

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014983.D
 Acq On : 05 May 2023 14:49
 Operator : CG/JU
 Sample : 02479-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW949DL

Quant Time: May 05 22:32:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

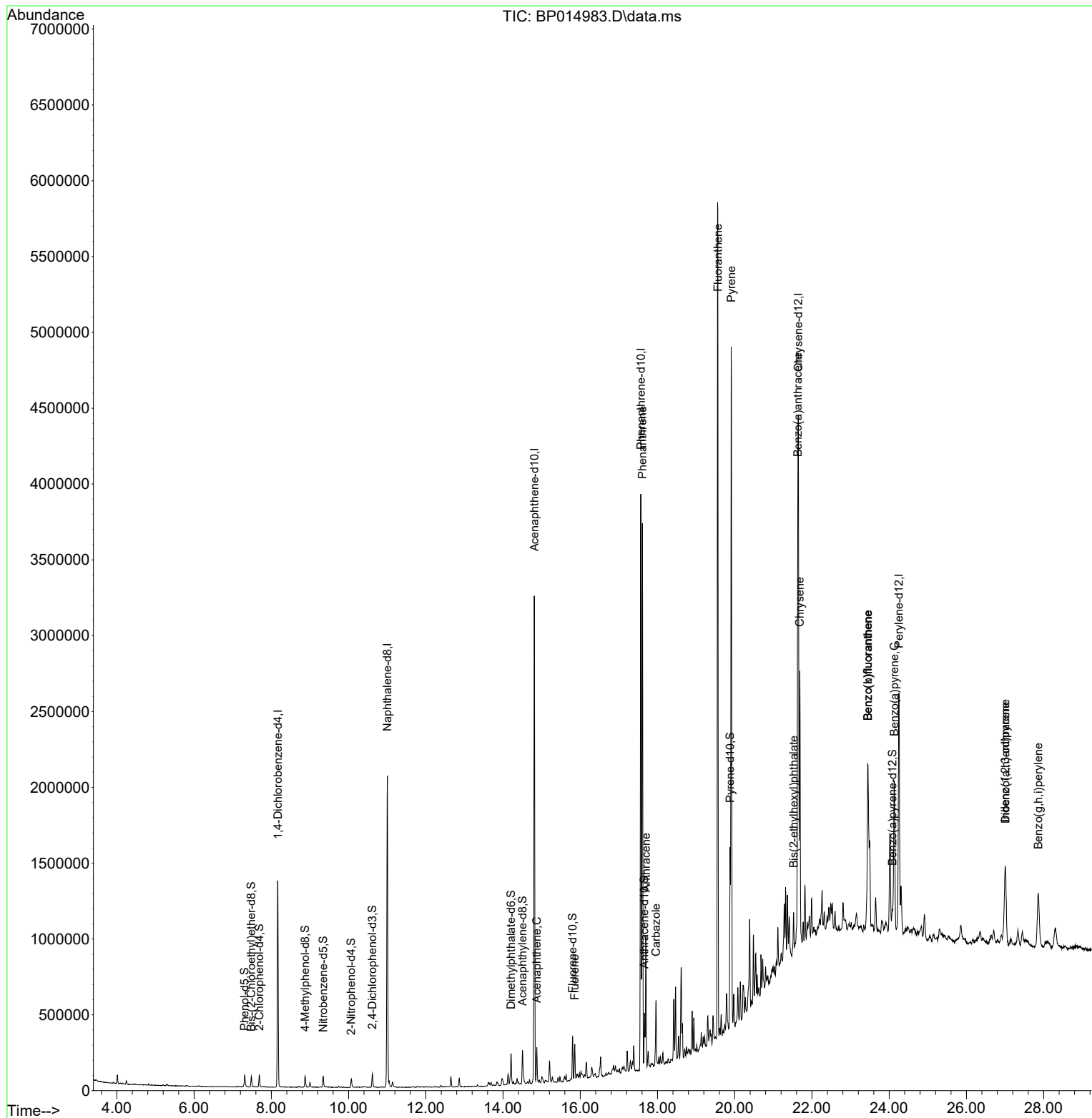
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	374514	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	1694040	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1061980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	2191472	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1393977	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1285492	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2606	0.259	ng/uL	0.00
4) Pyridine-d5	3.917	84	461	0.017	ng/ul	0.02
7) Phenol-d5	7.311	99	46028	1.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	30780	1.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	37752	1.581	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	31420	1.256	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	17971	1.492	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	18327	1.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	36975	1.522	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	18318	0.521	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	128277	1.707	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	147368	1.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	5030	0.385	ng/ul	0.00
60) Fluorene-d10	15.804	176	115177	1.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	7328	0.594	ng/ul	0.00
73) Anthracene-d10	17.663	188	173784	1.765	ng/ul	0.00
81) Pyrene-d10	19.880	212	187141	1.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	112568	1.797	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.875	153	89411	1.264	ng/ul	100
61) Fluorene	15.857	166	99350	1.320	ng/ul	98
72) Phenanthrene	17.610	178	2117705	17.492	ng/ul	100
74) Anthracene	17.698	178	522077	4.331	ng/ul	100
77) Carbazole	17.963	167	246448	2.431	ng/ul	98
80) Fluoranthene	19.563	202	3302958	28.630	ng/ul	98
82) Pyrene	19.910	202	2738614	22.406	ng/ul	100
85) Benzo(a)anthracene	21.633	228	1121401	12.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	60233	1.304	ng/ul#	98
87) Chrysene	21.686	228	1059334	11.307	ng/ul	98
90) Benzo(b)fluoranthene	23.451	252	1091738	13.141	ng/ul	97
91) Benzo(k)fluoranthene	23.451	252	1091738	12.912	ng/ul	98
93) Benzo(a)pyrene	24.133	252	802928	11.020	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.004	276	574684	6.466	ng/ul	96
95) Dibenzo(a,h)anthracene	27.009	278	143404	1.969	ng/ul#	81
96) Benzo(g,h,i)perylene	27.862	276	527100	6.968	ng/ul	97

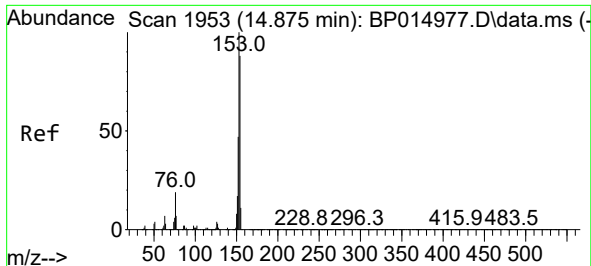
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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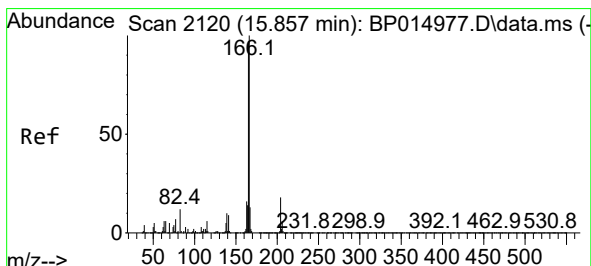
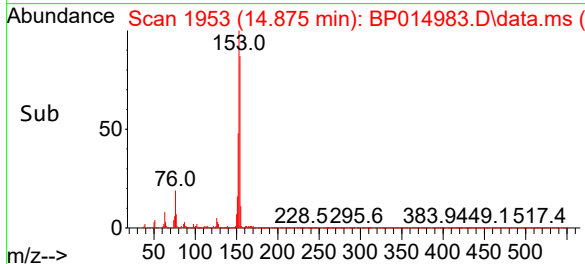
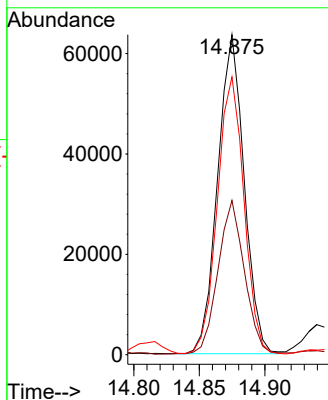
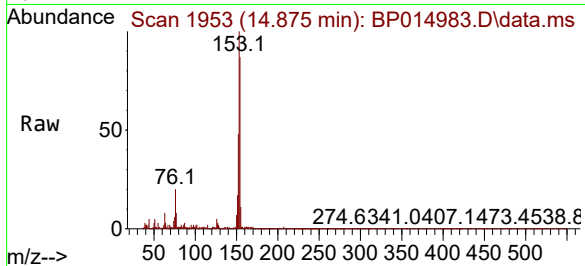




#52
Acenaphthene
Concen: 1.264 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

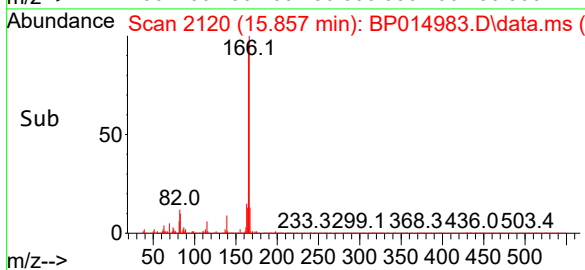
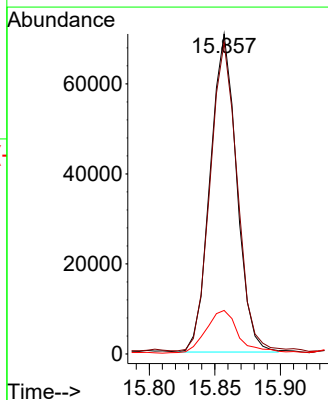
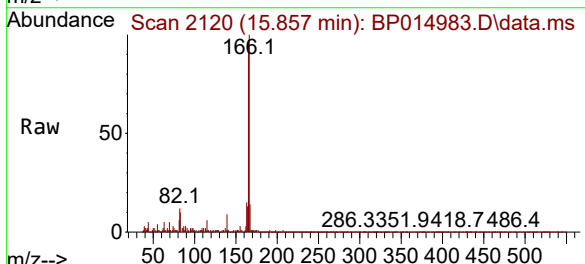
Instrument :
BNA_P
ClientSampleId :
EW949DL

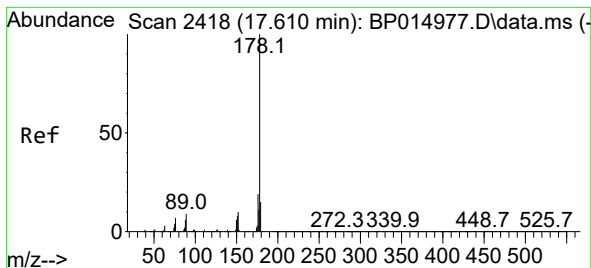
Tgt Ion:153 Resp: 89411
Ion Ratio Lower Upper
153 100
152 48.2 38.8 58.2
154 86.8 69.6 104.4



#61
Fluorene
Concen: 1.320 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

Tgt Ion:166 Resp: 99350
Ion Ratio Lower Upper
166 100
165 97.3 79.3 118.9
167 13.6 10.7 16.1





#72

Phenanthrene

Concen: 17.492 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNA_P

ClientSampleId :

EW949DL

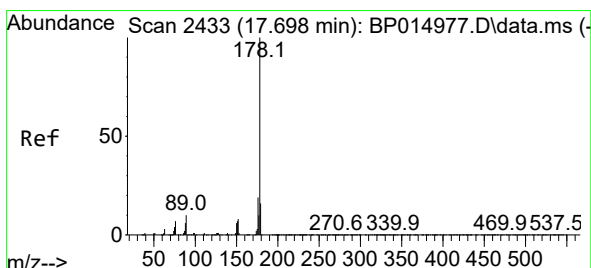
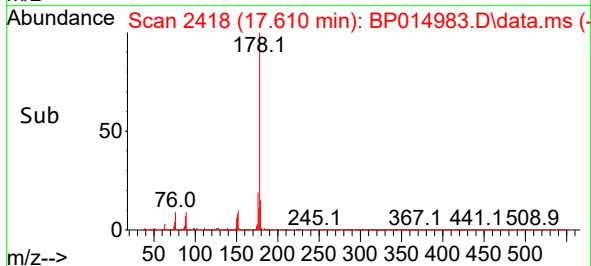
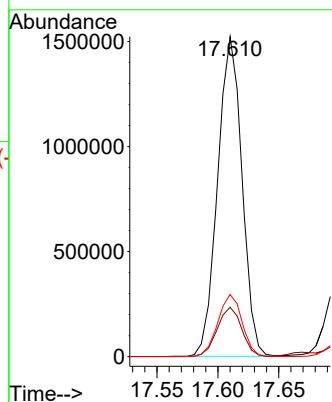
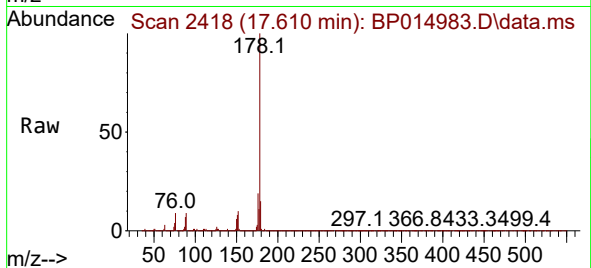
Tgt Ion:178 Resp: 2117705

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.5 15.4 23.0



#74

Anthracene

Concen: 4.331 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

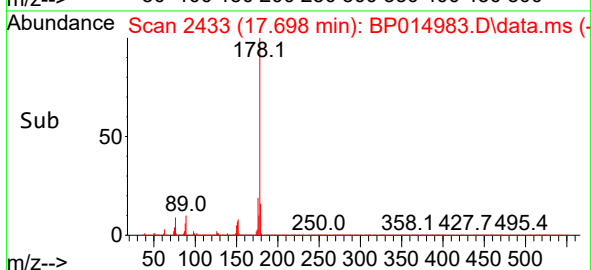
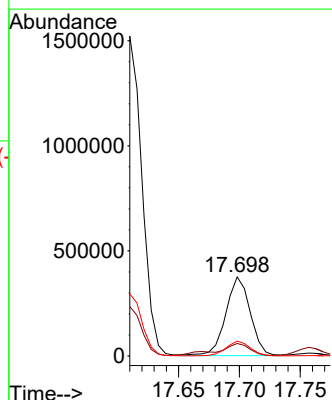
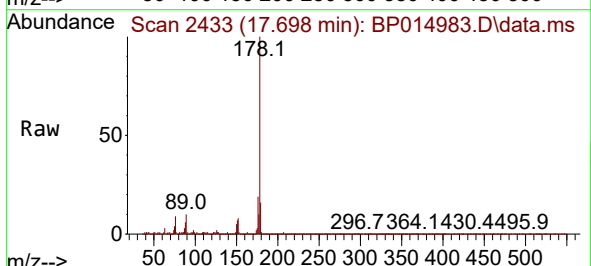
Tgt Ion:178 Resp: 522077

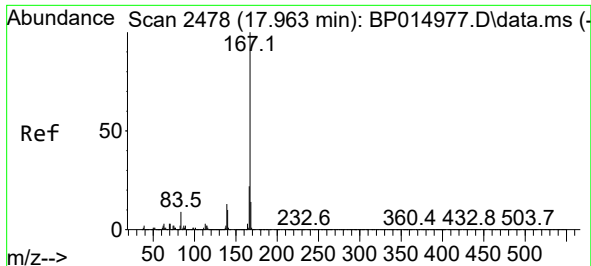
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 18.7 15.0 22.4

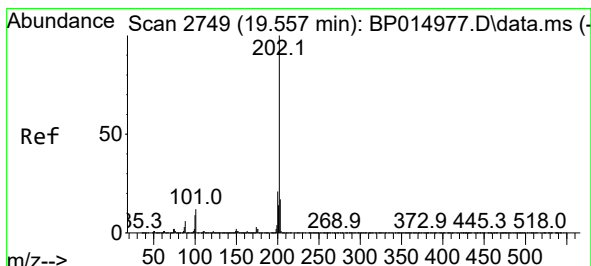
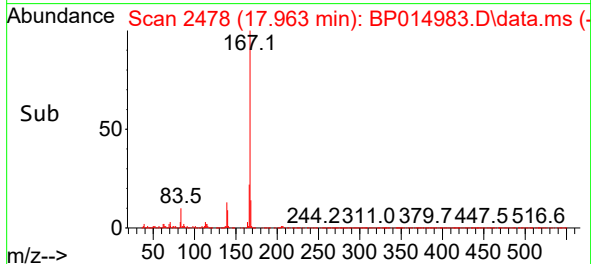
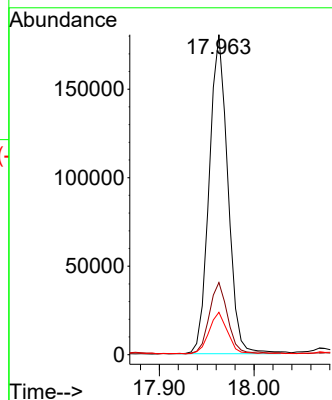
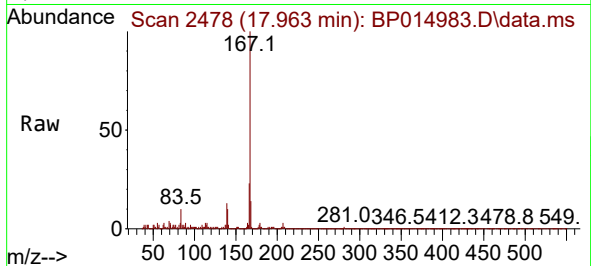




#77
 Carbazole
 Concen: 2.431 ng/ul
 RT: 17.963 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

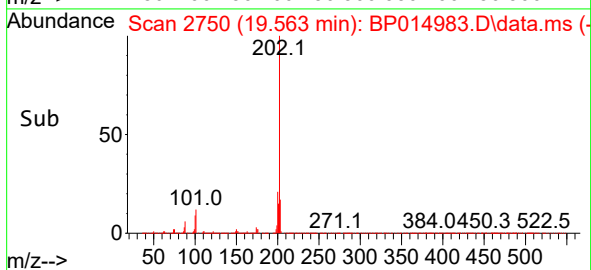
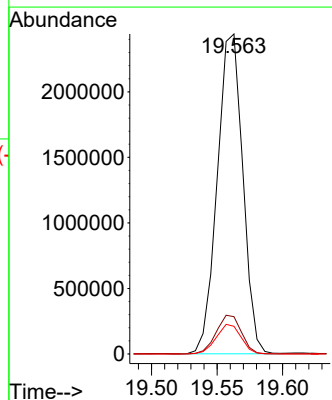
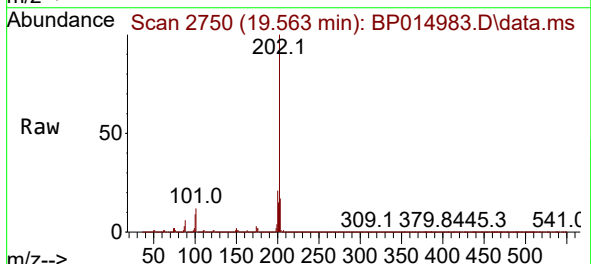
Instrument :
 BNA_P
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 EW949DL

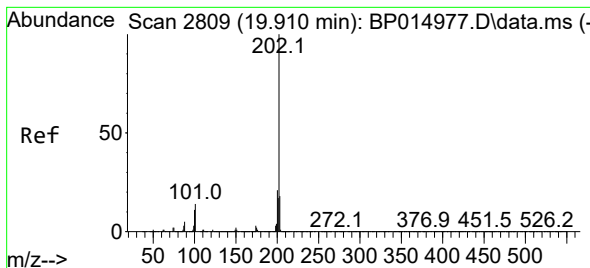
Tgt Ion:167 Resp: 246448
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 13.2 10.1 15.1



#80
 Fluoranthene
 Concen: 28.630 ng/ul
 RT: 19.563 min Scan# 2750
 Delta R.T. 0.006 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

Tgt Ion:202 Resp: 3302958
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.1 15.1
 100 8.7 7.7 11.5





#82

Pyrene

Concen: 22.406 ng/ul

RT: 19.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNA_P

ClientSampleId :

EW949DL

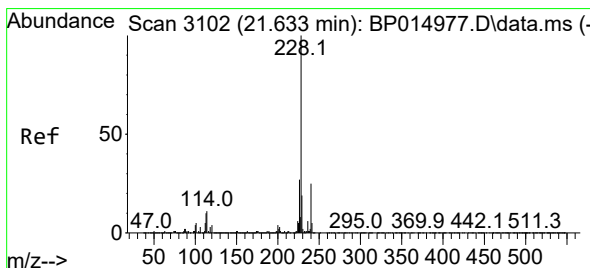
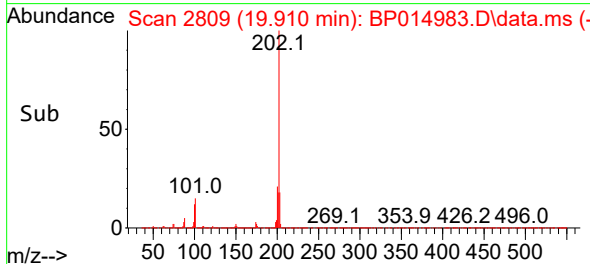
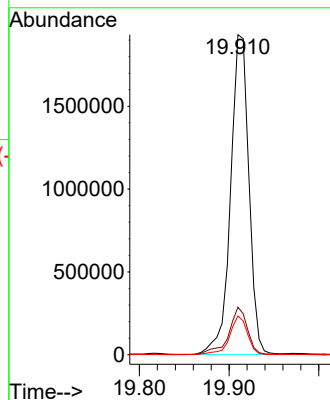
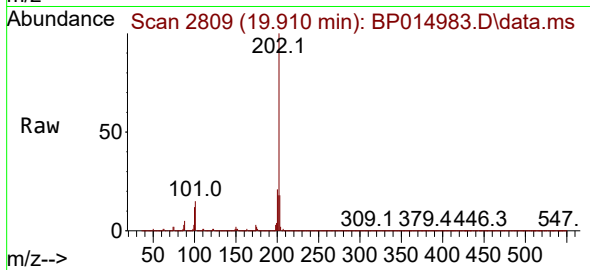
Tgt Ion:202 Resp: 2738614

Ion Ratio Lower Upper

202 100

101 14.9 11.9 17.9

100 12.1 9.7 14.5



#85

Benzo(a)anthracene

Concen: 12.052 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

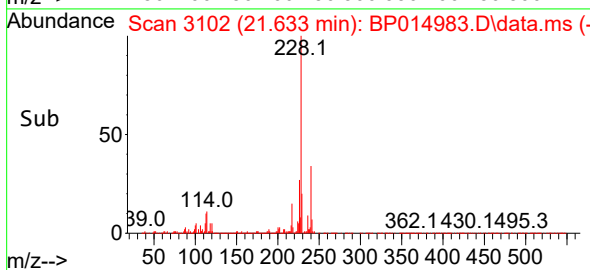
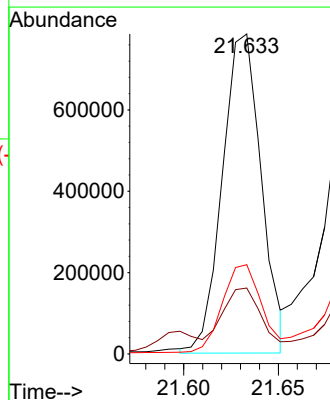
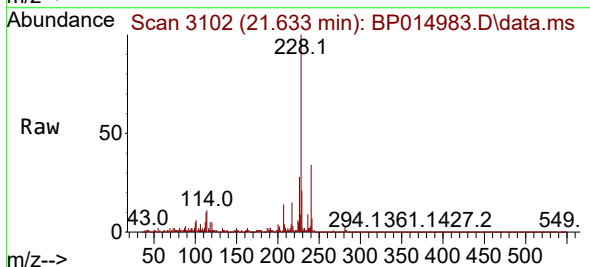
Tgt Ion:228 Resp: 1121401

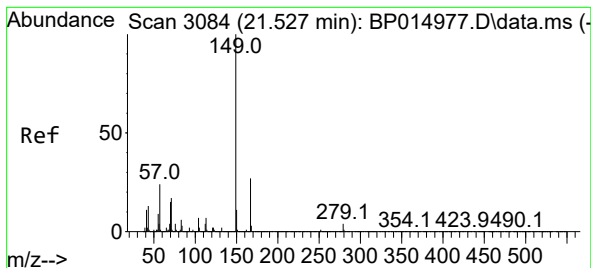
Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

226 27.9 22.1 33.1

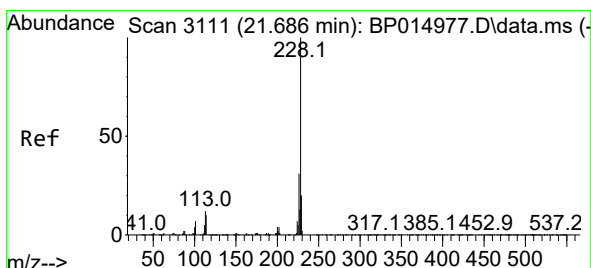
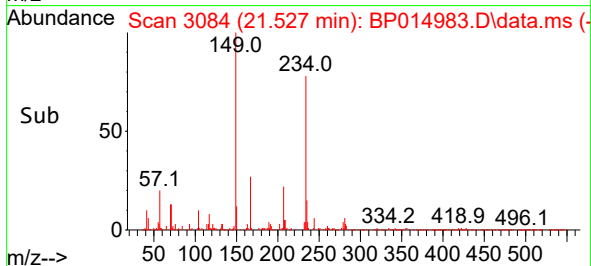
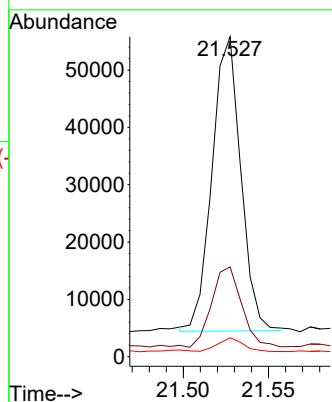
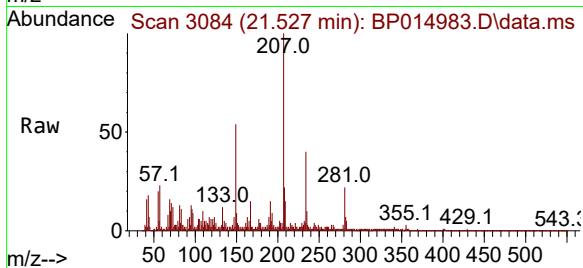




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.304 ng/ul
 RT: 21.527 min Scan# 3084
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

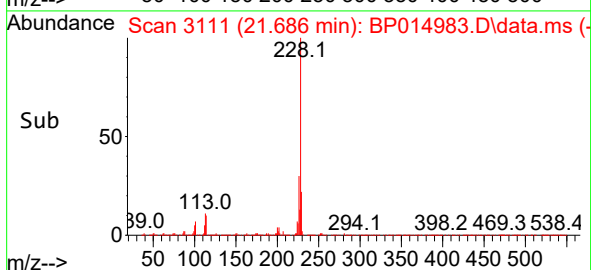
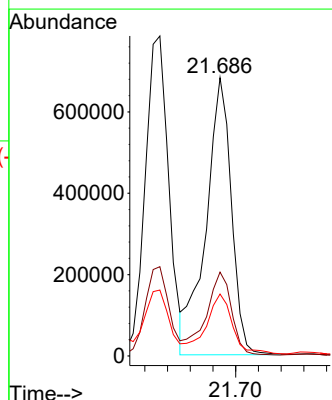
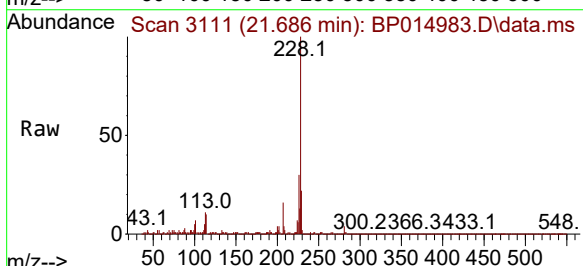
Instrument :
 BNA_P
 ClientSampleId :
 EW949DL

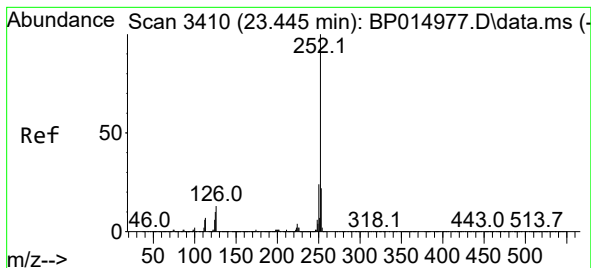
Tgt Ion:149 Resp: 60233
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.0 33.0
 279 5.9 2.9 4.3#



#87
 Chrysene
 Concen: 11.307 ng/ul
 RT: 21.686 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BP014983.D
 Acq: 05 May 2023 14:49

Tgt Ion:228 Resp: 1059334
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 22.2 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 13.141 ng/ul

RT: 23.451 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

Instrument :

BNA_P

ClientSampleId :

EW949DL

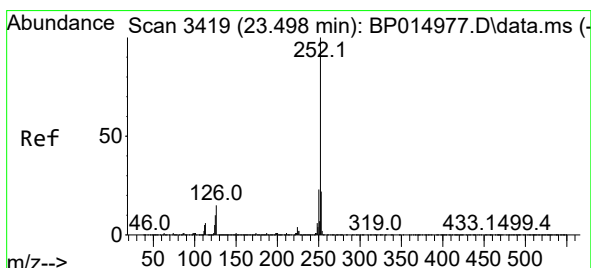
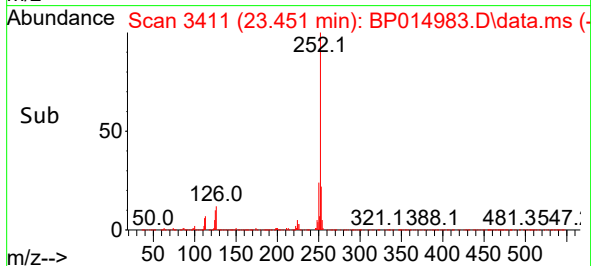
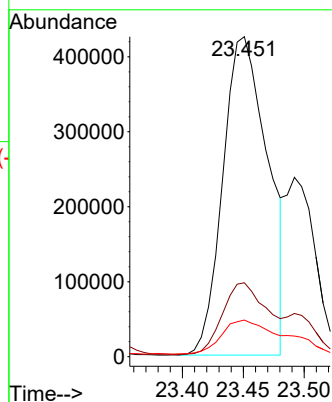
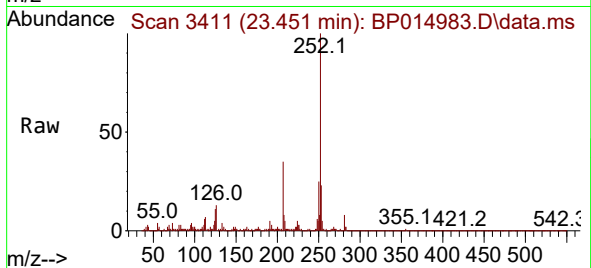
Tgt Ion:252 Resp: 1091738

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 11.4 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 12.912 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. -0.047 min

Lab File: BP014983.D

Acq: 05 May 2023 14:49

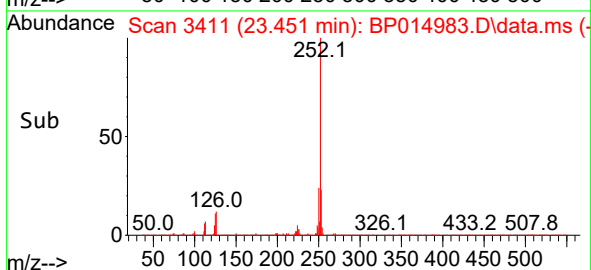
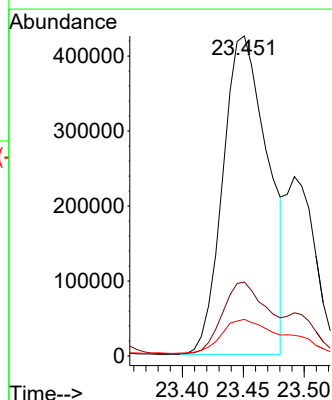
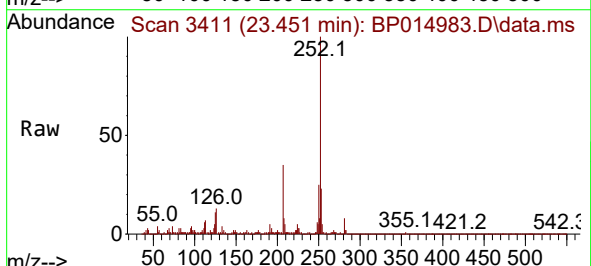
Tgt Ion:252 Resp: 1091738

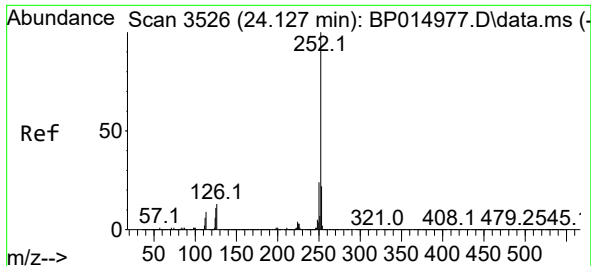
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 11.4 8.9 13.3

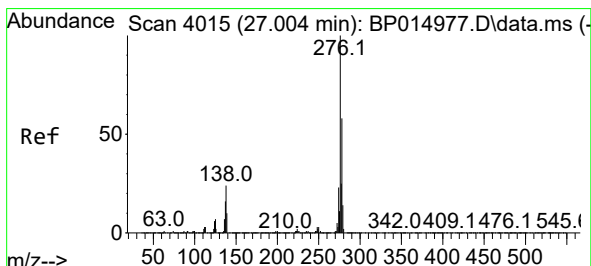
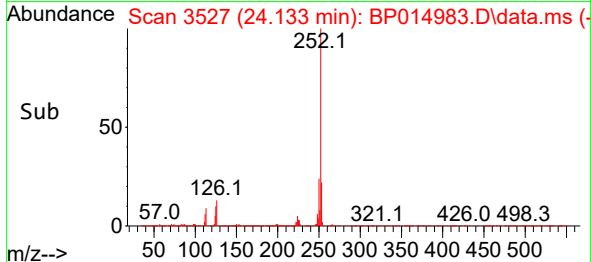
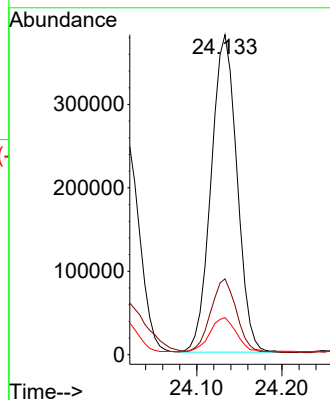
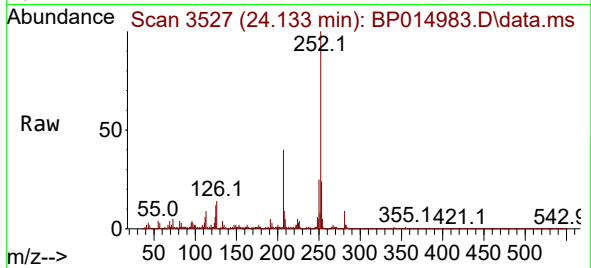




#93
Benzo(a)pyrene
Concen: 11.020 ng/ul
RT: 24.133 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

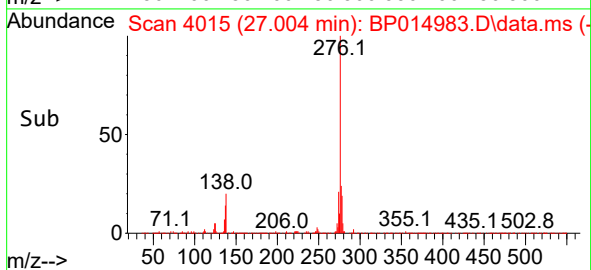
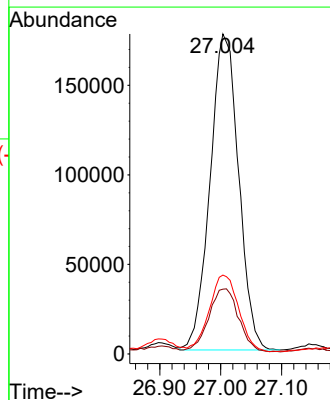
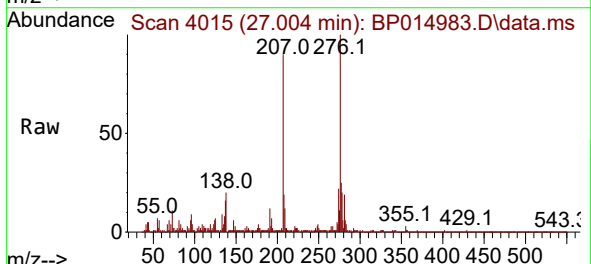
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EW949DL

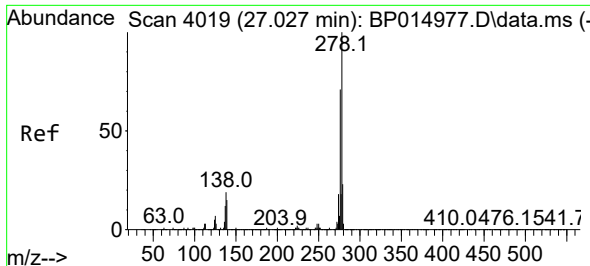
Tgt Ion:252 Resp: 802928
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.6 9.4 14.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.466 ng/ul
RT: 27.004 min Scan# 4015
Delta R.T. 0.000 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

Tgt Ion:276 Resp: 574684
Ion Ratio Lower Upper
276 100
138 20.3 19.4 29.0
277 24.6 19.4 29.2

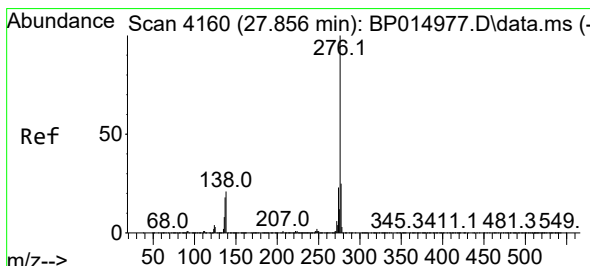
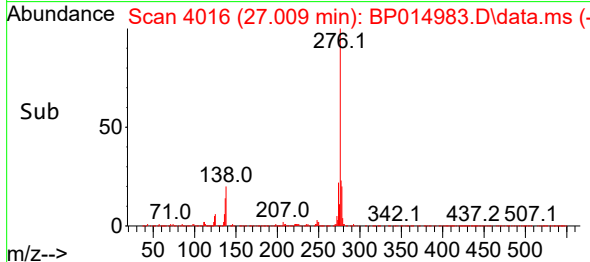
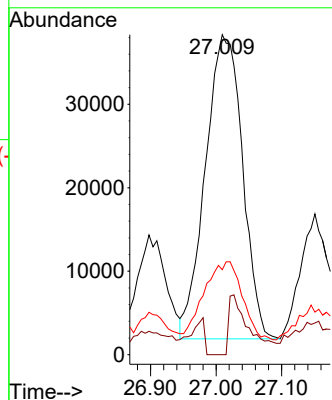
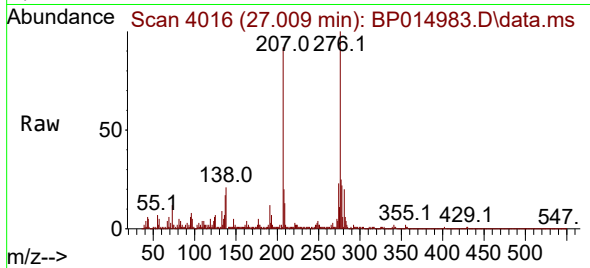




#95
Dibenzo(a,h)anthracene
Concen: 1.969 ng/ul
RT: 27.009 min Scan# 4019
Delta R.T. -0.018 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

Instrument :
BNA_P
ClientSampleId :
EW949DL

Tgt Ion:278 Resp: 143404
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3#
279 26.6 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 6.968 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BP014983.D
Acq: 05 May 2023 14:49

Tgt Ion:276 Resp: 527100
Ion Ratio Lower Upper
276 100
138 21.0 18.0 27.0
277 23.6 19.8 29.8

