

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014017.D
 Acq On : 09 Mar 2023 18:57
 Operator : CG/JU
 Sample : 01713-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBZZ6

Quant Time: Mar 10 00:21:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

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

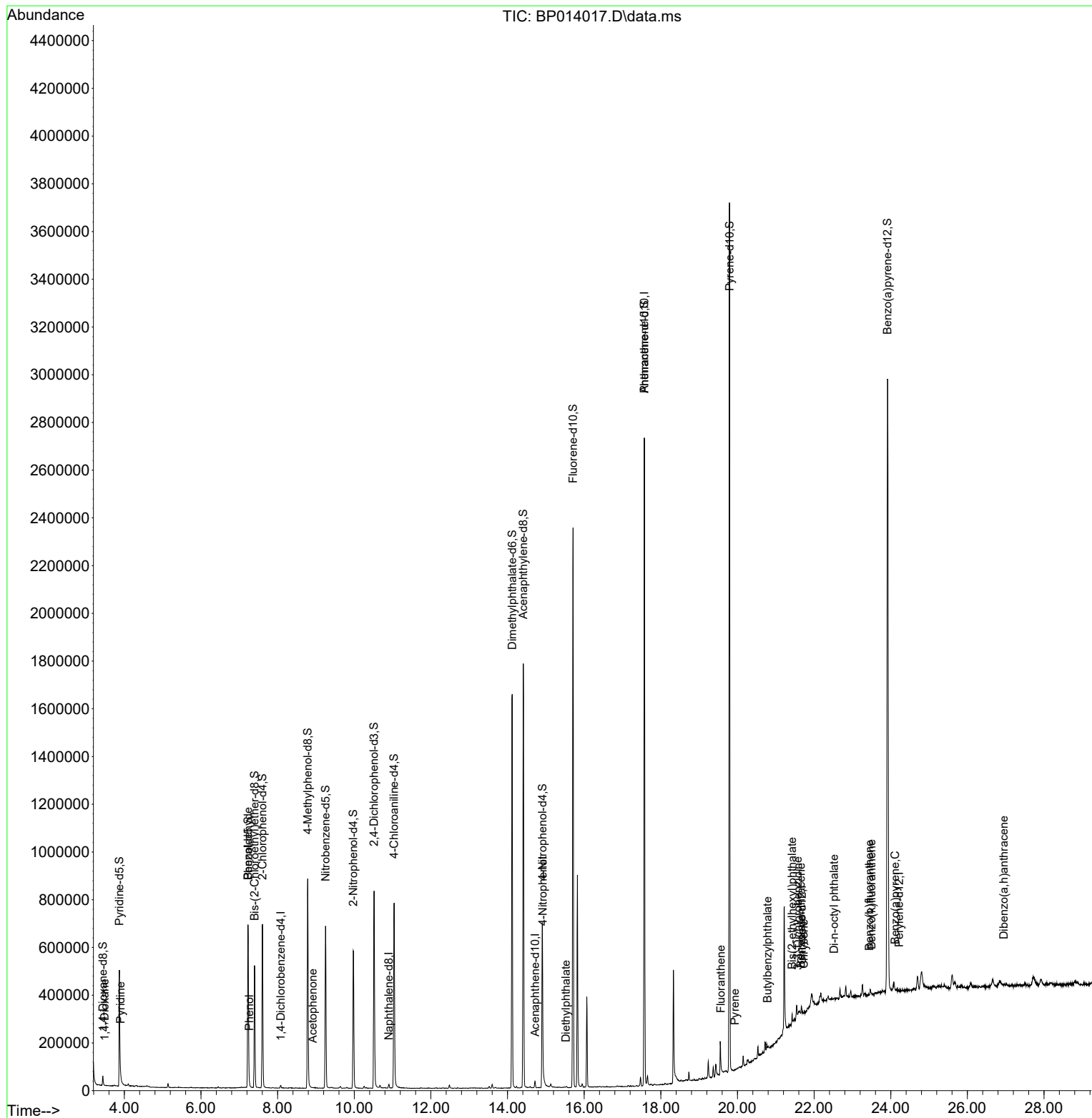
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	3185	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	12616	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.716	164	9523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1463790	20.000	ng/ul	0.09
79) Chrysene-d12	21.680	240	48	20.000	ng/ul	# 0.12
88) Perylene-d12	24.221	264	651	20.000	ng/ul	# 0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	21210	251.607	ng/uL	0.00
4) Pyridine-d5	3.870	84	273191	1170.485	ng/ul	0.00
7) Phenol-d5	7.228	99	375839	1337.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	217643	1327.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	281050	1312.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	308949	1345.671	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	143130	1421.878	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	169899	1409.974	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	290298	1280.377	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	379235	1263.924	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1042812	1290.300	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1115435	1302.853	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	164094	1152.158	ng/ul	0.00
60) Fluorene-d10	15.710	176	881093	1286.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	416	0.038	ng/ul	0.05
73) Anthracene-d10	17.569	188	1463790	20.599	ng/ul	0.00
81) Pyrene-d10	19.792	212	1921474	725809.339	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	2020133	58337.598	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	110	1.209	ng/uL#	27
5) Pyridine	3.899	79	307	1.297	ng/ul#	1
6) Benzaldehyde	7.228	77	2564	18.334	ng/ul#	61
8) Phenol	7.258	94	5119	17.661	ng/ul#	88
16) Acetophenone	8.916	105	401	1.081	ng/ul#	68
55) 4-Nitrophenol	14.916	109	181	1.177	ng/ul#	1
59) Diethylphthalate	15.522	149	1148	1.415	ng/ul#	92
80) Fluoranthene	19.563	202	32	10.605	ng/ul#	1
82) Pyrene	19.933	202	5	1.588	ng/ul#	1
83) Butylbenzylphthalate	20.786	149	94	74.060	ng/ul#	38
84) 3,3'-Dichlorobenzidine	21.575	252	183	148.928	ng/ul#	66
85) Benzo(a)anthracene	21.657	228	25	7.405	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.428	149	13229	6971.496	ng/ul	98
87) Chrysene	21.728	228	47	14.607	ng/ul#	1
89) Di-n-octyl phthalate	22.522	149	362	8.813	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	159	3.665	ng/ul#	1
91) Benzo(k)fluoranthene	23.498	252	346	8.365	ng/ul#	1
93) Benzo(a)pyrene	24.110	252	177	4.691	ng/ul#	1
95) Dibenzo(a,h)anthracene	26.951	278	147	3.541	ng/ul#	1

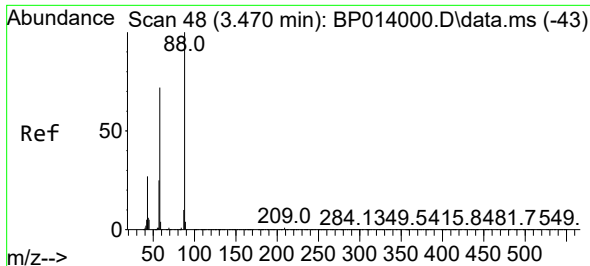
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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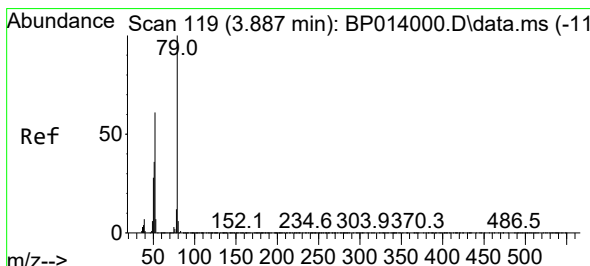
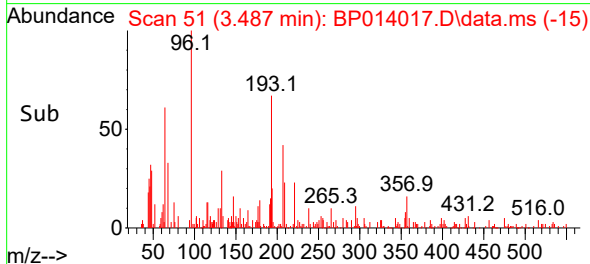
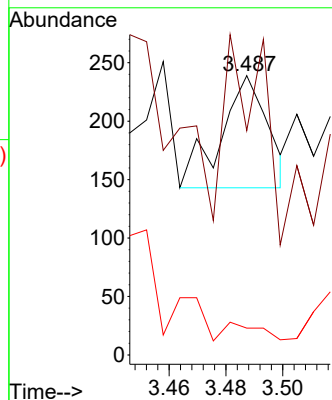
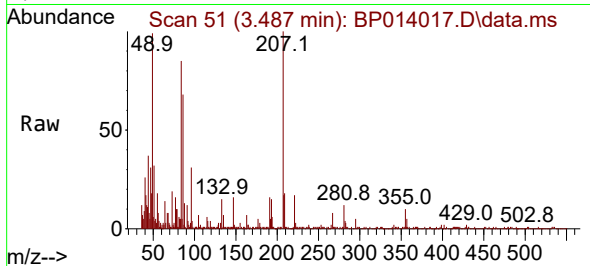




#2
1,4-Dioxane
Concen: 1.209 ng/uL
RT: 3.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

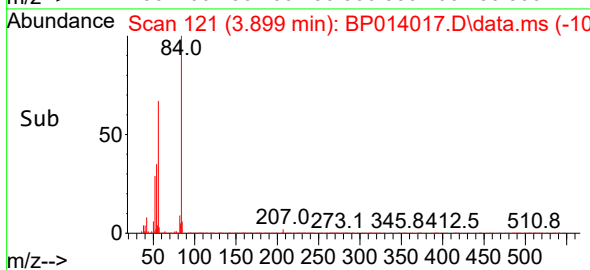
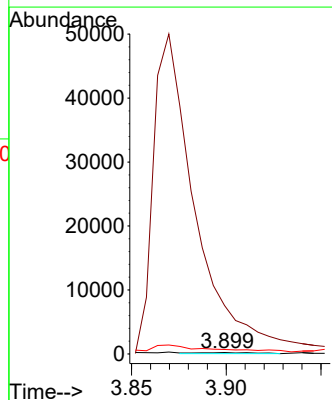
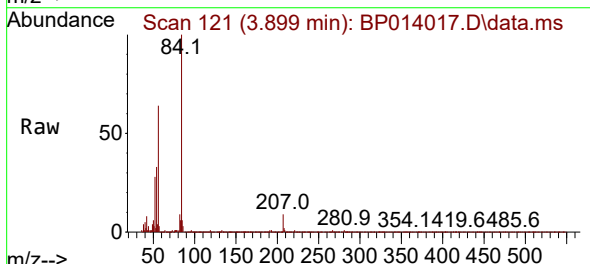
Instrument :
BNA_P
ClientSampleId :
DBZZ6

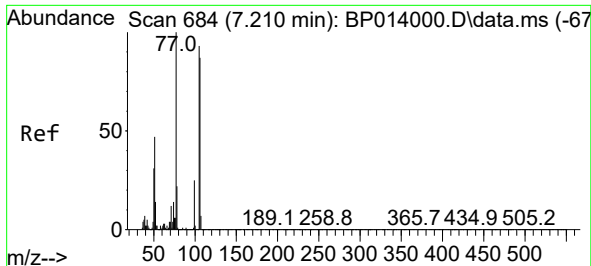
Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 74.1 23.9 35.9#
58 8.9 50.2 75.2#



#5
Pyridine
Concen: 1.297 ng/uL
RT: 3.899 min Scan# 121
Delta R.T. 0.006 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

Tgt Ion: 79 Resp: 307
Ion Ratio Lower Upper
79 100
52 3201.3 55.1 82.7#
51 299.2 28.9 43.3#

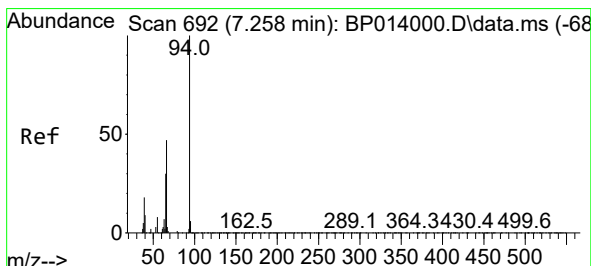
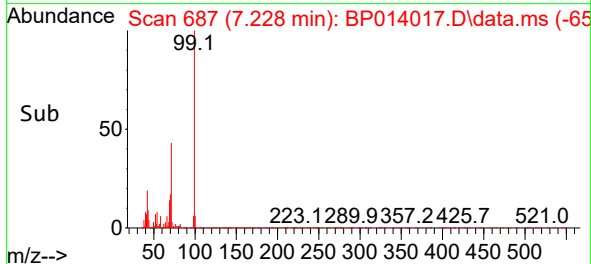
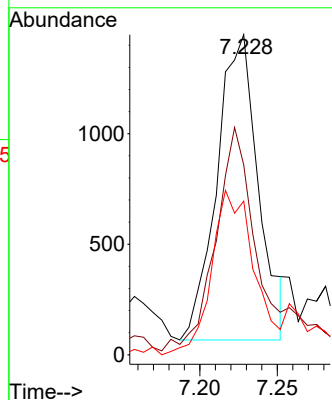
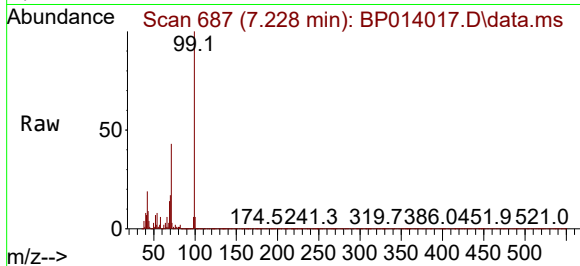




#6
Benzaldehyde
Concen: 18.334 ng/ul
RT: 7.228 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

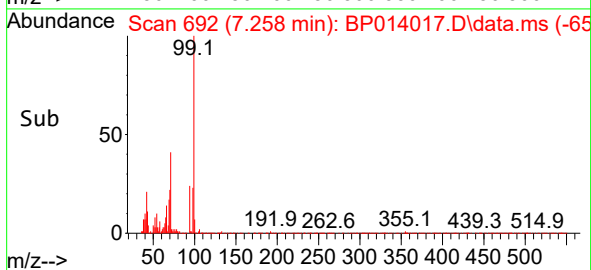
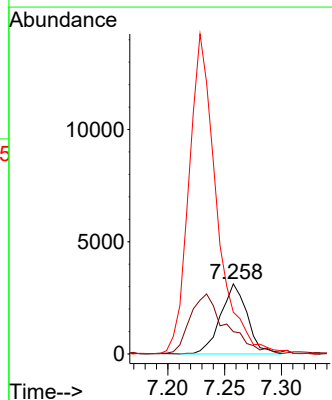
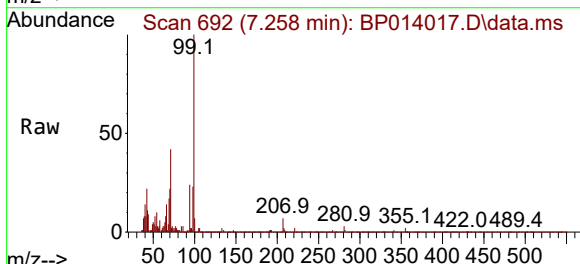
Instrument :
BNA_P
ClientSampleId :
DBZZ6

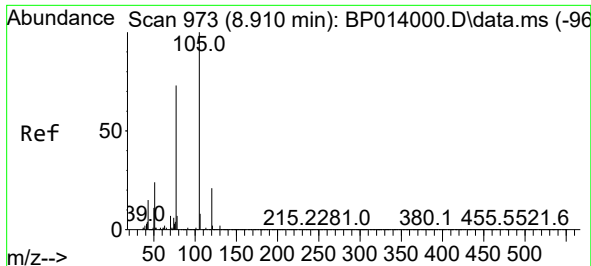
Tgt Ion: 77 Resp: 2564
Ion Ratio Lower Upper
77 100
105 59.3 74.2 111.2#
106 48.0 69.8 104.8#



#8
Phenol
Concen: 17.661 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

Tgt Ion: 94 Resp: 5119
Ion Ratio Lower Upper
94 100
65 31.6 25.2 37.8
66 59.5 37.2 55.8#

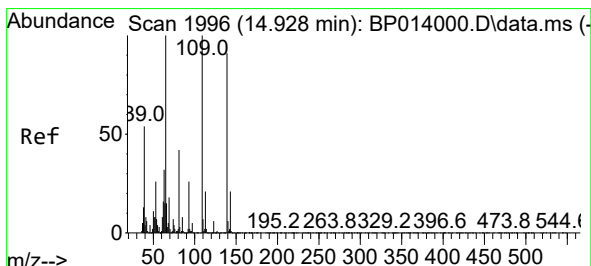
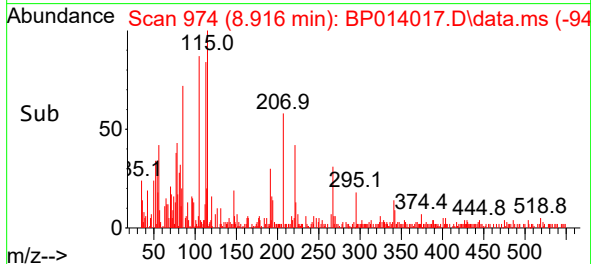
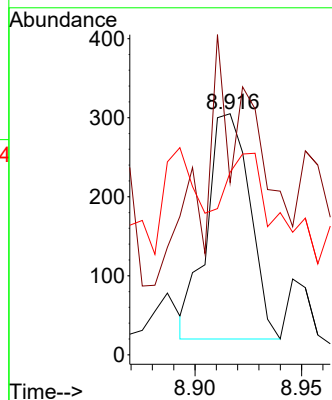
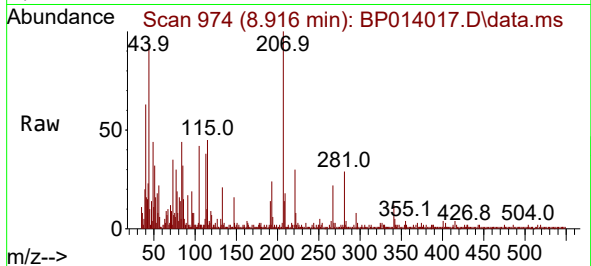




#16
Acetophenone
Concen: 1.081 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

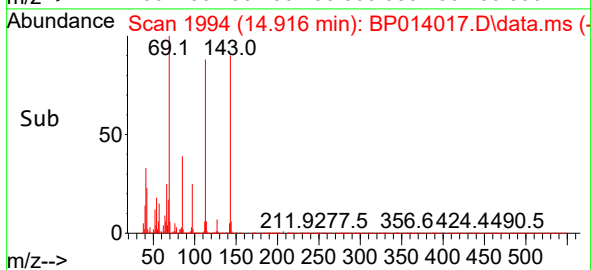
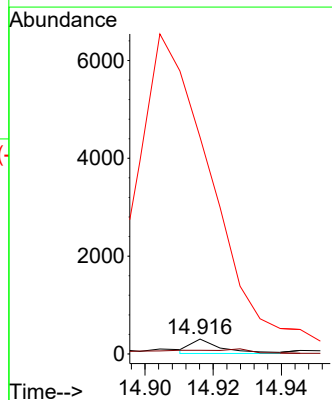
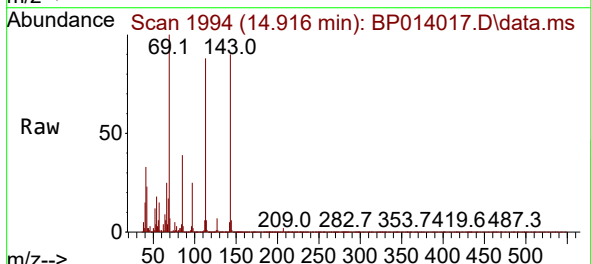
Instrument :
BNA_P
ClientSampleId :
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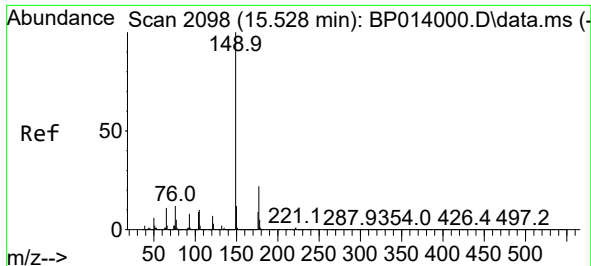
Tgt Ion:105 Resp: 401
Ion Ratio Lower Upper
105 100
77 71.5 65.4 98.2
51 75.7 21.8 32.8#



#55
4-Nitrophenol
Concen: 1.177 ng/ul
RT: 14.916 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

Tgt Ion:109 Resp: 181
Ion Ratio Lower Upper
109 100
139 24.2 74.5 111.7#
65 1448.4 86.6 130.0#

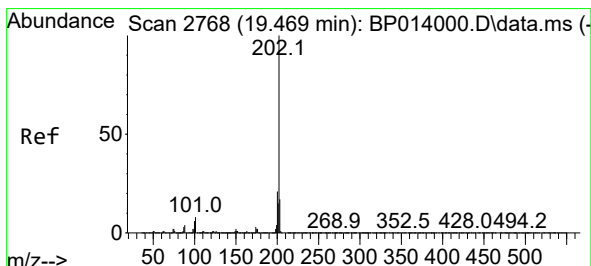
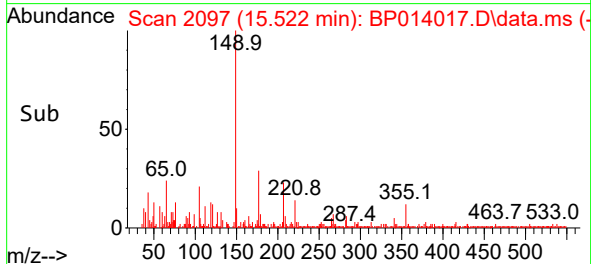
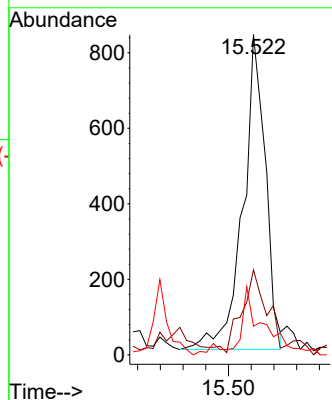
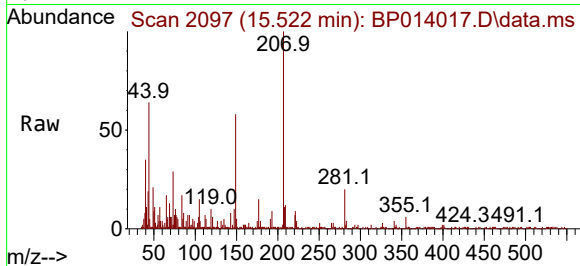




#59
Diethylphthalate
Concen: 1.415 ng/ul
RT: 15.522 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

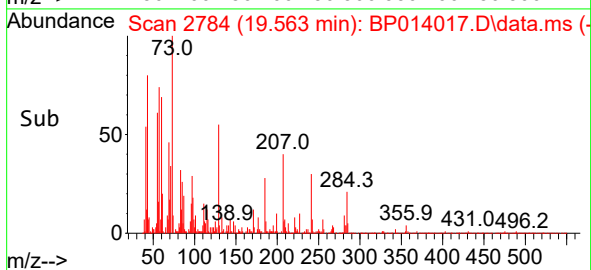
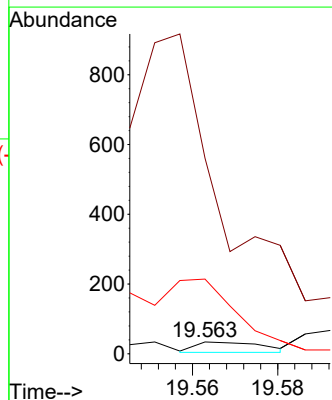
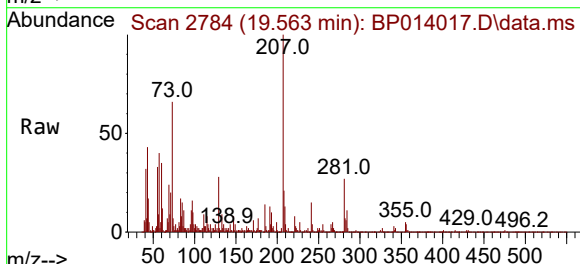
Instrument :
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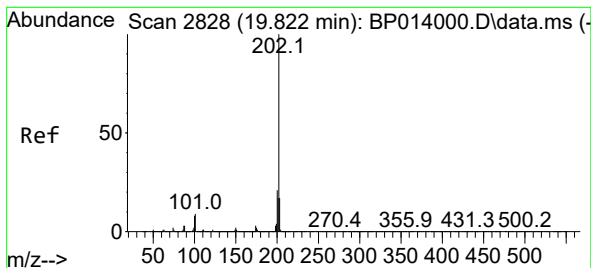
Tgt Ion:149 Resp: 1148
Ion Ratio Lower Upper
149 100
177 26.5 18.2 27.2
150 9.0 10.0 15.0#



#80
Fluoranthene
Concen: 10.605 ng/ul
RT: 19.563 min Scan# 2784
Delta R.T. 0.094 min
Lab File: BP014017.D
Acq: 09 Mar 2023 18:57

Tgt Ion:202 Resp: 32
Ion Ratio Lower Upper
202 100
101 1650.0 6.6 10.0#
100 629.4 5.0 7.4#





#82

Pyrene

Concen: 1.588 ng/ul

RT: 19.933 min Scan# 21

Delta R.T. 0.106 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

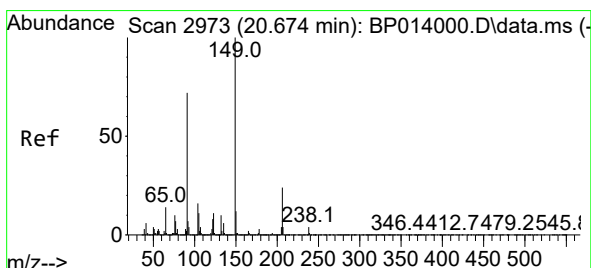
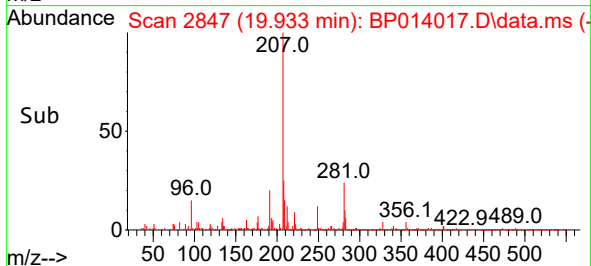
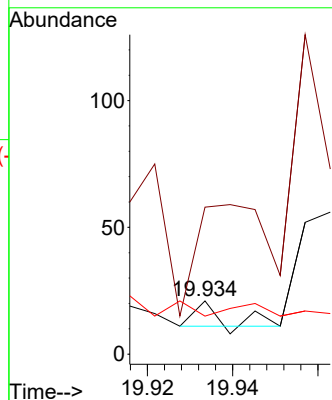
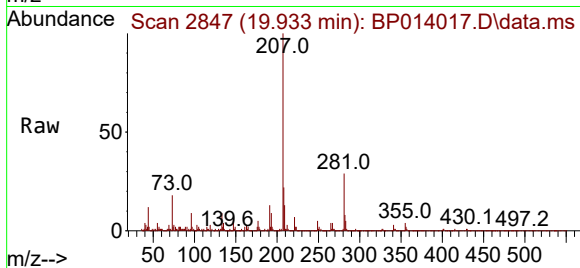
Instrument :

BNA_P

ClientSampleId :

DBZZ6

Tgt Ion:202	Resp:	5
Ion Ratio	Lower	Upper
202	100	
101	276.2	7.8 11.8#
100	152.4	6.5 9.7#



#83

Butylbenzylphthalate

Concen: 74.060 ng/ul

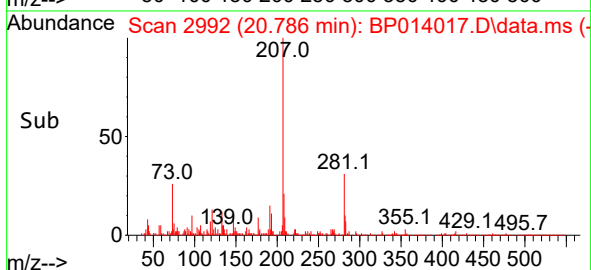
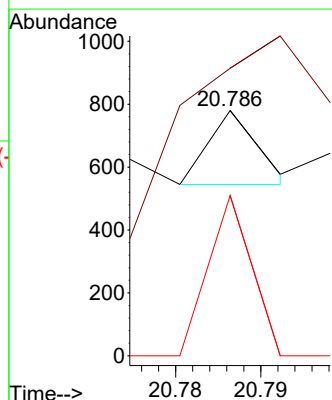
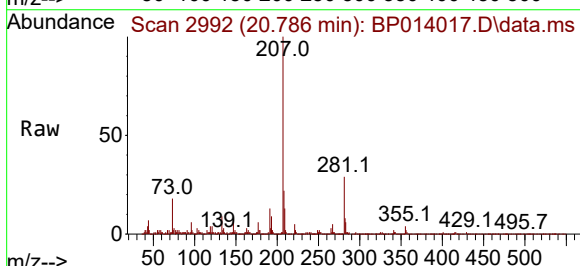
RT: 20.786 min Scan# 2992

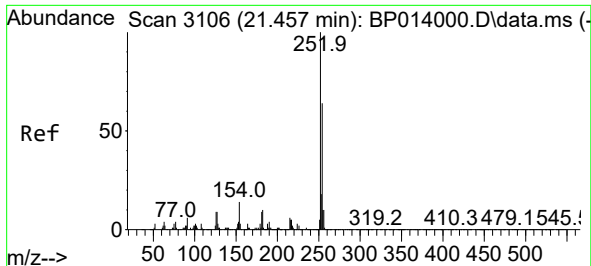
Delta R.T. 0.112 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

Tgt Ion:149	Resp:	94
Ion Ratio	Lower	Upper
149	100	
91	117.2	57.9 86.9#
206	65.4	17.9 26.9#

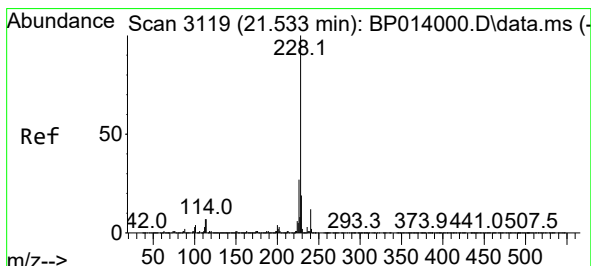
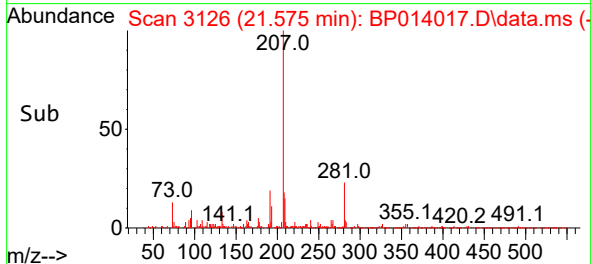
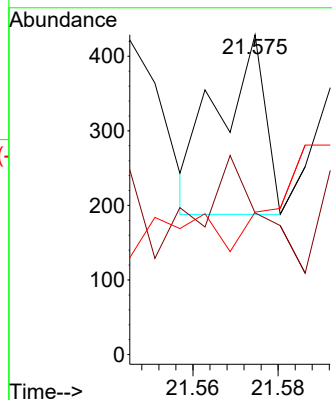
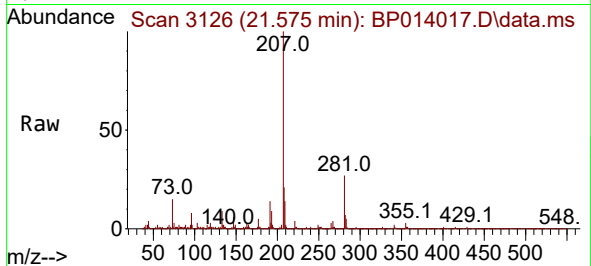




#84
 3,3'-Dichlorobenzidine
 Concen: 148.928 ng/ul
 RT: 21.575 min Scan# 3106
 Delta R.T. 0.112 min
 Lab File: BP014017.D
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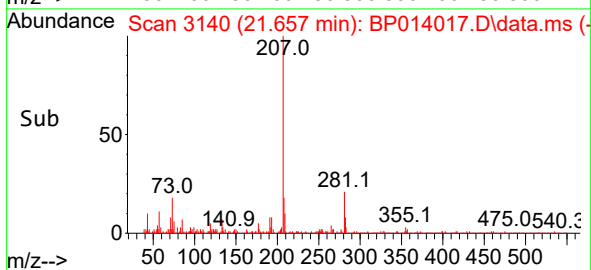
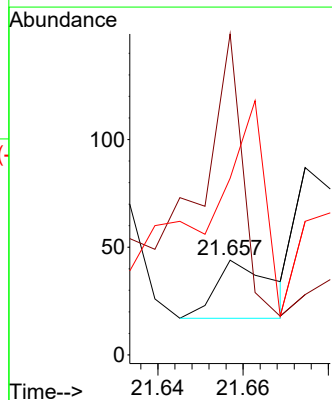
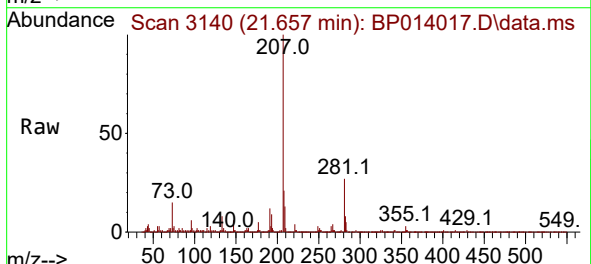
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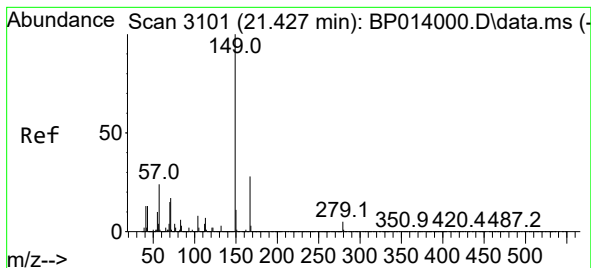
Tgt Ion:252 Resp: 183
 Ion Ratio Lower Upper
 252 100
 254 44.3 51.3 76.9#
 126 44.5 6.9 10.3#



#85
 Benzo(a)anthracene
 Concen: 7.405 ng/ul
 RT: 21.657 min Scan# 3140
 Delta R.T. 0.118 min
 Lab File: BP014017.D
 Acq: 09 Mar 2023 18:57

Tgt Ion:228 Resp: 25
 Ion Ratio Lower Upper
 228 100
 229 338.6 15.5 23.3#
 226 240.9 22.1 33.1#

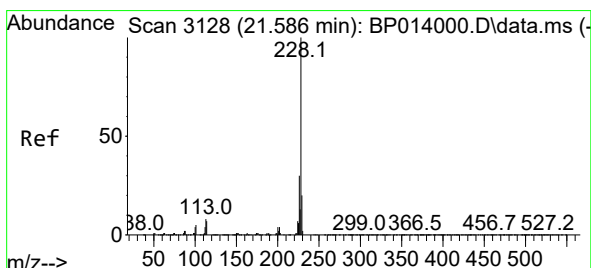
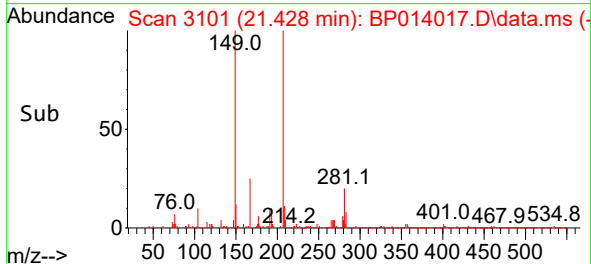
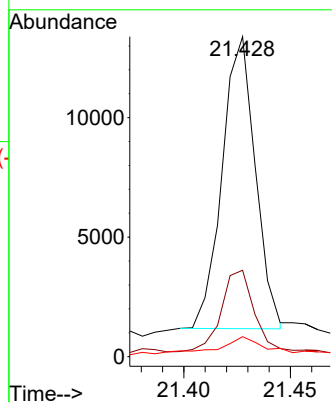
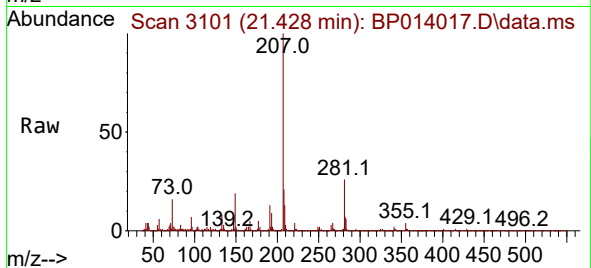




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 6971.496 ng/ul
 RT: 21.428 min Scan# 3101
 Delta R.T. -0.006 min
 Lab File: BP014017.D
 Acq: 09 Mar 2023 18:57

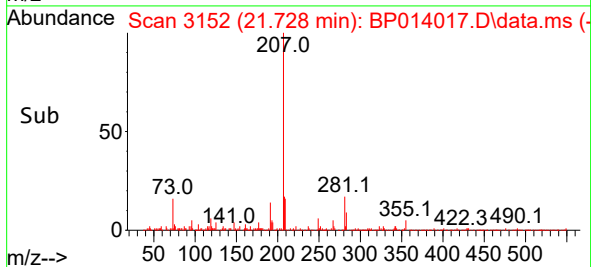
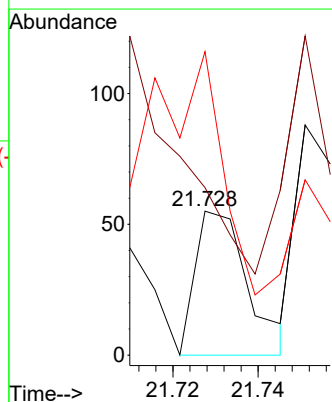
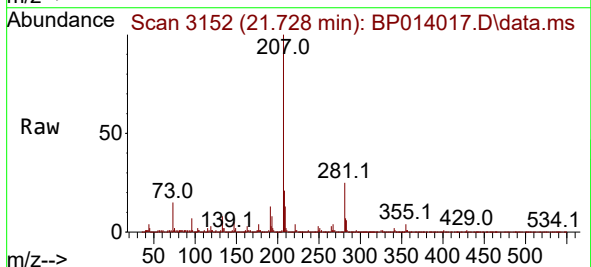
Instrument :
 BNA_P
 ClientSampleId :
 DBZZ6

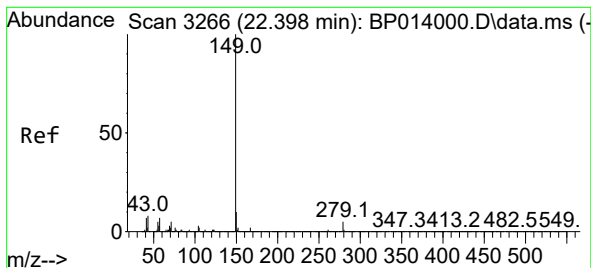
Tgt Ion:149 Resp: 13229
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.3 33.5
 279 6.2 4.3 6.5



#87
 Chrysene
 Concen: 14.607 ng/ul
 RT: 21.728 min Scan# 3152
 Delta R.T. 0.135 min
 Lab File: BP014017.D
 Acq: 09 Mar 2023 18:57

Tgt Ion:228 Resp: 47
 Ion Ratio Lower Upper
 228 100
 226 116.4 24.2 36.2#
 229 210.9 15.7 23.5#





#89

Di-n-octyl phthalate

Concen: 8.813 ng/ul

RT: 22.522 min Scan# 31

Delta R.T. 0.118 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

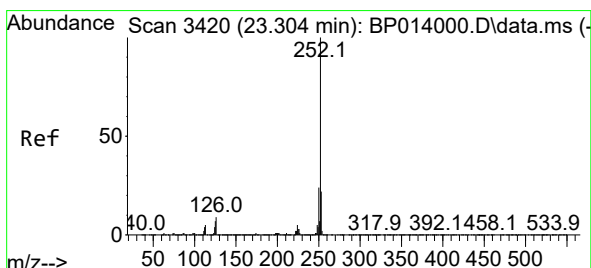
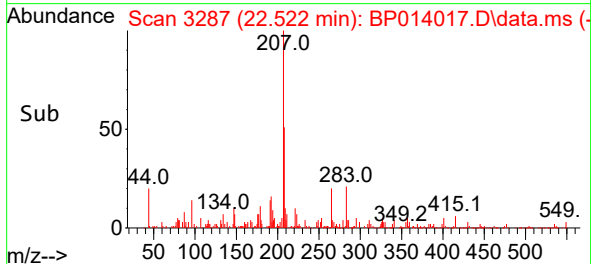
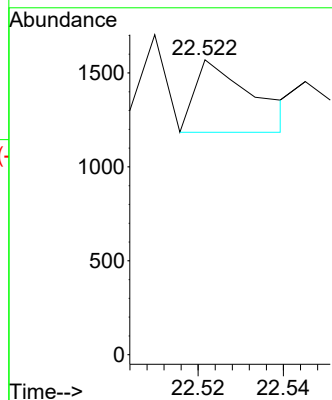
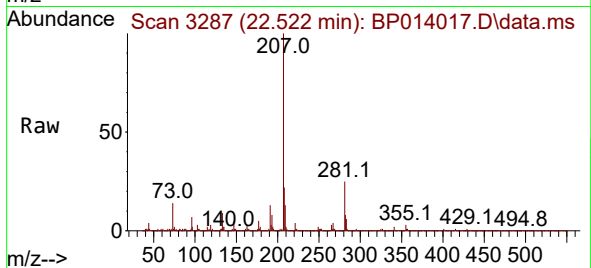
Instrument :

BNA_P

ClientSampleId :

DBZZ6

Tgt Ion:149 Resp: 362



#90

Benzo(b)fluoranthene

Concen: 3.665 ng/ul

RT: 23.439 min Scan# 3443

Delta R.T. 0.124 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

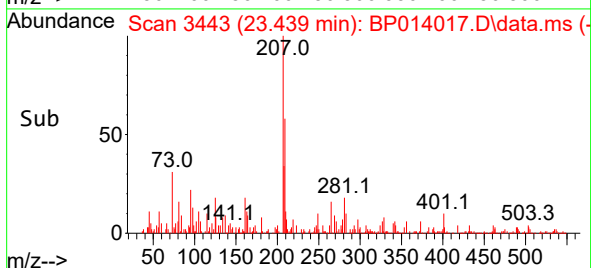
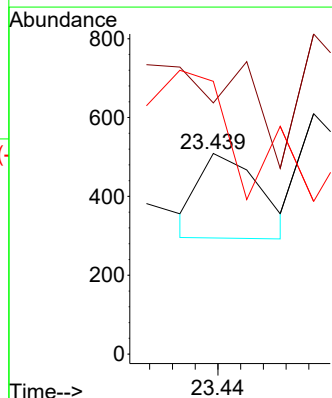
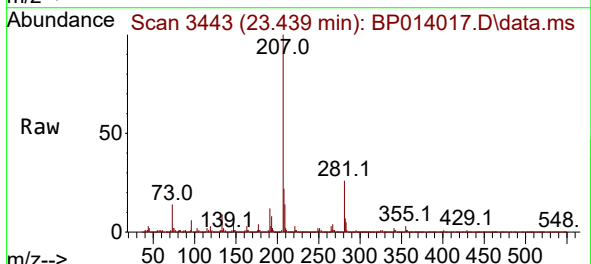
Tgt Ion:252 Resp: 159

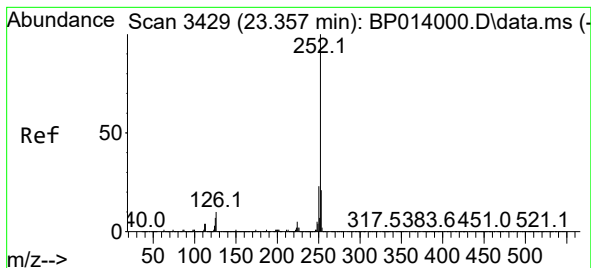
Ion Ratio Lower Upper

252 100

253 125.1 17.3 25.9#

125 136.0 5.4 8.2#





#91

Benzo(k)fluoranthene

Concen: 8.365 ng/ul

RT: 23.498 min Scan# 3429

Delta R.T. 0.135 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

Instrument :

BNA_P

ClientSampleId :

DBZZ6

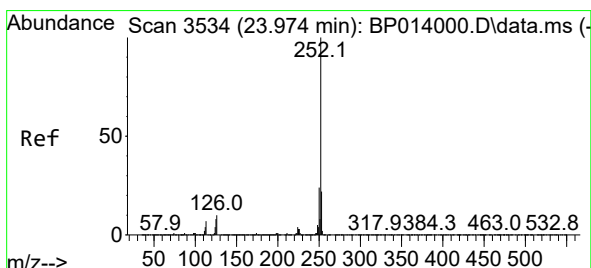
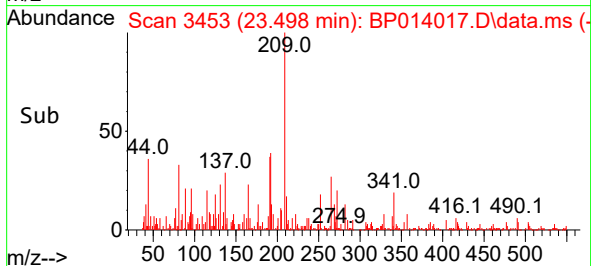
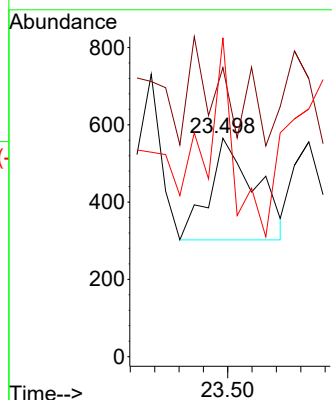
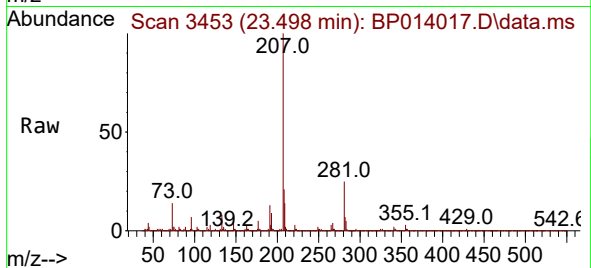
Tgt Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

253 132.4 17.4 26.0#

125 146.0 5.5 8.3#



#93

Benzo(a)pyrene

Concen: 4.691 ng/ul

RT: 24.110 min Scan# 3557

Delta R.T. 0.129 min

Lab File: BP014017.D

Acq: 09 Mar 2023 18:57

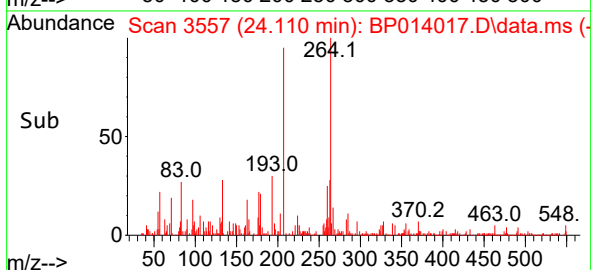
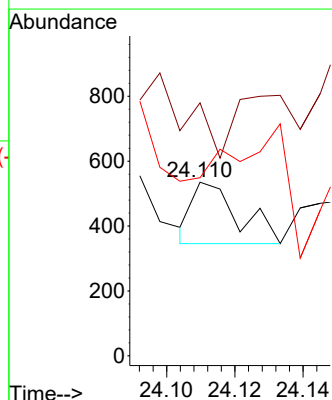
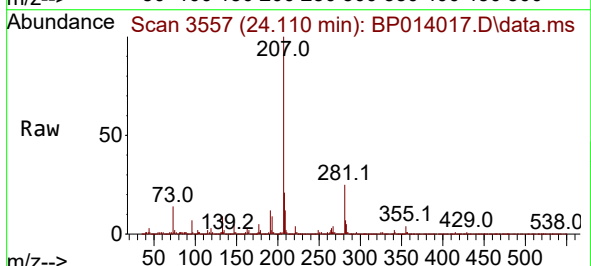
Tgt Ion:252 Resp: 177

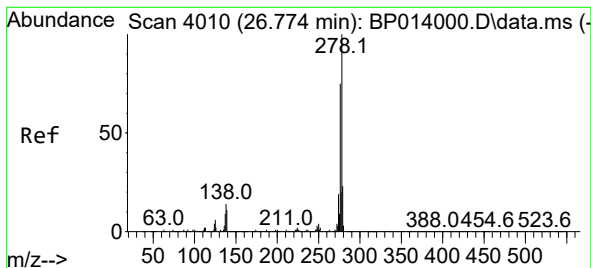
Ion Ratio Lower Upper

252 100

253 145.8 17.4 26.2#

125 102.6 6.2 9.2#





#95

Dibenzo(a,h)anthracene

Concen: 3.541 ng/ul

RT: 26.951 min Scan# 40

Delta R.T. 0.165 min

Lab File: BP014017.D

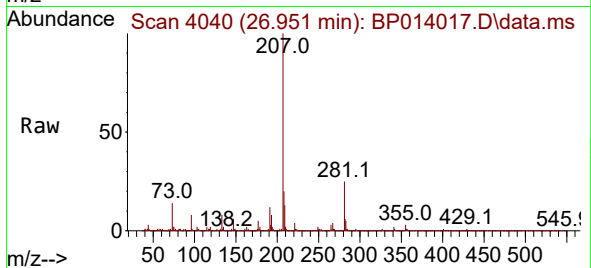
Acq: 09 Mar 2023 18:57

Instrument :

BNA_P

ClientSampleId :

DBZZ6



Tgt Ion:278 Resp: 147

Ion Ratio Lower Upper

278 100

139 92.7 8.7 13.1#

279 115.3 19.0 28.4#

