	26.904	278	131949	1.535	ng/u1	97
96) Benzo(g,h,i)perylene	27.727	276	124831	1.518	ng/u1	97

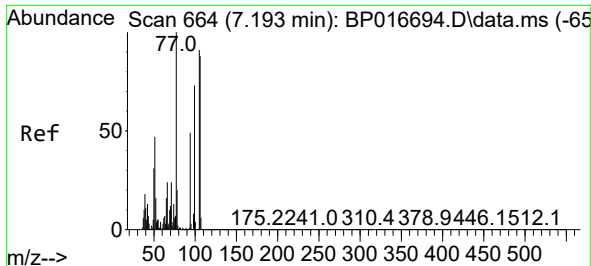
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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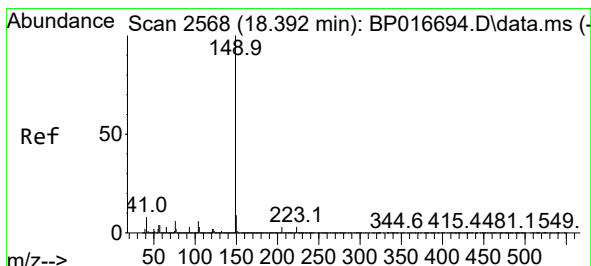
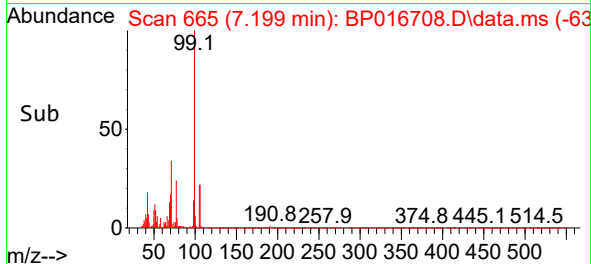
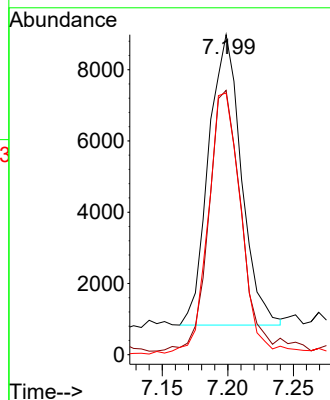
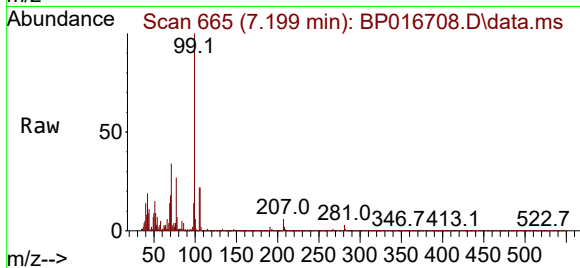




#6
Benzaldehyde
Concen: 1.188 ng/ul
RT: 7.199 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016708.D
Acq: 22 Aug 2023 17:43

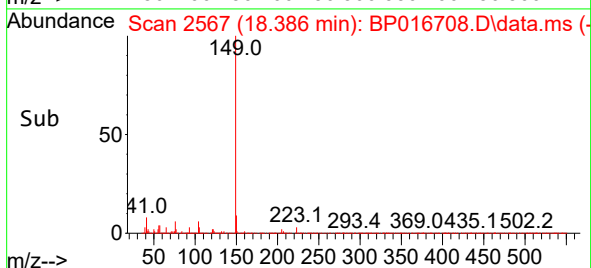
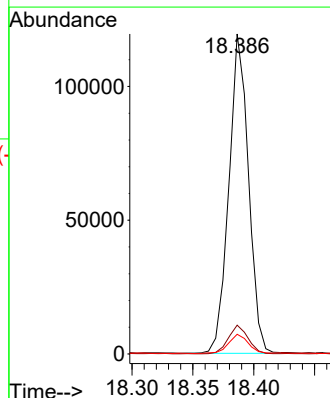
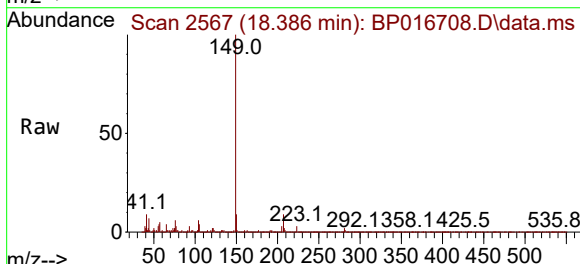
Instrument :
BNA_P
ClientSampleId :
EZYNG

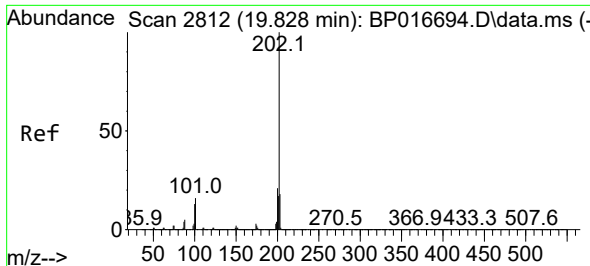
Tgt Ion: 77 Resp: 14184
Ion Ratio Lower Upper
77 100
105 82.6 71.8 107.6
106 81.8 70.2 105.2



#78
Di-n-butylphthalate
Concen: 1.533 ng/ul
RT: 18.386 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BP016708.D
Acq: 22 Aug 2023 17:43

Tgt Ion: 149 Resp: 134065
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 6.2 4.6 6.8

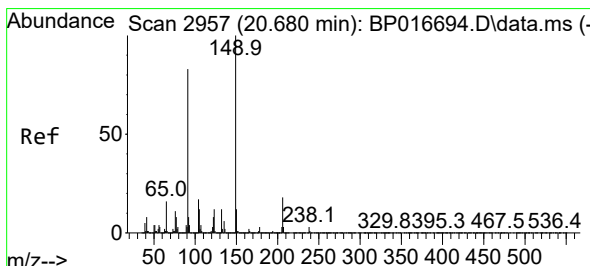
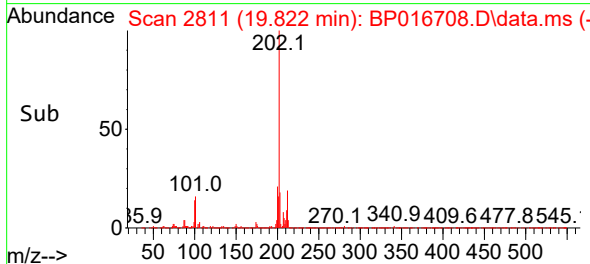
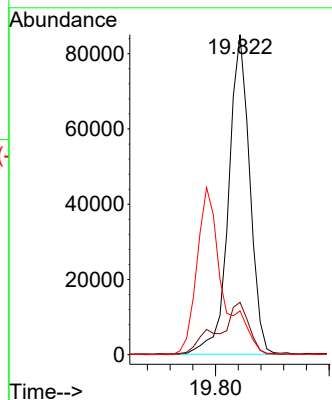
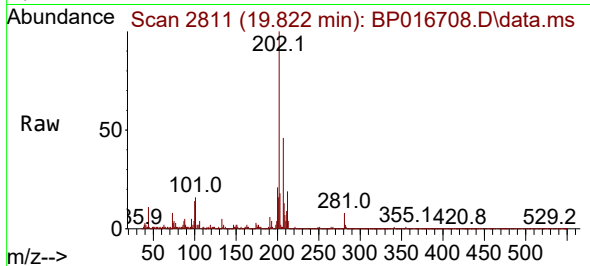




#82
 Pyrene
 Concen: 1.065 ng/ul
 RT: 19.822 min Scan# 2811
 Delta R.T. -0.006 min
 Lab File: BP016708.D
 Acq: 22 Aug 2023 17:43

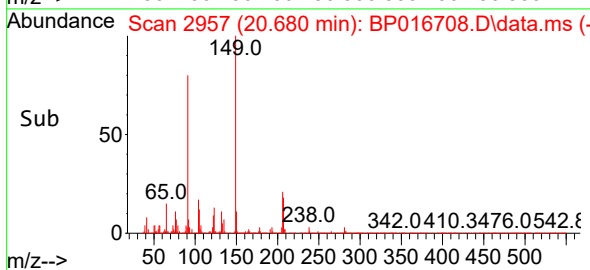
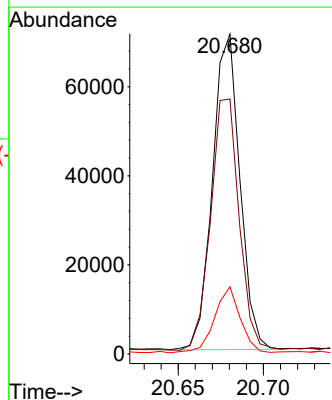
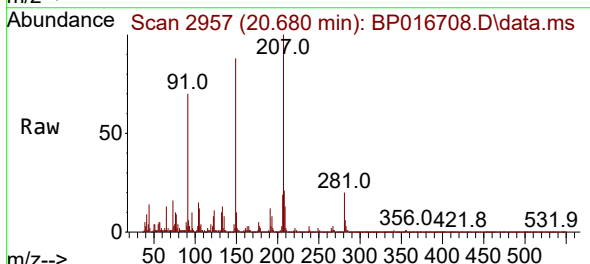
Instrument :
 BNA_P
 ClientSampleId :
 EZYN6

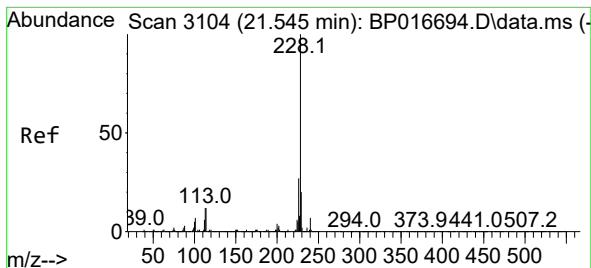
Tgt Ion:202 Resp: 109707
 Ion Ratio Lower Upper
 202 100
 101 16.3 13.4 20.2
 100 13.7 11.0 16.4



#83
 Butylbenzylphthalate
 Concen: 1.905 ng/ul
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BP016708.D
 Acq: 22 Aug 2023 17:43

Tgt Ion:149 Resp: 79087
 Ion Ratio Lower Upper
 149 100
 91 79.7 67.8 101.6
 206 21.0 14.4 21.6





#85

Benzo(a)anthracene

Concen: 1.754 ng/ul

RT: 21.539 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

Instrument :

BNA_P

ClientSampleId :

EZYN6

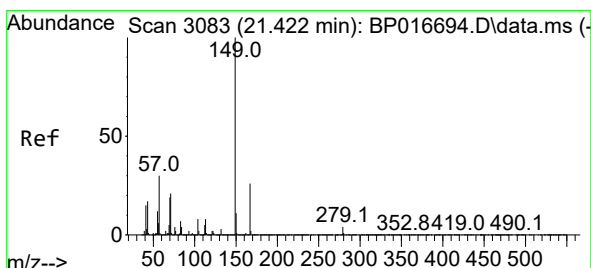
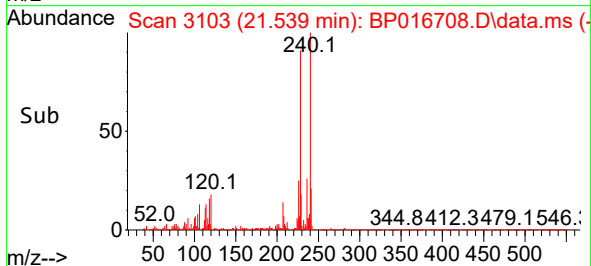
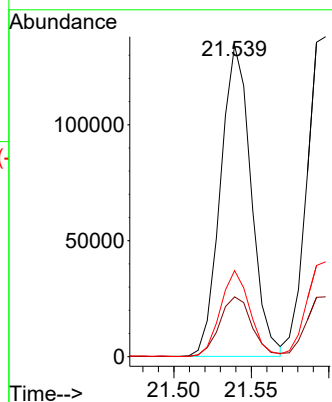
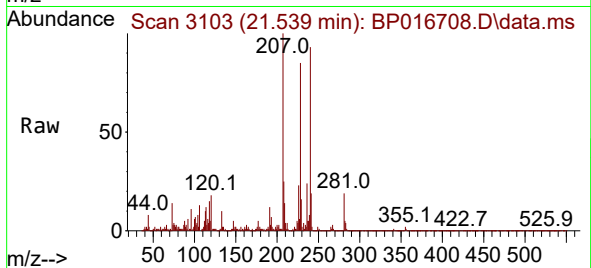
Tgt Ion:228 Resp: 183962

Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.6

226 27.7 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.107 ng/ul

RT: 21.416 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

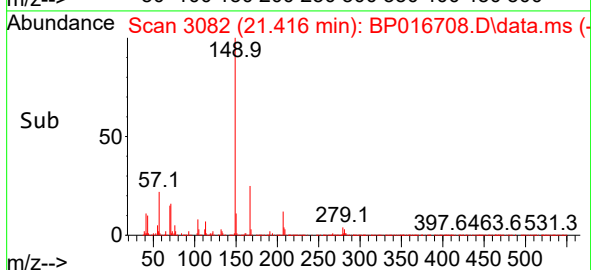
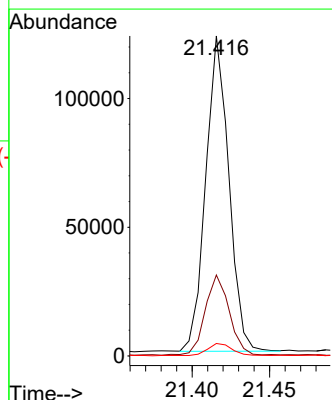
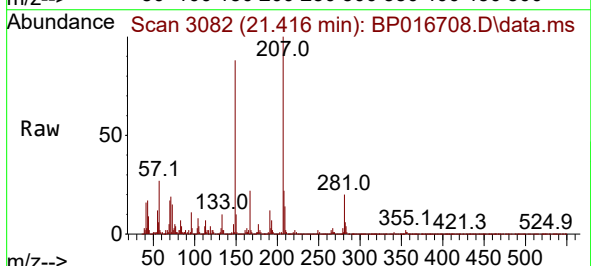
Tgt Ion:149 Resp: 126927

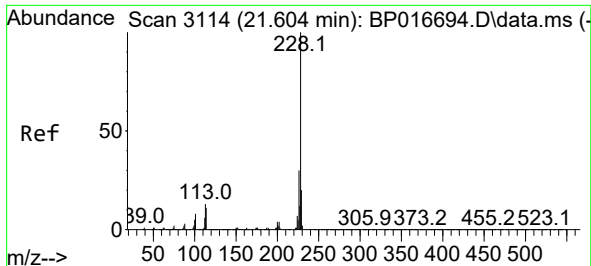
Ion Ratio Lower Upper

149 100

167 25.3 20.9 31.3

279 3.9 2.6 4.0

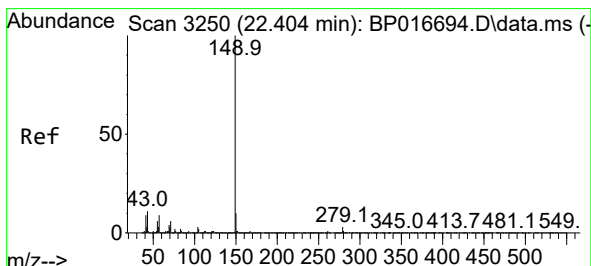
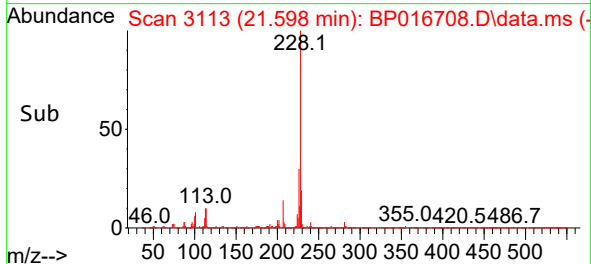
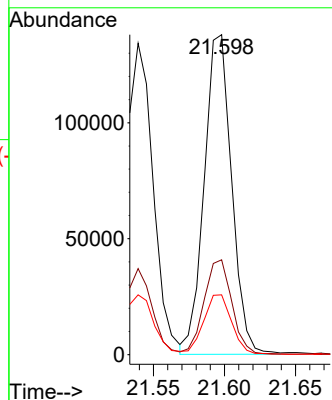
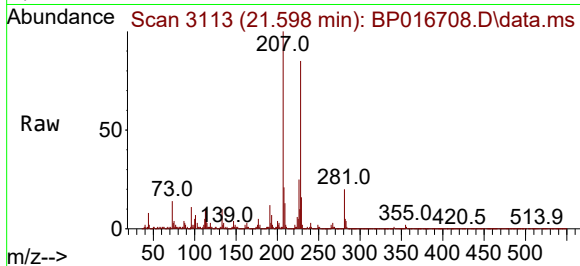




#87
Chrysene
Concen: 1.890 ng/ul
RT: 21.598 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP016708.D
Acq: 22 Aug 2023 17:43

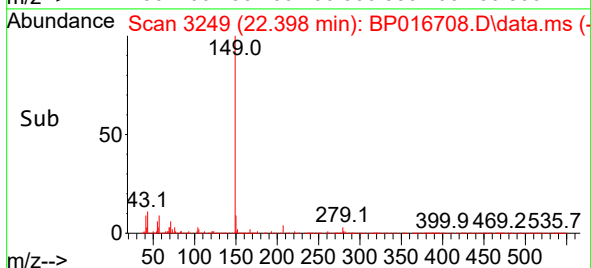
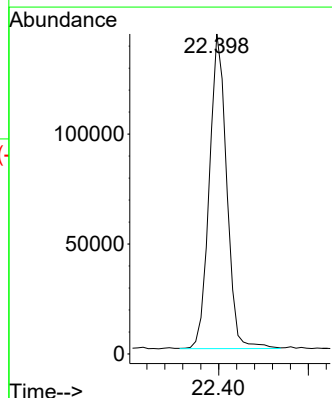
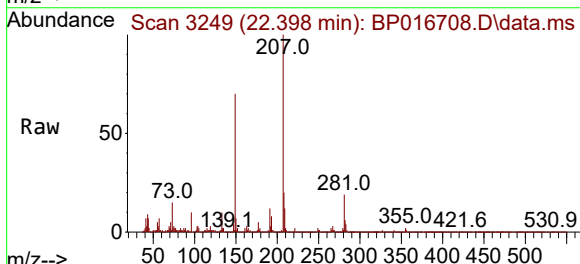
Instrument :
BNA_P
ClientSampleId :
EZYNG

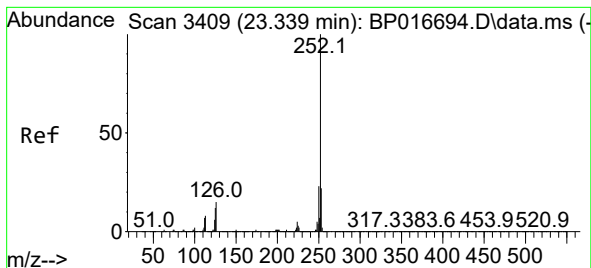
Tgt Ion:228 Resp: 185464
Ion Ratio Lower Upper
228 100
226 29.6 24.6 36.8
229 18.7 16.4 24.6



#89
Di-n-octyl phthalate
Concen: 1.977 ng/ul
RT: 22.398 min Scan# 3249
Delta R.T. -0.012 min
Lab File: BP016708.D
Acq: 22 Aug 2023 17:43

Tgt Ion:149 Resp: 192223





#90

Benzo(b)fluoranthene

Concen: 1.886 ng/ul

RT: 23.327 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

Instrument :

BNA_P

ClientSampleId :

EZYN6

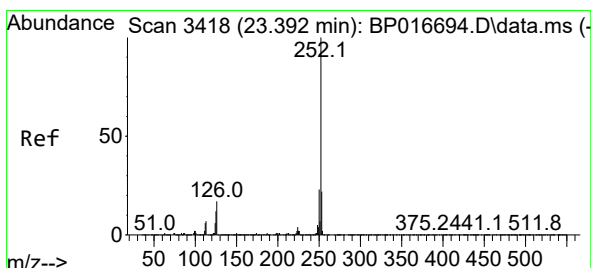
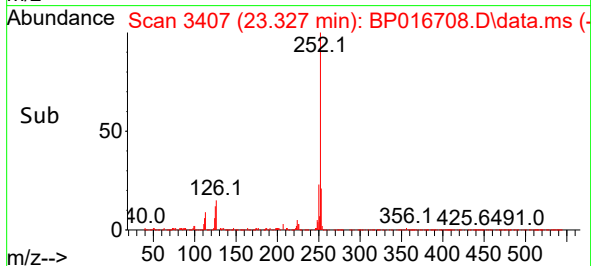
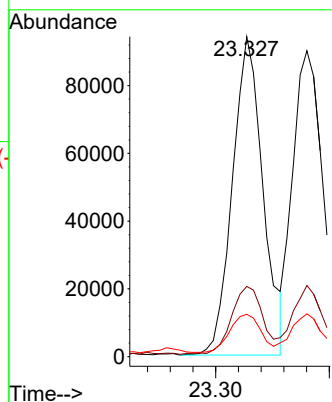
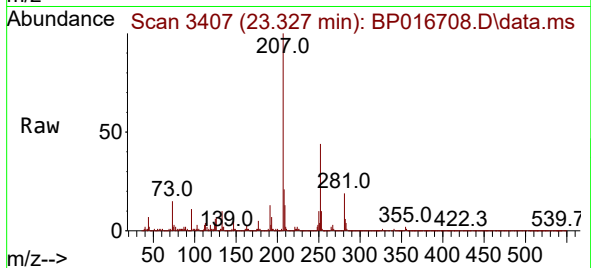
Tgt Ion:252 Resp: 175033

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 13.3 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 1.811 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

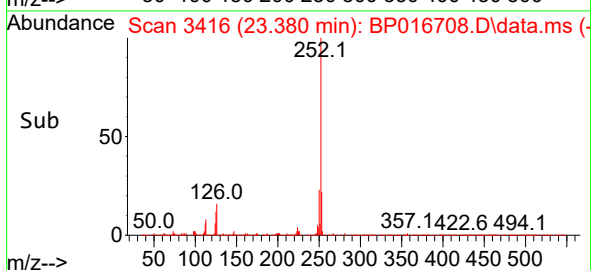
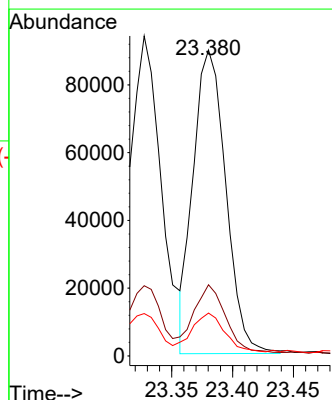
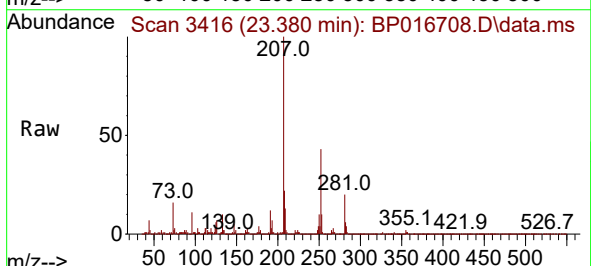
Tgt Ion:252 Resp: 166680

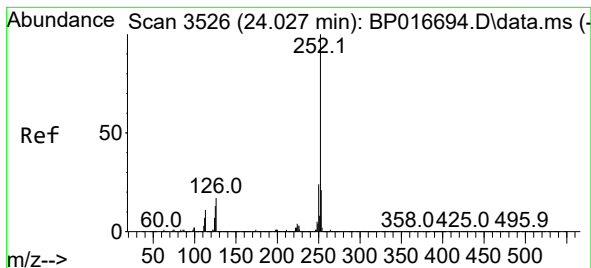
Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

125 14.0 9.8 14.8





#93

Benzo(a)pyrene

Concen: 1.676 ng/ul

RT: 24.015 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

Instrument :

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ClientSampleId :

EZYN6

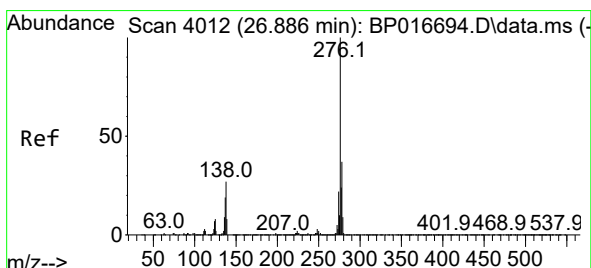
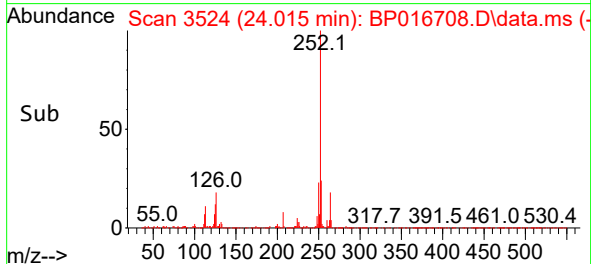
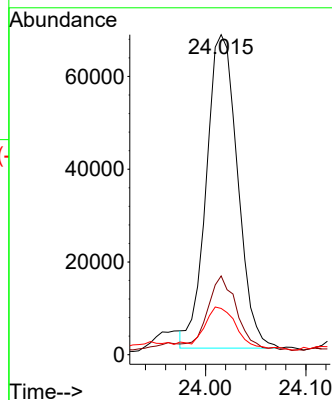
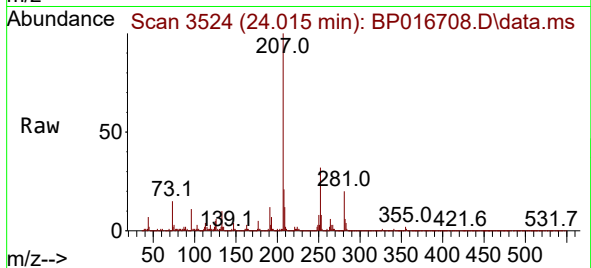
Tgt Ion:252 Resp: 146656

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 14.5 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.514 ng/ul

RT: 26.874 min Scan# 4010

Delta R.T. -0.012 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

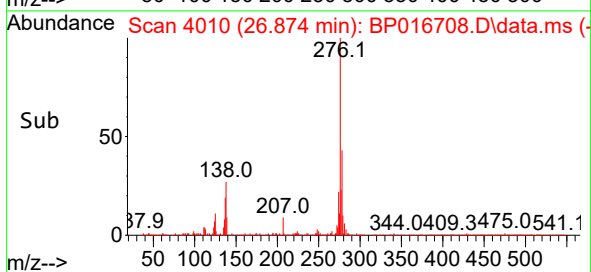
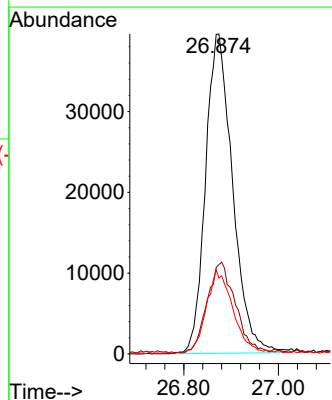
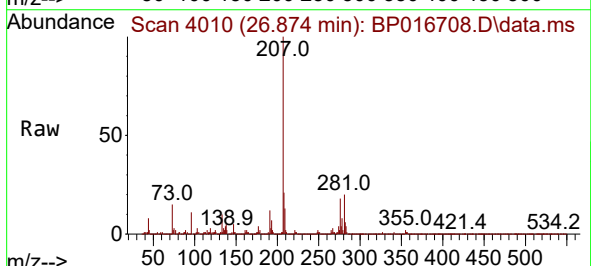
Tgt Ion:276 Resp: 156392

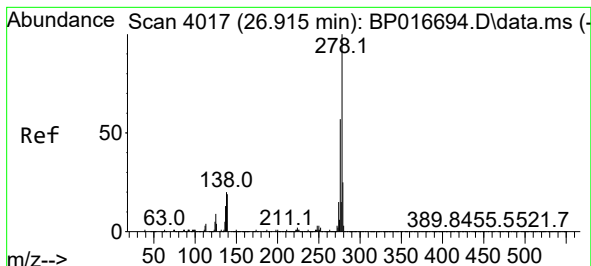
Ion Ratio Lower Upper

276 100

138 27.9 21.7 32.5

277 23.8 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 1.535 ng/ul

RT: 26.904 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

Instrument :

BNA_P

ClientSampleId :

EZYN6

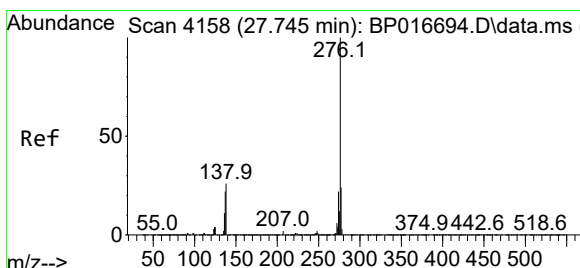
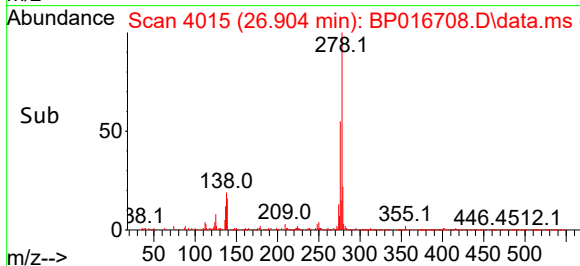
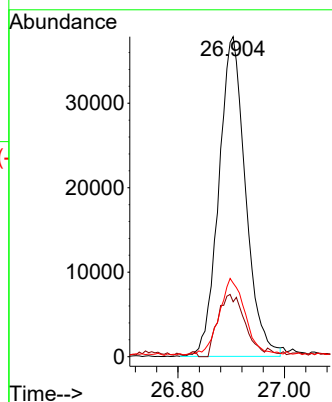
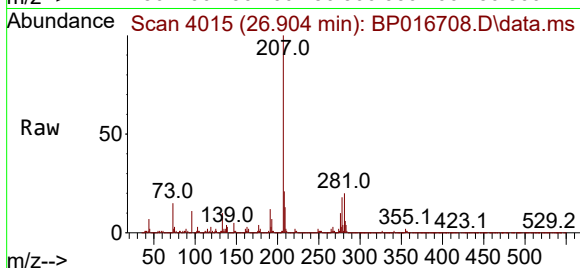
Tgt Ion:278 Resp: 131949

Ion Ratio Lower Upper

278 100

139 17.1 15.5 23.3

279 23.0 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 1.518 ng/ul

RT: 27.727 min Scan# 4155

Delta R.T. -0.018 min

Lab File: BP016708.D

Acq: 22 Aug 2023 17:43

Tgt Ion:276 Resp: 124831

Ion Ratio Lower Upper

276 100

138 25.2 21.5 32.3

277 23.0 19.3 28.9

