

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015406.D
 Acq On : 07 Jun 2023 19:15
 Operator : MA/JU
 Sample : 02950-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW985

Quant Time: Jun 08 00:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

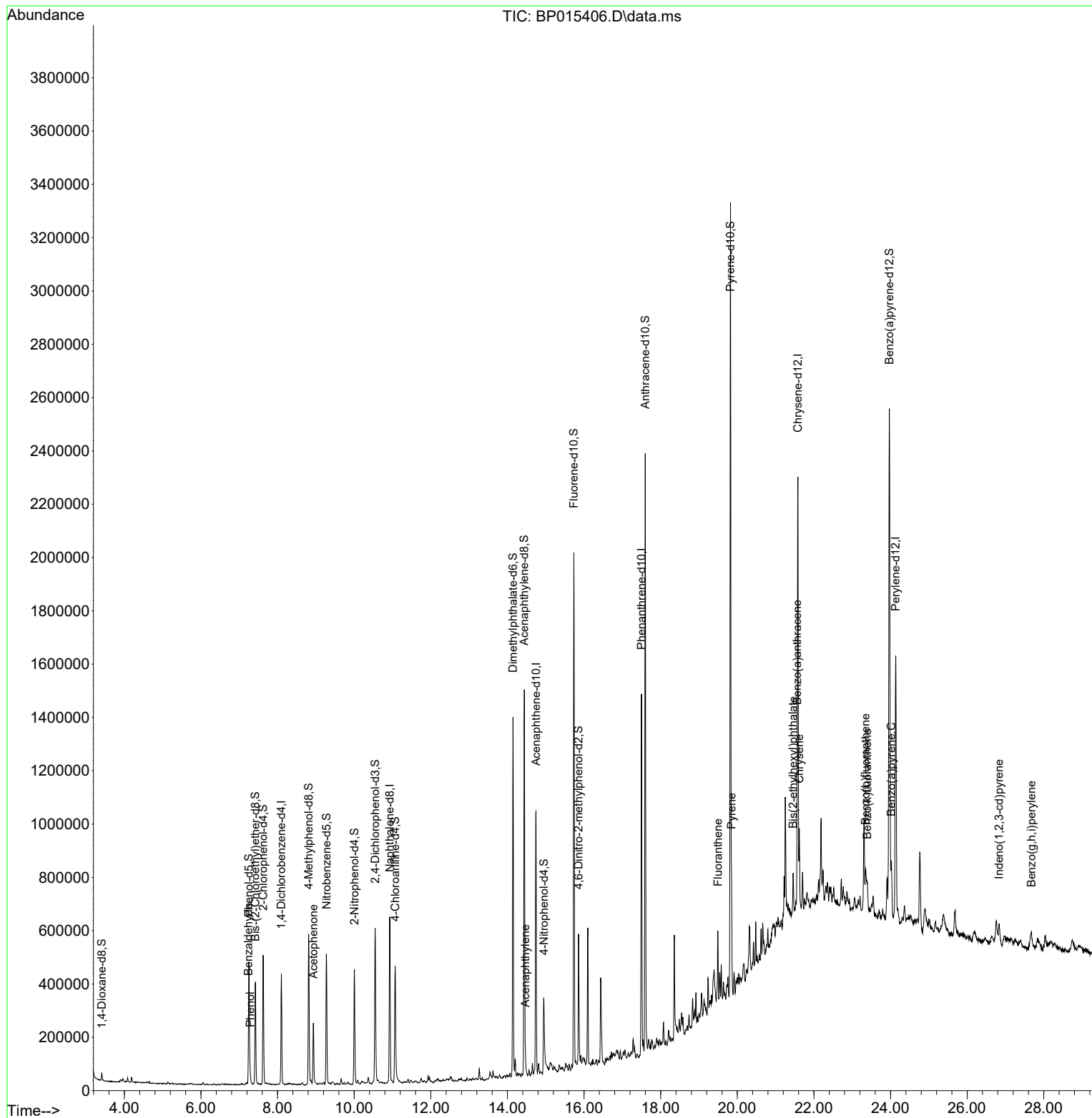
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	106742	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	484214	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	327390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	761754	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	731103	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	806502	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	13910	4.826	ng/uL	0.00
4) Pyridine-d5	3.840	84	678	0.091	ng/ul	-0.01
7) Phenol-d5	7.251	99	261359	26.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	175139	29.821	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	214318	30.060	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	216151	26.782	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	109175	28.719	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	126829	29.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	218026	27.531	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	248589	21.869	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	836216	32.391	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	913788	32.370	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	90753	19.630	ng/ul	0.00
60) Fluorene-d10	15.733	176	731508	33.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	105120	21.783	ng/ul	0.00
73) Anthracene-d10	17.598	188	1202228	34.688	ng/ul	0.00
81) Pyrene-d10	19.821	212	1513948	38.690	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1476407	36.484	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.240	77	4782	1.272	ng/ul	92
8) Phenol	7.287	94	18529	1.826	ng/ul	95
16) Acetophenone	8.934	105	116810	9.069	ng/ul	100
50) Acenaphthylene	14.469	152	39946	1.278	ng/ul	98
80) Fluoranthene	19.492	202	137311	2.881	ng/ul	97
82) Pyrene	19.851	202	240428	4.876	ng/ul	98
85) Benzo(a)anthracene	21.563	228	156790	3.068	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.457	149	38091	1.182	ng/ul#	96
87) Chrysene	21.615	228	197419	4.087	ng/ul#	95
90) Benzo(b)fluoranthene	23.345	252	155488	2.987	ng/ul#	91
91) Benzo(k)fluoranthene	23.392	252	53107	1.055	ng/ul#	87
93) Benzo(a)pyrene	24.021	252	162684	3.584	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.833	276	75430	1.284	ng/ul	99
96) Benzo(g,h,i)perylene	27.674	276	81376	1.681	ng/ul	98

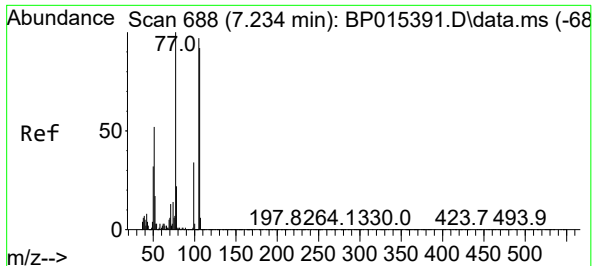
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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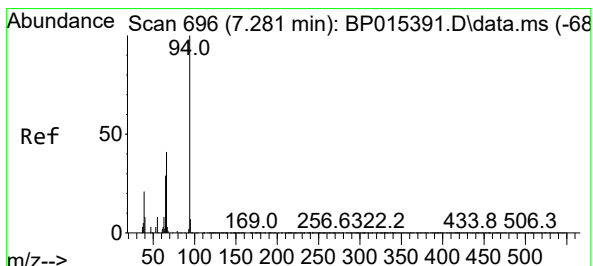
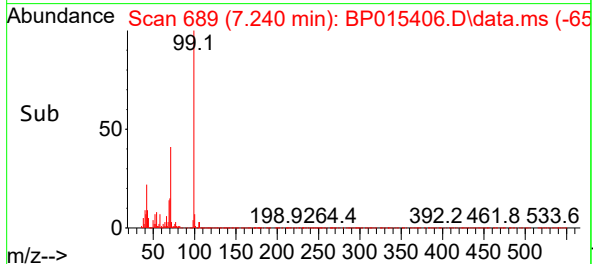
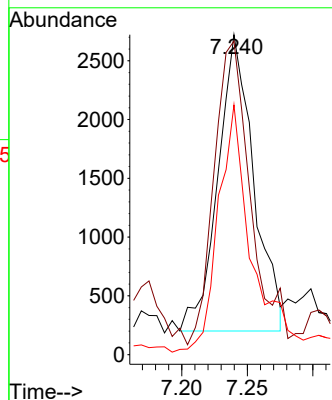
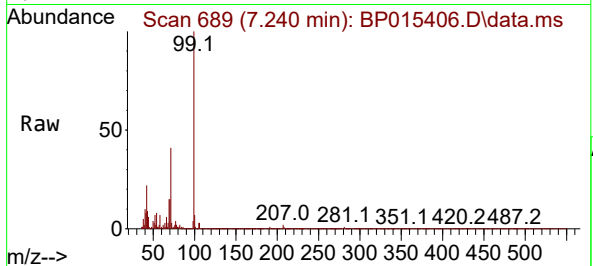




#6
Benzaldehyde
Concen: 1.272 ng/ul
RT: 7.240 min Scan# 688
Delta R.T. 0.006 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

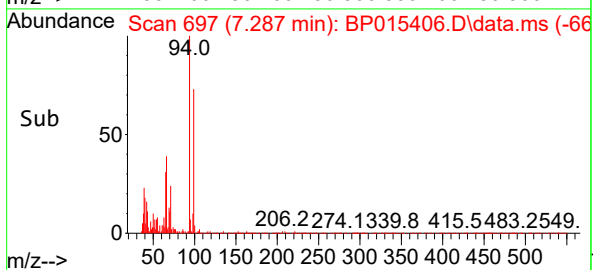
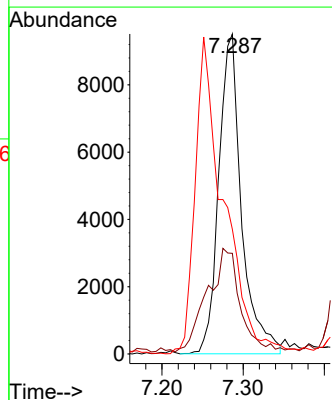
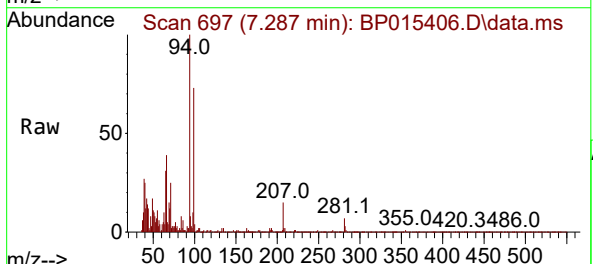
Instrument :
BNA_P
ClientSampleId :
EW985

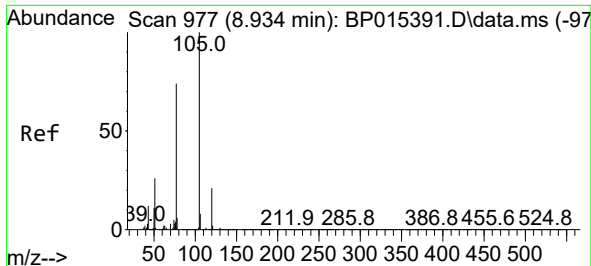
Tgt Ion:	77	Resp:	4782
Ion	Ratio	Lower	Upper
77	100		
105	98.0	77.3	115.9
106	78.1	73.3	109.9



#8
Phenol
Concen: 1.826 ng/ul
RT: 7.287 min Scan# 697
Delta R.T. 0.006 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

Tgt Ion:	94	Resp:	18529
Ion	Ratio	Lower	Upper
94	100		
65	31.4	23.5	35.3
66	38.9	34.2	51.4

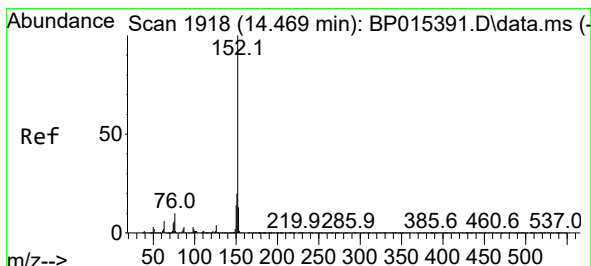
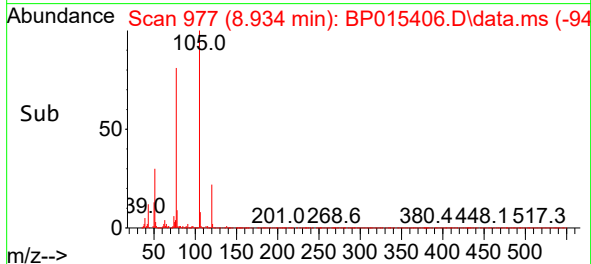
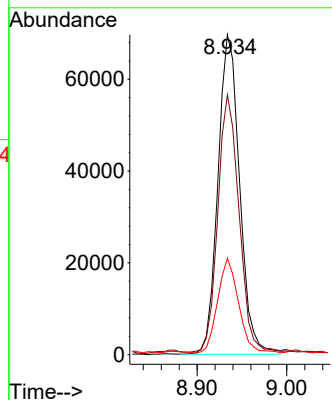
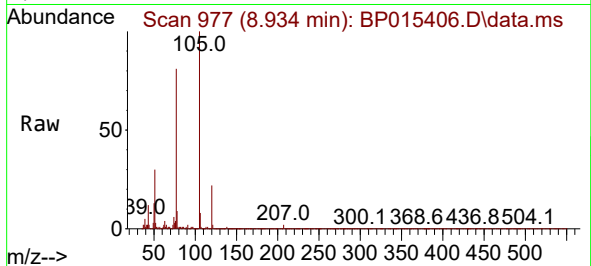




#16
Acetophenone
Concen: 9.069 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

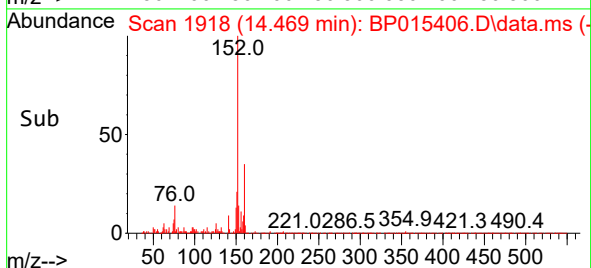
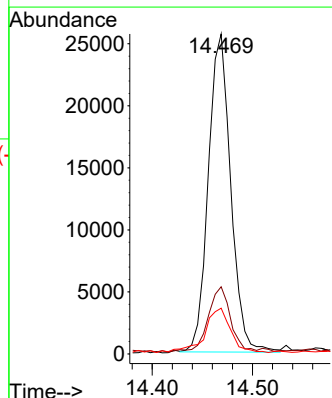
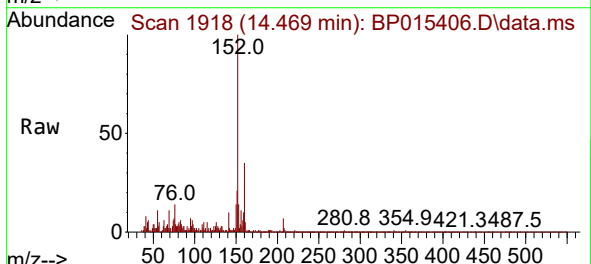
Instrument :
BNA_P
ClientSampleId :
EW985

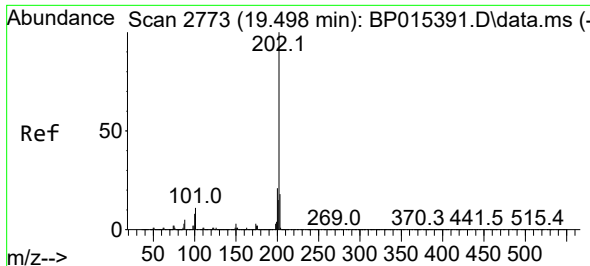
Tgt Ion:105 Resp: 116810
Ion Ratio Lower Upper
105 100
77 81.2 64.9 97.3
51 30.1 23.5 35.3



#50
Acenaphthylene
Concen: 1.278 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

Tgt Ion:152 Resp: 39946
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 14.3 10.6 15.8

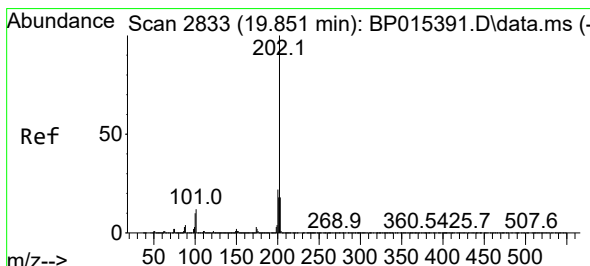
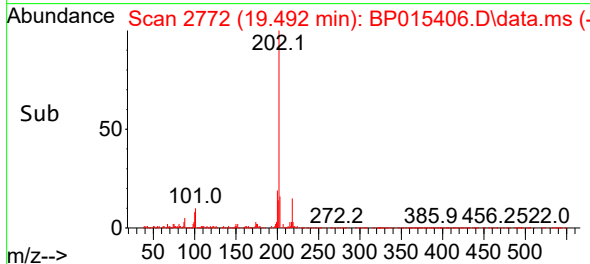
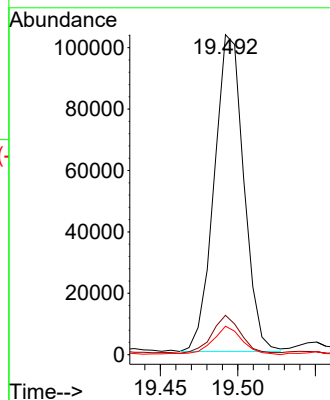
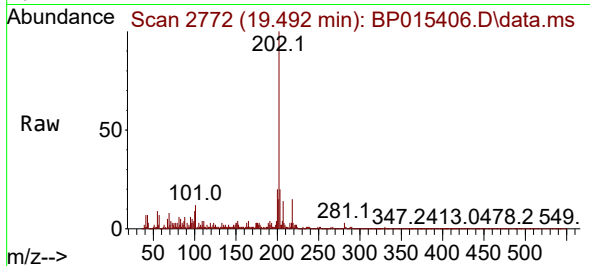




#80
Fluoranthene
Concen: 2.881 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

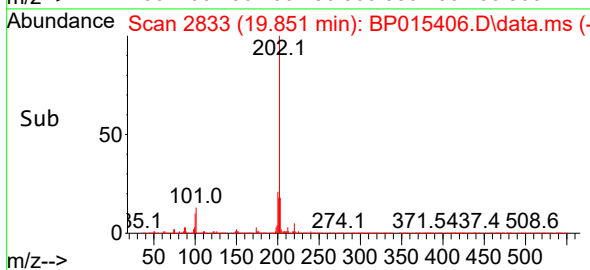
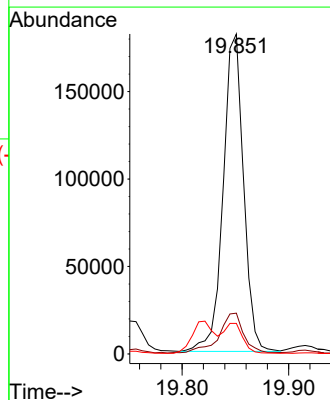
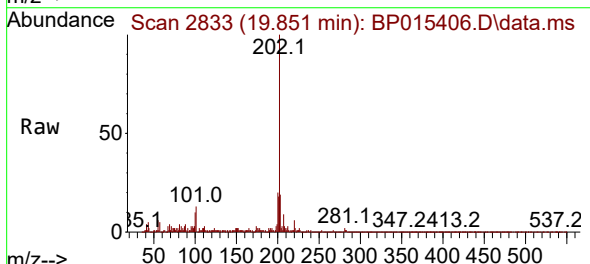
Instrument :
BNA_P
ClientSampleId :
EW985

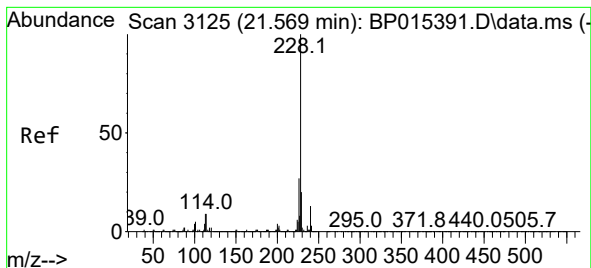
Tgt Ion:202 Resp: 137311
Ion Ratio Lower Upper
202 100
101 12.3 8.6 13.0
100 8.9 6.6 9.8



#82
Pyrene
Concen: 4.876 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

Tgt Ion:202 Resp: 240428
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 9.6 8.4 12.6





#85

Benzo(a)anthracene

Concen: 3.068 ng/ul

RT: 21.563 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

Instrument :

BNA_P

ClientSampleId :

EW985

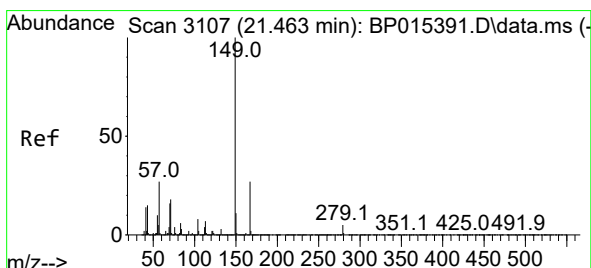
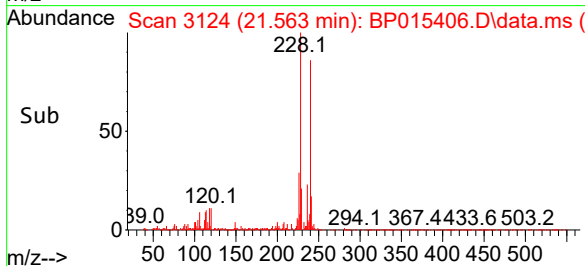
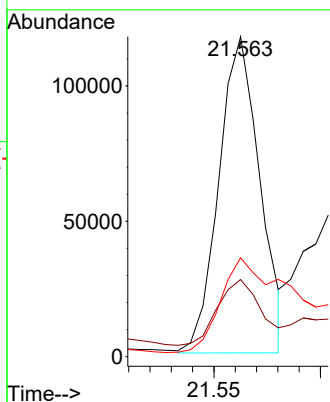
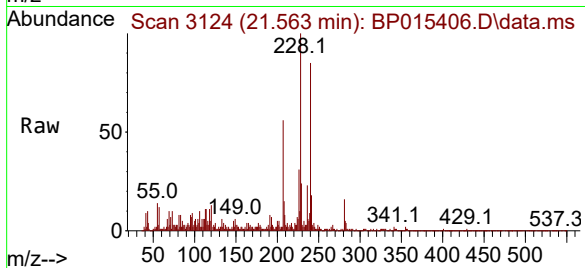
Tgt Ion:228 Resp: 156790

Ion Ratio Lower Upper

228 100

229 24.1 15.8 23.6#

226 30.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.182 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

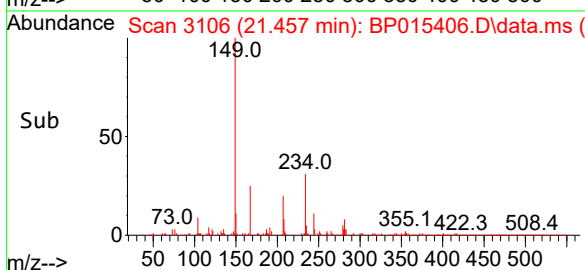
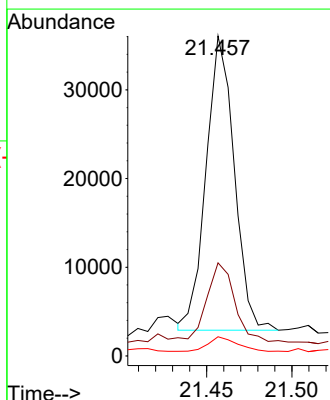
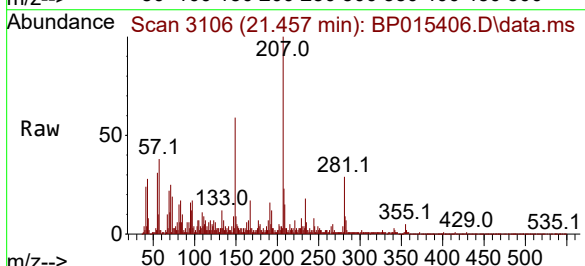
Tgt Ion:149 Resp: 38091

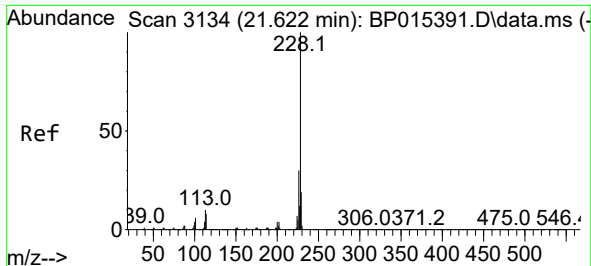
Ion Ratio Lower Upper

149 100

167 29.1 21.8 32.8

279 6.0 3.7 5.5#





#87

Chrysene

Concen: 4.087 ng/ul

RT: 21.615 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

Instrument :

BNA_P

ClientSampleId :

EW985

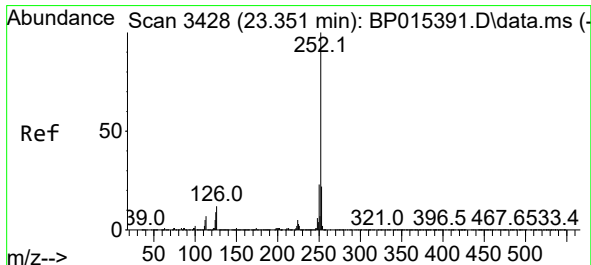
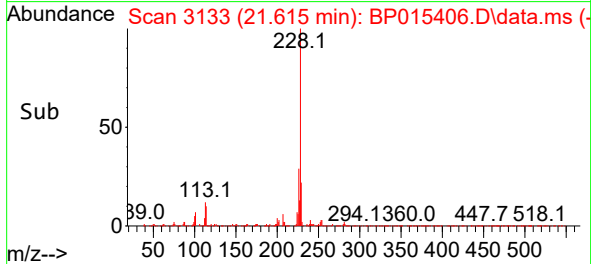
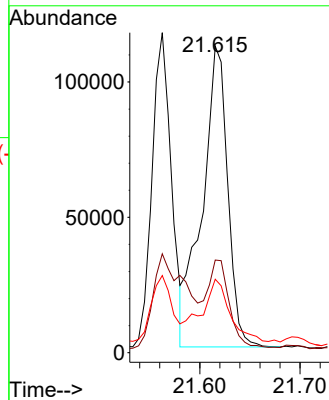
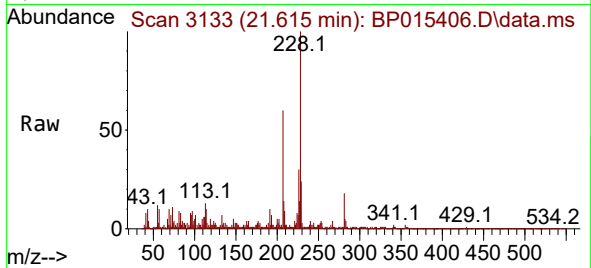
Tgt Ion:228 Resp: 197419

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 24.0 15.1 22.7#



#90

Benzo(b)fluoranthene

Concen: 2.987 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

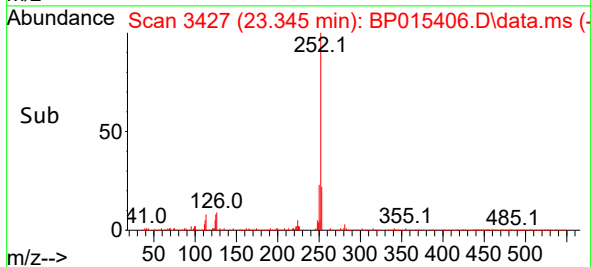
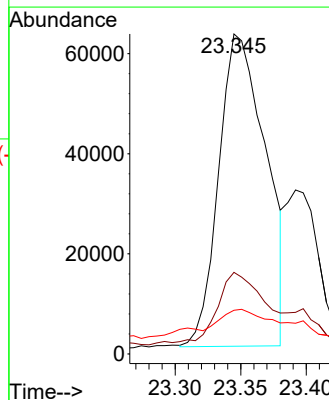
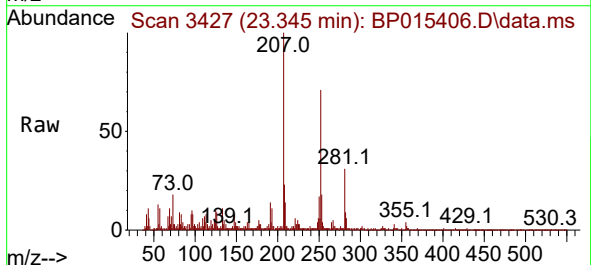
Tgt Ion:252 Resp: 155488

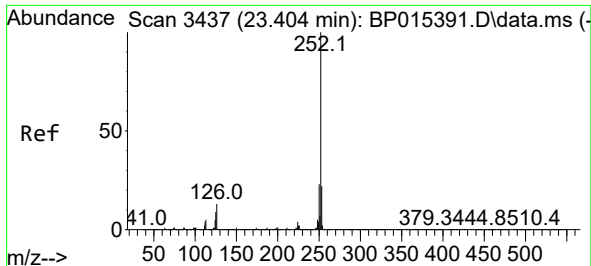
Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.2

125 13.6 7.3 10.9#

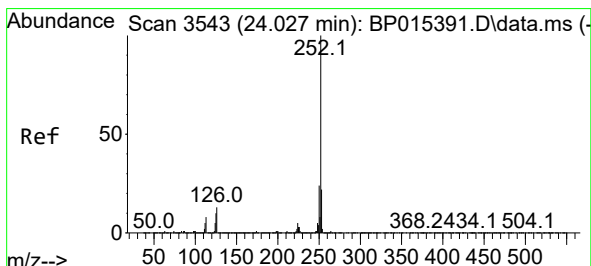
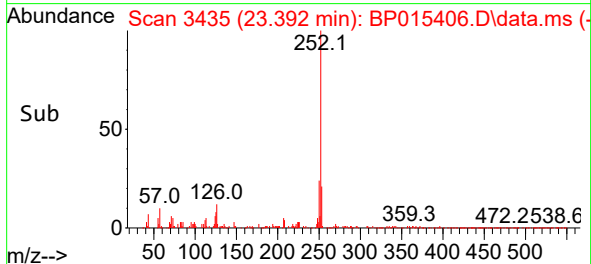
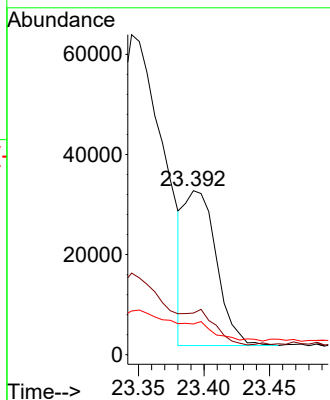
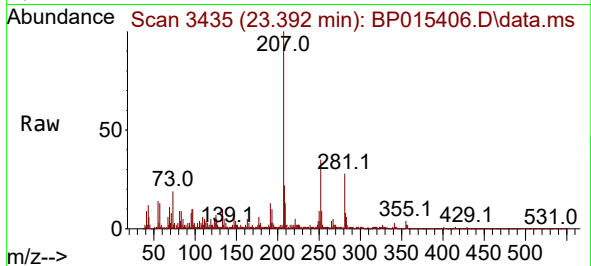




#91
Benzo(k)fluoranthene
Concen: 1.055 ng/ul
RT: 23.392 min Scan# 3435
Delta R.T. -0.012 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

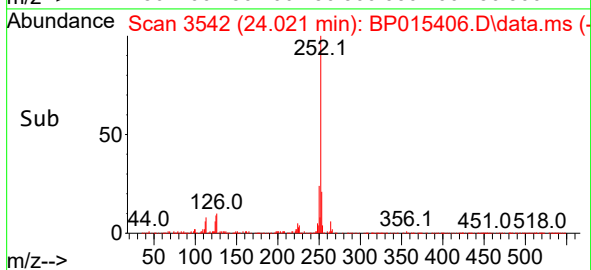
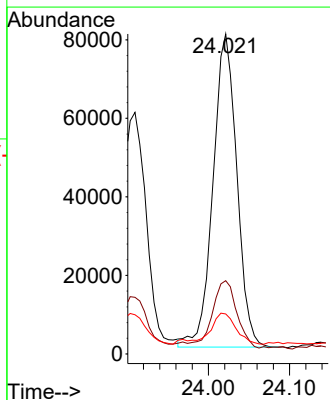
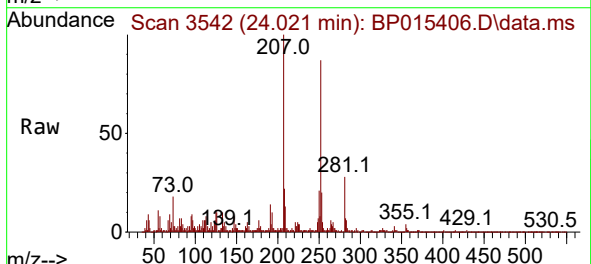
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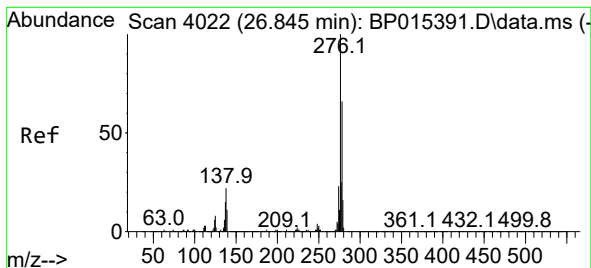
Tgt Ion:252 Resp: 53107
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 18.7 7.3 10.9#



#93
Benzo(a)pyrene
Concen: 3.584 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BP015406.D
Acq: 07 Jun 2023 19:15

Tgt Ion:252 Resp: 162684
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 12.5 8.1 12.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.284 ng/ul

RT: 26.833 min Scan# 4022

Delta R.T. -0.012 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

Instrument :

BNA_P

ClientSampleId :

EW985

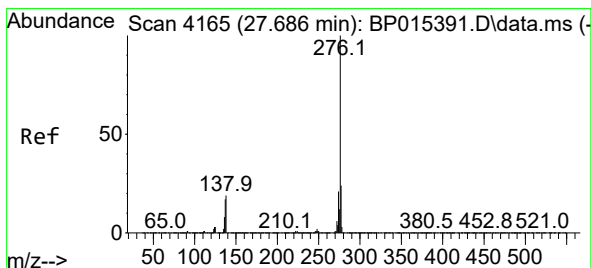
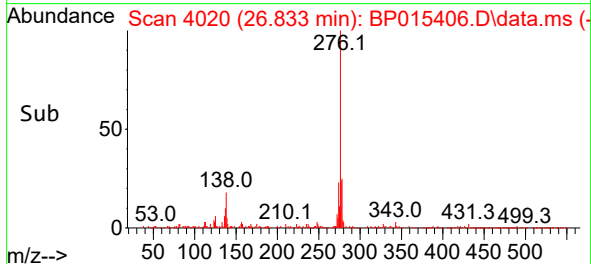
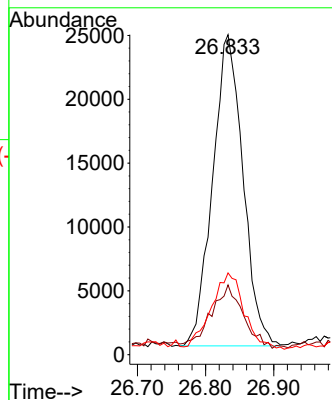
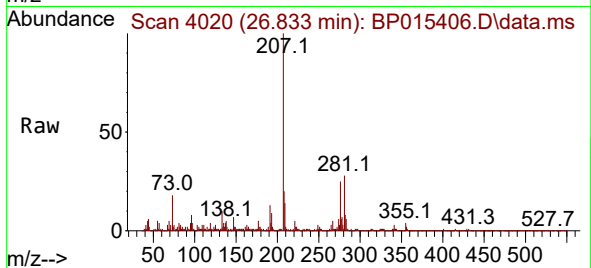
Tgt Ion:276 Resp: 75430

Ion Ratio Lower Upper

276 100

138 21.8 17.3 25.9

277 25.5 20.2 30.2



#96

Benzo(g,h,i)perylene

Concen: 1.681 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.012 min

Lab File: BP015406.D

Acq: 07 Jun 2023 19:15

Tgt Ion:276 Resp: 81376

Ion Ratio Lower Upper

276 100

138 18.5 15.6 23.4

277 22.9 19.0 28.6

