

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015846.D
 Acq On : 30 Jun 2023 16:14
 Operator : MA/JU
 Sample : 03161-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW5

Quant Time: Jun 30 22:33:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

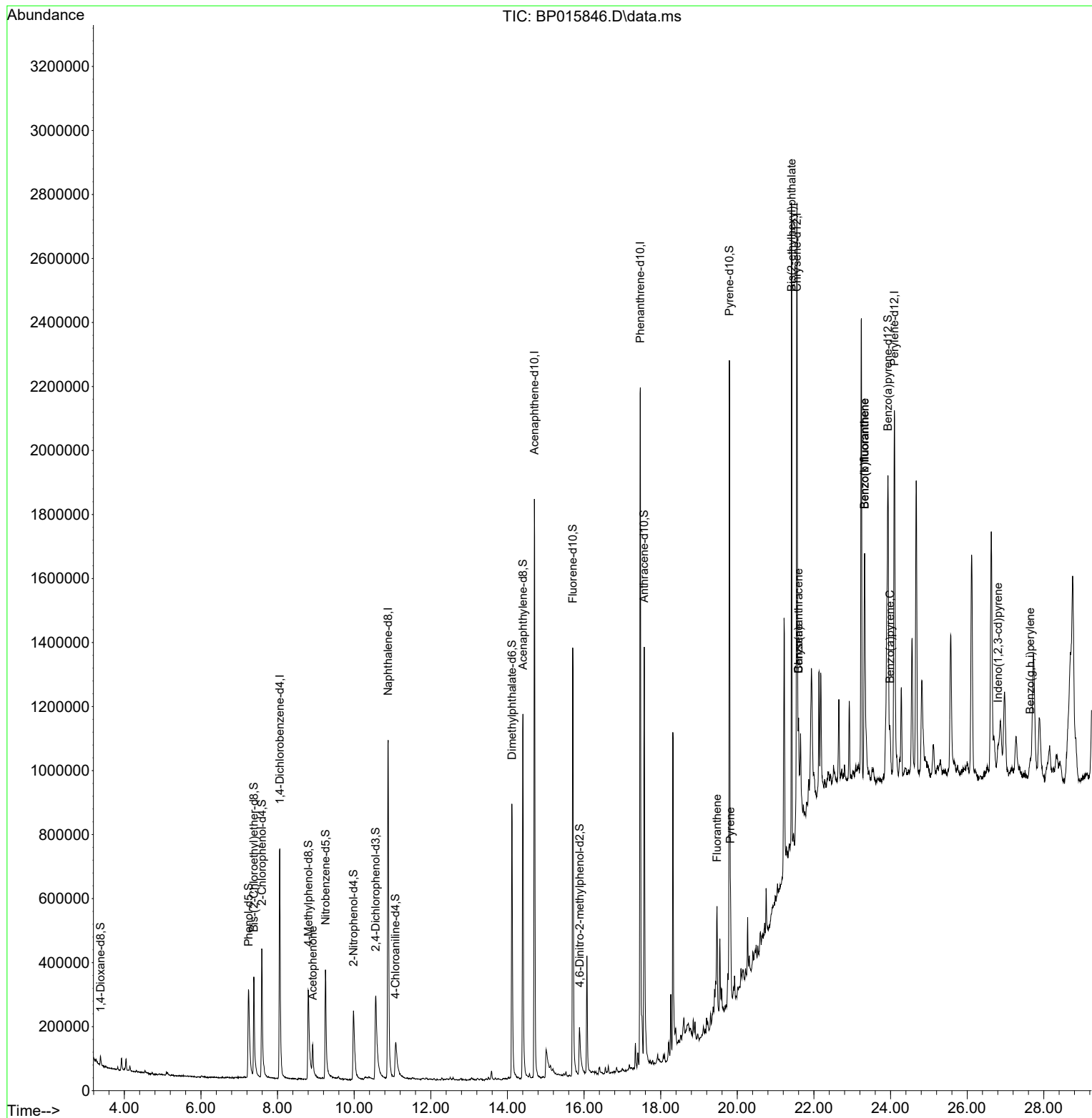
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	239555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1044148	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	632234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1358690	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1004018	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	977850	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	15936	2.393	ng/uL	0.00
4) Pyridine-d5	3.811	84	677	0.040	ng/ul	-0.01
7) Phenol-d5	7.246	99	273334	13.336	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	183538	14.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	231177	14.941	ng/ul	0.01
15) 4-Methylphenol-d8	8.805	113	196132	12.113	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	107669	13.493	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	113049	12.138	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	200808	12.099	ng/ul	0.05
31) 4-Chloroaniline-d4	11.081	131	141927	6.657	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	693723	14.196	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	809502	14.736	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	55	0.009	ng/ul	0.00
60) Fluorene-d10	15.704	176	608006	15.111	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	40889	4.893	ng/ul	0.03
73) Anthracene-d10	17.569	188	904668	14.577	ng/ul	0.00
81) Pyrene-d10	19.792	212	1079768	16.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	756670	15.340	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	69176	2.599	ng/ul	99
80) Fluoranthene	19.469	202	171172	2.101	ng/ul#	91
82) Pyrene	19.822	202	154076	1.854	ng/ul#	90
85) Benzo(a)anthracene	21.598	228	147184	2.084	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.416	149	643400	13.807	ng/ul#	99
87) Chrysene	21.598	228	146498	2.186	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	211194	3.361	ng/ul#	85
91) Benzo(k)fluoranthene	23.321	252	211194	3.327	ng/ul#	85
93) Benzo(a)pyrene	23.986	252	124663	2.271	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.804	276	105607	1.417	ng/ul#	94
96) Benzo(g,h,i)perylene	27.645	276	86210	1.406	ng/ul#	79

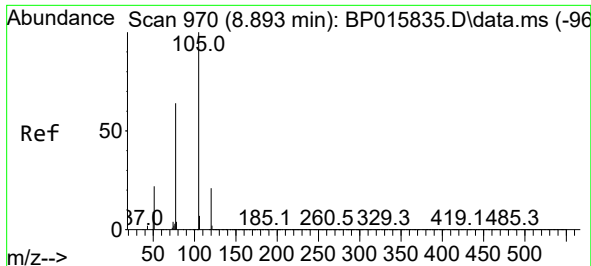
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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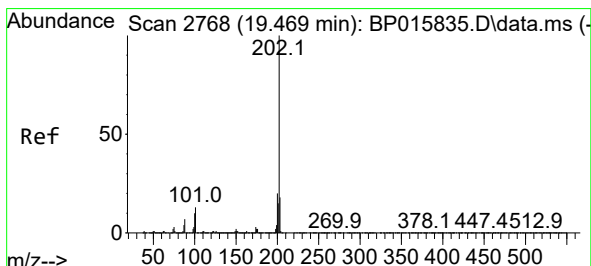
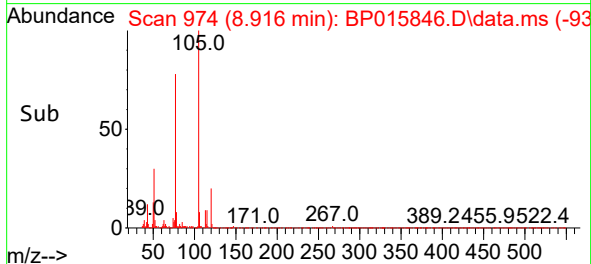
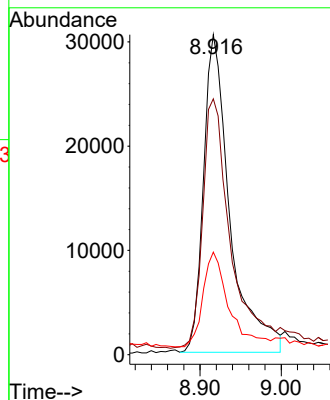
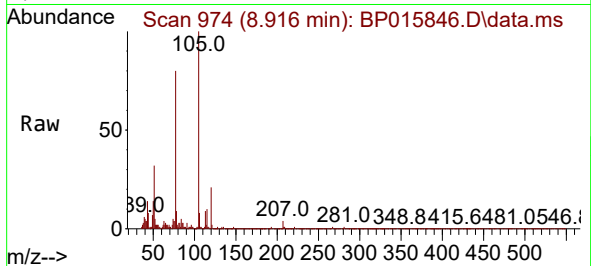




#16
Acetophenone
Concen: 2.599 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP015846.D
Acq: 30 Jun 2023 16:14

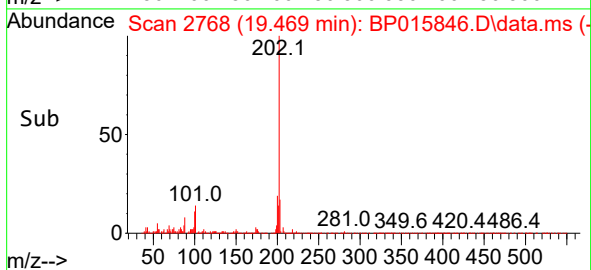
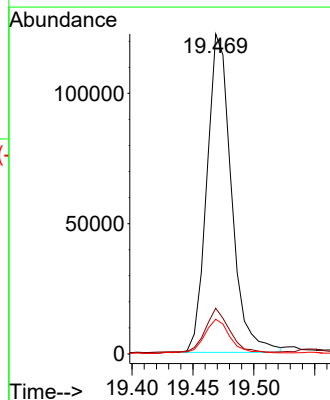
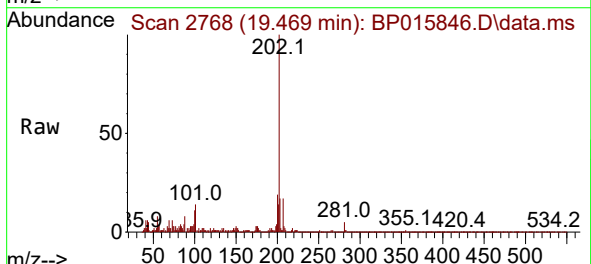
Instrument :
BNA_P
ClientSampleId :
DCFV5

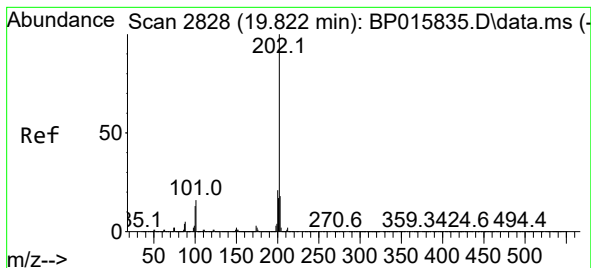
Tgt Ion:105 Resp: 69176
Ion Ratio Lower Upper
105 100
77 80.0 65.0 97.4
51 32.1 25.1 37.7



#80
Fluoranthene
Concen: 2.101 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015846.D
Acq: 30 Jun 2023 16:14

Tgt Ion:202 Resp: 171172
Ion Ratio Lower Upper
202 100
101 14.3 8.3 12.5#
100 10.9 6.6 9.8#





#82

Pyrene

Concen: 1.854 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015846.D

Acq: 30 Jun 2023 16:14

Instrument :

BNA_P

ClientSampleId :

DCFV5

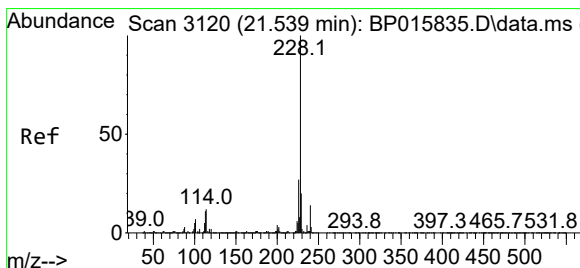
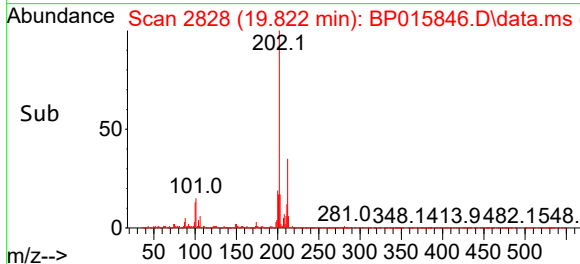
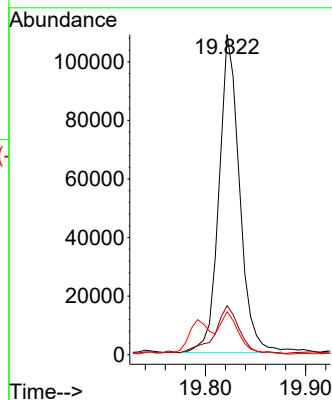
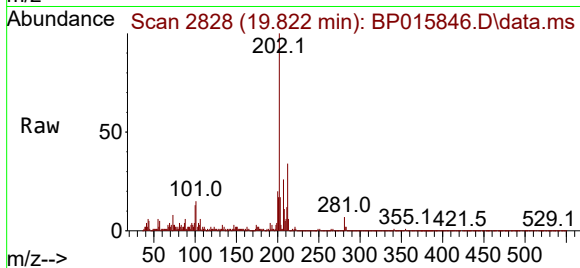
Tgt Ion:202 Resp: 154076

Ion Ratio Lower Upper

202 100

101 15.3 9.3 13.9#

100 13.4 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 2.084 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. 0.059 min

Lab File: BP015846.D

Acq: 30 Jun 2023 16:14

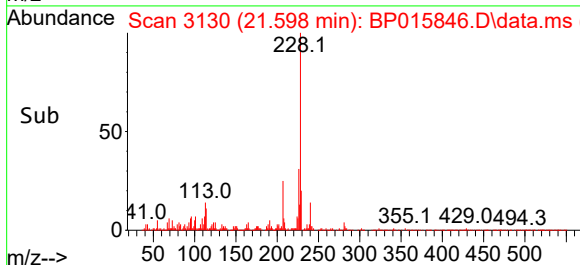
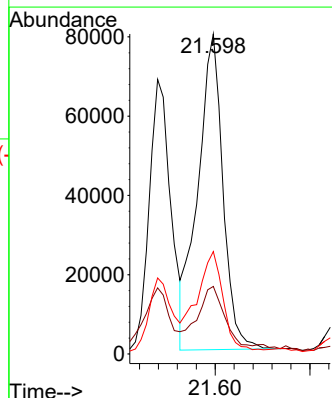
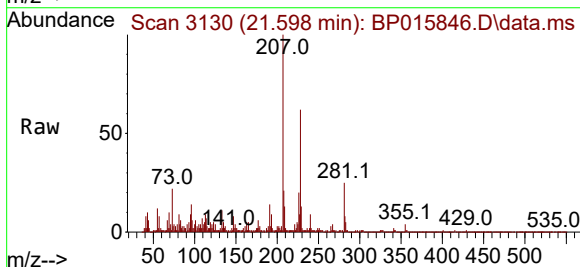
Tgt Ion:228 Resp: 147184

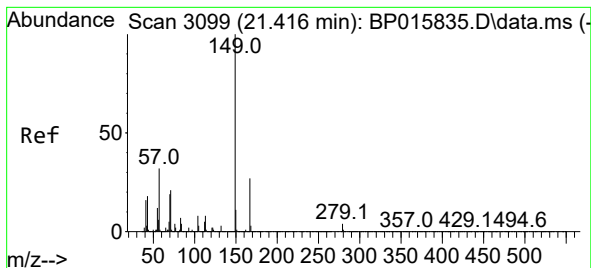
Ion Ratio Lower Upper

228 100

229 21.1 15.3 22.9

226 32.0 21.4 32.0

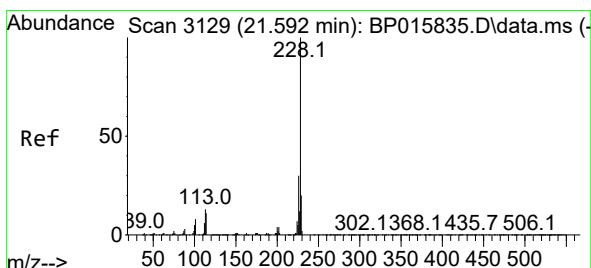
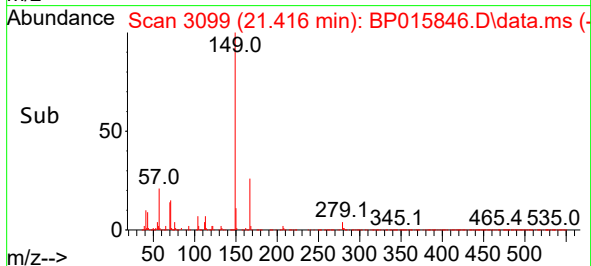
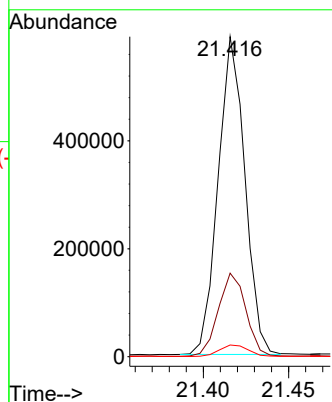
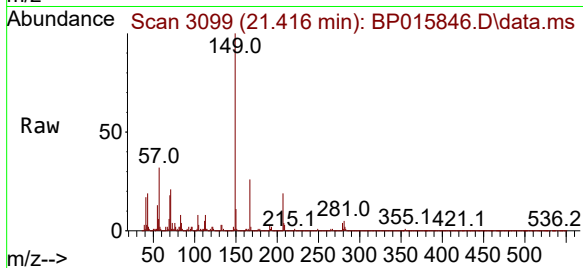




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 13.807 ng/ul
 RT: 21.416 min Scan# 3099
 Delta R.T. 0.000 min
 Lab File: BP015846.D
 Acq: 30 Jun 2023 16:14

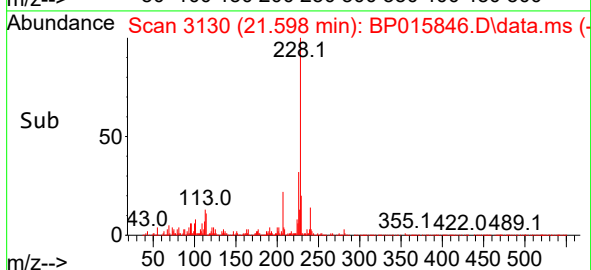
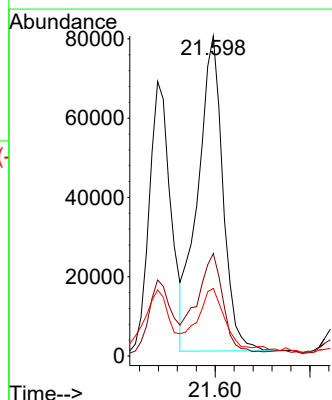
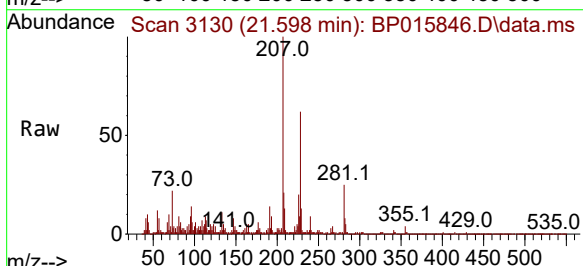
Instrument :
 BNA_P
 ClientSampleId :
 DCFW5

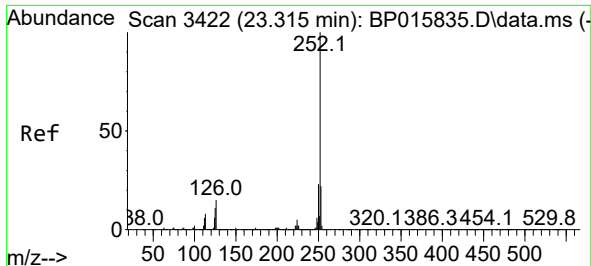
Tgt Ion:149 Resp: 643400
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.6
 279 3.6 3.8 5.6#



#87
 Chrysene
 Concen: 2.186 ng/ul
 RT: 21.598 min Scan# 3130
 Delta R.T. 0.006 min
 Lab File: BP015846.D
 Acq: 30 Jun 2023 16:14

Tgt Ion:228 Resp: 146498
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.3 36.5
 229 21.1 15.5 23.3

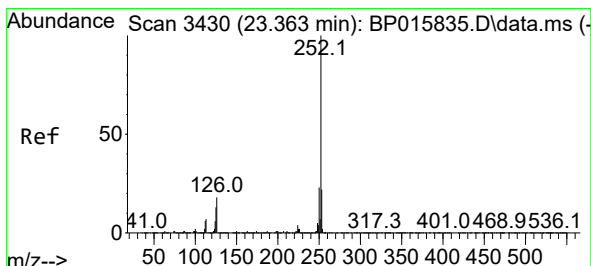
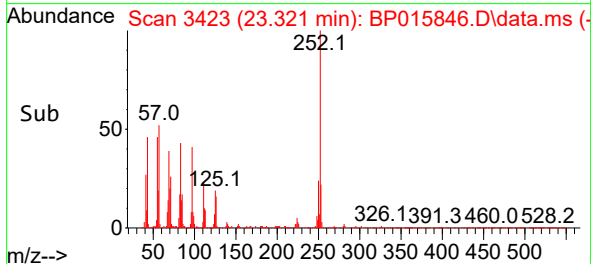
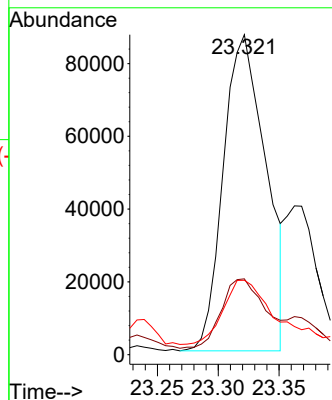
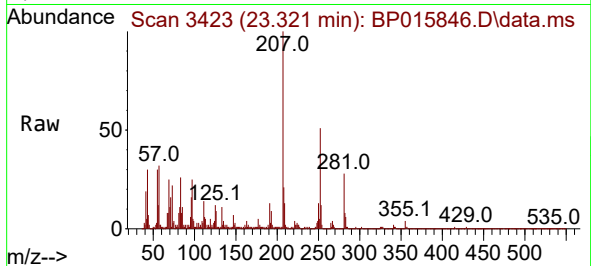




#90
Benzo(b)fluoranthene
Concen: 3.361 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015846.D
Acq: 30 Jun 2023 16:14

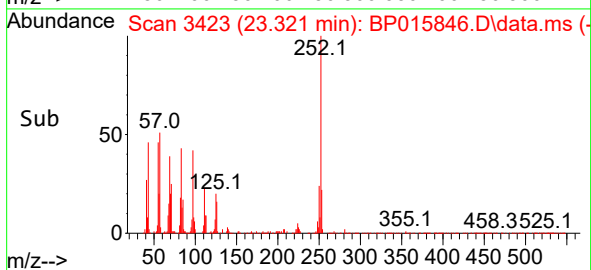
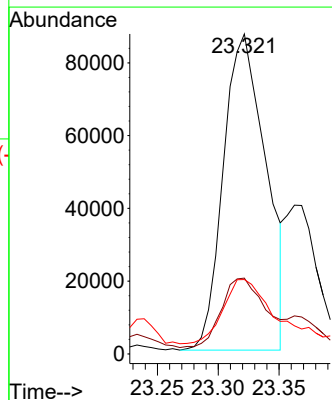
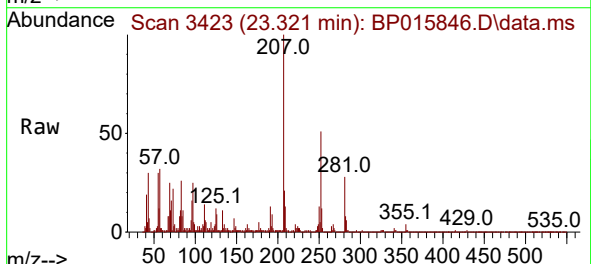
Instrument :
BNA_P
ClientSampleId :
DCF5

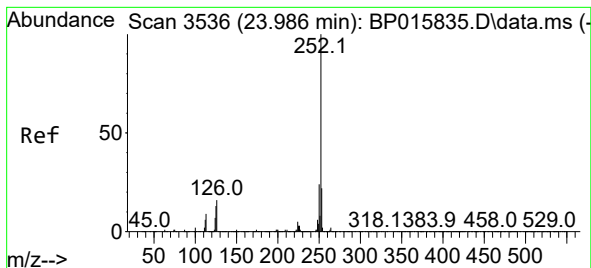
Tgt Ion:252 Resp: 211194
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 23.3 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 3.327 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. -0.041 min
Lab File: BP015846.D
Acq: 30 Jun 2023 16:14

Tgt Ion:252 Resp: 211194
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 23.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.271 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015846.D

Acq: 30 Jun 2023 16:14

Instrument :

BNA_P

ClientSampleId :

DCF5

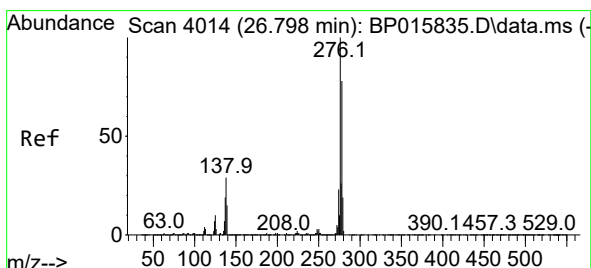
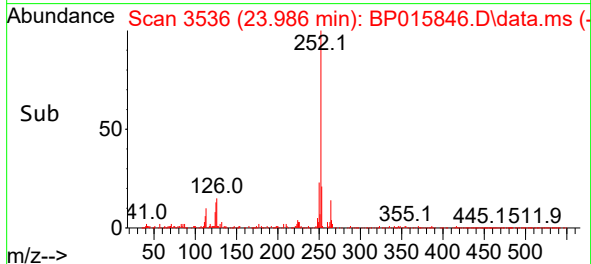
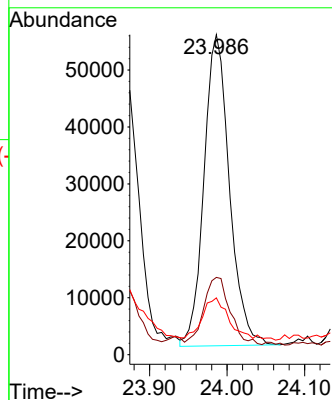
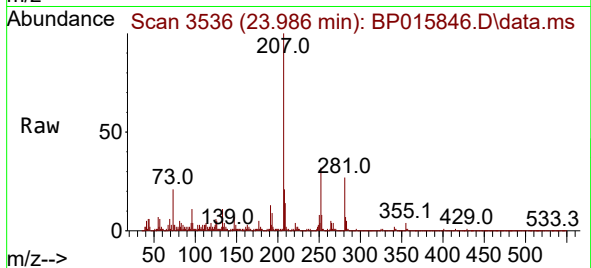
Tgt Ion:252 Resp: 124663

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 17.7 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.417 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP015846.D

Acq: 30 Jun 2023 16:14

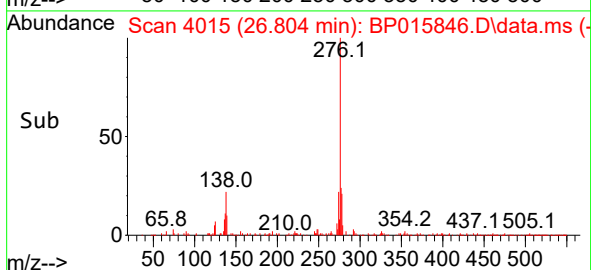
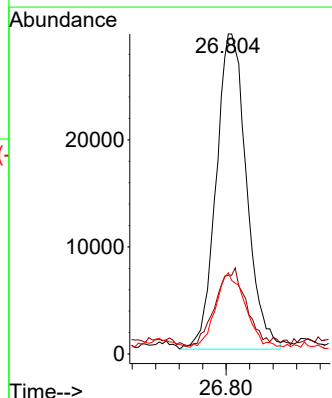
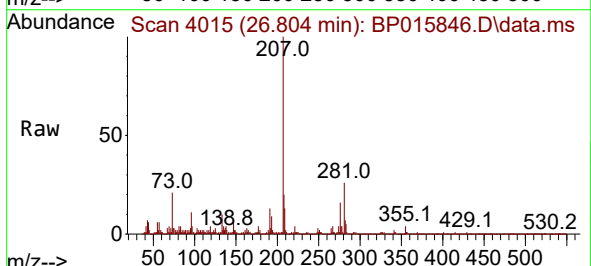
Tgt Ion:276 Resp: 105607

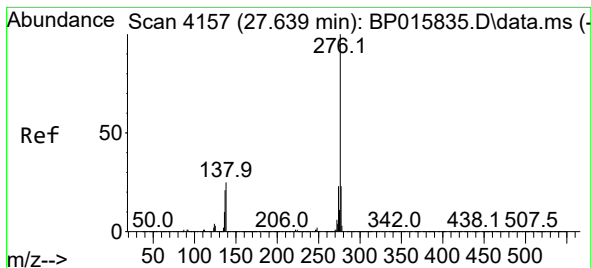
Ion Ratio Lower Upper

276 100

138 24.6 15.7 23.5#

277 25.3 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 1.406 ng/ul

RT: 27.645 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP015846.D

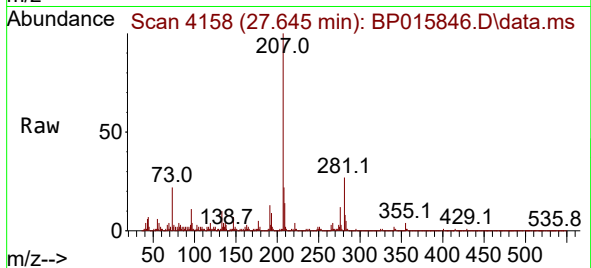
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Instrument :

BNA_P

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Tgt Ion:276 Resp: 86210

Ion Ratio Lower Upper

276 100

138 35.6 15.1 22.7#

277 27.8 18.8 28.2

