

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015445.D
 Acq On : 08 Jun 2023 21:06
 Operator : MA/JU
 Sample : 02950-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW978DL

Quant Time: Jun 09 01:20:57 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

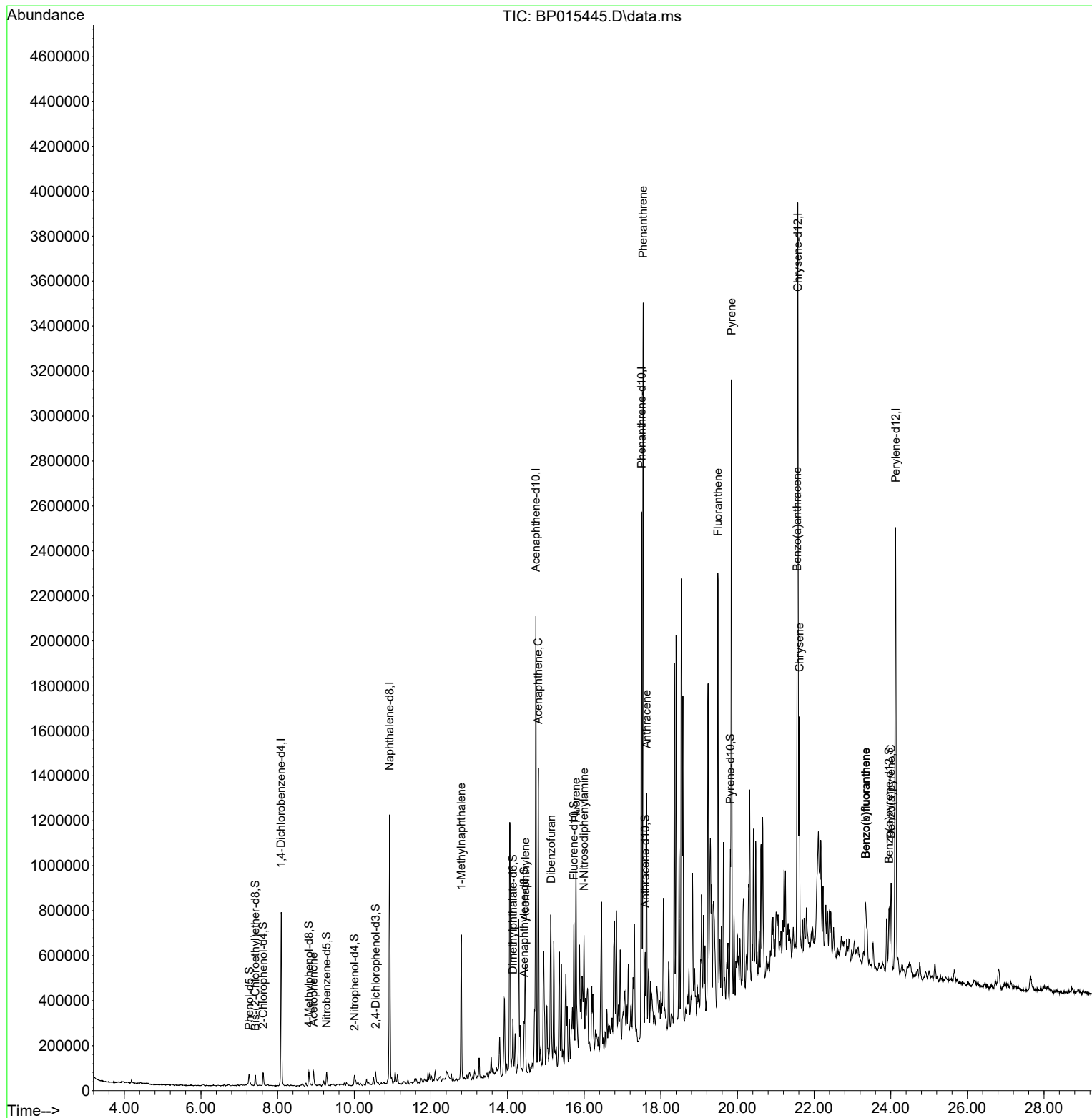
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	206970	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.922	136	930822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	629115	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	1433107	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1398620	20.000	ng/ul	-0.01
88) Perylene-d12	24.127	264	1605402	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	2083	0.373	ng/uL	0.00
4) Pyridine-d5	3.852	84	371	0.026	ng/ul	0.00
7) Phenol-d5	7.258	99	31893	1.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.417	67	22467	1.973	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	28426	2.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	26394	1.687	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	13436	1.839	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	14304	1.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	26320	1.729	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	15328	0.701	ng/ul	0.01
46) Dimethylphthalate-d6	14.140	166	119278	2.404	ng/ul	-0.01
49) Acenaphthylene-d8	14.434	160	128705	2.373	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	2088	0.235	ng/ul	0.00
60) Fluorene-d10	15.728	176	107130	2.561	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.863	200	6889	0.759	ng/ul	0.00
73) Anthracene-d10	17.592	188	166467	2.553	ng/ul	0.00
81) Pyrene-d10	19.816	212	206922	2.764	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	205190	2.547	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.934	105	36689	1.469	ng/ul	95
37) 1-Methylnaphthalene	12.793	142	284457	7.968	ng/ul	97
50) Acenaphthylene	14.463	152	93914	1.563	ng/ul#	82
52) Acenaphthene	14.804	153	512011	12.330	ng/ul	100
56) Dibenzofuran	15.134	168	63475	1.079	ng/ul#	73
61) Fluorene	15.787	166	362867	7.563	ng/ul	99
67) N-Nitrosodiphenylamine	15.993	169	51575	1.269	ng/ul#	1
72) Phenanthrene	17.539	178	1859818	24.183	ng/ul	100
74) Anthracene	17.628	178	621779	7.968	ng/ul	99
80) Fluoranthene	19.492	202	989169	10.848	ng/ul	98
82) Pyrene	19.845	202	1554852	16.482	ng/ul	98
85) Benzo(a)anthracene	21.557	228	600017	6.137	ng/ul	94
87) Chrysene	21.616	228	610322	6.604	ng/ul#	96
90) Benzo(b)fluoranthene	23.345	252	296953	2.866	ng/ul#	97
91) Benzo(k)fluoranthene	23.345	252	296953	2.964	ng/ul#	97
93) Benzo(a)pyrene	24.010	252	332066	3.675	ng/ul	98

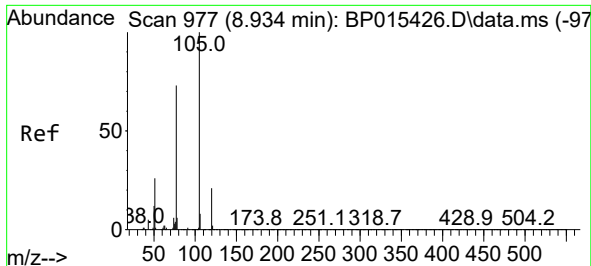
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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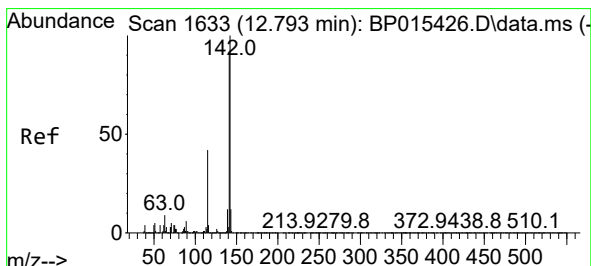
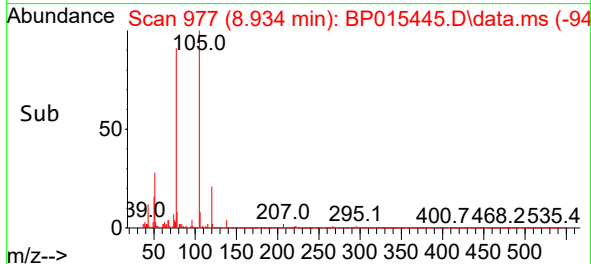
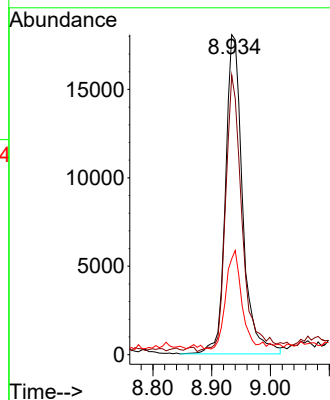
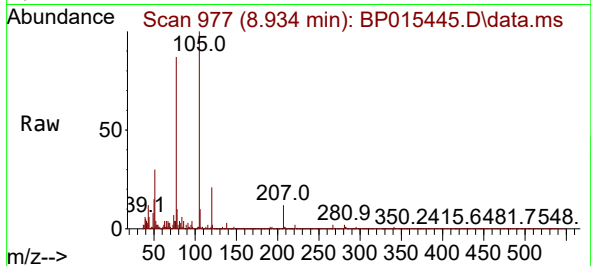




#16
Acetophenone
Concen: 1.469 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

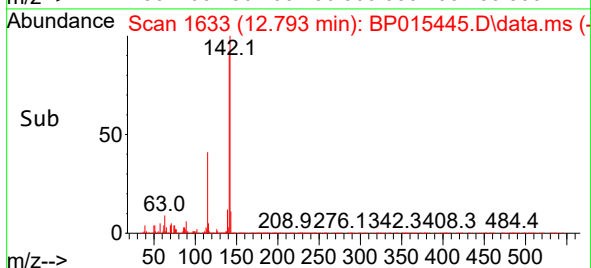
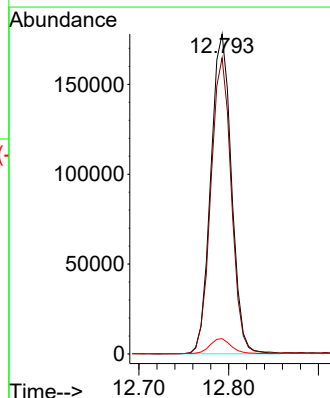
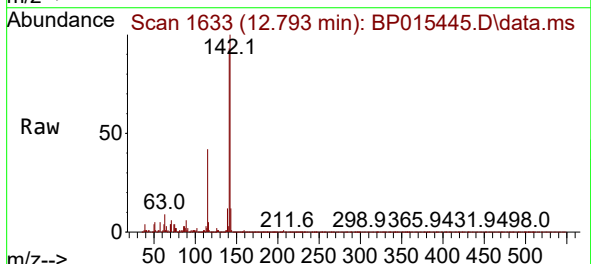
Instrument :
BNA_P
ClientSampleId :
EW978DL

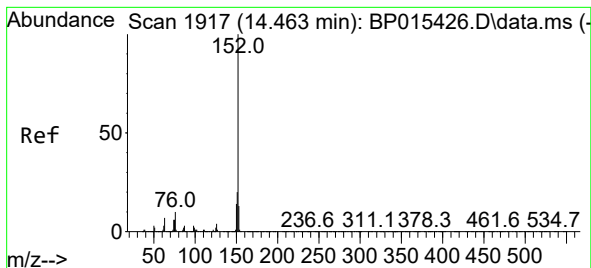
Tgt Ion:105 Resp: 36689
Ion Ratio Lower Upper
105 100
77 87.3 64.9 97.3
51 29.9 23.5 35.3



#37
1-Methylnaphthalene
Concen: 7.968 ng/ul
RT: 12.793 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

Tgt Ion:142 Resp: 284457
Ion Ratio Lower Upper
142 100
141 92.6 71.9 107.9
116 4.8 3.4 5.2





#50

Acenaphthylene

Concen: 1.563 ng/ul

RT: 14.463 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

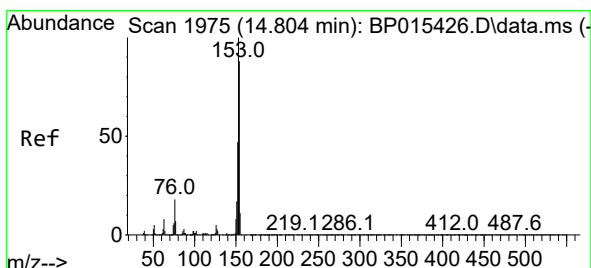
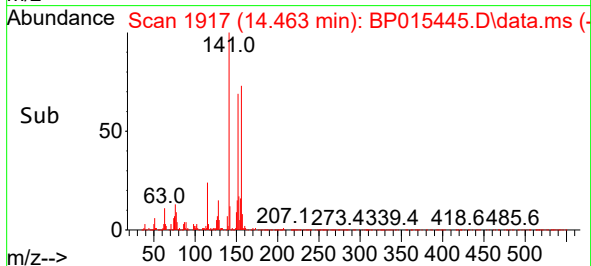
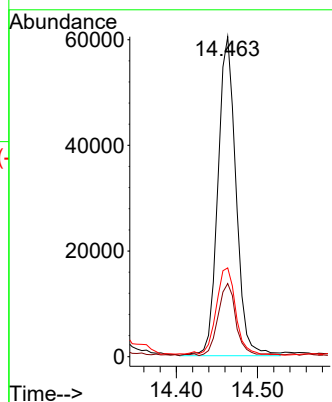
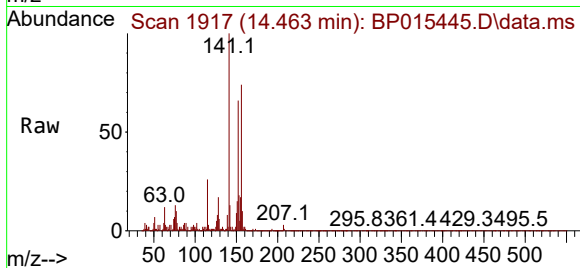
Instrument :

BNA_P

ClientSampleId :

EW978DL

Tgt Ion:152	Resp:	93914
Ion Ratio	Lower	Upper
152	100	
151	22.9	16.0 24.0
153	27.8	10.6 15.8#



#52

Acenaphthene

Concen: 12.330 ng/ul

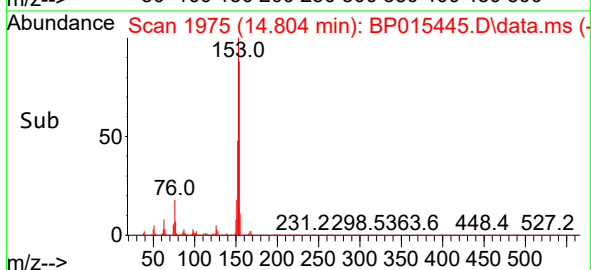
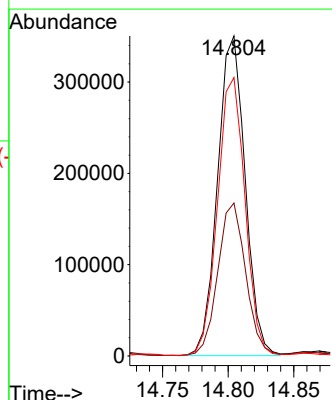
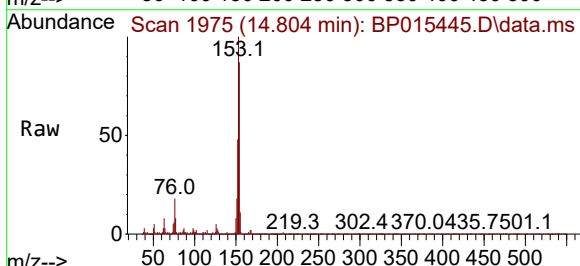
RT: 14.804 min Scan# 1975

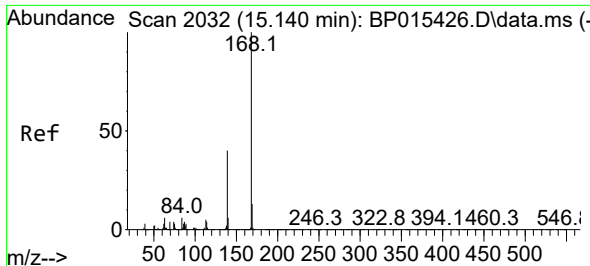
Delta R.T. -0.006 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

Tgt Ion:153	Resp:	512011
Ion Ratio	Lower	Upper
153	100	
152	47.8	38.3 57.5
154	87.0	69.8 104.6

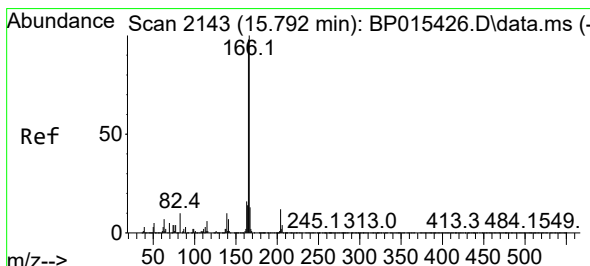
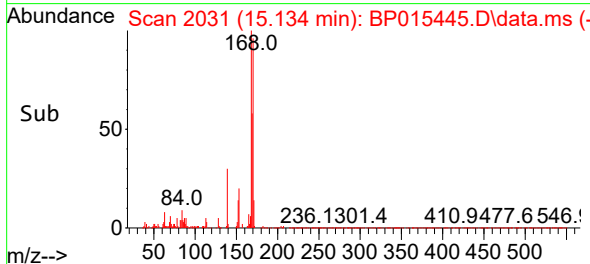
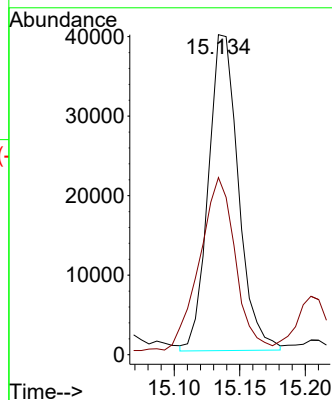
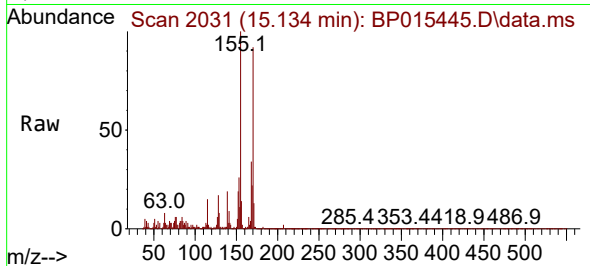




#56
Dibenzofuran
Concen: 1.079 ng/ul
RT: 15.134 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

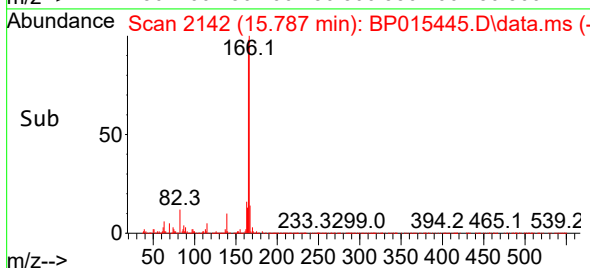
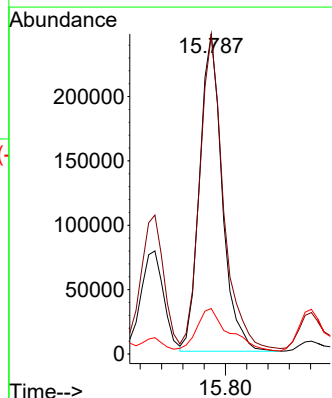
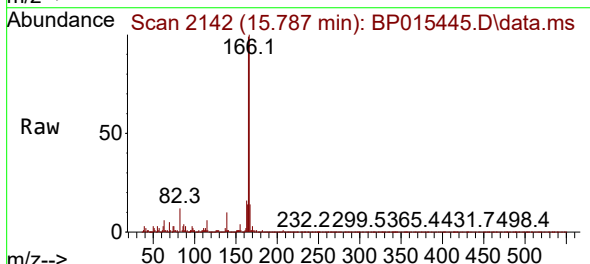
Instrument :
BNA_P
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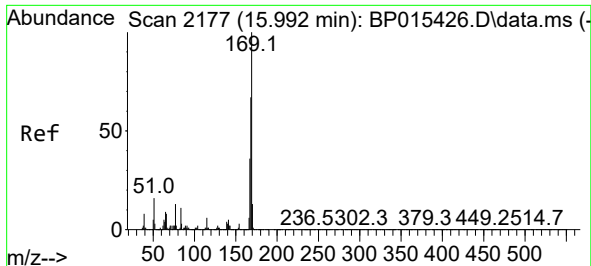
Tgt Ion:168 Resp: 63475
Ion Ratio Lower Upper
168 100
139 55.4 31.2 46.8#



#61
Fluorene
Concen: 7.563 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

Tgt Ion:166 Resp: 362867
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 14.2 10.6 16.0

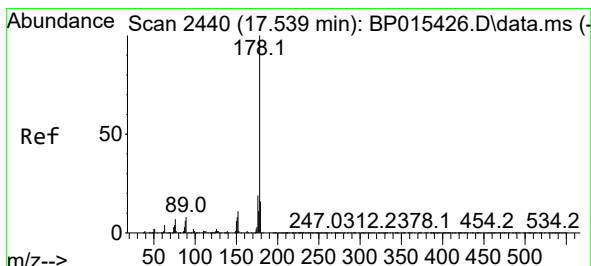
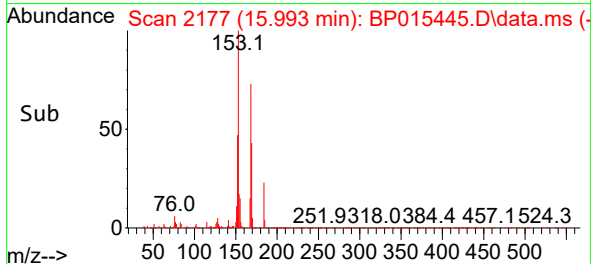
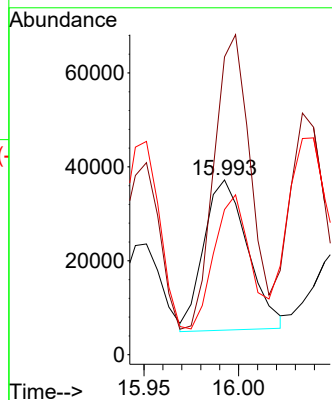
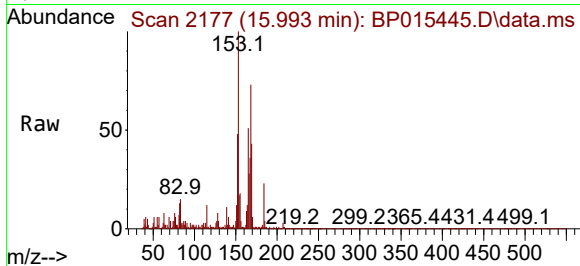




#67
N-Nitrosodiphenylamine
Concen: 1.269 ng/ul
RT: 15.993 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

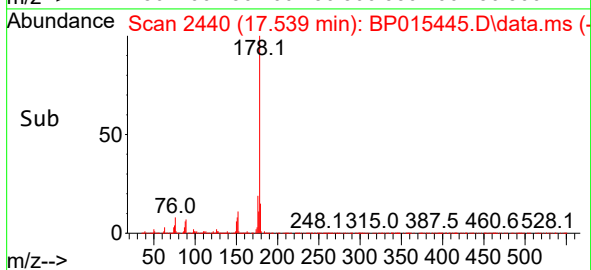
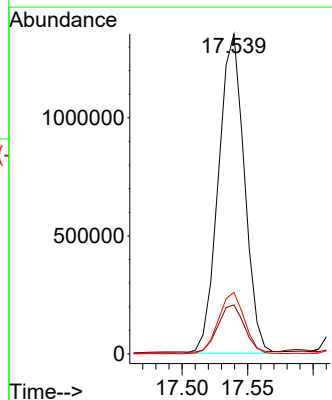
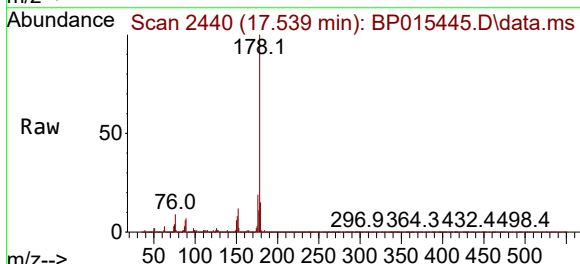
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ClientSampleId :
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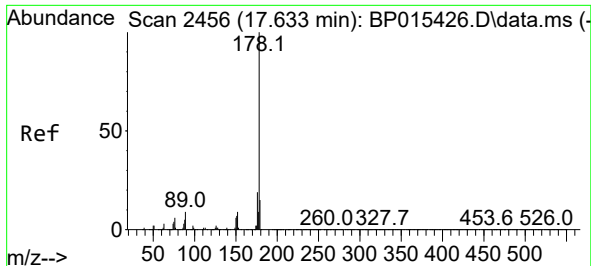
Tgt Ion:169 Resp: 51575
Ion Ratio Lower Upper
169 100
168 170.4 53.0 79.4#
167 83.0 28.9 43.3#



#72
Phenanthrene
Concen: 24.183 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

Tgt Ion:178 Resp: 1859818
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.4 23.0

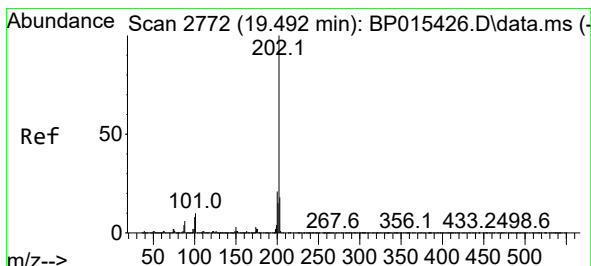
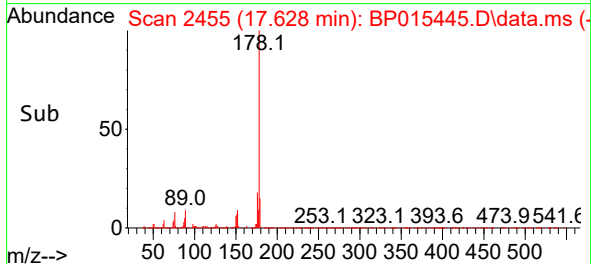
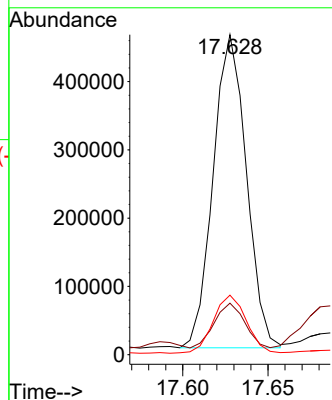
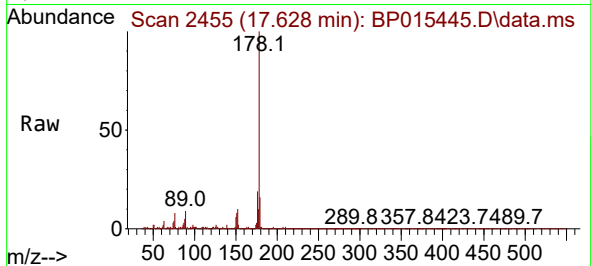




#74
 Anthracene
 Concen: 7.968 ng/ul
 RT: 17.628 min Scan# 2456
 Delta R.T. -0.006 min
 Lab File: BP015445.D
 Acq: 08 Jun 2023 21:06

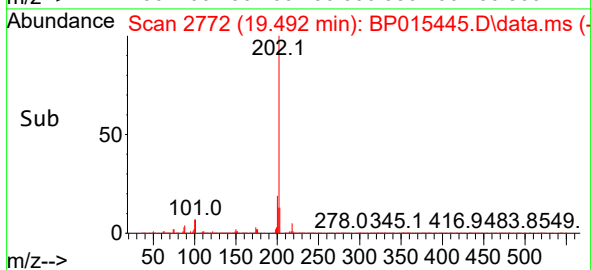
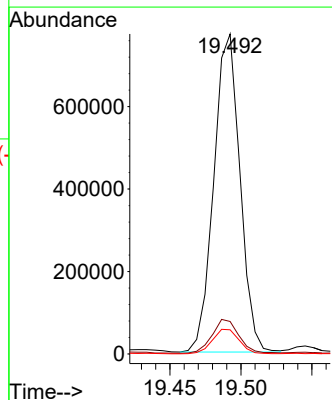
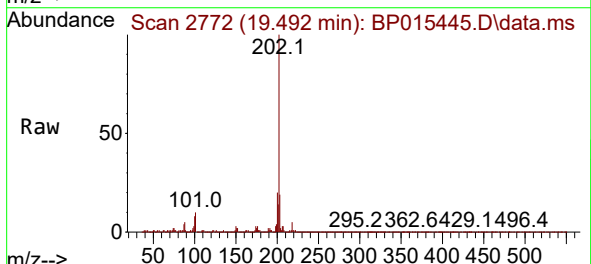
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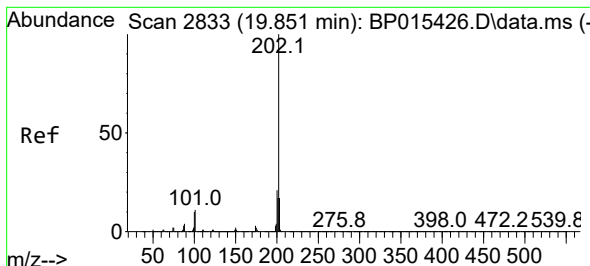
Tgt Ion:178 Resp: 621779
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.4 18.6
 176 18.6 15.0 22.4



#80
 Fluoranthene
 Concen: 10.848 ng/ul
 RT: 19.492 min Scan# 2772
 Delta R.T. -0.006 min
 Lab File: BP015445.D
 Acq: 08 Jun 2023 21:06

Tgt Ion:202 Resp: 989169
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.6 13.0
 100 7.6 6.6 9.8





#82

Pyrene

Concen: 16.482 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

Instrument :

BNA_P

ClientSampleId :

EW978DL

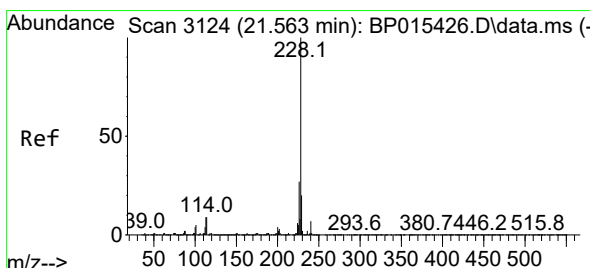
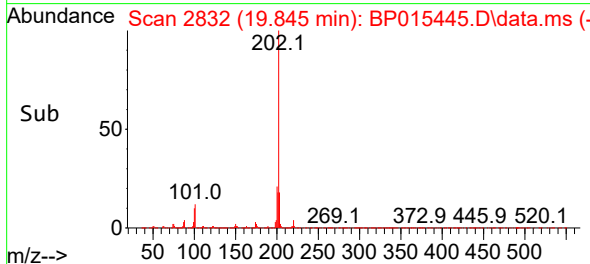
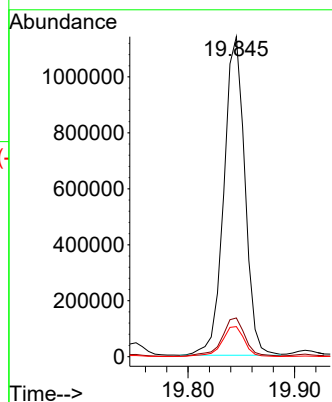
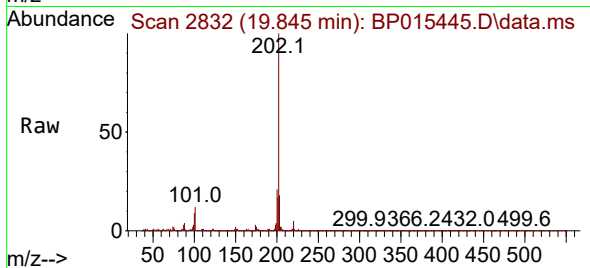
Tgt Ion:202 Resp: 1554852

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

100 9.4 8.4 12.6



#85

Benzo(a)anthracene

Concen: 6.137 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

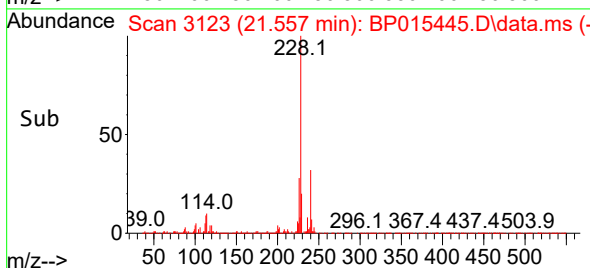
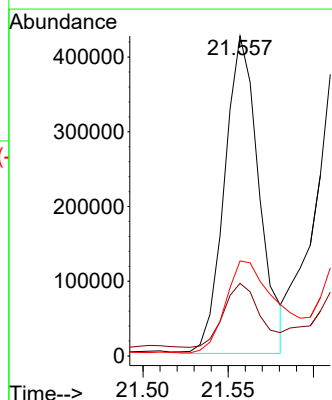
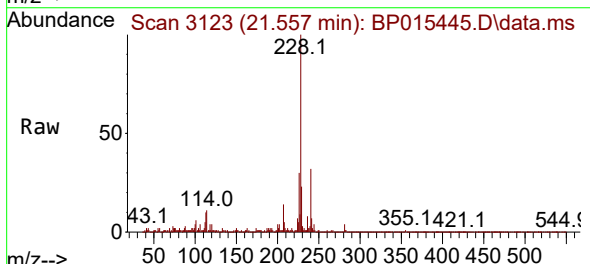
Tgt Ion:228 Resp: 600017

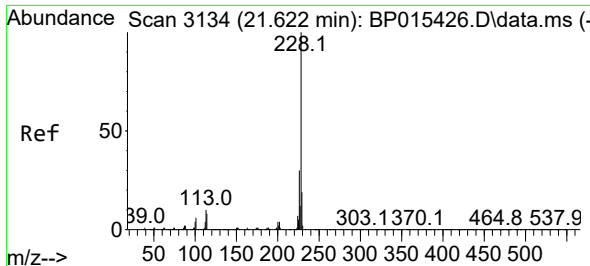
Ion Ratio Lower Upper

228 100

229 22.7 15.8 23.6

226 29.7 21.8 32.6

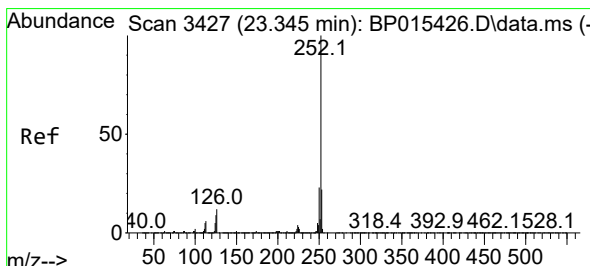
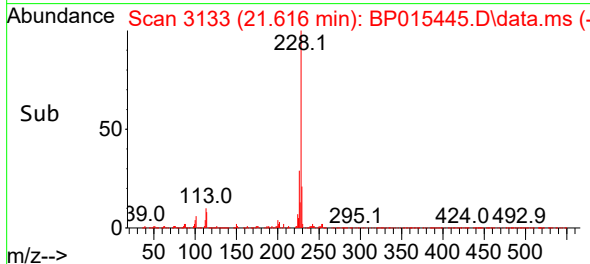
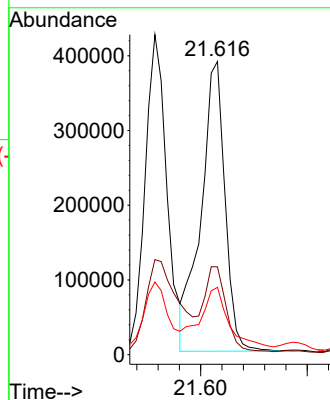
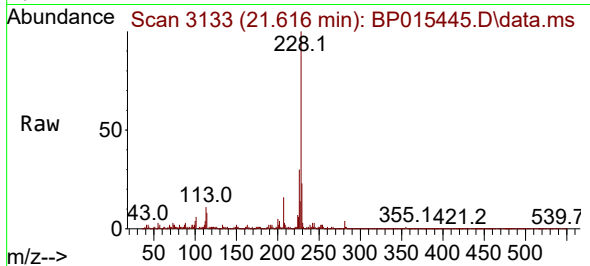




#87
Chrysene
Concen: 6.604 ng/ul
RT: 21.616 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

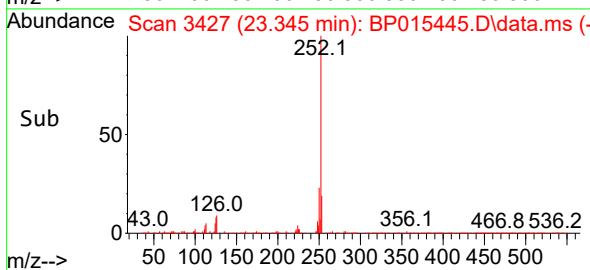
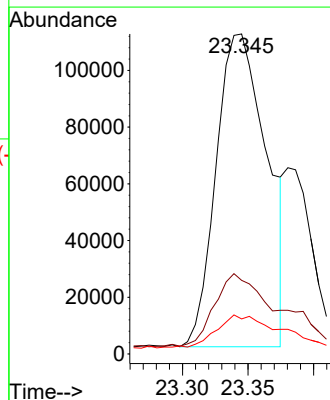
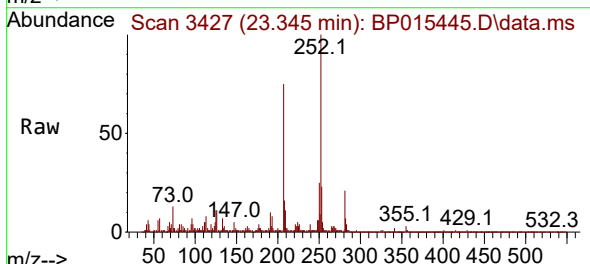
Instrument :
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EW978DL

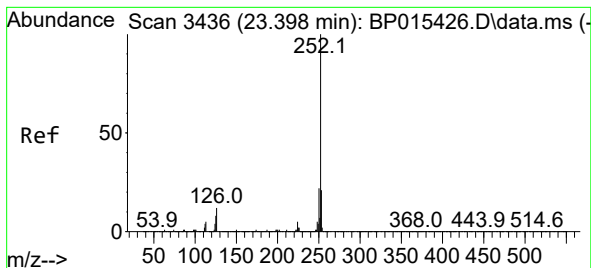
Tgt Ion:228 Resp: 610322
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 23.0 15.1 22.7#



#90
Benzo(b)fluoranthene
Concen: 2.866 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BP015445.D
Acq: 08 Jun 2023 21:06

Tgt Ion:252 Resp: 296953
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.0 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 2.964 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. -0.059 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

Instrument :

BNA_P

ClientSampleId :

EW978DL

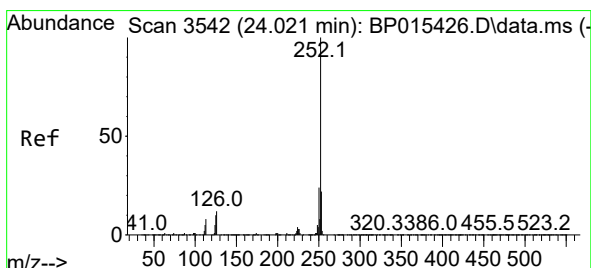
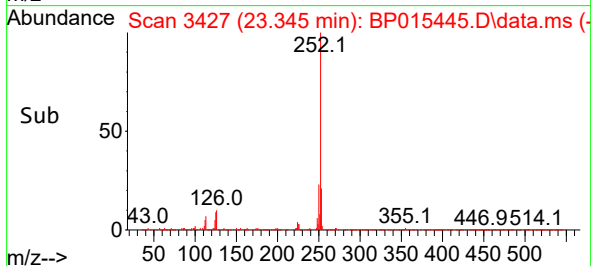
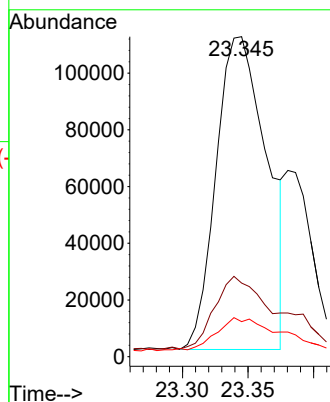
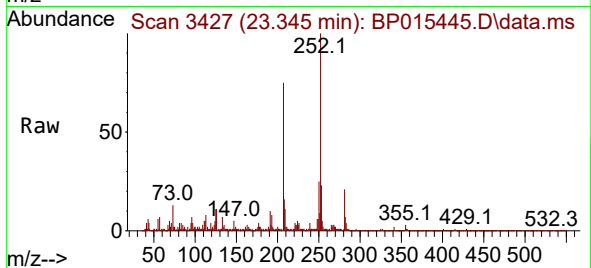
Tgt Ion:252 Resp: 296953

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 11.0 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.675 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BP015445.D

Acq: 08 Jun 2023 21:06

Tgt Ion:252 Resp: 332066

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 11.2 8.1 12.1

