

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015516.D
 Acq On : 14 Jun 2023 14:22
 Operator : MA/JU
 Sample : 02950-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW984

Quant Time: Jun 14 23:09:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

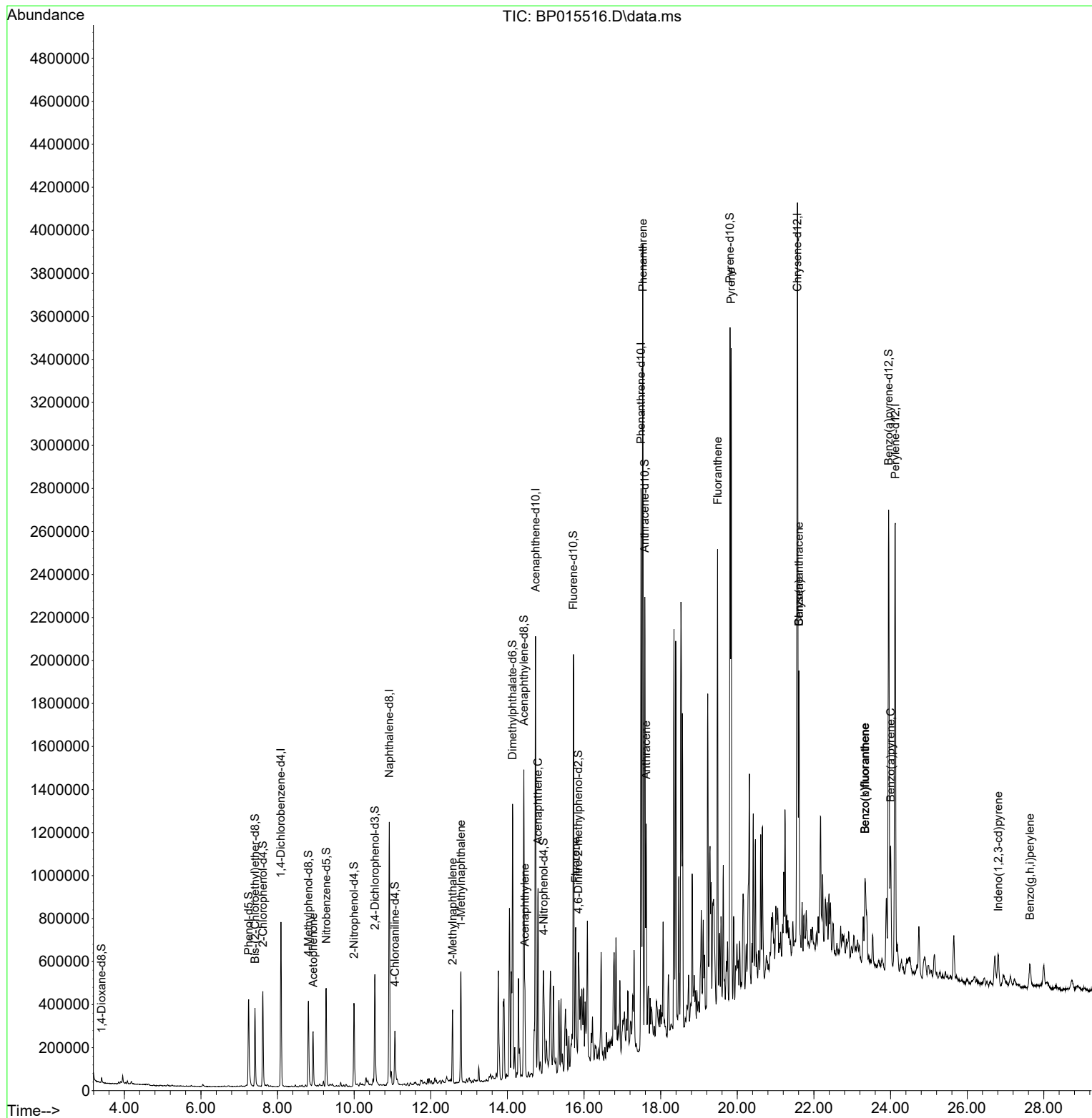
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	199823	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	942899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	643649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1476091	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1431208	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1706222	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	12698	2.353	ng/uL	0.00
4) Pyridine-d5	3.840	84	551	0.039	ng/ul	0.00
7) Phenol-d5	7.246	99	231885	12.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	162761	14.804	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	191689	14.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	150964	9.992	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	103221	13.944	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	118076	13.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	198944	12.901	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	139115	6.285	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	784361	15.454	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	855204	15.409	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	69355	7.630	ng/ul	0.00
60) Fluorene-d10	15.722	176	689696	16.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	91161	9.749	ng/ul	0.00
73) Anthracene-d10	17.586	188	1099381	16.370	ng/ul	0.00
81) Pyrene-d10	19.810	212	1444901	18.863	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1541146	18.002	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.928	105	134640	5.584	ng/ul	97
36) 2-Methylnaphthalene	12.569	142	152716	4.252	ng/ul	99
37) 1-Methylnaphthalene	12.787	142	225804	6.244	ng/ul	96
50) Acenaphthylene	14.457	152	88095	1.433	ng/ul#	89
52) Acenaphthene	14.798	153	328626	7.735	ng/ul	99
61) Fluorene	15.781	166	276241	5.628	ng/ul	98
72) Phenanthrene	17.533	178	2223476	28.070	ng/ul	100
74) Anthracene	17.622	178	604508	7.521	ng/ul	100
80) Fluoranthene	19.486	202	1097219	11.759	ng/ul	99
82) Pyrene	19.839	202	1613383	16.713	ng/ul	99
85) Benzo(a)anthracene	21.610	228	775200	7.748	ng/ul	92
87) Chrysene	21.610	228	771713	8.160	ng/ul	95
90) Benzo(b)fluoranthene	23.333	252	430799	3.911	ng/ul#	97
91) Benzo(k)fluoranthene	23.333	252	430799	4.046	ng/ul#	97
93) Benzo(a)pyrene	24.004	252	461224	4.803	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.809	276	155975	1.255	ng/ul#	89
96) Benzo(g,h,i)perylene	27.639	276	144442	1.410	ng/ul	99

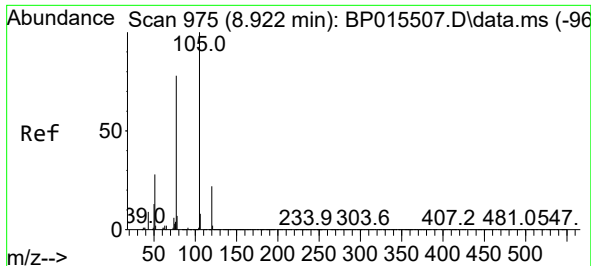
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
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Quant Title : SVOA CALIBRATION
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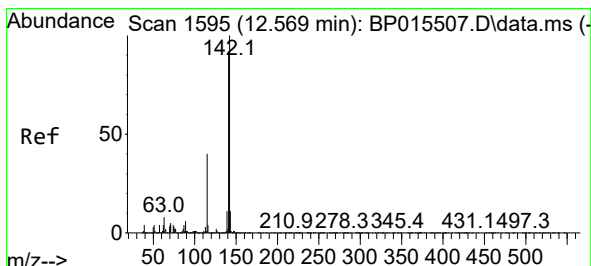
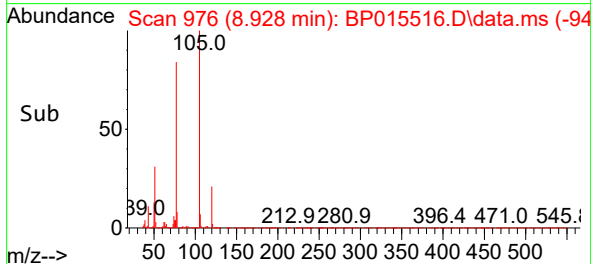
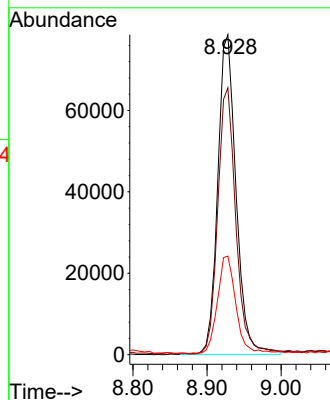
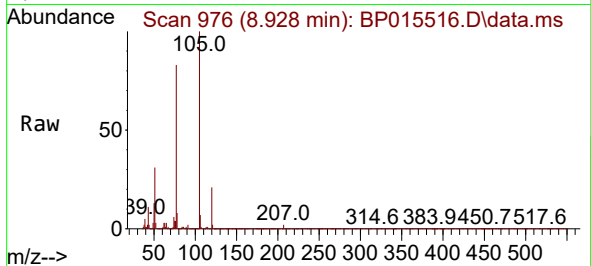




#16
Acetophenone
Concen: 5.584 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

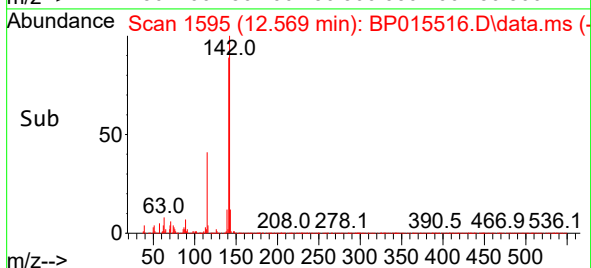
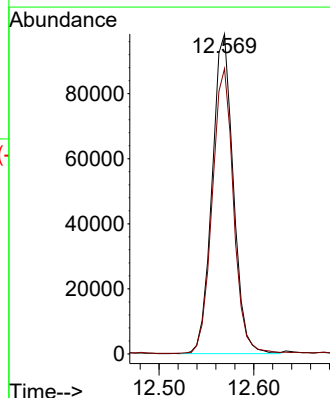
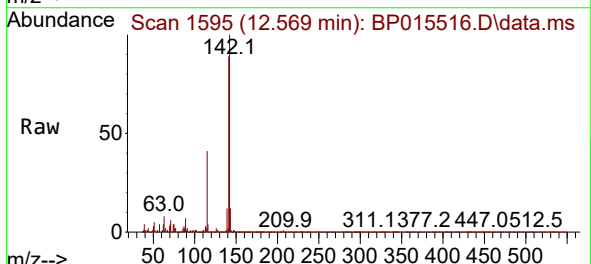
Instrument :
BNA_P
ClientSampleId :
EW984

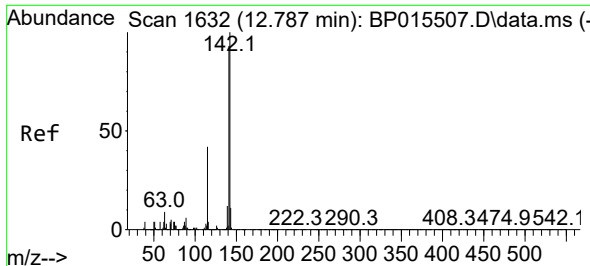
Tgt Ion:105 Resp: 134640
Ion Ratio Lower Upper
105 100
77 83.4 64.9 97.3
51 30.8 23.5 35.3



#36
2-Methylnaphthalene
Concen: 4.252 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

Tgt Ion:142 Resp: 152716
Ion Ratio Lower Upper
142 100
141 89.1 72.0 108.0

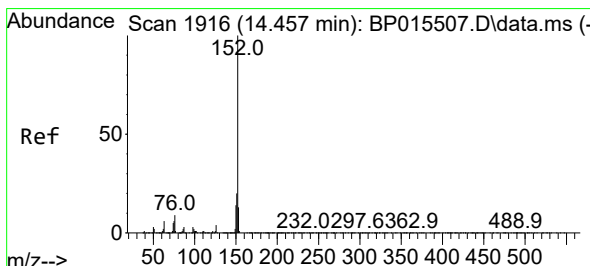
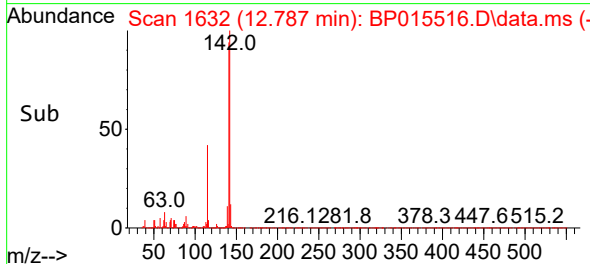
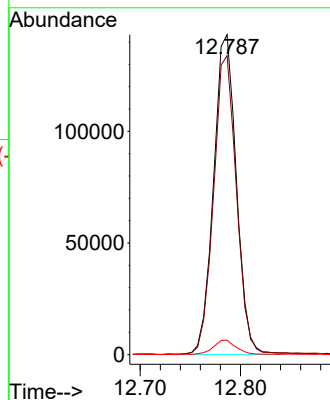
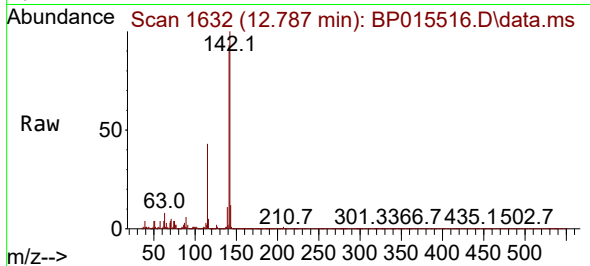




#37
1-Methylnaphthalene
Concen: 6.244 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

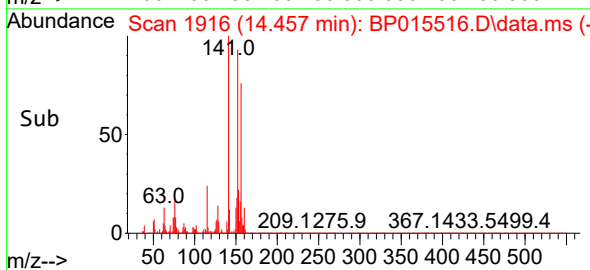
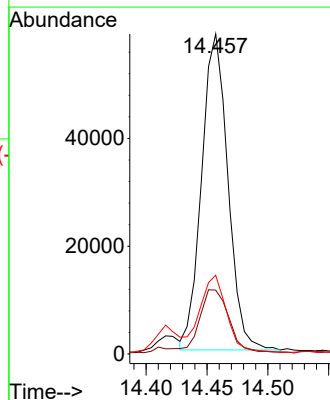
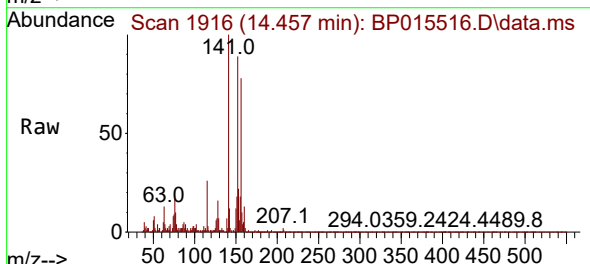
Instrument :
BNA_P
ClientSampleId :
EW984

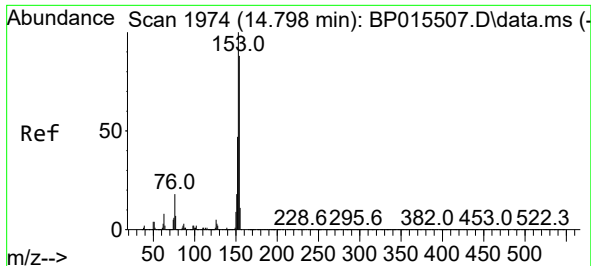
Tgt Ion:142 Resp: 225804
Ion Ratio Lower Upper
142 100
141 93.4 71.9 107.9
116 4.6 3.4 5.2



#50
Acenaphthylene
Concen: 1.433 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

Tgt Ion:152 Resp: 88095
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 24.6 10.6 15.8#

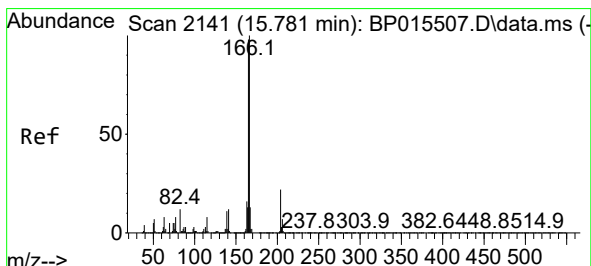
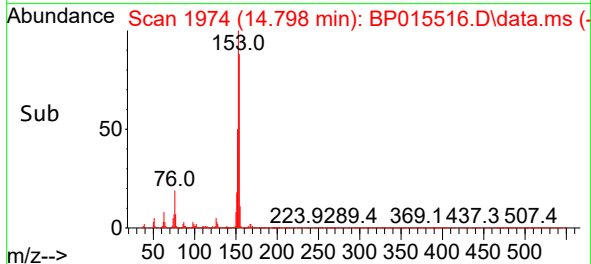
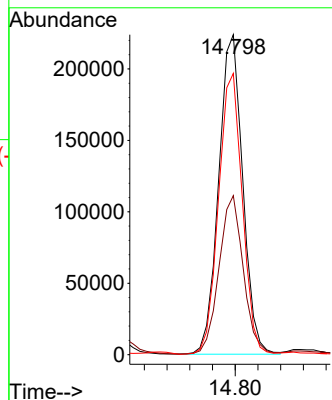
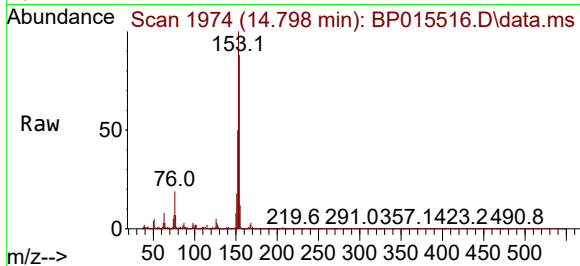




#52
Acenaphthene
Concen: 7.735 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

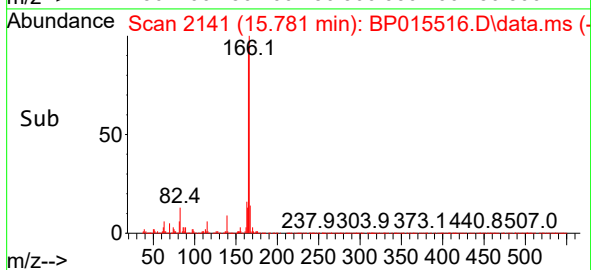
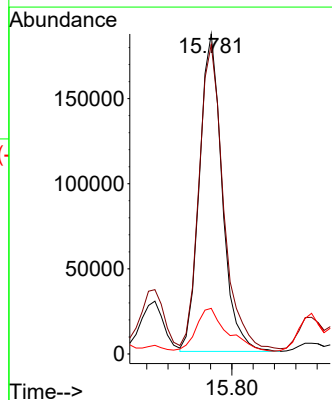
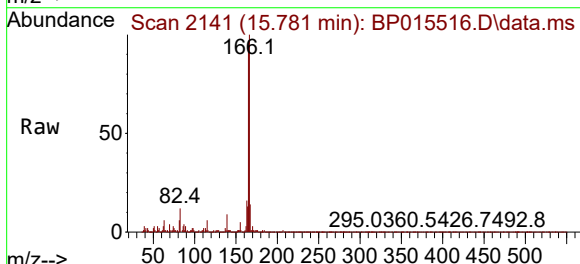
Instrument :
BNA_P
ClientSampleId :
EW984

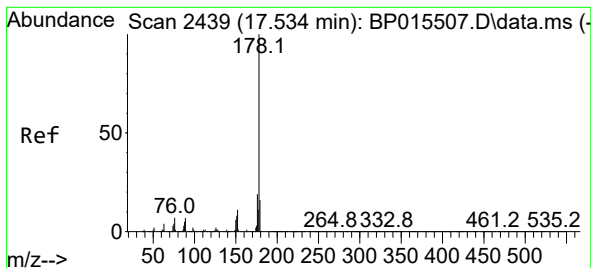
Tgt Ion:153 Resp: 328626
Ion Ratio Lower Upper
153 100
152 49.7 38.3 57.5
154 87.9 69.8 104.6



#61
Fluorene
Concen: 5.628 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

Tgt Ion:166 Resp: 276241
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 14.3 10.6 16.0





#72

Phenanthrene

Concen: 28.070 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

EW984

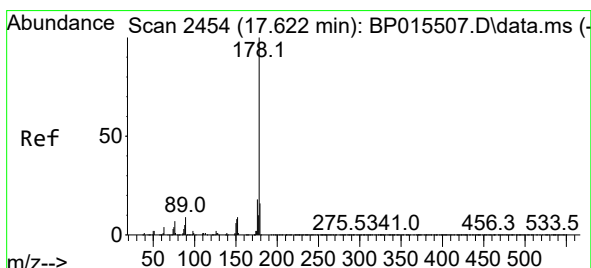
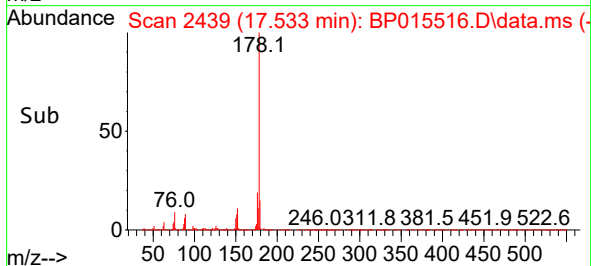
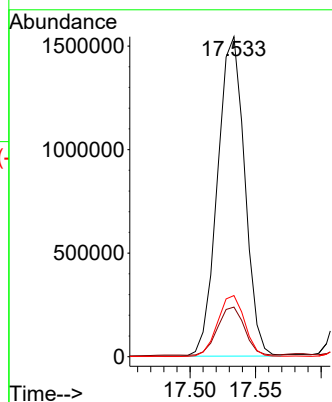
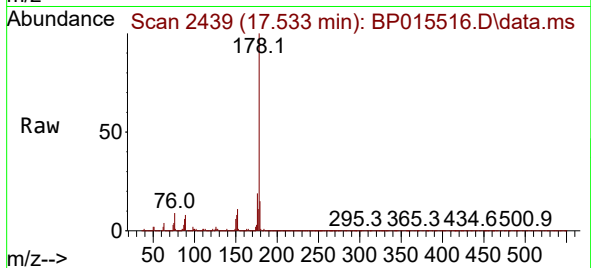
Tgt Ion:178 Resp: 2223476

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.1 15.4 23.0



#74

Anthracene

Concen: 7.521 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. -0.006 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

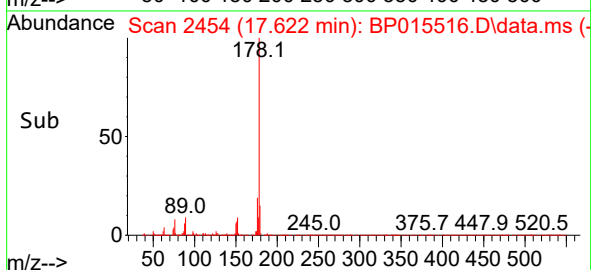
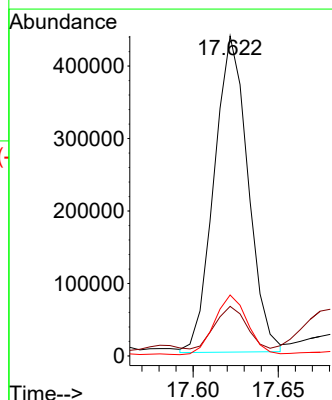
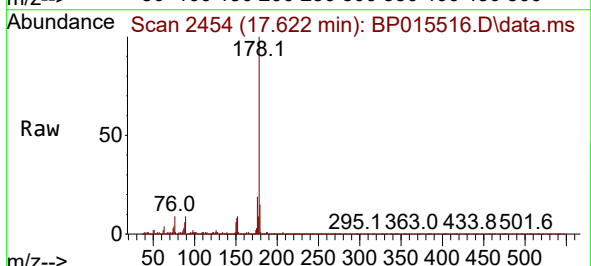
Tgt Ion:178 Resp: 604508

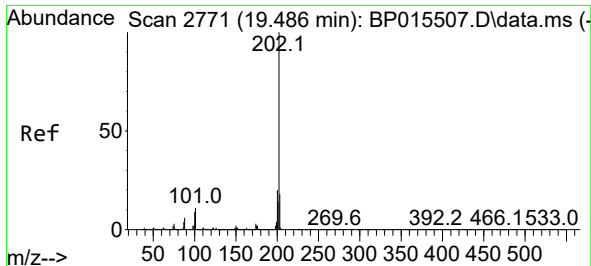
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.1 15.0 22.4

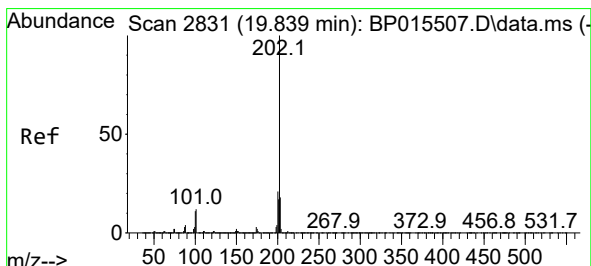
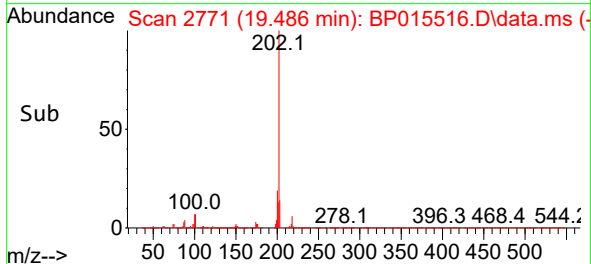
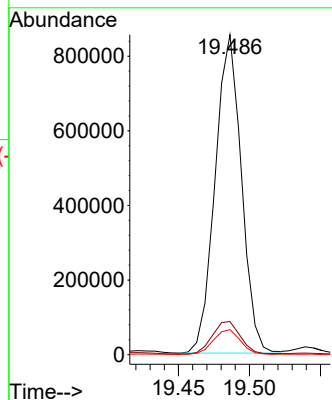
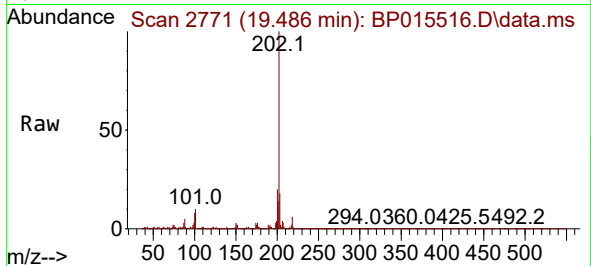




#80
Fluoranthene
Concen: 11.759 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

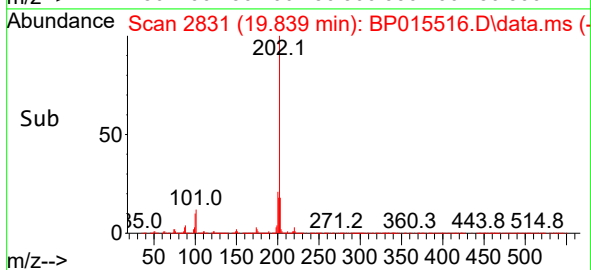
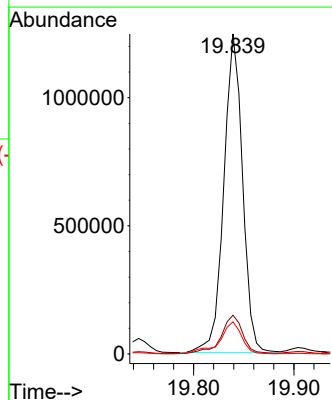
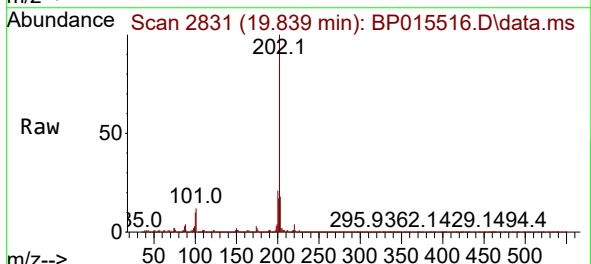
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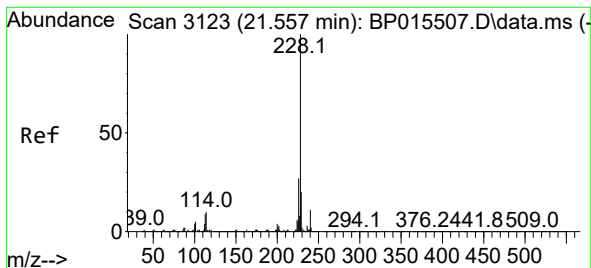
Tgt Ion:202 Resp: 1097219
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 7.9 6.6 9.8



#82
Pyrene
Concen: 16.713 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

Tgt Ion:202 Resp: 1613383
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.1 8.4 12.6





#85

Benzo(a)anthracene

Concen: 7.748 ng/ul

RT: 21.610 min Scan# 3123

Delta R.T. 0.053 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

EW984

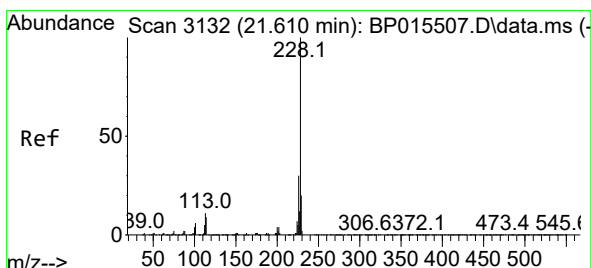
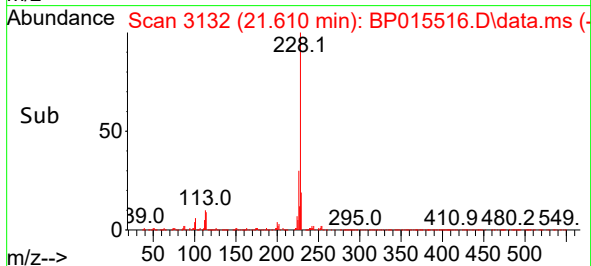
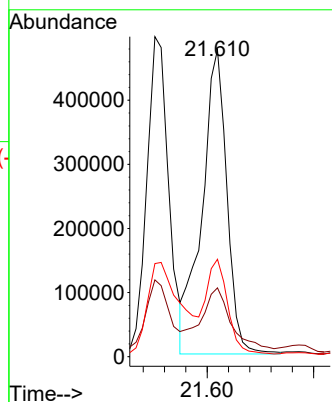
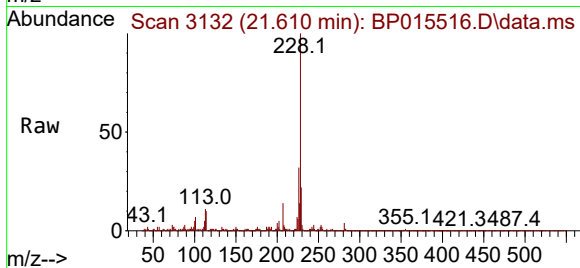
Tgt Ion:228 Resp: 775200

Ion Ratio Lower Upper

228 100

229 22.4 15.8 23.6

226 31.7 21.8 32.6



#87

Chrysene

Concen: 8.160 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

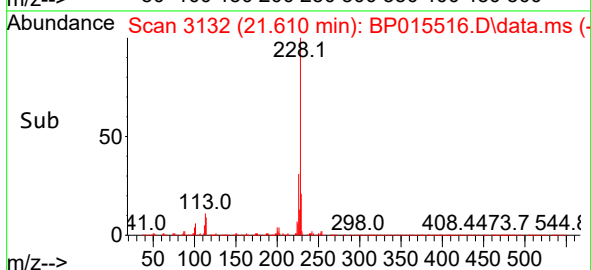
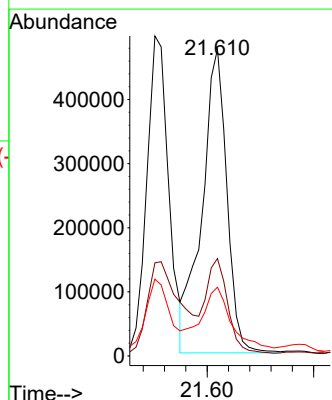
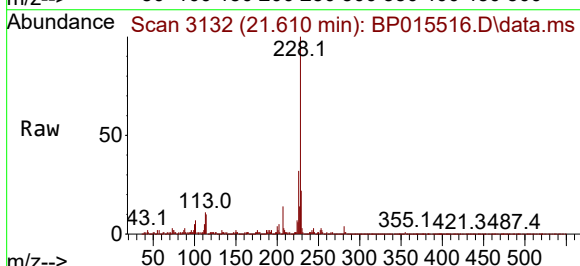
Tgt Ion:228 Resp: 771713

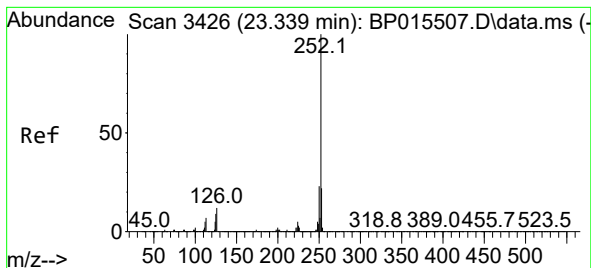
Ion Ratio Lower Upper

228 100

226 31.7 23.9 35.9

229 22.4 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 3.911 ng/ul

RT: 23.333 min Scan# 3426

Delta R.T. -0.006 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

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BNA_P

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EW984

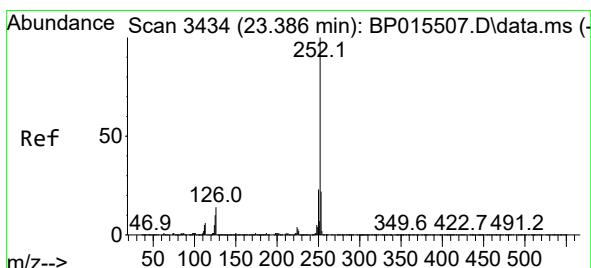
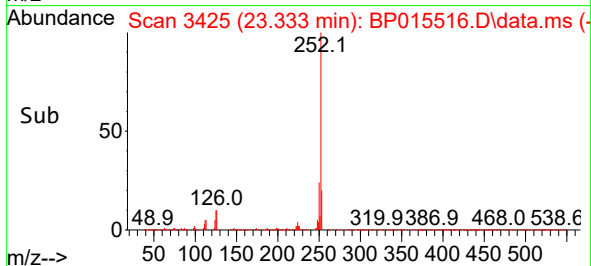
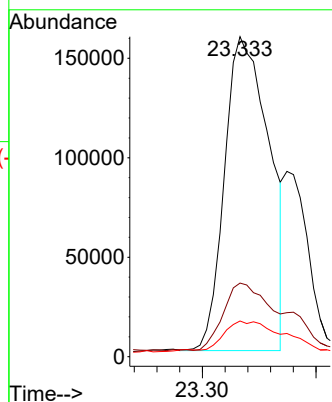
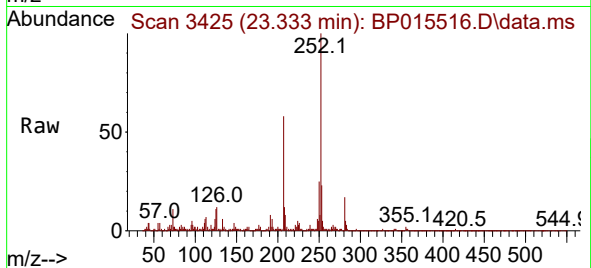
Tgt Ion:252 Resp: 430799

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 11.2 7.3 10.9#



#91

Benzo(k)fluoranthene

Concen: 4.046 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.053 min

Lab File: BP015516.D

Acq: 14 Jun 2023 14:22

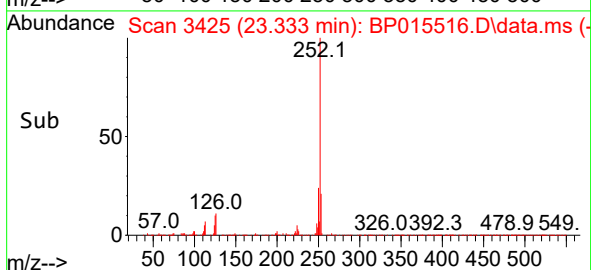
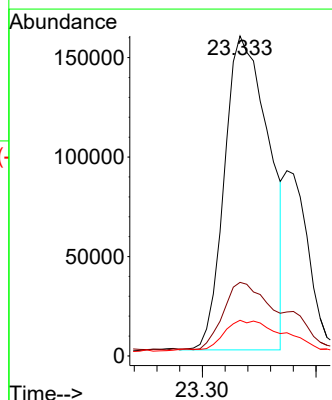
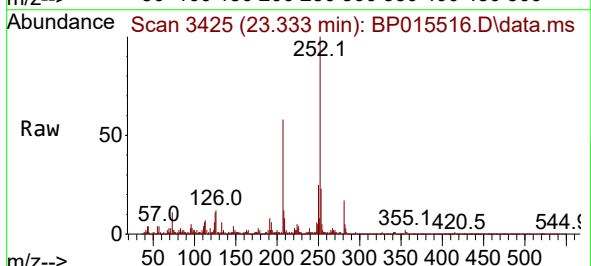
Tgt Ion:252 Resp: 430799

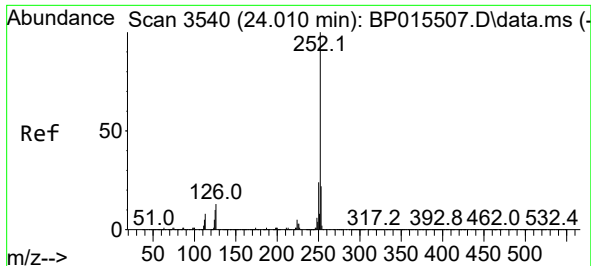
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 11.2 7.3 10.9#

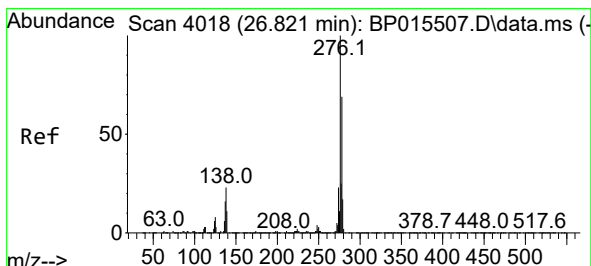
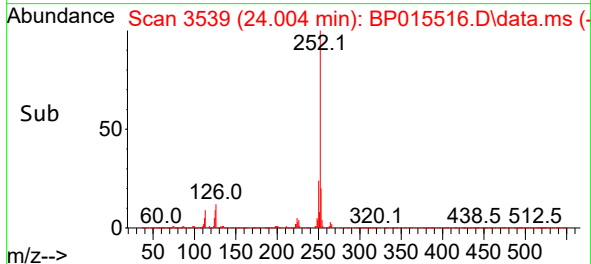
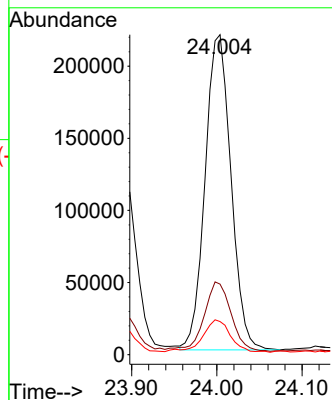
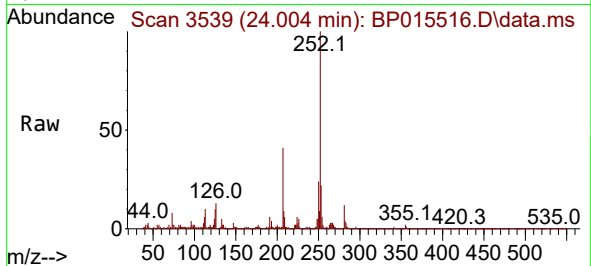




#93
Benzo(a)pyrene
Concen: 4.803 ng/ul
RT: 24.004 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

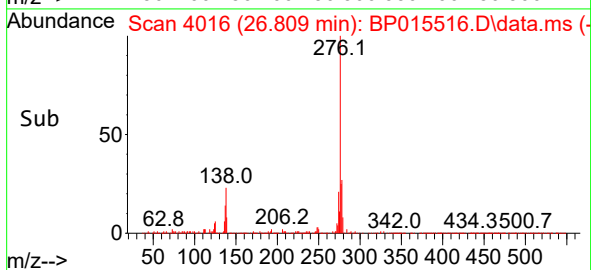
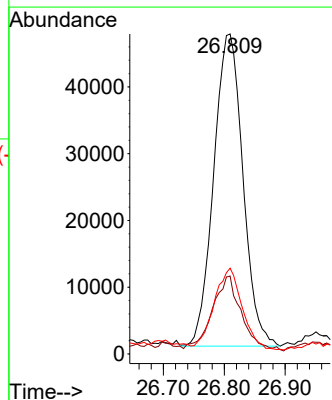
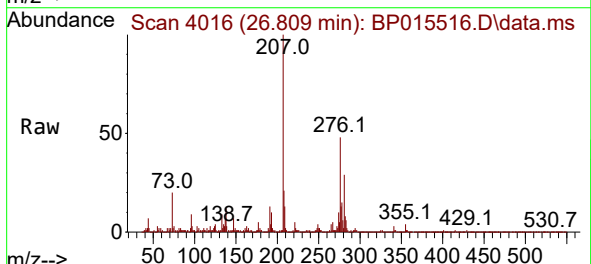
Instrument :
BNA_P
ClientSampleId :
EW984

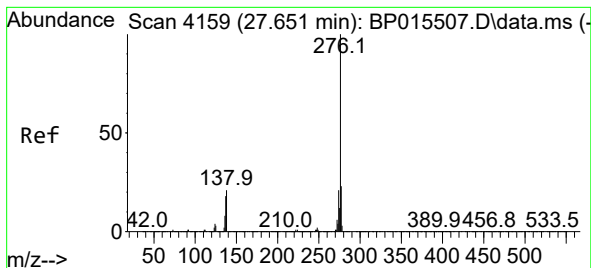
Tgt Ion:252 Resp: 461224
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.4 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.255 ng/ul
RT: 26.809 min Scan# 4016
Delta R.T. -0.018 min
Lab File: BP015516.D
Acq: 14 Jun 2023 14:22

Tgt Ion:276 Resp: 155975
Ion Ratio Lower Upper
276 100
138 31.6 17.3 25.9#
277 26.8 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 1.410 ng/ul

RT: 27.639 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP015516.D

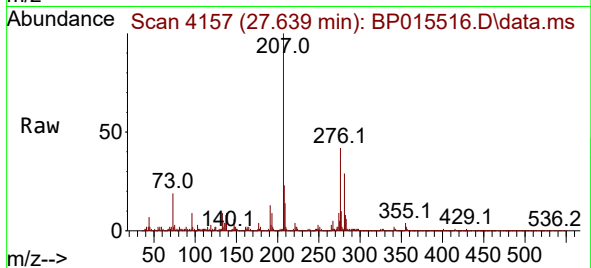
Acq: 14 Jun 2023 14:22

Instrument :

BNA_P

ClientSampleId :

EW984



Tgt Ion:276 Resp: 144442

Ion Ratio Lower Upper

276 100

138 20.8 15.6 23.4

277 23.9 19.0 28.6

