

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015706.D
 Acq On : 24 Jun 2023 11:46
 Operator : MA/JU
 Sample : 03085-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN9

Quant Time: Jun 24 22:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

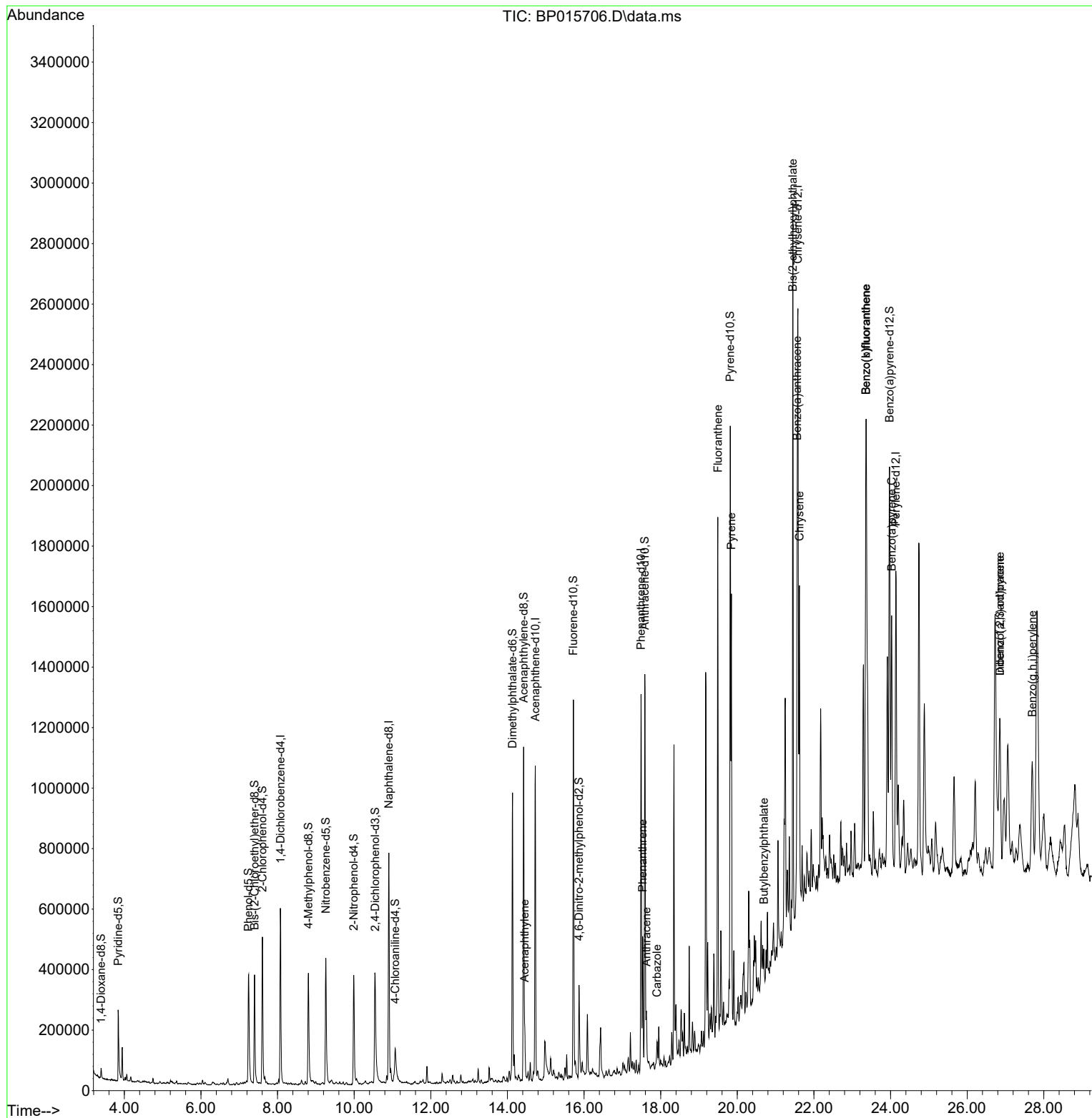
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	157177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	603326	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	335727	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	702937	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	676784	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	818810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	14646	3.451	ng/uL	0.00
4) Pyridine-d5	3.840	84	118403	10.739	ng/ul	0.00
7) Phenol-d5	7.240	99	244991	16.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	168105	19.439	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	208505	19.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	157472	13.251	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	102379	21.614	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	116381	21.515	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	188899	19.144	ng/ul	0.01
31) 4-Chloroaniline-d4	11.069	131	97643	6.894	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	608153	22.972	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	676958	23.385	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	111	0.023	ng/ul	-0.02
60) Fluorene-d10	15.722	176	498059	22.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	72770	16.341	ng/ul	0.00
73) Anthracene-d10	17.586	188	758137	23.705	ng/ul	0.00
81) Pyrene-d10	19.816	212	921767	25.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	978663	23.821	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	107316	3.348	ng/ul	97
72) Phenanthrene	17.528	178	264012	6.999	ng/ul	100
74) Anthracene	17.628	178	120039	3.136	ng/ul	98
77) Carbazole	17.904	167	46837	1.359	ng/ul	97
80) Fluoranthene	19.492	202	934502	21.180	ng/ul	98
82) Pyrene	19.845	202	805298	17.641	ng/ul	98
83) Butylbenzylphthalate	20.692	149	21342	1.058	ng/ul	98
85) Benzo(a)anthracene	21.563	228	655193	13.848	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	752760	25.242	ng/ul	99
87) Chrysene	21.621	228	679340	15.191	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	1093926	20.697	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	1093926	21.411	ng/ul	99
93) Benzo(a)pyrene	24.027	252	673812	14.622	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	569606	9.551	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.856	278	159156	3.276	ng/ul#	78
96) Benzo(g,h,i)perylene	27.698	276	523392	10.650	ng/ul	99

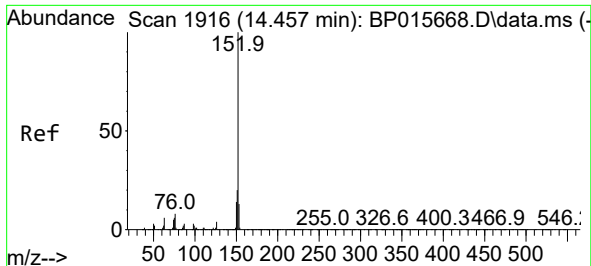
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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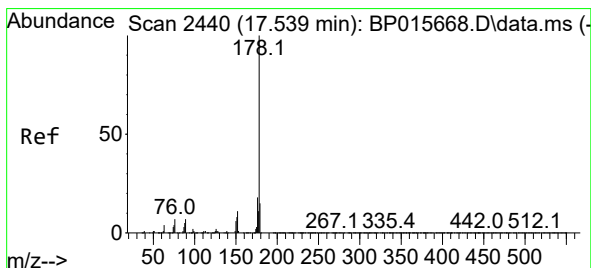
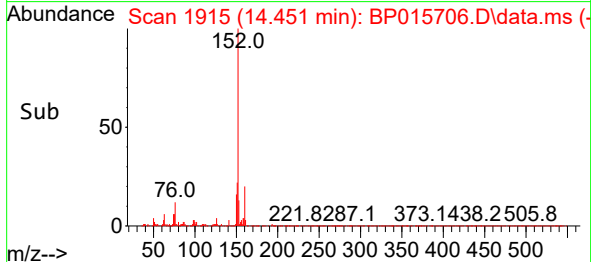
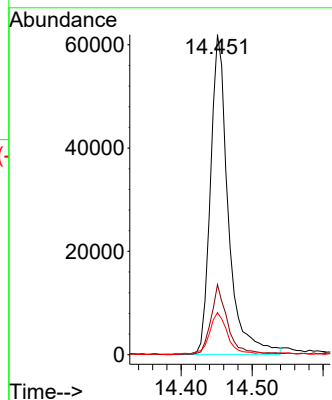
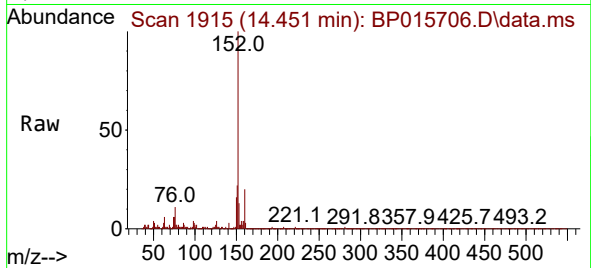




#50
Acenaphthylene
Concen: 3.348 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

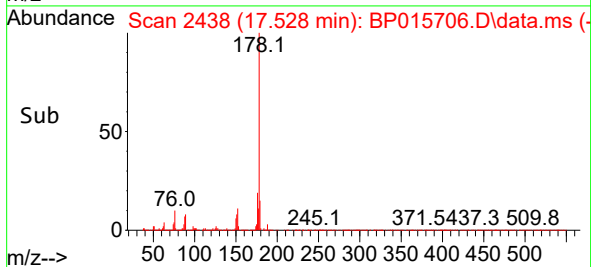
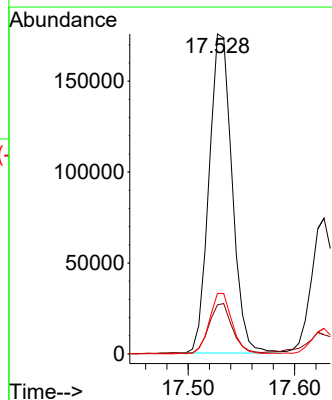
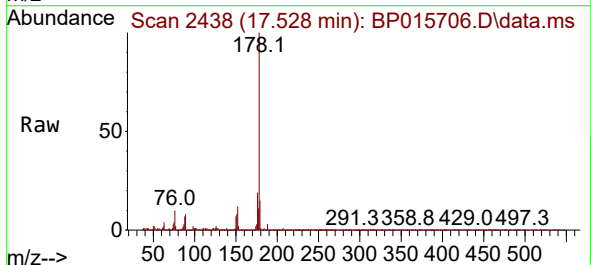
Instrument :
BNA_P
ClientSampleId :
DCFN9

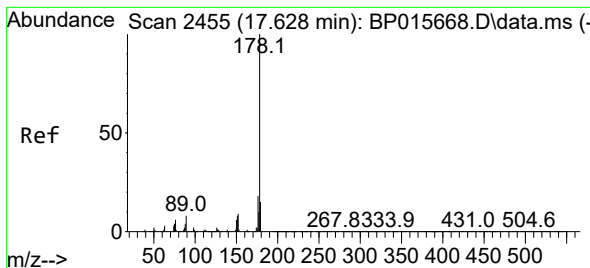
Tgt Ion:152 Resp: 107316
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 13.2 10.6 15.8



#72
Phenanthrene
Concen: 6.999 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

Tgt Ion:178 Resp: 264012
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.0 15.4 23.0





#74

Anthracene

Concen: 3.136 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Instrument :

BNA_P

ClientSampleId :

DCFN9

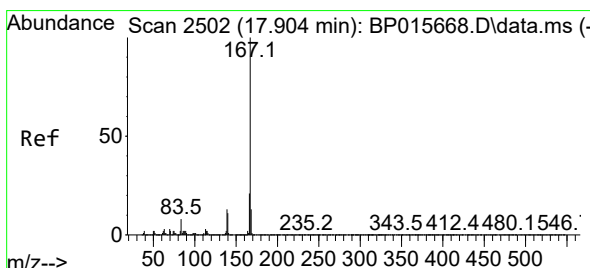
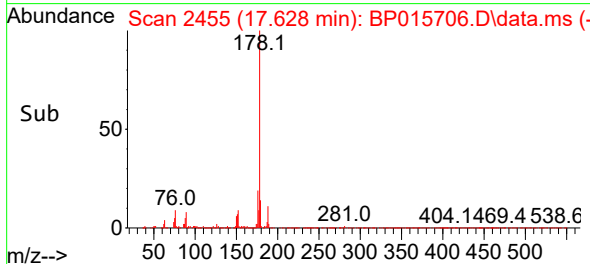
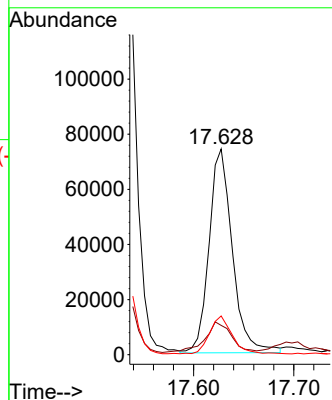
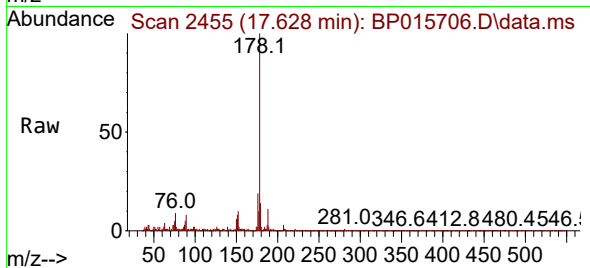
Tgt Ion:178 Resp: 120039

Ion Ratio Lower Upper

178 100

179 14.2 12.4 18.6

176 18.8 15.0 22.4



#77

Carbazole

Concen: 1.359 ng/ul

RT: 17.904 min Scan# 2502

Delta R.T. 0.006 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

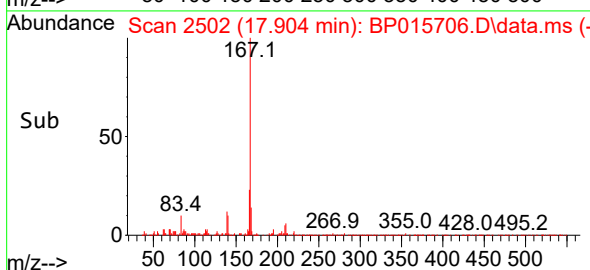
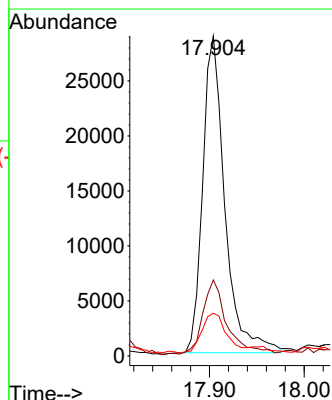
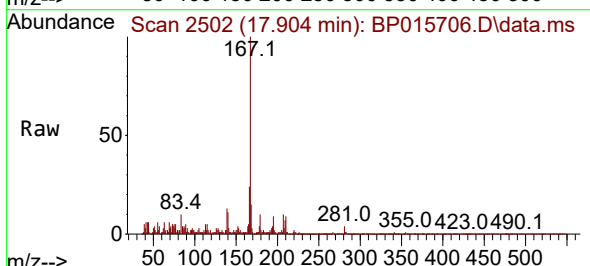
Tgt Ion:167 Resp: 46837

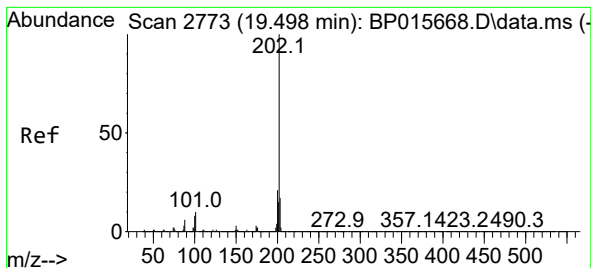
Ion Ratio Lower Upper

167 100

166 23.8 17.2 25.8

139 13.3 10.6 16.0





#80

Fluoranthene

Concen: 21.180 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Instrument :

BNA_P

ClientSampleId :

DCFN9

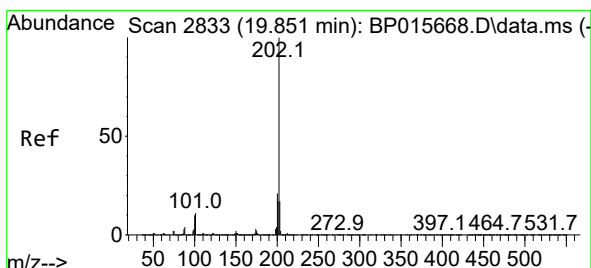
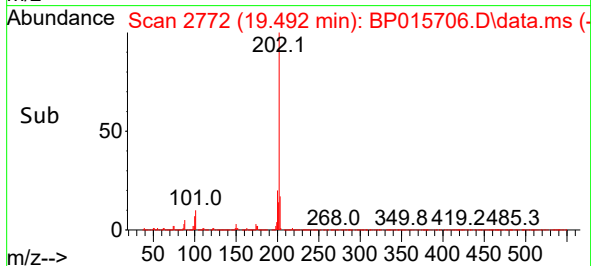
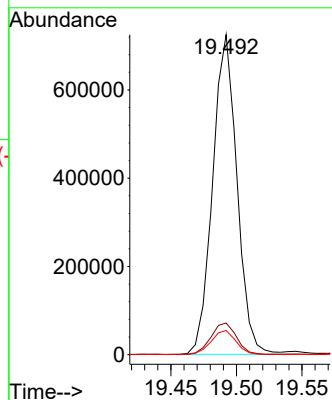
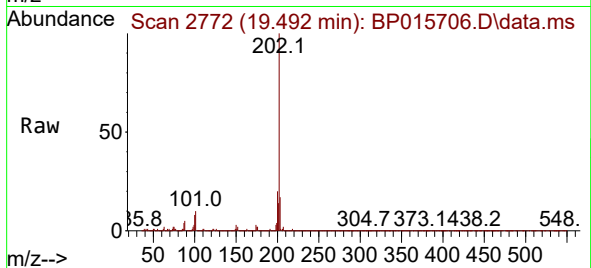
Tgt Ion:202 Resp: 934502

Ion Ratio Lower Upper

202 100

101 9.9 8.6 13.0

100 7.5 6.6 9.8



#82

Pyrene

Concen: 17.641 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

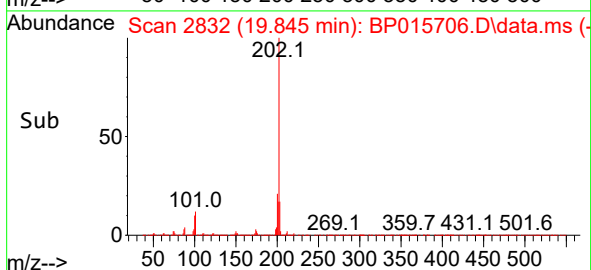
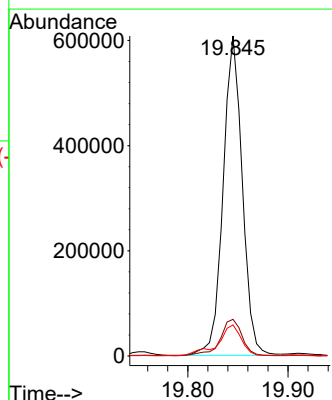
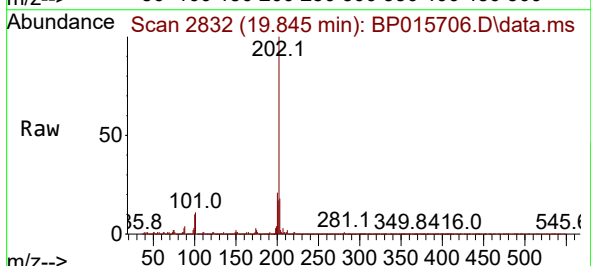
Tgt Ion:202 Resp: 805298

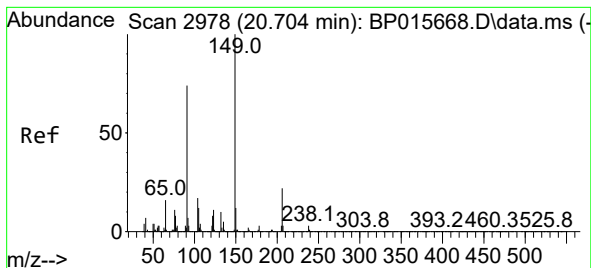
Ion Ratio Lower Upper

202 100

101 11.5 9.9 14.9

100 9.7 8.4 12.6





#83

Butylbenzylphthalate

Concen: 1.058 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Instrument :

BNA_P

ClientSampleId :

DCFN9

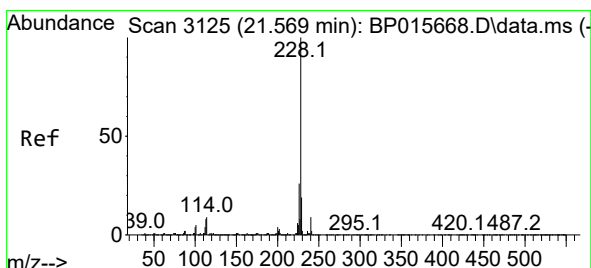
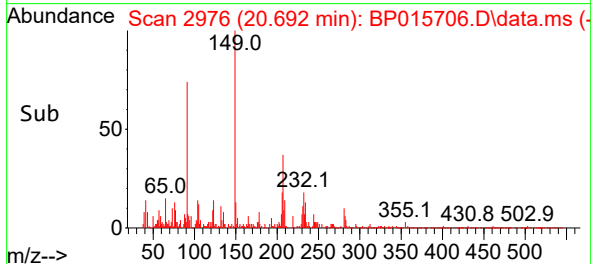
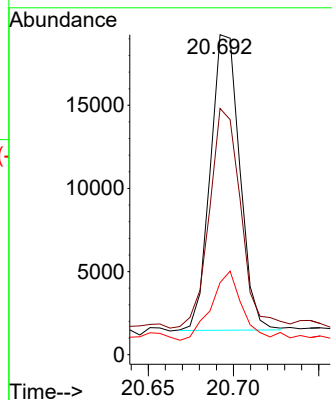
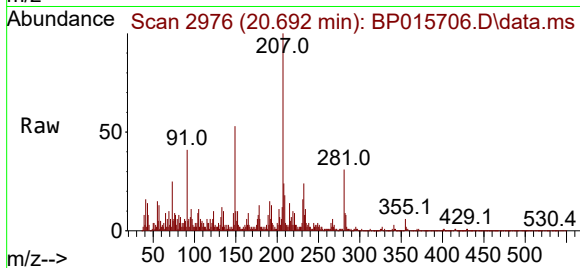
Tgt Ion:149 Resp: 21342

Ion Ratio Lower Upper

149 100

91 77.0 60.4 90.6

206 22.5 16.4 24.6



#85

Benzo(a)anthracene

Concen: 13.848 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

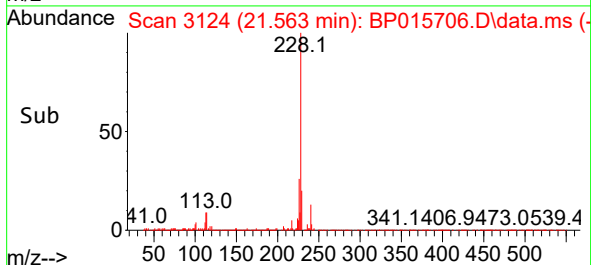
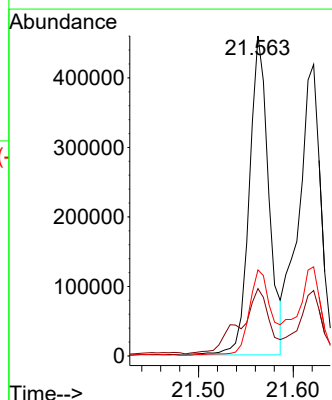
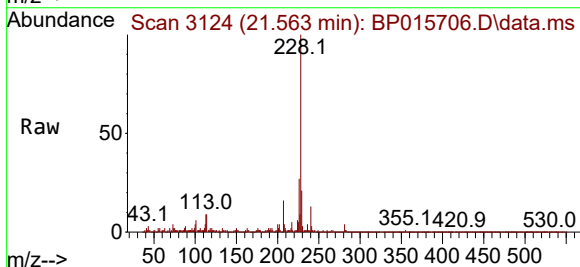
Tgt Ion:228 Resp: 655193

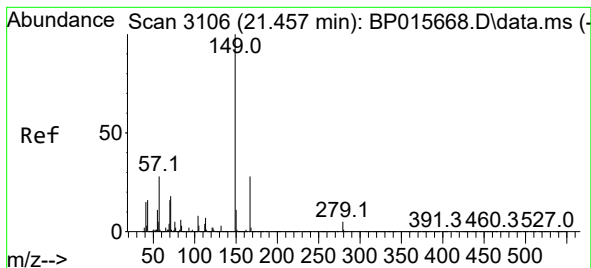
Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 26.9 21.8 32.6

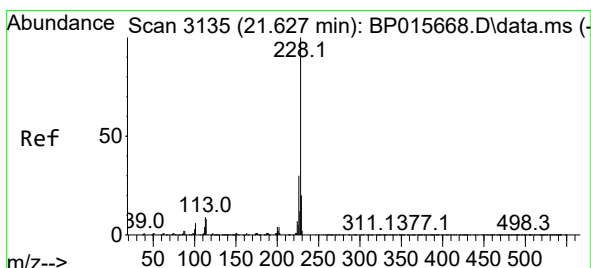
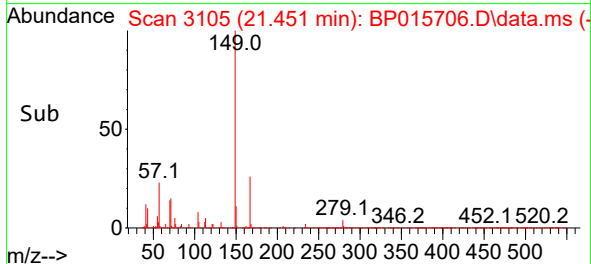
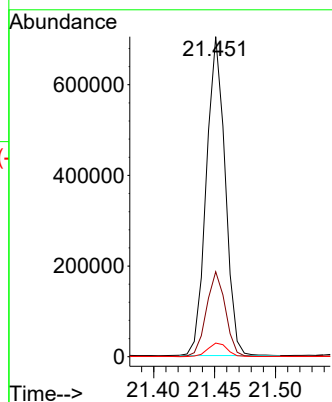
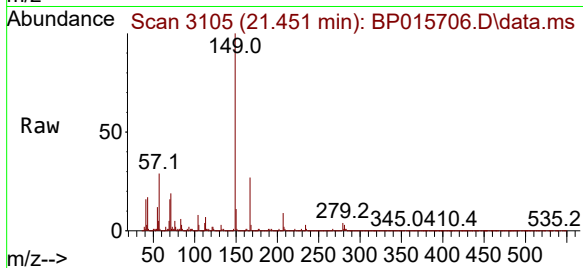




#86
Bis(2-ethylhexyl)phthalate
Concen: 25.242 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

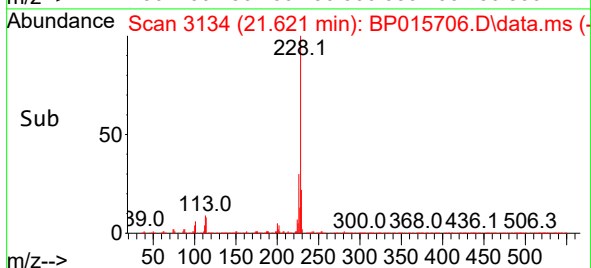
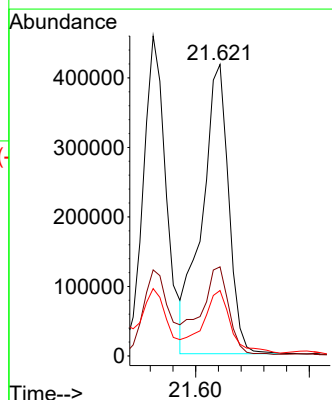
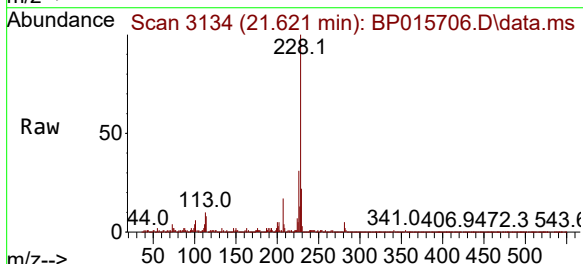
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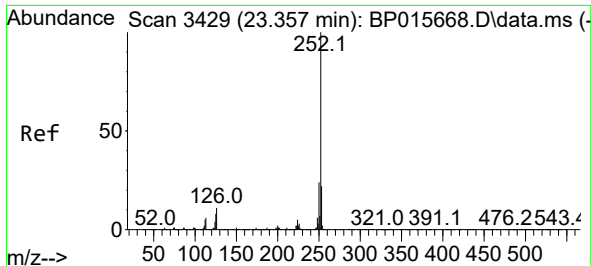
Tgt Ion:149 Resp: 752760
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 4.2 3.7 5.5



#87
Chrysene
Concen: 15.191 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

Tgt Ion:228 Resp: 679340
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 22.4 15.1 22.7

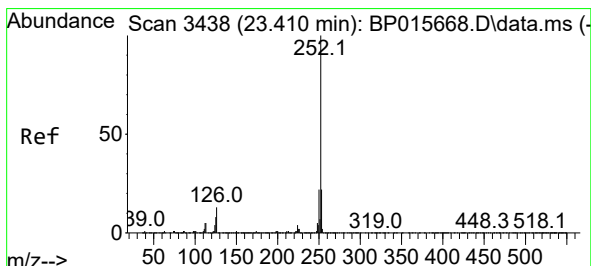
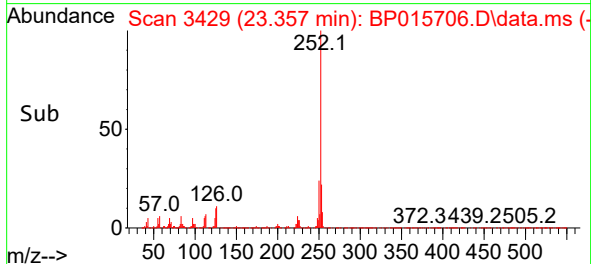
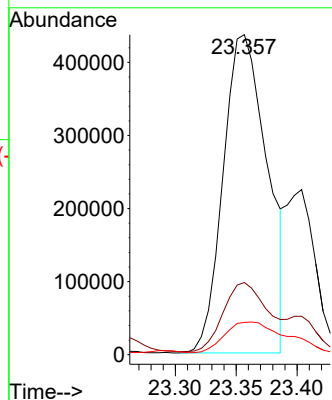
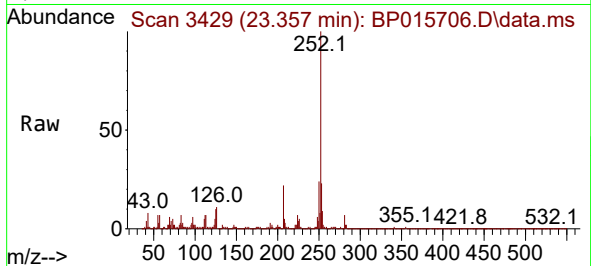




#90
Benzo(b)fluoranthene
Concen: 20.697 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

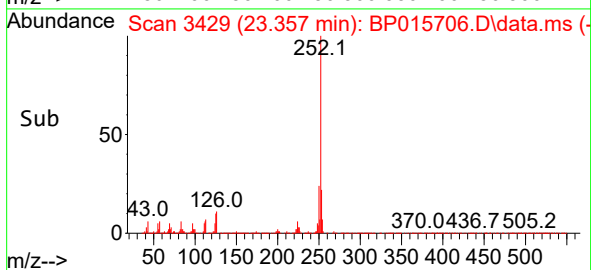
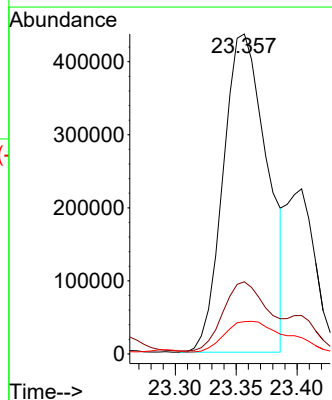
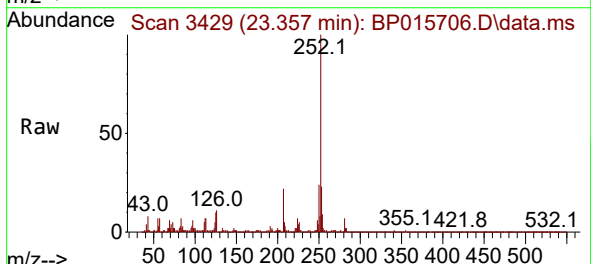
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BNA_P
ClientSampleId :
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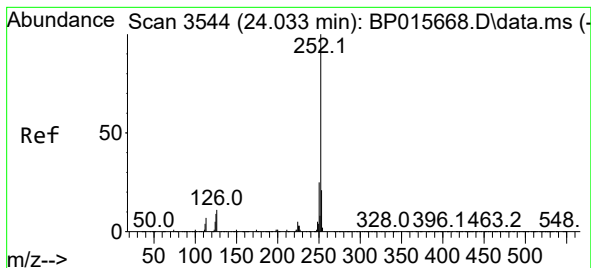
Tgt Ion:252 Resp: 1093926
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.1 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 21.411 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. -0.041 min
Lab File: BP015706.D
Acq: 24 Jun 2023 11:46

Tgt Ion:252 Resp: 1093926
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 14.622 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Instrument :

BNA_P

ClientSampleId :

DCFN9

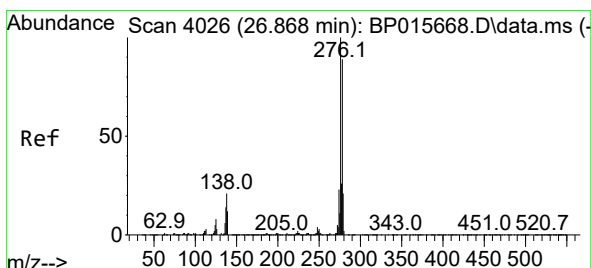
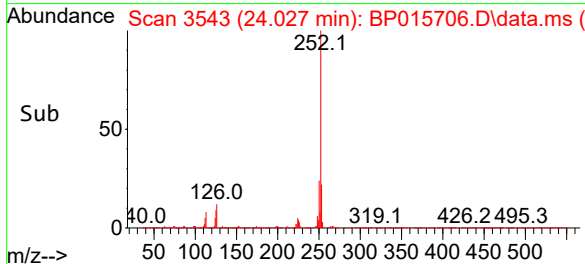
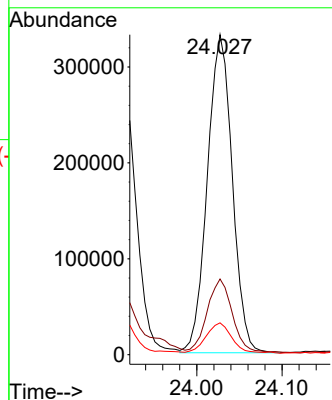
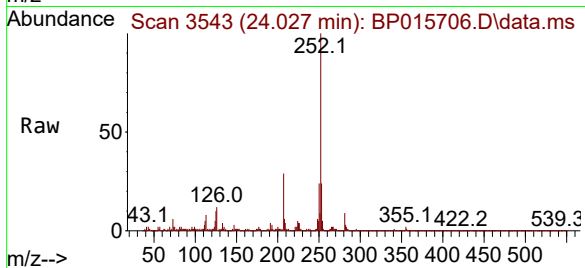
Tgt Ion:252 Resp: 673812

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 10.0 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.551 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. 0.018 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

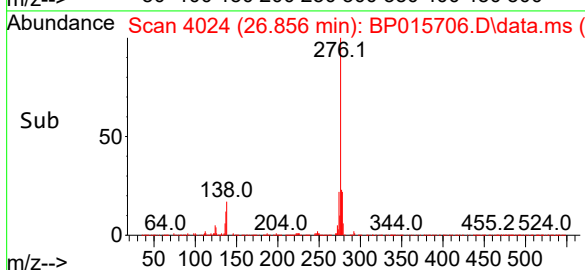
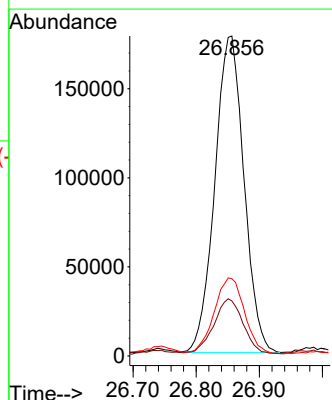
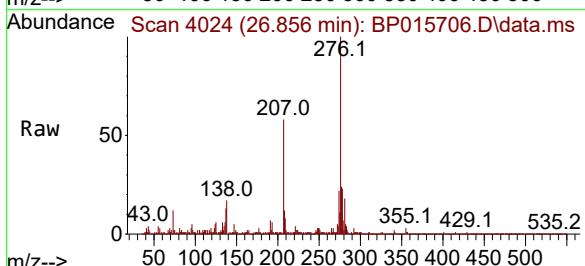
Tgt Ion:276 Resp: 569606

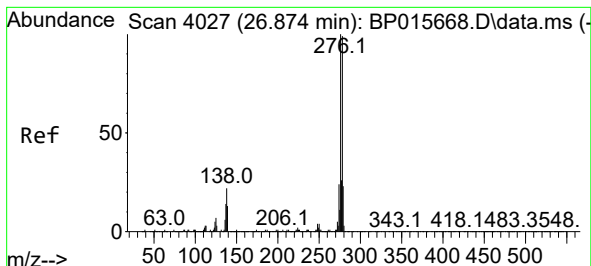
Ion Ratio Lower Upper

276 100

138 17.2 17.3 25.9#

277 24.2 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 3.276 ng/ul

RT: 26.856 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Instrument :

BNA_P

ClientSampleId :

DCFN9

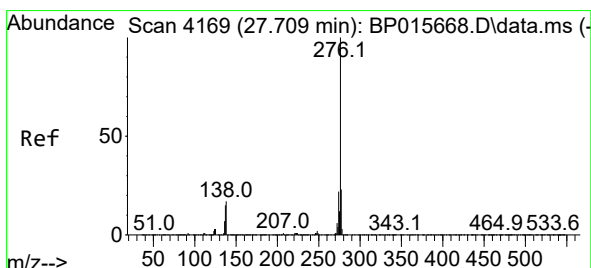
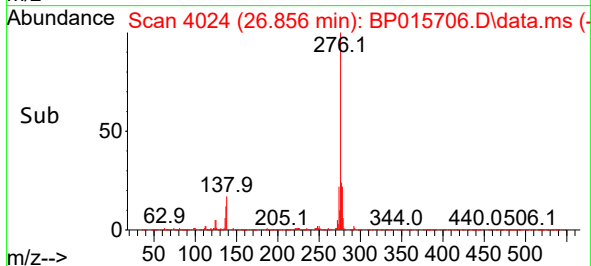
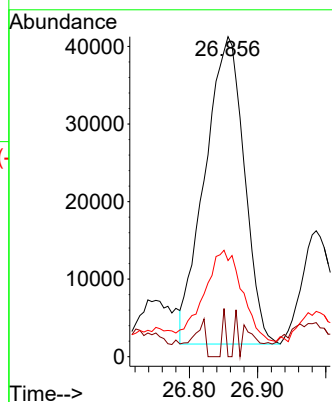
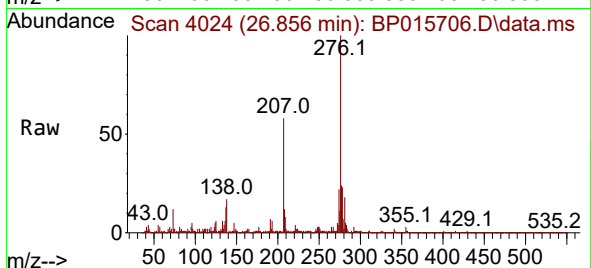
Tgt Ion:278 Resp: 159156

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 30.0 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 10.650 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015706.D

Acq: 24 Jun 2023 11:46

Tgt Ion:276 Resp: 523392

Ion Ratio Lower Upper

276 100

138 19.4 15.6 23.4

277 24.7 19.0 28.6

