

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014949.D
 Acq On : 04 May 2023 13:20
 Operator : CG/JU
 Sample : 02447-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW934

Quant Time: May 04 22:42:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

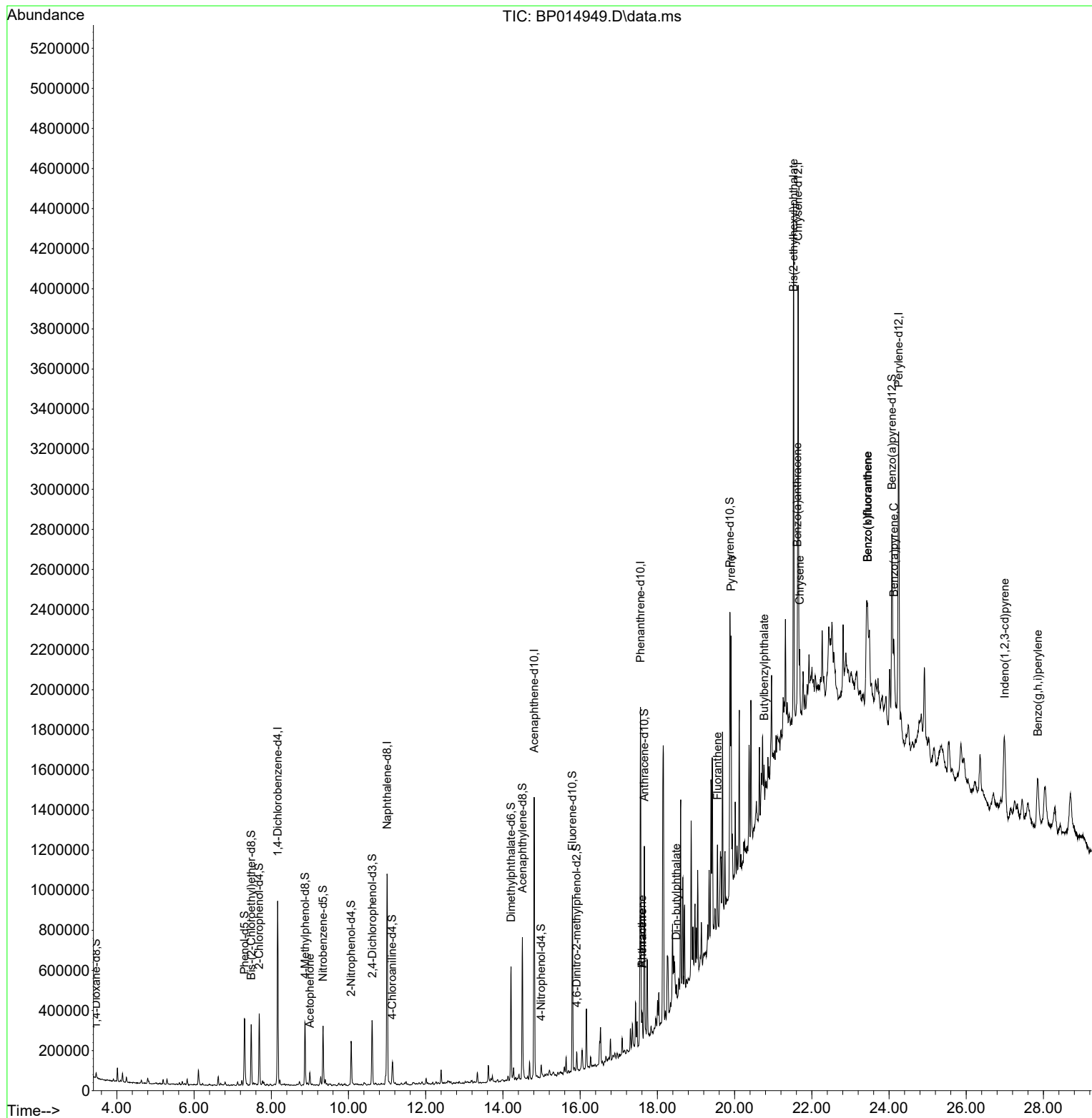
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	249663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	884791	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	461826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	976565	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	998103	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1219267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	13178	1.963	ng/uL	0.00
4) Pyridine-d5	3.905	84	343	0.019	ng/ul	0.00
7) Phenol-d5	7.310	99	194588	8.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	128222	9.584	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	161194	10.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	125019	7.495	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	69458	11.038	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	71972	11.138	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	123504	9.734	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	57473	3.132	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	371491	11.366	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	452786	11.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	17530	3.083	ng/ul	0.00
60) Fluorene-d10	15.798	176	334368	11.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	17756	3.230	ng/ul	0.00
73) Anthracene-d10	17.663	188	539314	12.291	ng/ul	0.00
81) Pyrene-d10	19.880	212	697017	10.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	757921	12.758	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	34099	1.250	ng/ul	97
72) Phenanthrene	17.604	178	84836	1.572	ng/ul	96
74) Anthracene	17.604	178	85302	1.588	ng/ul	96
78) Di-n-butylphthalate	18.492	149	56985	1.128	ng/ul#	97
80) Fluoranthene	19.557	202	229985	2.784	ng/ul	99
82) Pyrene	19.910	202	254343	2.906	ng/ul	100
83) Butylbenzylphthalate	20.763	149	52401	1.994	ng/ul	91
85) Benzo(a)anthracene	21.627	228	177786	2.669	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.527	149	958683	28.997	ng/ul#	99
87) Chrysene	21.686	228	192211	2.865	ng/ul#	94
90) Benzo(b)fluoranthene	23.445	252	397018	5.038	ng/ul#	89
91) Benzo(k)fluoranthene	23.445	252	397018	4.951	ng/ul#	90
93) Benzo(a)pyrene	24.127	252	238581	3.452	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.998	276	280224	3.324	ng/ul	96
96) Benzo(g,h,i)perylene	27.856	276	348333	4.855	ng/ul	100

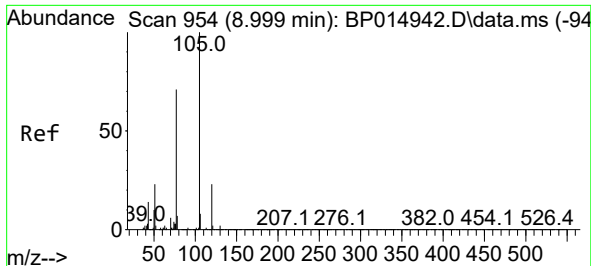
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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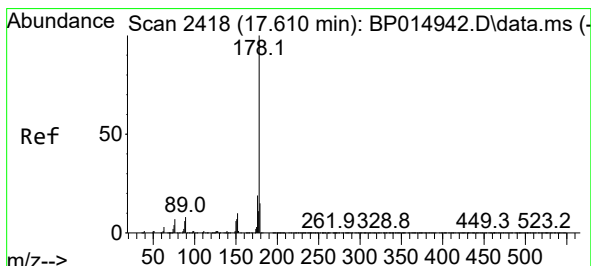
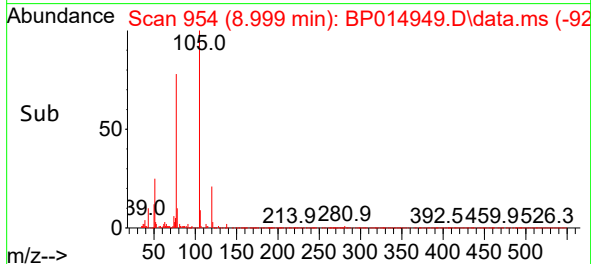
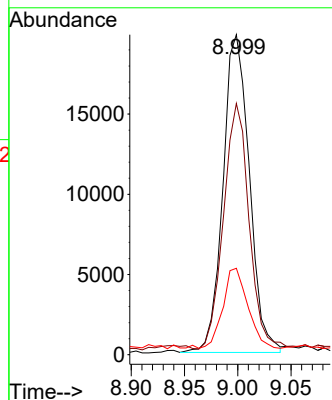
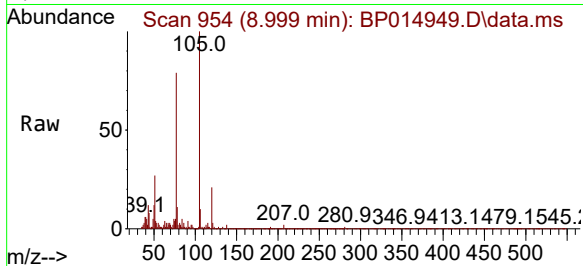




#16
Acetophenone
Concen: 1.250 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

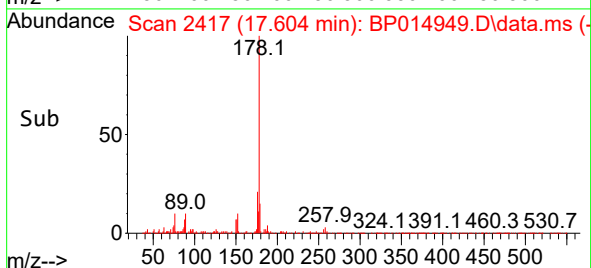
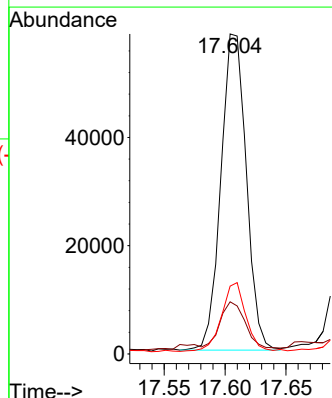
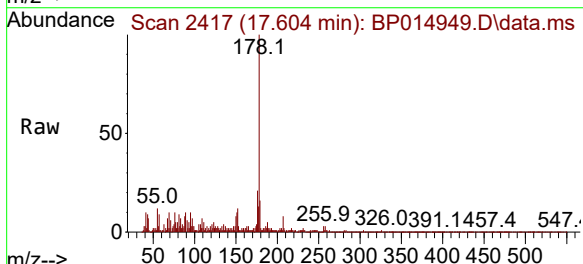
Instrument :
BNA_P
ClientSampleId :
EW934

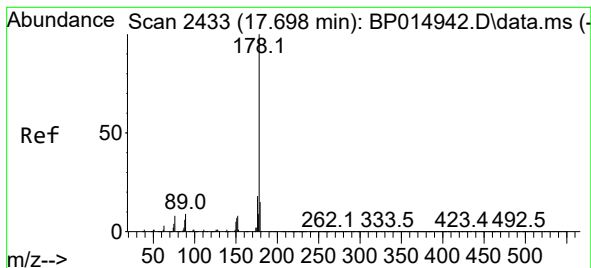
Tgt Ion:105 Resp: 34099
Ion Ratio Lower Upper
105 100
77 78.5 61.2 91.8
51 27.0 19.4 29.2



#72
Phenanthrene
Concen: 1.572 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

Tgt Ion:178 Resp: 84836
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 21.2 15.4 23.0





#74

Anthracene

Concen: 1.588 ng/ul

RT: 17.604 min Scan# 24

Delta R.T. -0.094 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

EW934

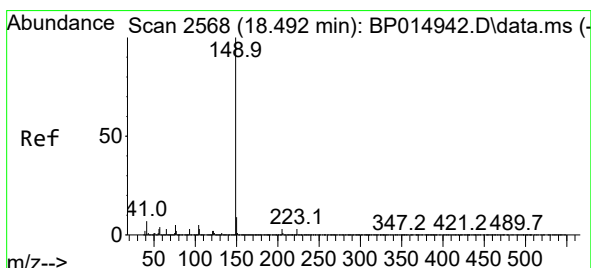
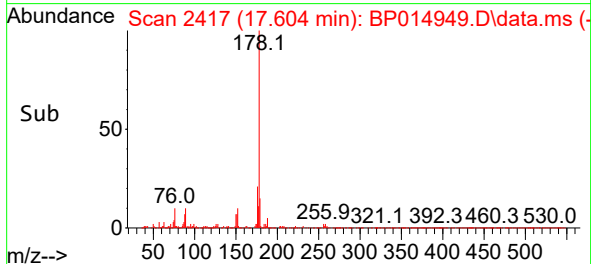
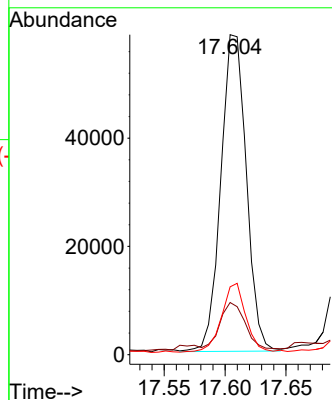
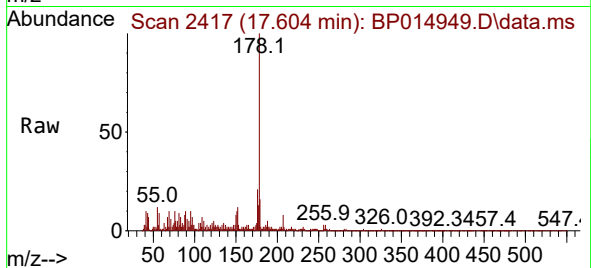
Tgt Ion:178 Resp: 85302

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 21.2 15.0 22.4



#78

Di-n-butylphthalate

Concen: 1.128 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

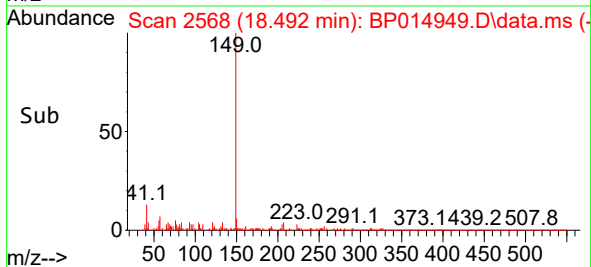
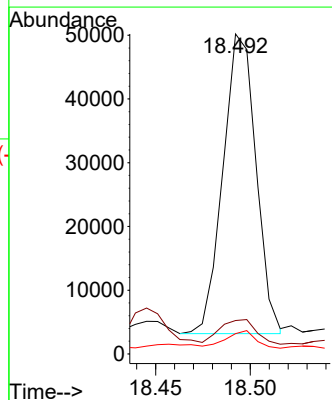
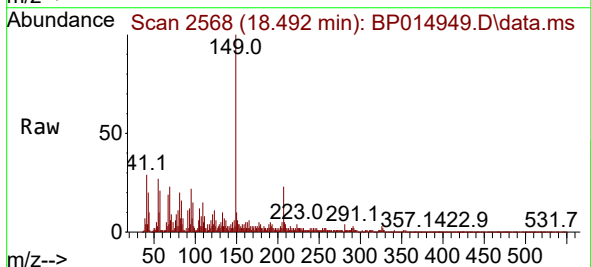
Tgt Ion:149 Resp: 56985

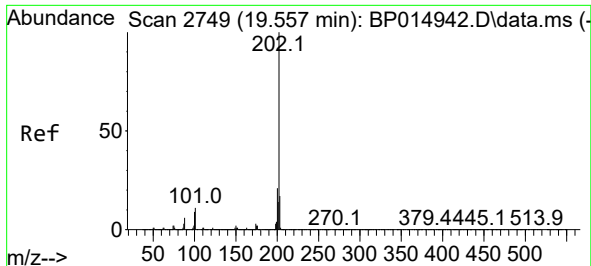
Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

104 6.4 4.1 6.1#

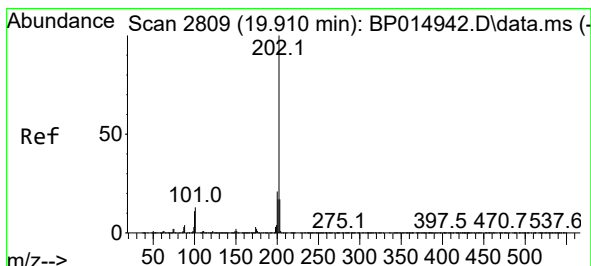
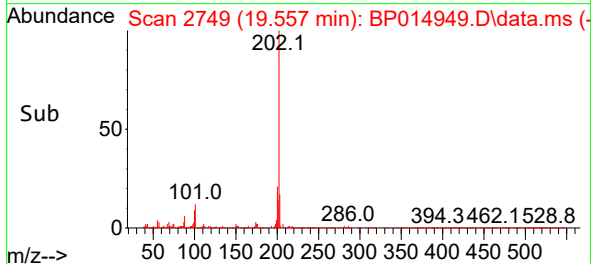
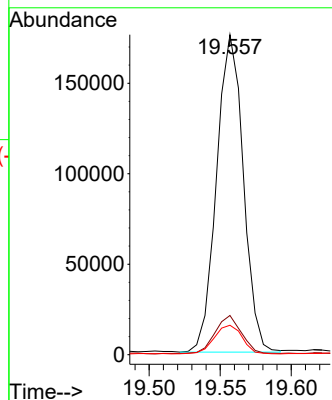
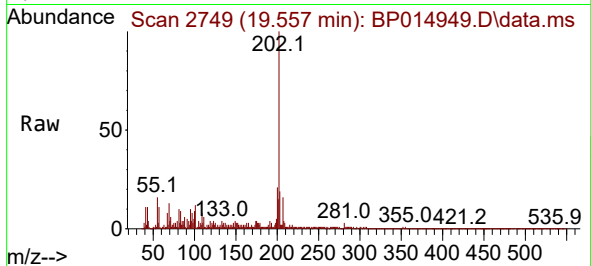




#80
Fluoranthene
Concen: 2.784 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

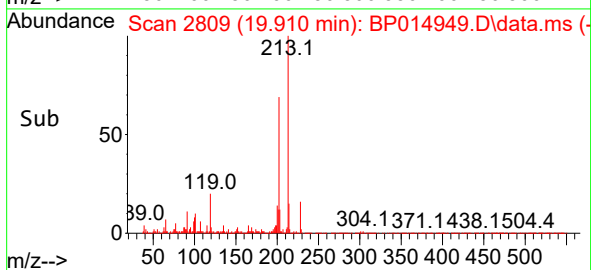
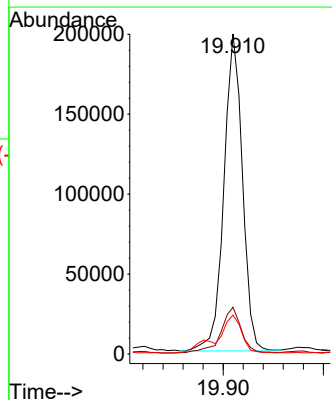
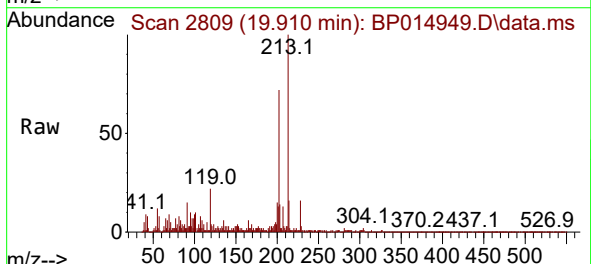
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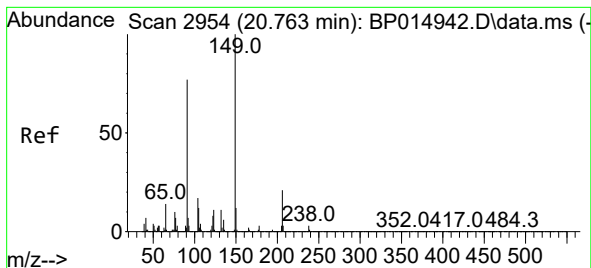
Tgt Ion:202 Resp: 229985
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.2 7.7 11.5



#82
Pyrene
Concen: 2.906 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP014949.D
Acq: 04 May 2023 13:20

Tgt Ion:202 Resp: 254343
Ion Ratio Lower Upper
202 100
101 14.6 11.9 17.9
100 12.1 9.7 14.5





#83

Butylbenzylphthalate

Concen: 1.994 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

EW934

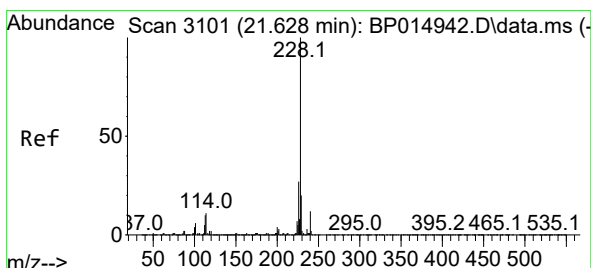
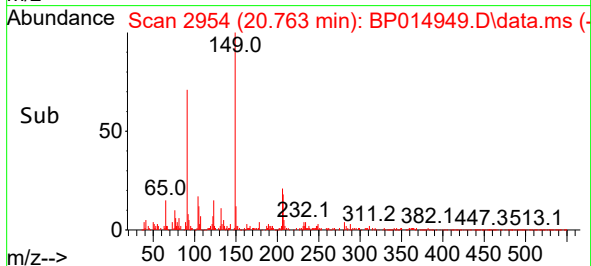
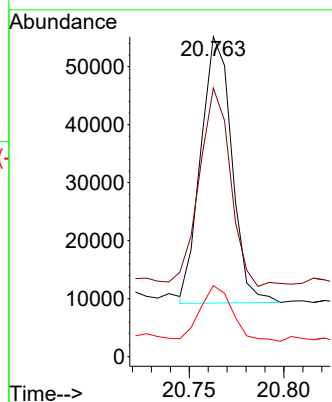
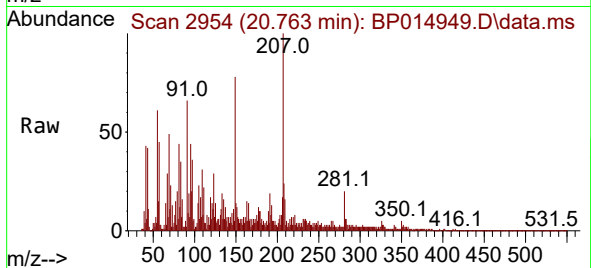
Tgt Ion:149 Resp: 52401

Ion Ratio Lower Upper

149 100

91 83.9 60.1 90.1

206 22.2 16.0 24.0



#85

Benzo(a)anthracene

Concen: 2.669 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

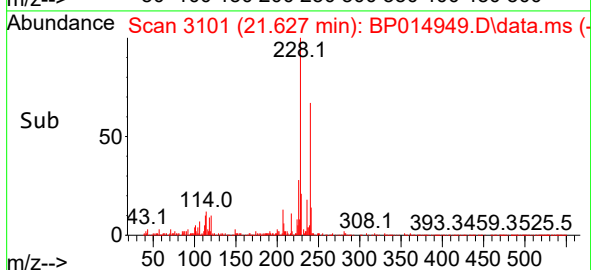
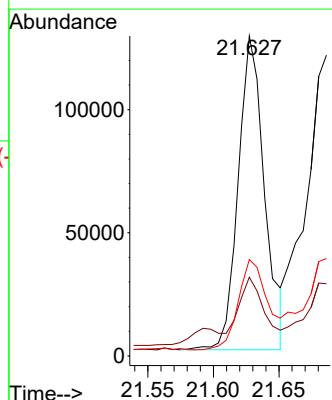
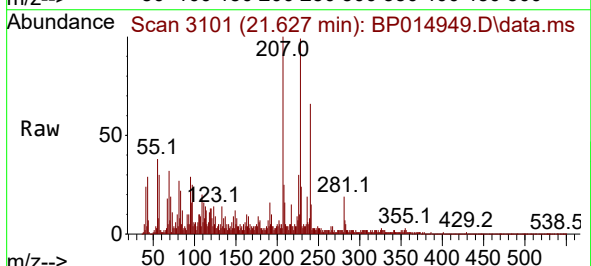
Tgt Ion:228 Resp: 177786

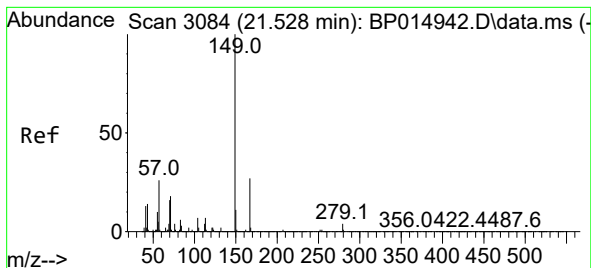
Ion Ratio Lower Upper

228 100

229 24.6 15.9 23.9#

226 30.1 22.1 33.1

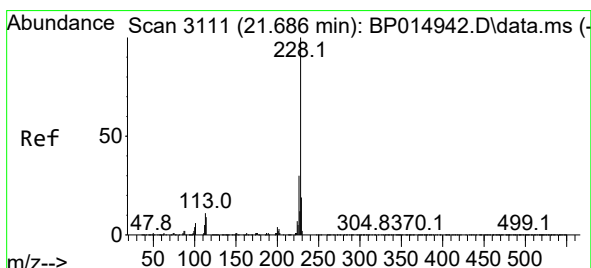
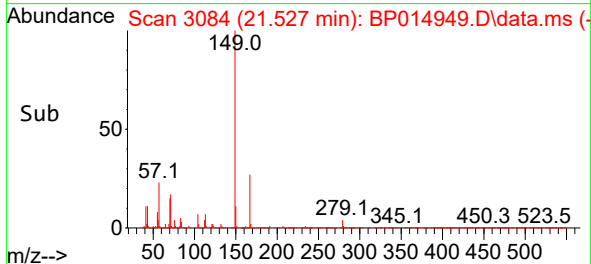
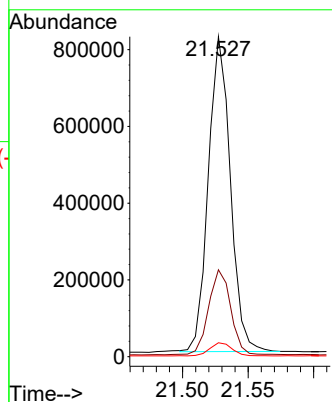
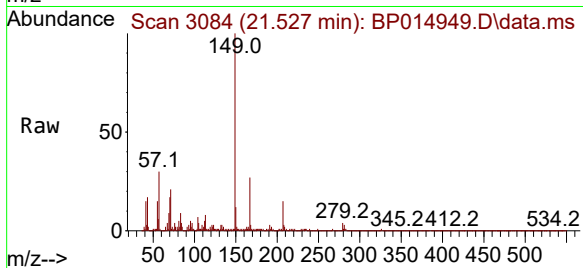




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 28.997 ng/ul
 RT: 21.527 min Scan# 3084
 Delta R.T. -0.000 min
 Lab File: BP014949.D
 Acq: 04 May 2023 13:20

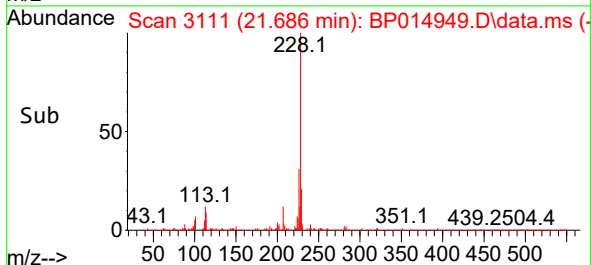
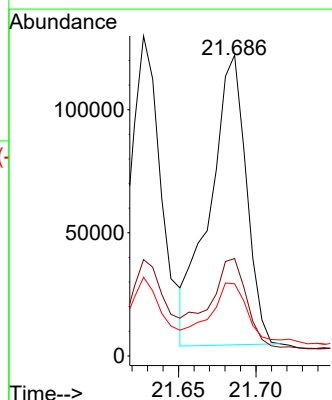
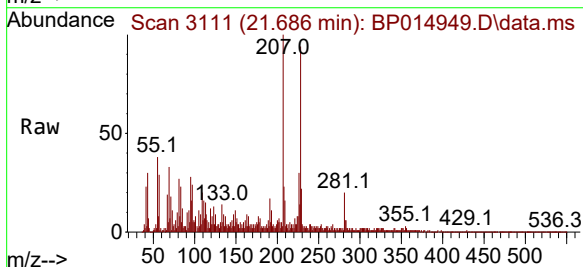
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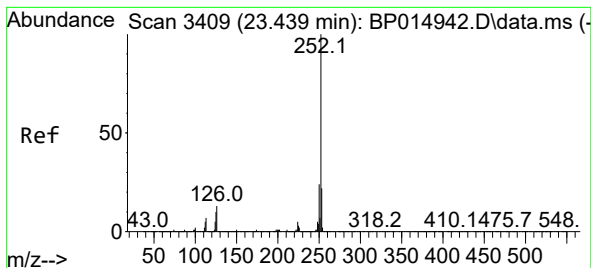
Tgt Ion:149 Resp: 958683
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.0 33.0
 279 4.3 2.9 4.3#



#87
 Chrysene
 Concen: 2.865 ng/ul
 RT: 21.686 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BP014949.D
 Acq: 04 May 2023 13:20

Tgt Ion:228 Resp: 192211
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.3 36.5
 229 24.0 15.8 23.8#





#90

Benzo(b)fluoranthene

Concen: 5.038 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

EW934

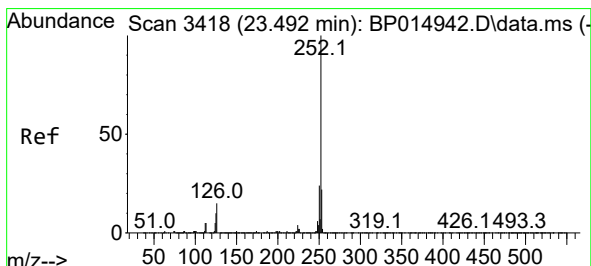
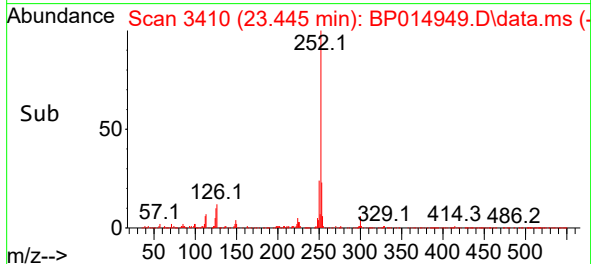
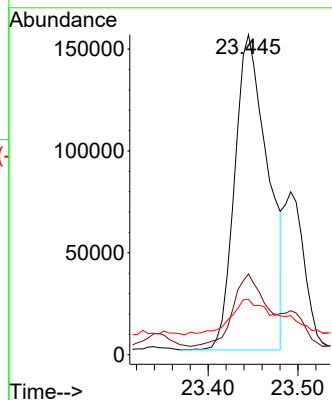
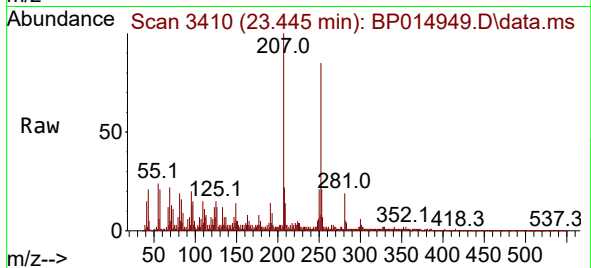
Tgt Ion:252 Resp: 397018

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.2

125 17.3 8.4 12.6#



#91

Benzo(k)fluoranthene

Concen: 4.951 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. -0.047 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

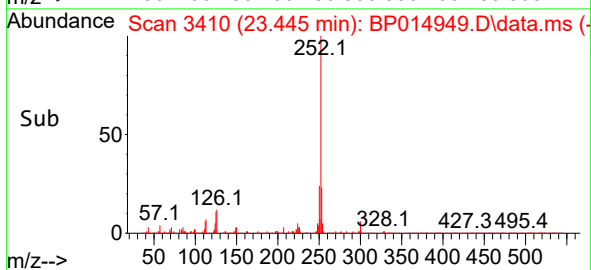
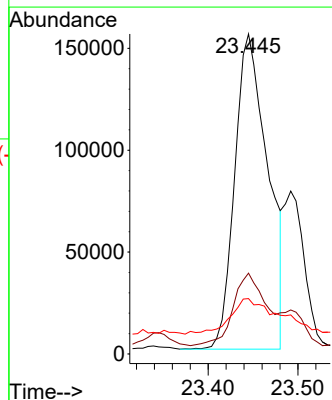
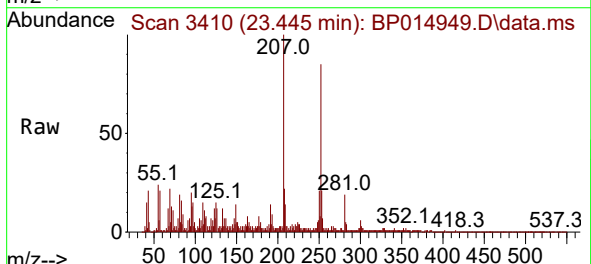
Tgt Ion:252 Resp: 397018

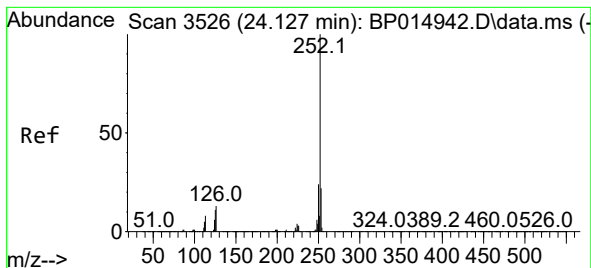
Ion Ratio Lower Upper

252 100

253 25.2 17.8 26.6

125 17.3 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 3.452 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

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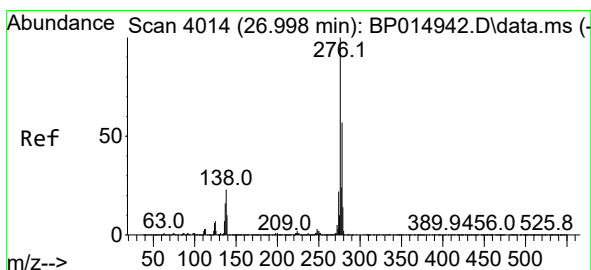
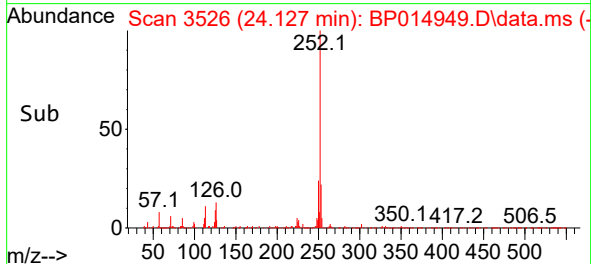
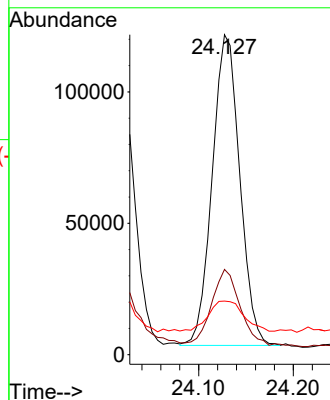
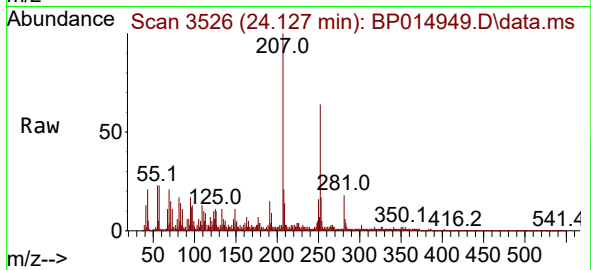
Tgt Ion:252 Resp: 238581

Ion Ratio Lower Upper

252 100

253 26.7 17.5 26.3#

125 16.8 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.324 ng/ul

RT: 26.998 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP014949.D

Acq: 04 May 2023 13:20

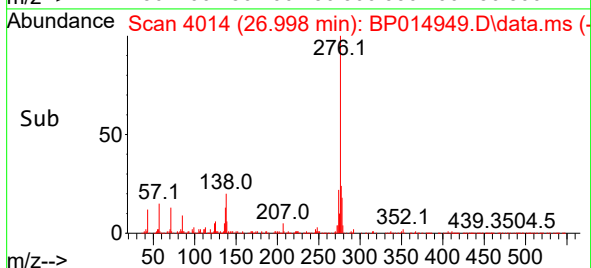
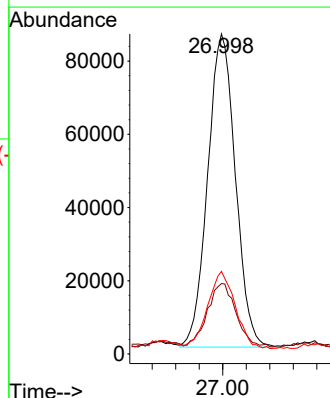
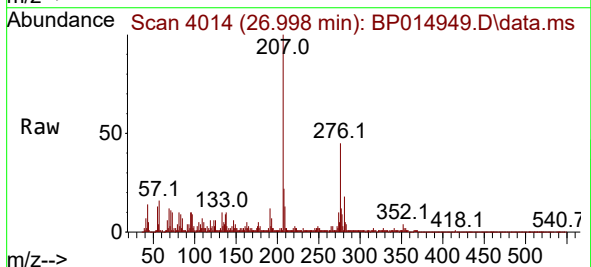
Tgt Ion:276 Resp: 280224

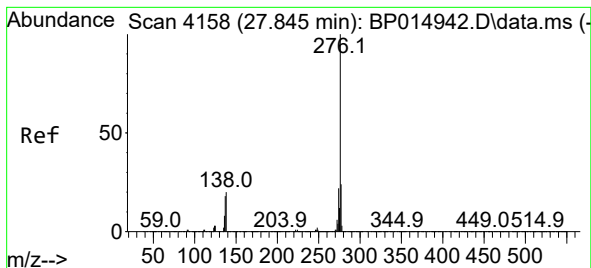
Ion Ratio Lower Upper

276 100

138 22.0 19.4 29.0

277 25.8 19.4 29.2





#96

Benzo(g,h,i)perylene

Concen: 4.855 ng/ul

RT: 27.856 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP014949.D

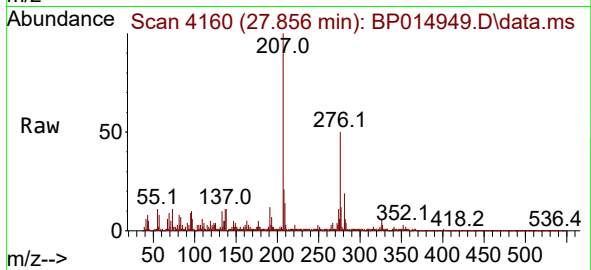
Acq: 04 May 2023 13:20

Instrument :

BNA_P

ClientSampleId :

EW934



Tgt Ion:276 Resp: 348333

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

277 24.5 19.8 29.8

