

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015951.D
 Acq On : 03 Jul 2023 15:04
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE2

Quant Time: Jul 03 22:08:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

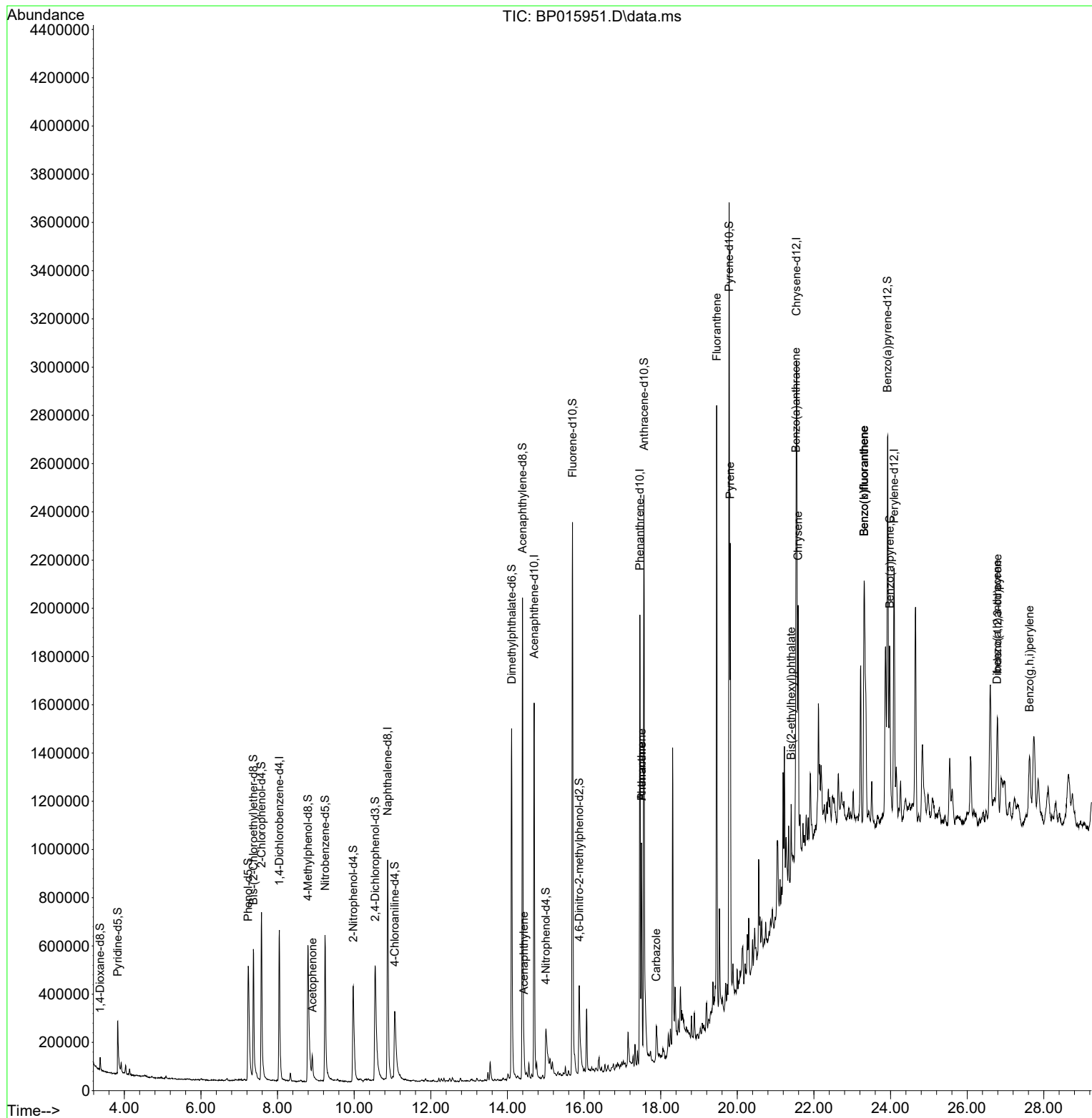
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	203196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	890798	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	537663	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1100799	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	761815	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	862677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	24548	4.347	ng/uL	0.00
4) Pyridine-d5	3.828	84	143599	10.087	ng/ul	0.01
7) Phenol-d5	7.234	99	459437	26.426	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	305157	28.370	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	364593	27.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	369492	26.902	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	179923	26.429	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	196177	24.690	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.546	165	344706	24.345	ng/ul	0.04
31) 4-Chloroaniline-d4	11.057	131	314852	17.311	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1180643	28.410	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1338521	28.652	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	118472	21.603	ng/ul	0.05
60) Fluorene-d10	15.698	176	995019	29.079	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	115210	17.018	ng/ul	0.02
73) Anthracene-d10	17.563	188	1457810	28.992	ng/ul	0.00
81) Pyrene-d10	19.786	212	1525727	30.671	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1278673	29.383	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.910	105	60063	2.660	ng/ul	95
50) Acenaphthylene	14.428	152	67344	1.308	ng/ul	98
72) Phenanthrene	17.504	178	552056	9.231	ng/ul	99
74) Anthracene	17.504	178	552056	9.187	ng/ul	99
77) Carbazole	17.886	167	93375	1.844	ng/ul	98
80) Fluoranthene	19.463	202	1439522	23.285	ng/ul#	94
82) Pyrene	19.816	202	1115745	17.692	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	628034	11.719	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	76480	2.163	ng/ul	98
87) Chrysene	21.586	228	645321	12.692	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	974381	17.578	ng/ul#	96
91) Benzo(k)fluoranthene	23.310	252	974381	17.398	ng/ul#	95
93) Benzo(a)pyrene	23.980	252	591112	12.204	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	476413	7.246	ng/ul	96
95) Dibenzo(a,h)anthracene	26.780	278	128908	2.387	ng/ul#	75
96) Benzo(g,h,i)perylene	27.627	276	421076	7.784	ng/ul#	95

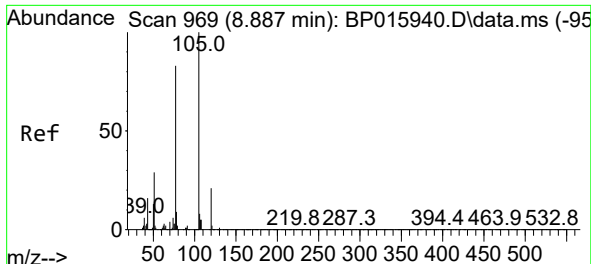
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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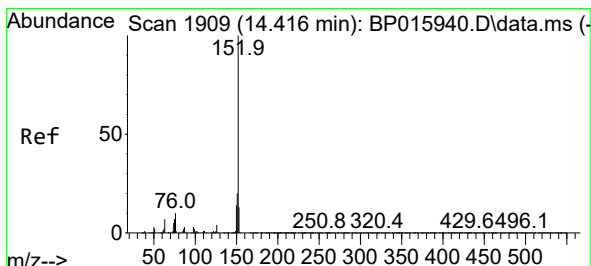
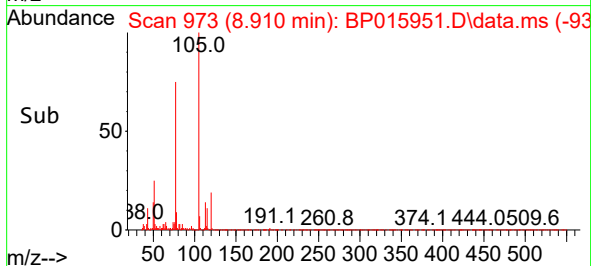
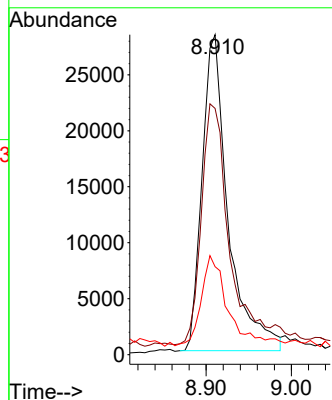
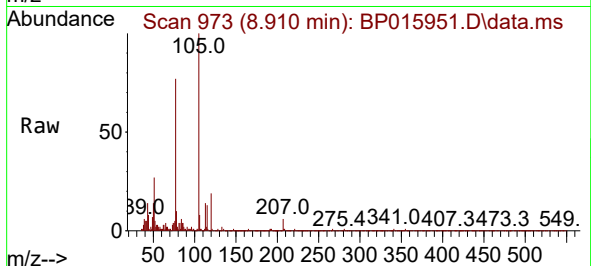




#16
Acetophenone
Concen: 2.660 ng/ul
RT: 8.910 min Scan# 911
Delta R.T. 0.024 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

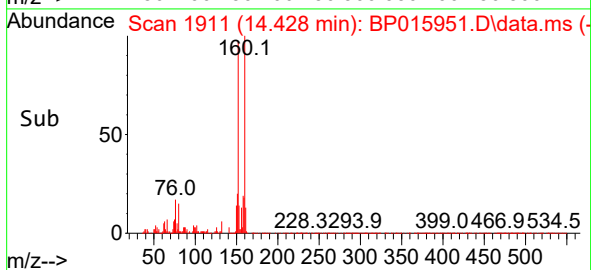
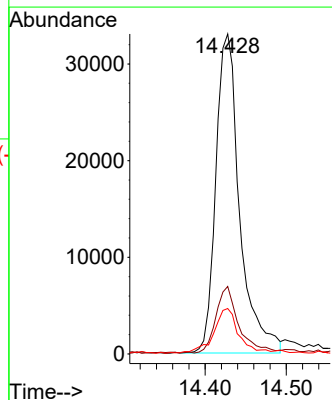
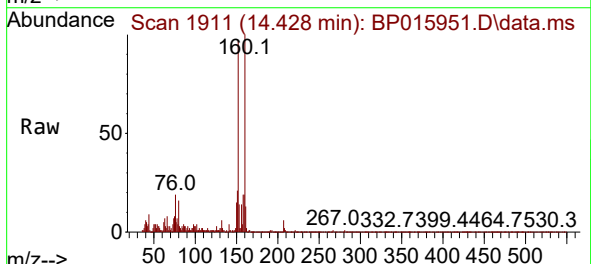
Instrument :
BNA_P
ClientSampleId :
DCGE2

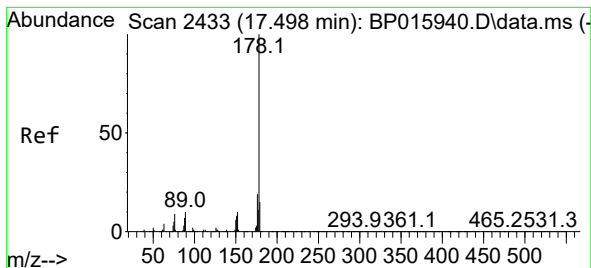
Tgt Ion:105 Resp: 60063
Ion Ratio Lower Upper
105 100
77 77.0 65.0 97.4
51 27.5 25.1 37.7



#50
Acenaphthylene
Concen: 1.308 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Tgt Ion:152 Resp: 67344
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.2 10.5 15.7





#72

Phenanthrene

Concen: 9.231 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

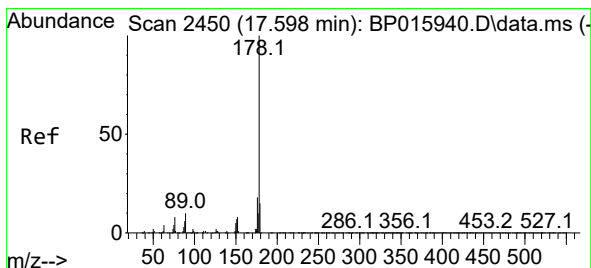
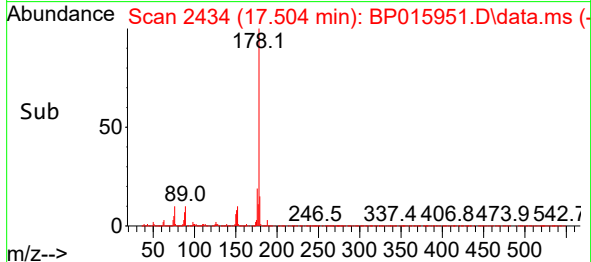
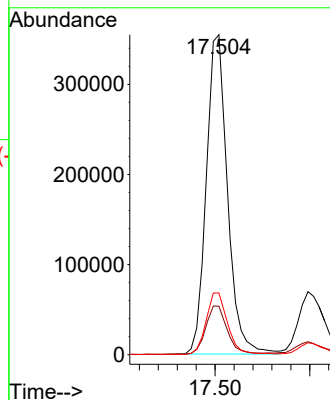
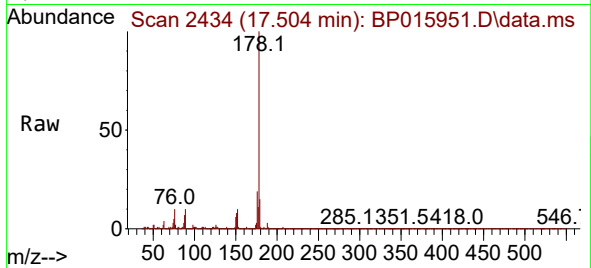
Tgt Ion:178 Resp: 552056

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 9.187 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.094 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

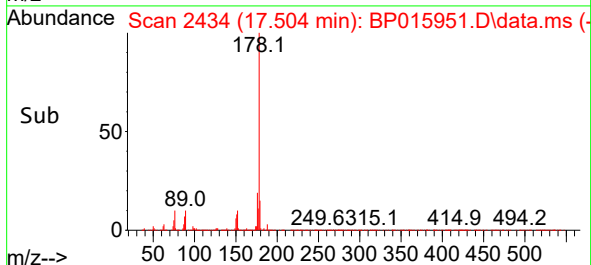
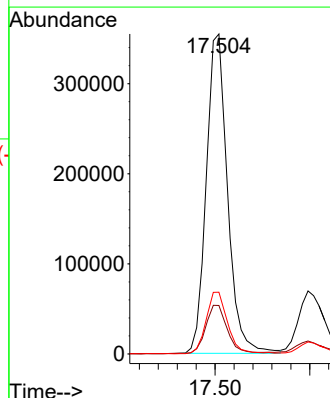
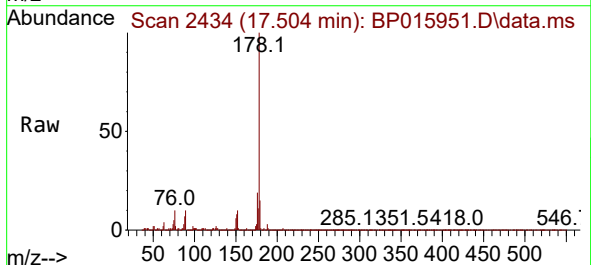
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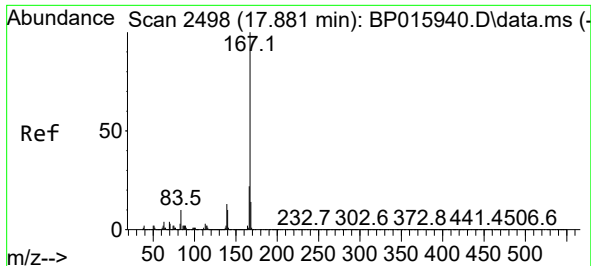
Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 19.3 14.6 22.0

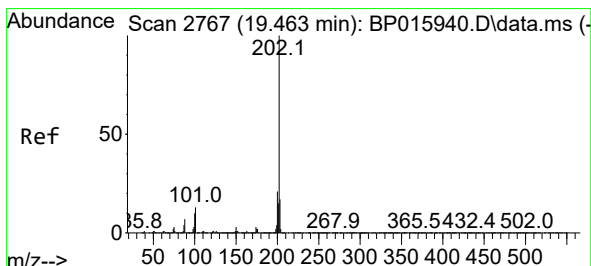
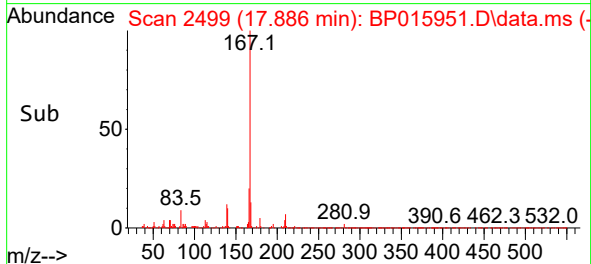
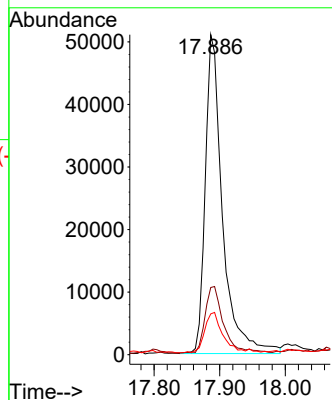
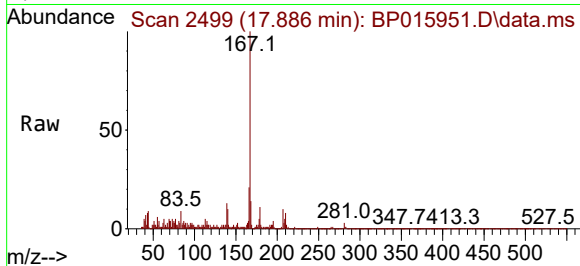




#77
Carbazole
Concen: 1.844 ng/ul
RT: 17.886 min Scan# 2499
Delta R.T. 0.012 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

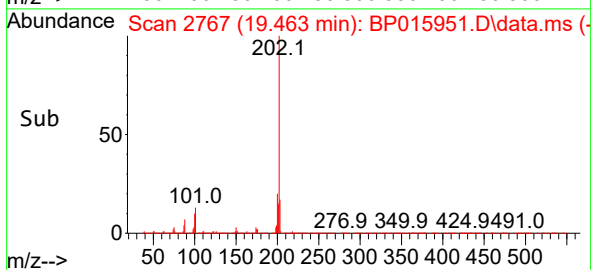
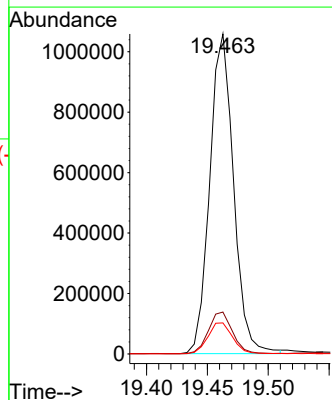
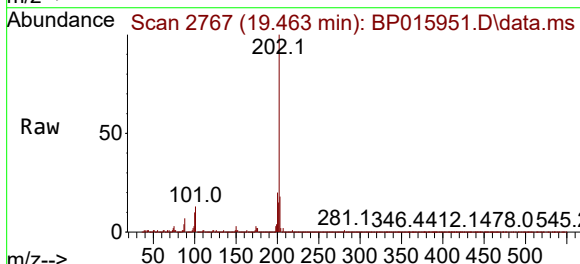
Instrument :
BNA_P
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DCGE2

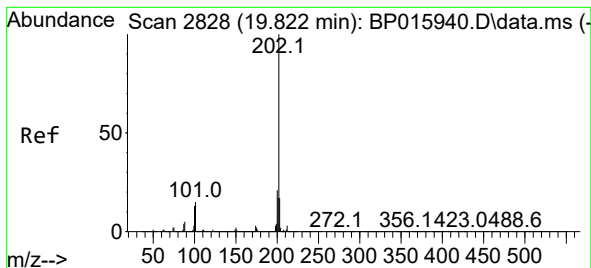
Tgt Ion:167 Resp: 93375
Ion Ratio Lower Upper
167 100
166 21.0 17.4 26.0
139 12.8 11.0 16.4



#80
Fluoranthene
Concen: 23.285 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Tgt Ion:202 Resp: 1439522
Ion Ratio Lower Upper
202 100
101 13.1 8.3 12.5#
100 9.7 6.6 9.8





#82

Pyrene

Concen: 17.692 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

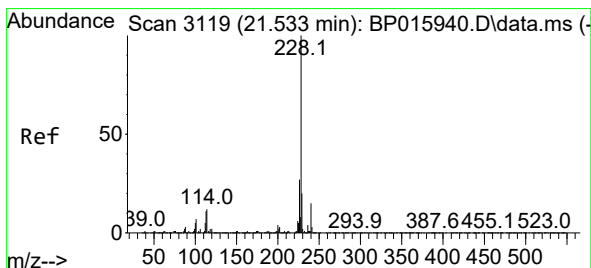
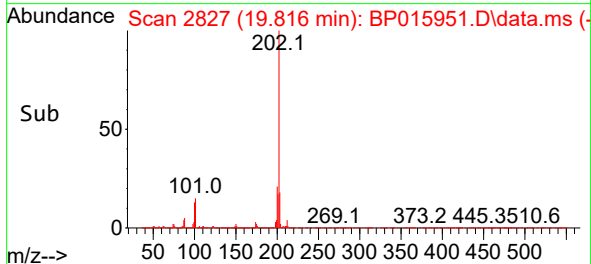
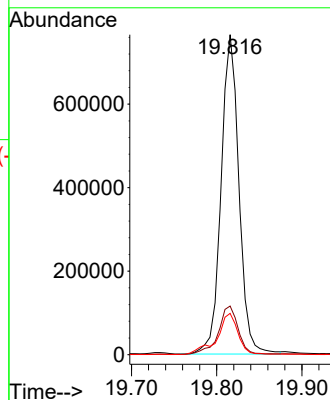
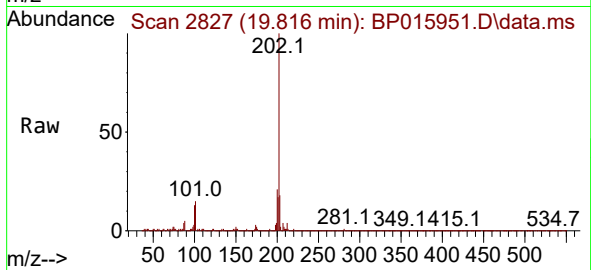
Tgt Ion:202 Resp: 1115745

Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 11.719 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

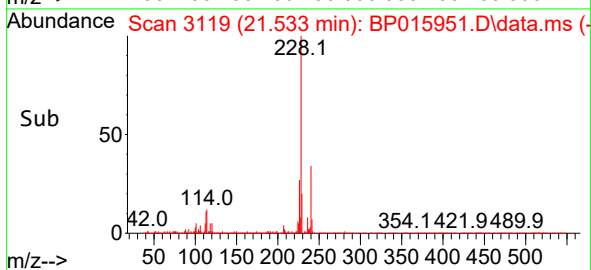
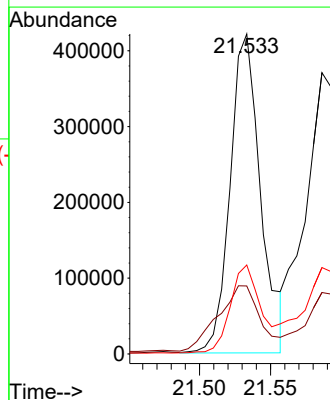
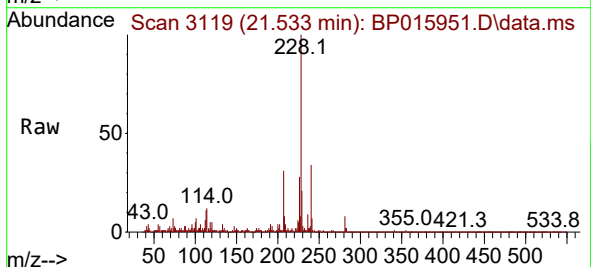
Tgt Ion:228 Resp: 628034

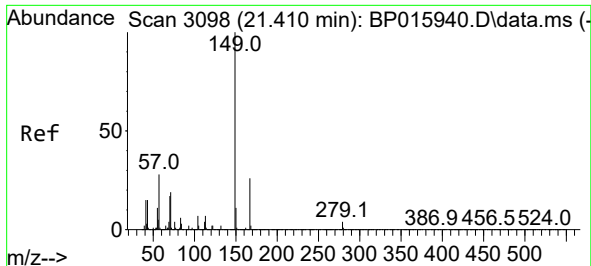
Ion Ratio Lower Upper

228 100

229 21.2 15.3 22.9

226 27.8 21.4 32.0

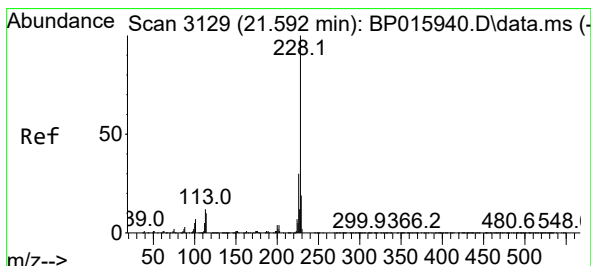
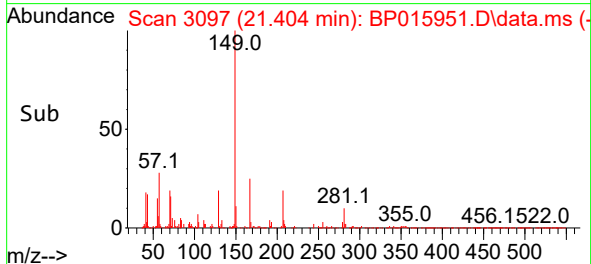
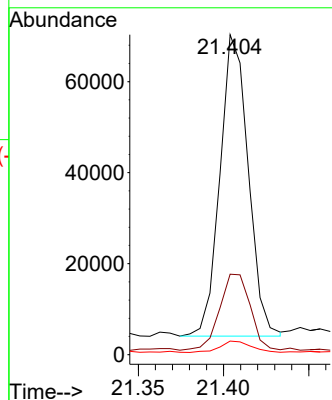
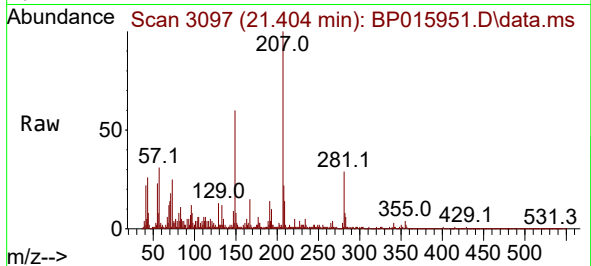




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.163 ng/ul
RT: 21.404 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

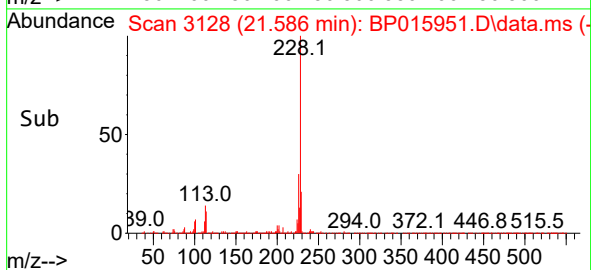
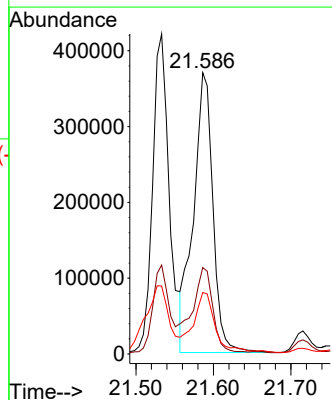
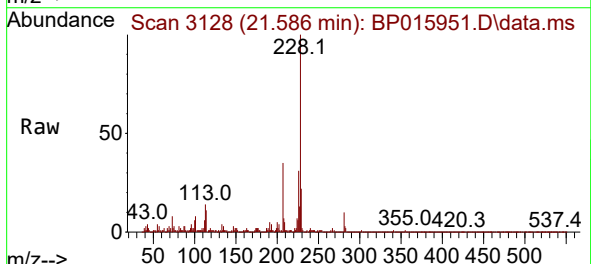
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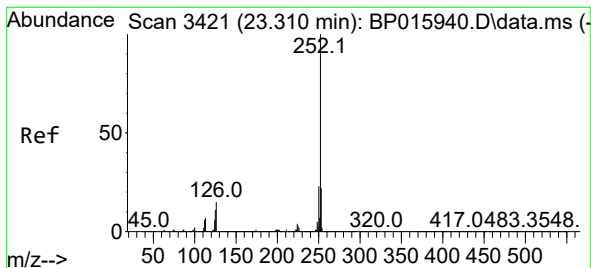
Tgt Ion:149 Resp: 76480
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.6
279 4.3 3.8 5.6



#87
Chrysene
Concen: 12.692 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Tgt Ion:228 Resp: 645321
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 17.578 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

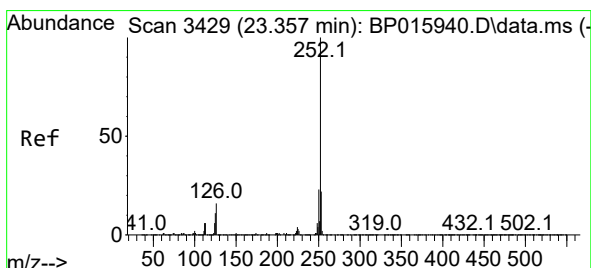
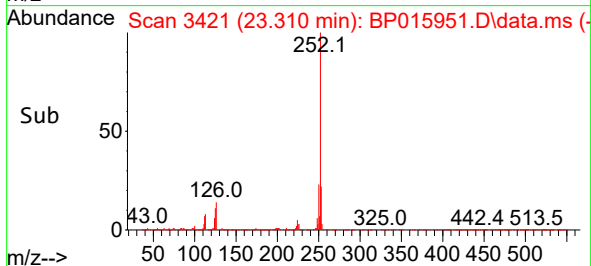
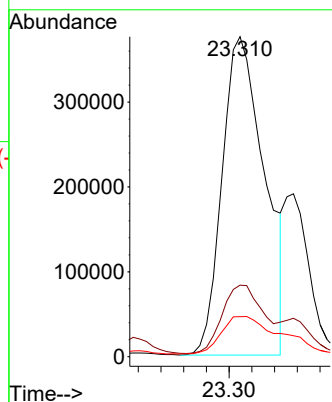
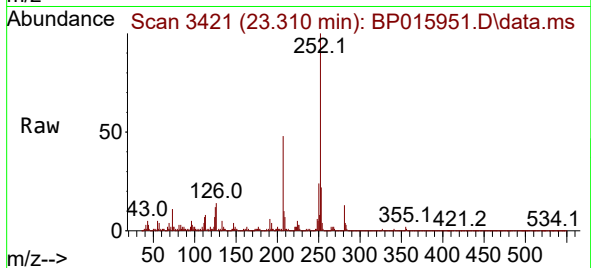
Tgt Ion:252 Resp: 974381

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 12.5 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 17.398 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.047 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

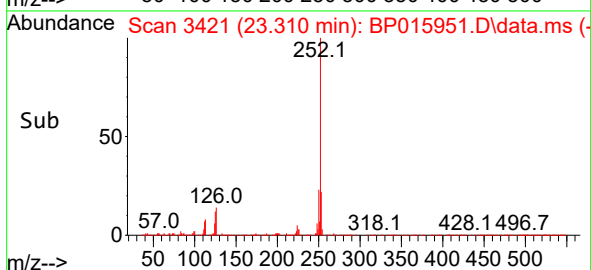
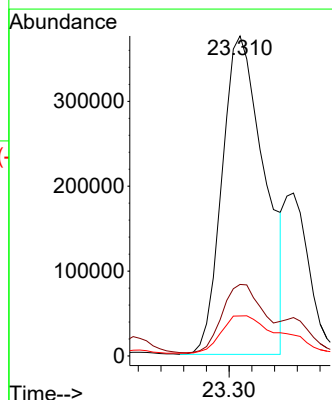
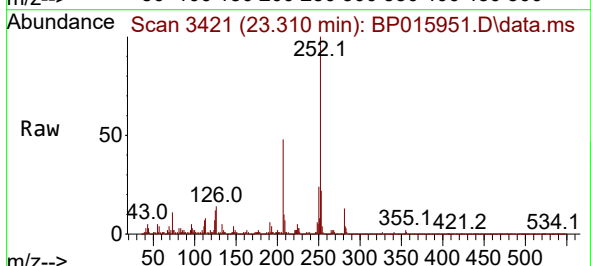
Tgt Ion:252 Resp: 974381

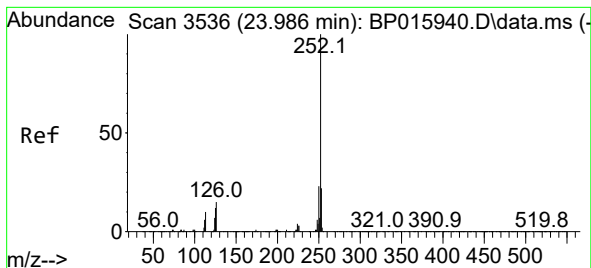
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 12.5 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 12.204 ng/ul

RT: 23.980 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

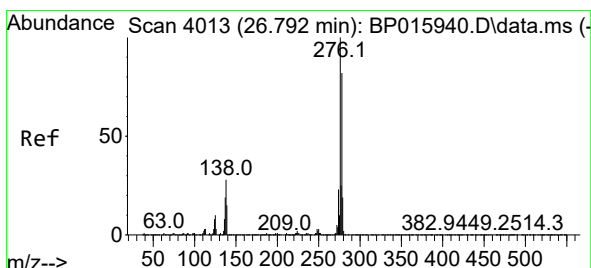
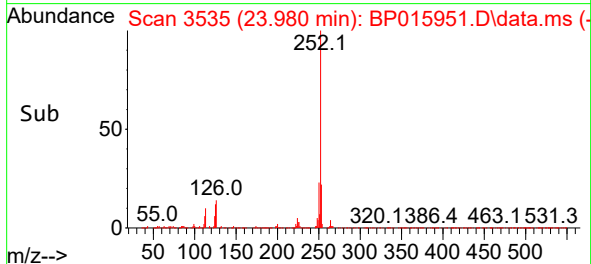
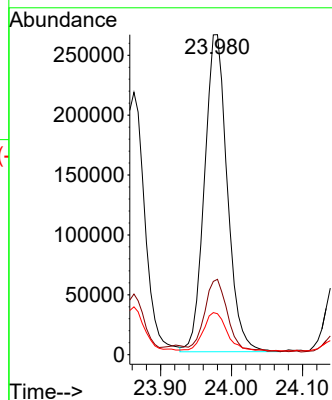
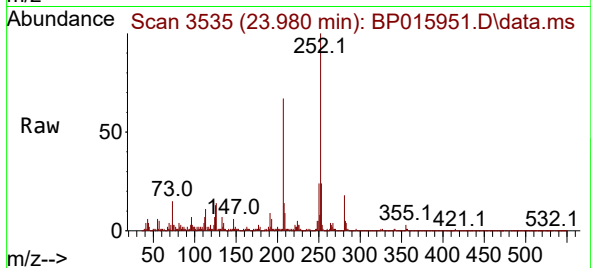
Tgt Ion:252 Resp: 591112

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 12.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.246 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

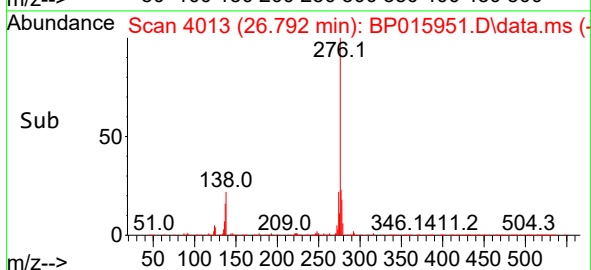
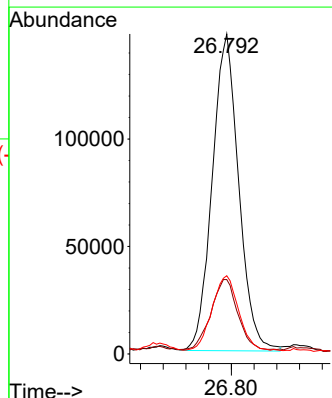
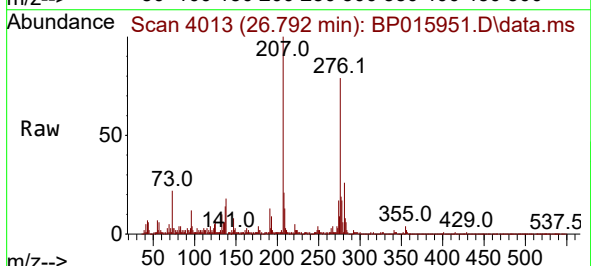
Tgt Ion:276 Resp: 476413

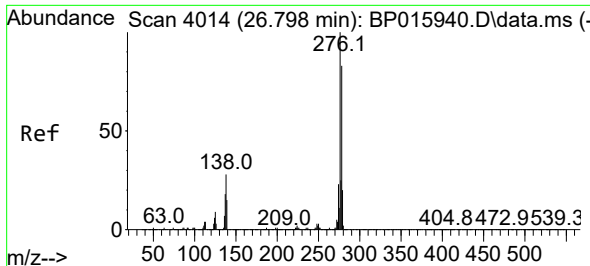
Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

277 24.5 19.6 29.4

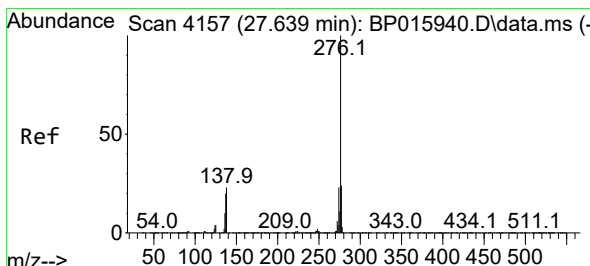
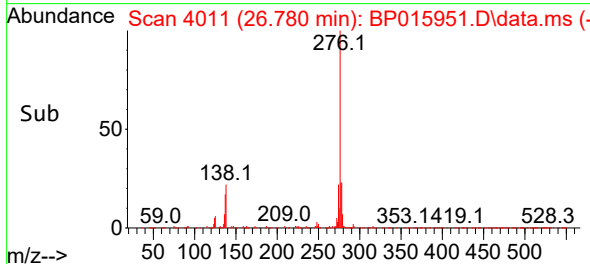
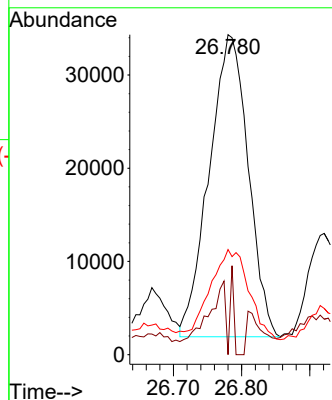
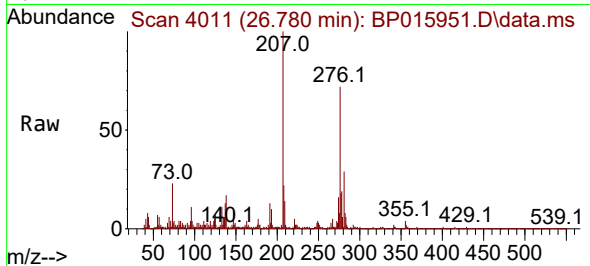




#95
Dibenzo(a,h)anthracene
Concen: 2.387 ng/ul
RT: 26.780 min Scan# 4011
Delta R.T. -0.017 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Instrument :
BNA_P
ClientSampleId :
DCGE2

Tgt Ion:278 Resp: 128908
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7#
279 32.9 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 7.784 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Tgt Ion:276 Resp: 421076
Ion Ratio Lower Upper
276 100
138 23.0 15.1 22.7#
277 24.2 18.8 28.2

