

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030547.D
 Acq On : 23 Jun 2021 11:06
 Operator : CG/JU
 Sample : M2662-11DL 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL

Quant Time: Jun 23 11:59:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

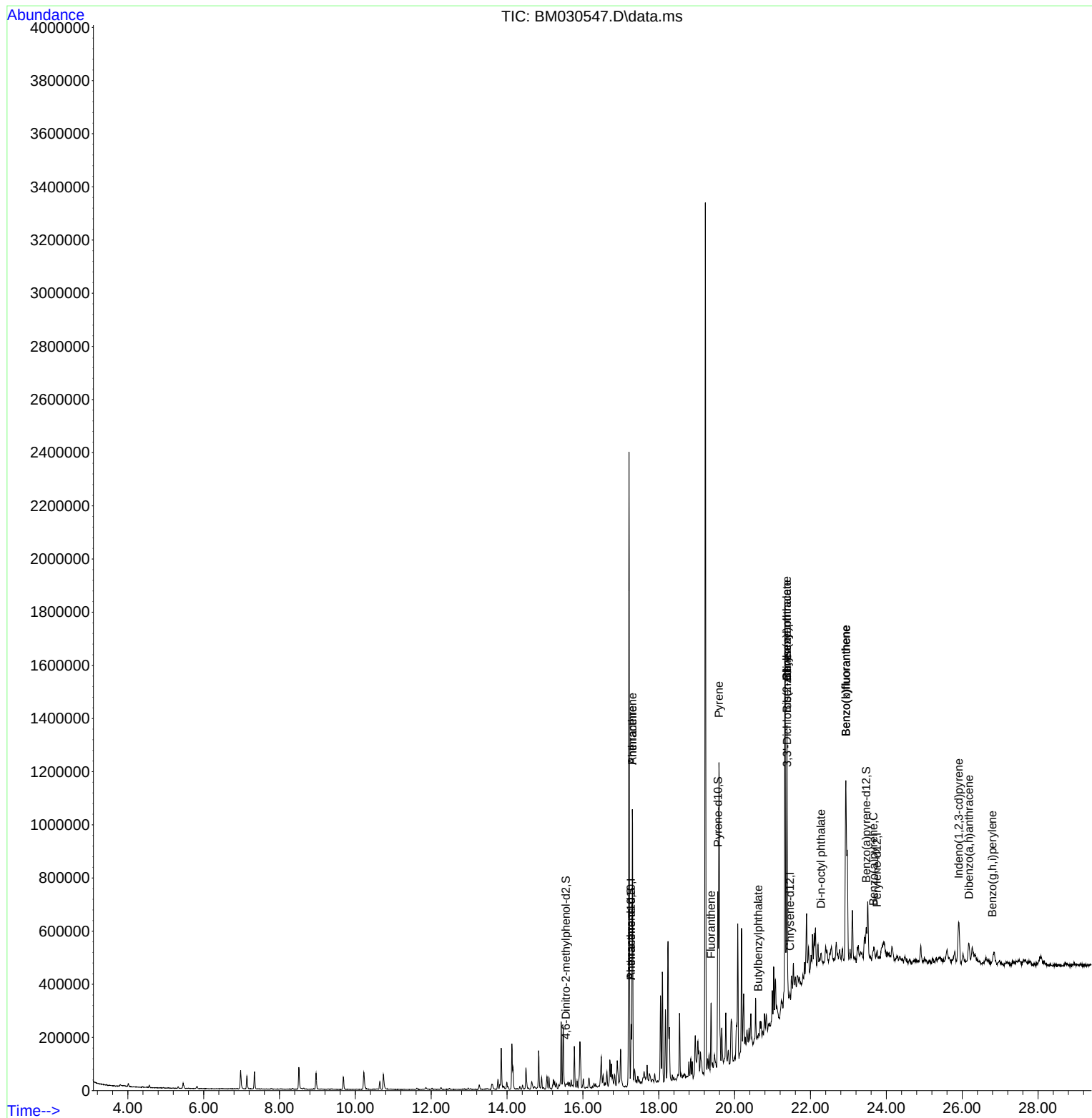
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/u1	-7.81
20) Naphthalene-d8	0.000	136	0	0.000	ng/u1	-10.60
38) Acenaphthene-d10	0.000	164	0	0.000	ng/u1	-14.45
64) Phenanthrene-d10	17.268	188	121925	20.000	ng/u1	0.09
79) Chrysene-d12	21.462	240	398	20.000	ng/u1	# 0.11
88) Perylene-d12	23.750	264	292	20.000	ng/u1	# 0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	1663	0.000	ng/uL	0.01
4) Pyridine-d5	3.693	84	588	0.000	ng/u1	0.00
7) Phenol-d5	6.975	99	39151	0.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	23921	0.000	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	28556	0.000	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	33337	0.000	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	13752	0.000	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	15021	0.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	29875	0.000	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	34741	0.000	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	99385	0.000	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	116740	0.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	5569	0.000	ng/u1	0.01
60) Fluorene-d10	15.427	176	89700	0.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	4264	5.345	ng/u1	0.00
73) Anthracene-d10	17.268	188	121925	21.427	ng/u1	-0.01
81) Pyrene-d10	19.556	212	96887	4645.818	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.468	264	76226	5021.073	ng/u1	-0.01
Target Compounds	Qvalue					
72) Phenanthrene	17.304	178	632752	96.639	ng/u1	99
74) Anthracene	17.304	178	628383	93.864	ng/u1	99
80) Fluoranthene	19.380	202	148813	5842.724	ng/u1	97
82) Pyrene	19.586	202	728700	27228.527	ng/u1	100
83) Butylbenzylphthalate	20.621	149	181	20.546	ng/u1#	57
84) 3,3'-Dichlorobenzidine	21.386	252	5535	705.512	ng/u1#	6
85) Benzo(a)anthracene	21.380	228	536928	21738.484	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.374	149	2098	165.580	ng/u1#	67
87) Chrysene	21.380	228	536928	22299.075	ng/u1	97
89) Di-n-octyl phthalate	22.274	149	977	58.164	ng/u1	100
90) Benzo(b)fluoranthene	22.933	252	648372	34974.253	ng/u1	99
91) Benzo(k)fluoranthene	22.933	252	246279	13823.343	ng/u1	99
93) Benzo(a)pyrene	23.662	252	10554	633.141	ng/u1#	44
94) Indeno(1,2,3-cd)pyrene	25.909	276	106964	5097.138	ng/u1	95
95) Dibenzo(a,h)anthracene	26.180	278	80383	4620.667	ng/u1	96
96) Benzo(g,h,i)perylene	26.791	276	720	41.123	ng/u1#	1

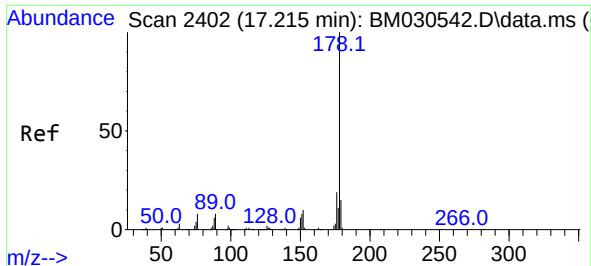
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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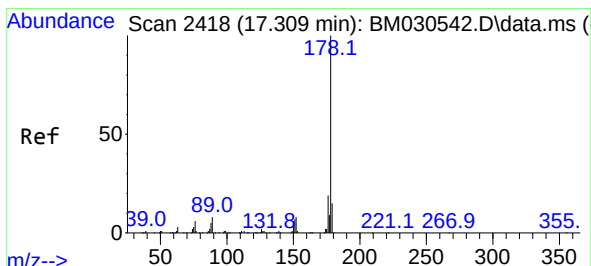
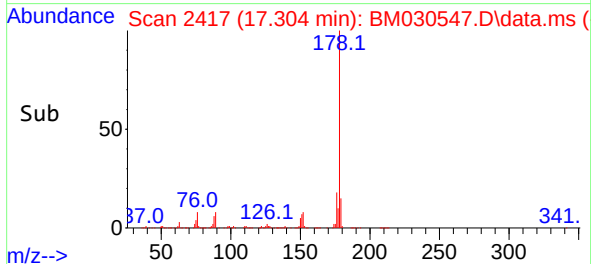
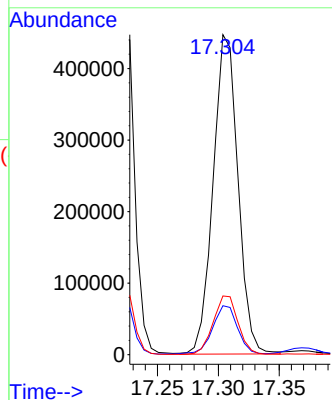
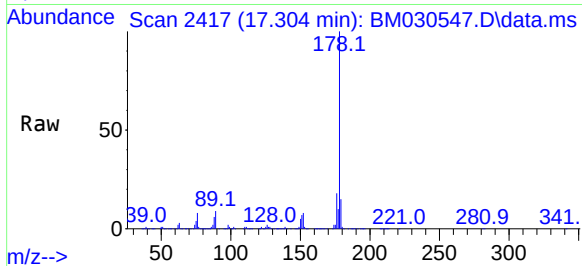




#72
Phenanthrene
Concen: 96.639 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.082 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

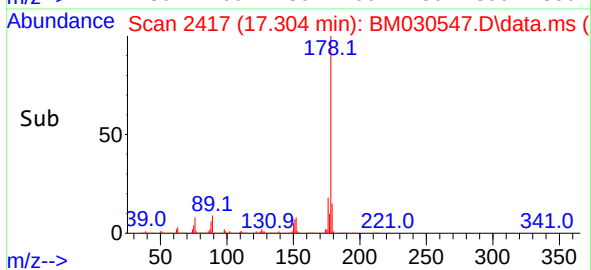
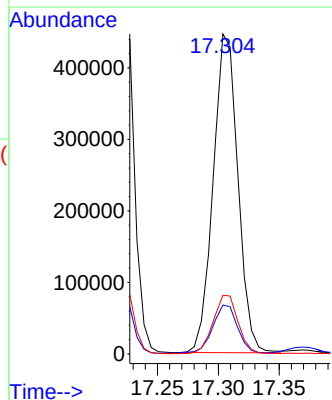
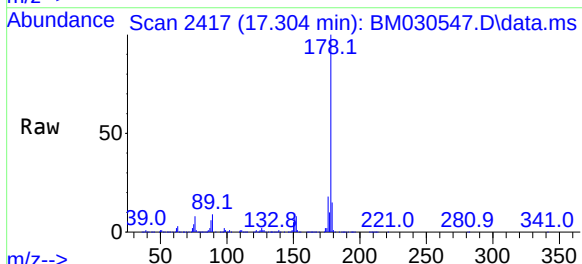
Instrument :
BNA_M
ClientSampleId :
BGDF5DL

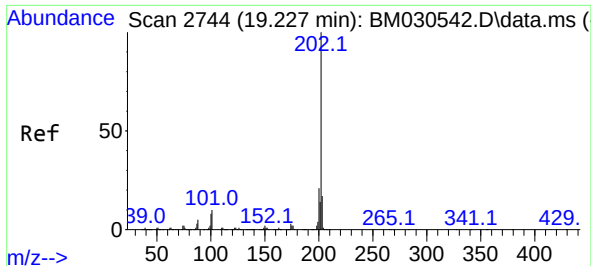
Tgt Ion:178 Resp: 632752
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.4 15.2 22.8



#74
Anthracene
Concen: 93.864 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:178 Resp: 628383
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.4 15.2 22.8



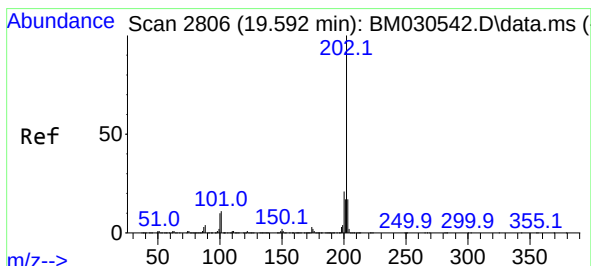
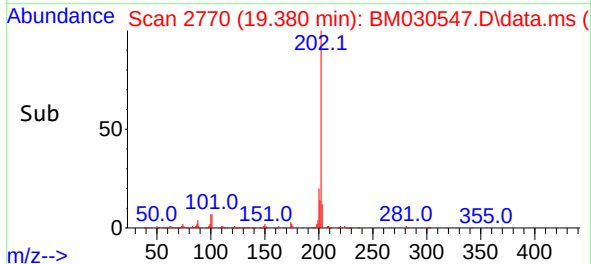
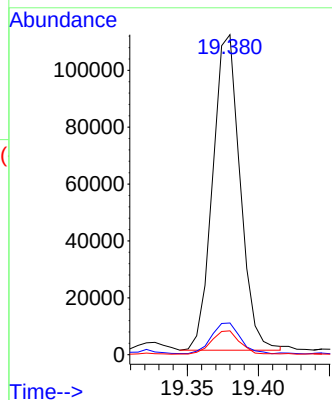
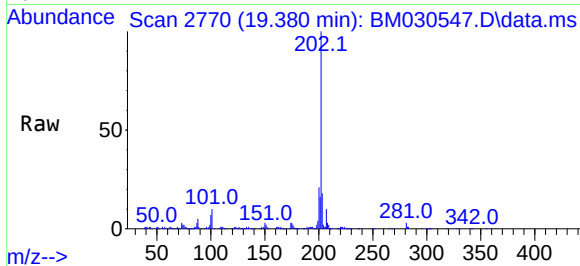


#80
Fluoranthene
Concen: 5842.724 ng/ul
RT: 19.380 min Scan# 2770
Delta R.T. 0.147 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Tgt Ion:202 Resp: 148813

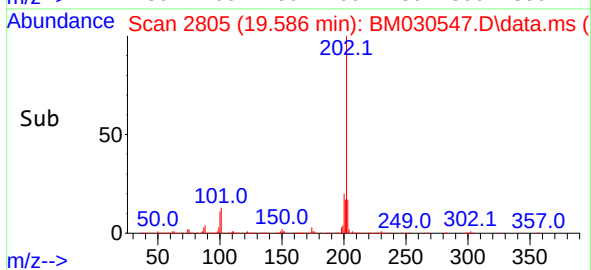
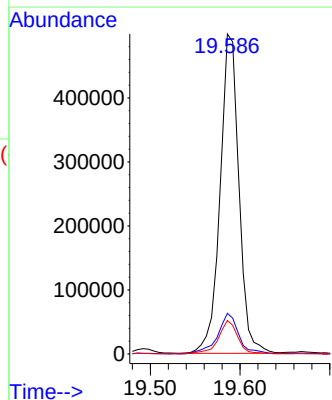
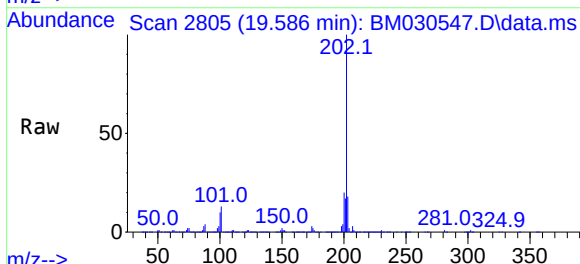
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	7.5	6.8	10.2

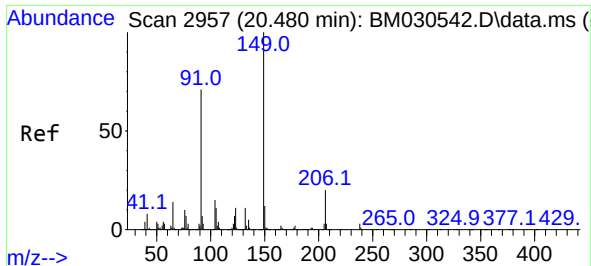


#82
Pyrene
Concen: 27228.527 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:202 Resp: 728700

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
100	10.4	8.5	12.7

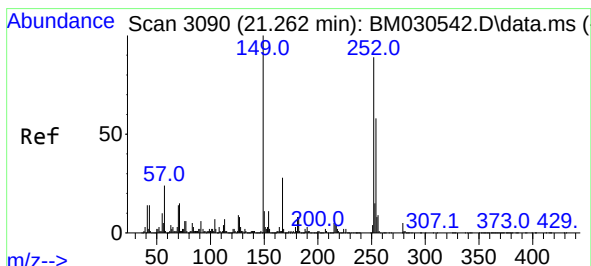
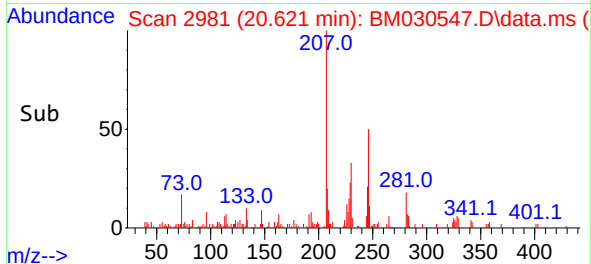
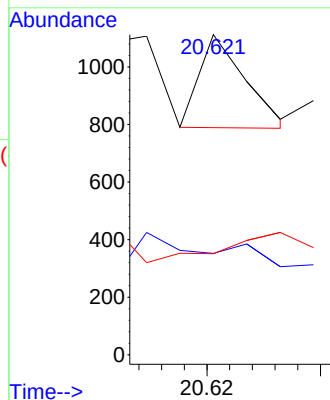
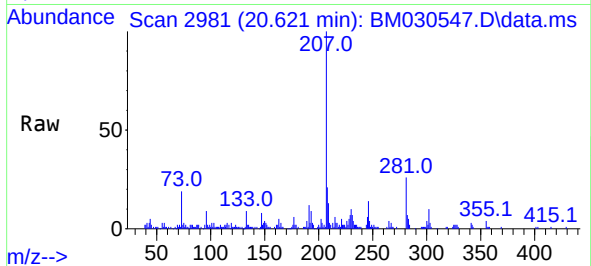




#83
Butylbenzylphthalate
Concen: 20.546 ng/ul
RT: 20.621 min Scan# 2981
Delta R.T. 0.129 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

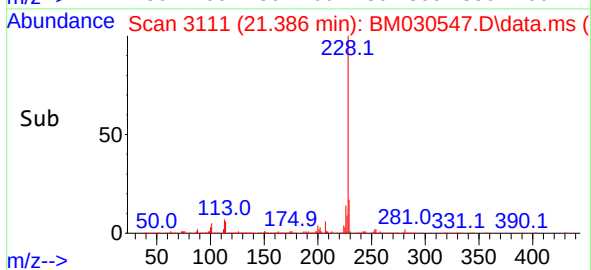
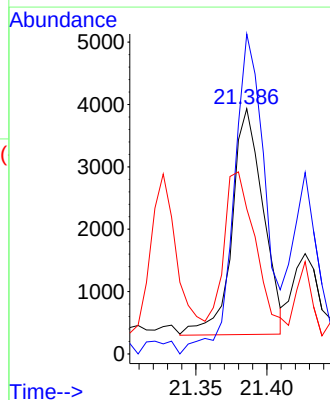
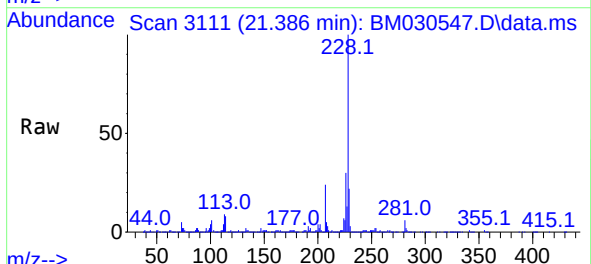
Instrument :
BNA_M
ClientSampled :
BGDF5DL

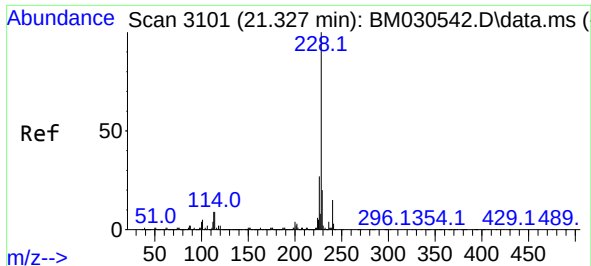
Tgt Ion:149 Resp: 181
Ion Ratio Lower Upper
149 100
91 31.7 57.4 86.2#
206 31.6 15.9 23.9#



#84
3,3'-Dichlorobenzidine
Concen: 705.512 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.118 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:252 Resp: 5535
Ion Ratio Lower Upper
252 100
254 130.5 49.9 74.9#
126 59.2 8.9 13.3#



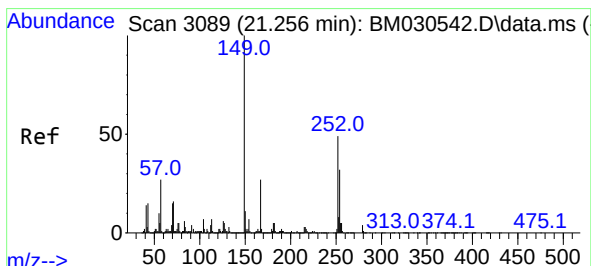
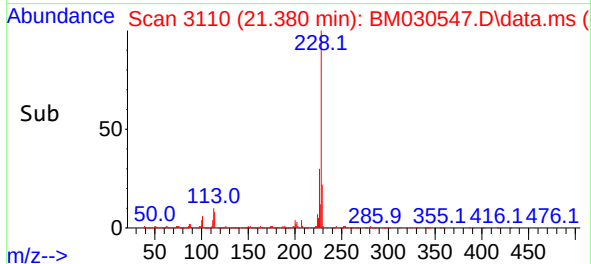
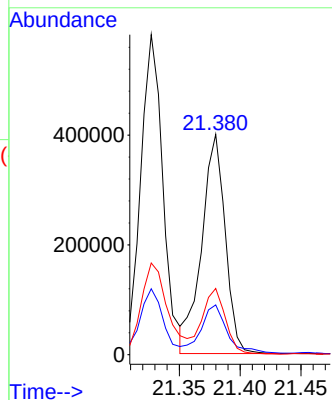
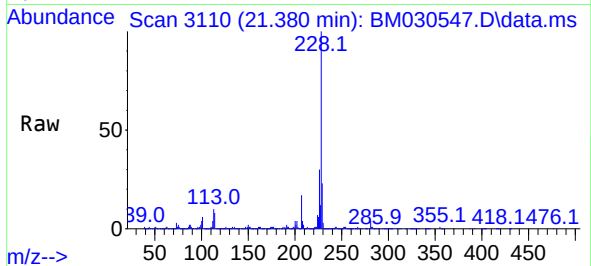


#85
Benzo(a)anthracene
Concen: 21738.484 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. 0.047 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Tgt Ion:228 Resp: 536928

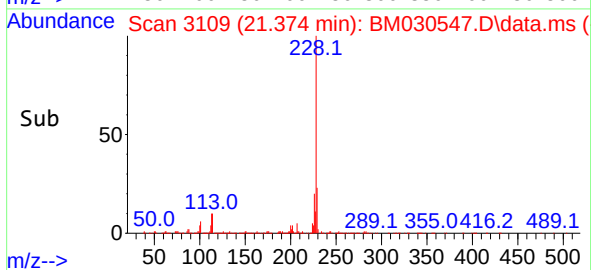
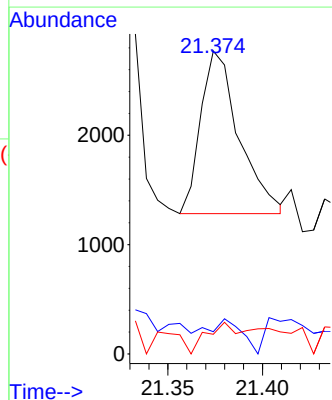
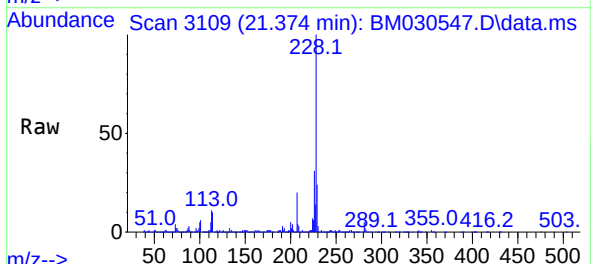
Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.0	24.0
226	30.1	22.2	33.2

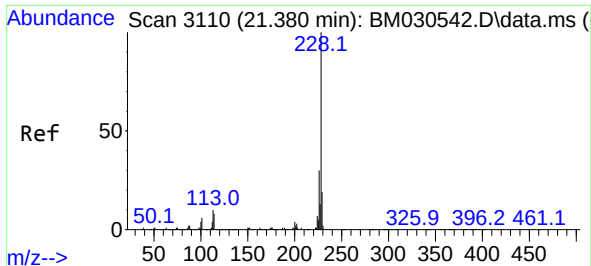


#86
Bis(2-ethylhexyl)phthalate
Concen: 165.580 ng/u1
RT: 21.374 min Scan# 3109
Delta R.T. 0.112 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:149 Resp: 2098

Ion	Ratio	Lower	Upper
149	100		
167	7.4	20.7	31.1#
279	6.5	3.0	4.4#

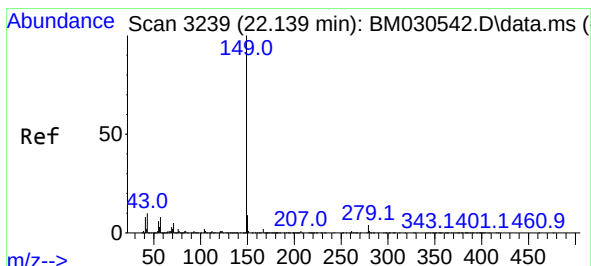
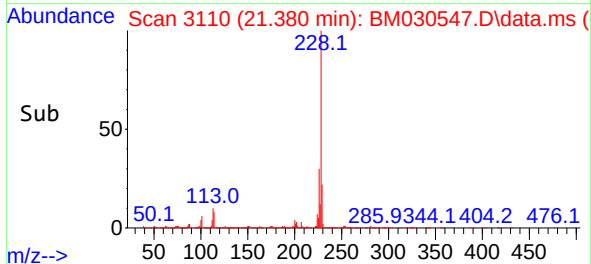
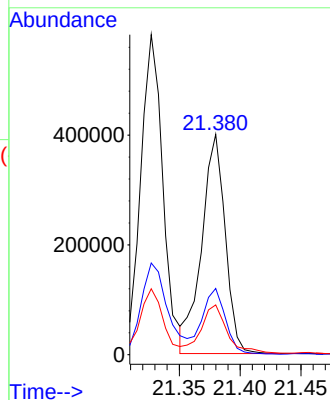
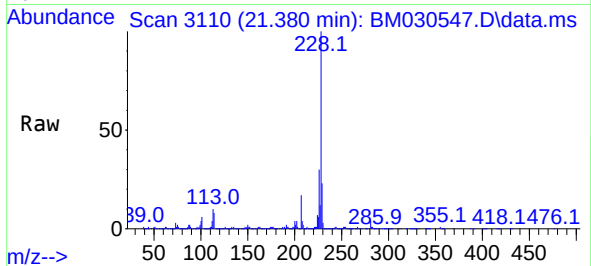




#87
Chrysene
Concen: 22299.075 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

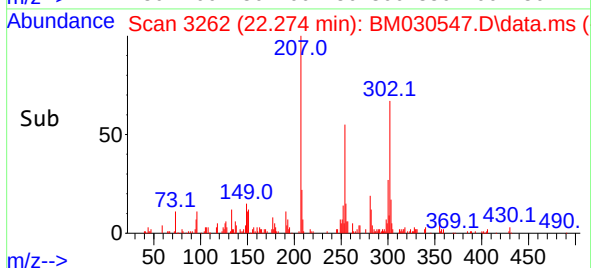
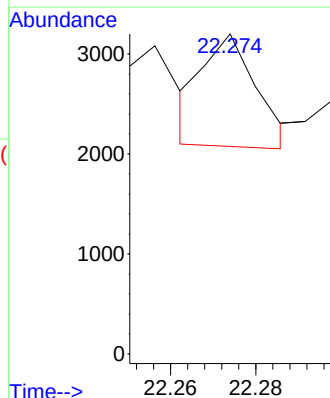
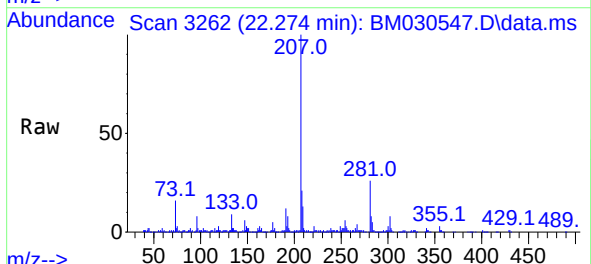
Instrument :
BNA_M
ClientSampled :
BGDF5DL

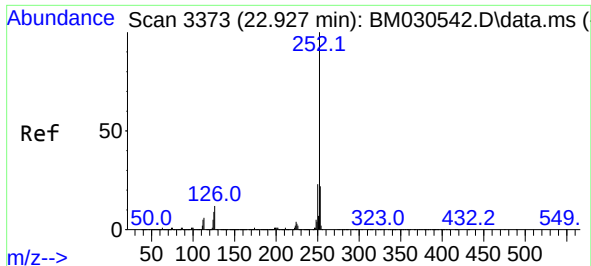
Tgt	Ion:228	Resp:	536928
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	22.6	15.9	23.9



#89
Di-n-octyl phthalate
Concen: 58.164 ng/u1
RT: 22.274 min Scan# 3262
Delta R.T. 0.124 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:149 Resp: 977

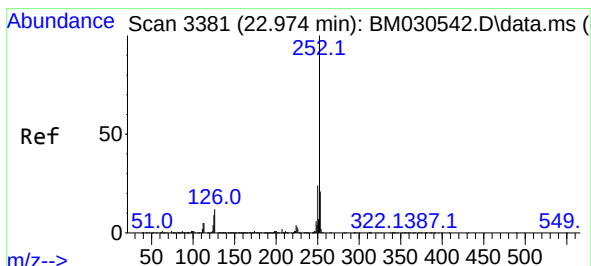
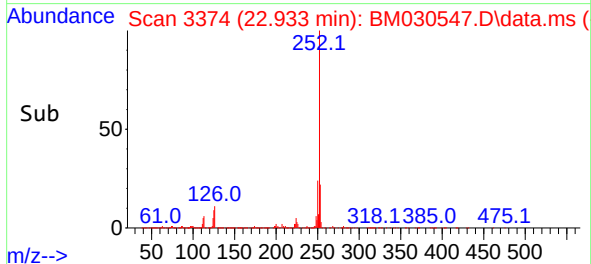
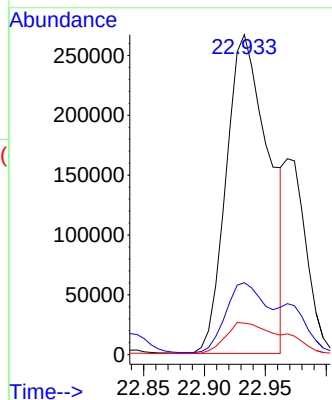
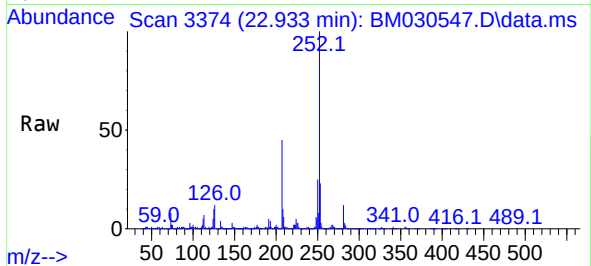




#90
Benzo(b)fluoranthene
Concen: 34974.253 ng/u1
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

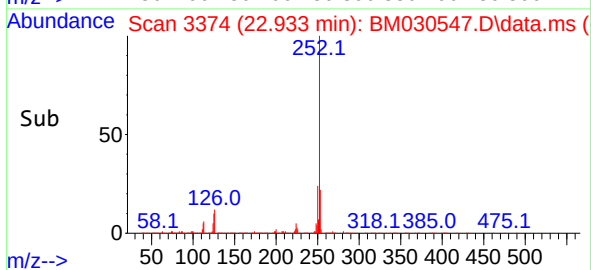
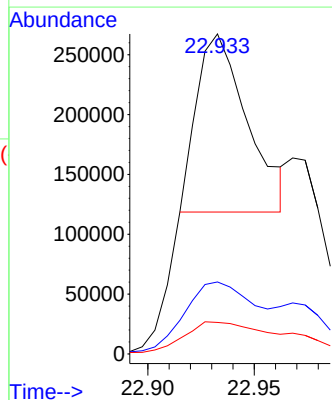
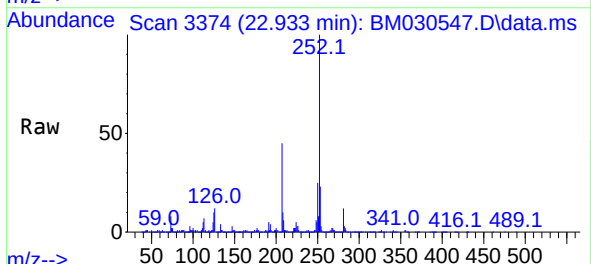
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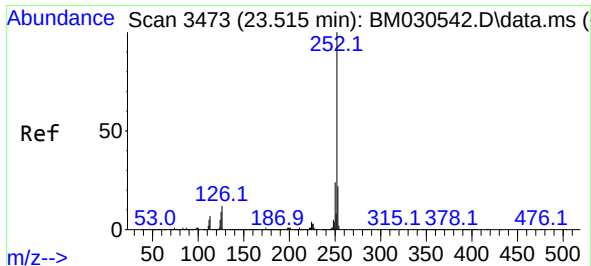
Tgt Ion:252 Resp: 648372
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.9 7.7 11.5



#91
Benzo(k)fluoranthene
Concen: 13823.343 ng/u1
RT: 22.933 min Scan# 3374
Delta R.T. -0.053 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:252 Resp: 246279
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.9 7.9 11.9

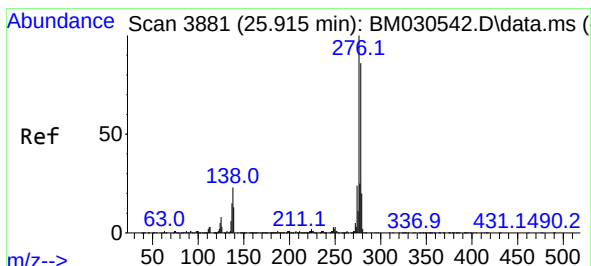
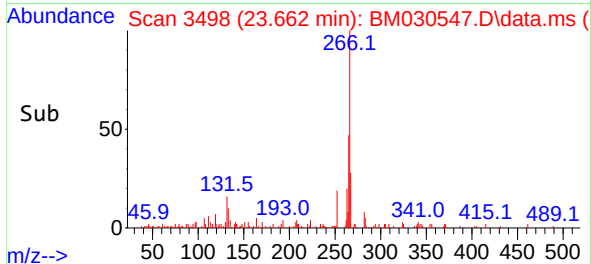
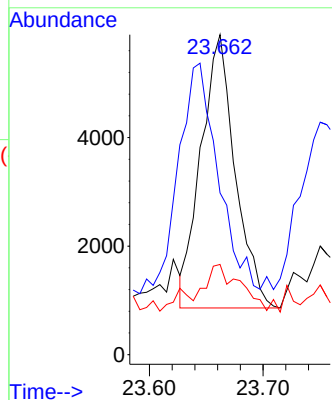
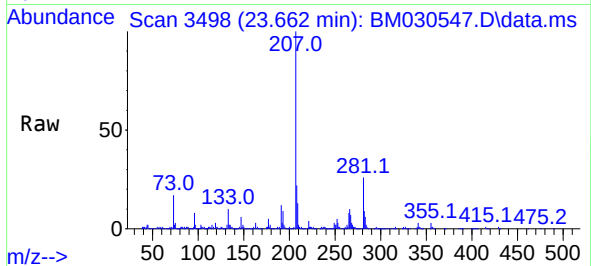




#93
Benzo(a)pyrene
Concen: 633.141 ng/ul
RT: 23.662 min Scan# 3498
Delta R.T. 0.135 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

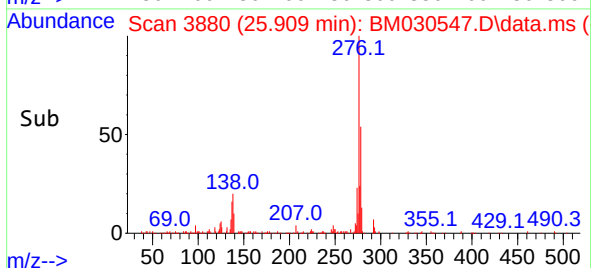
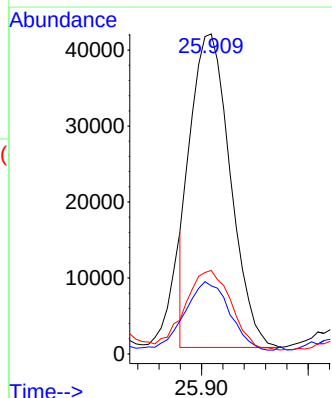
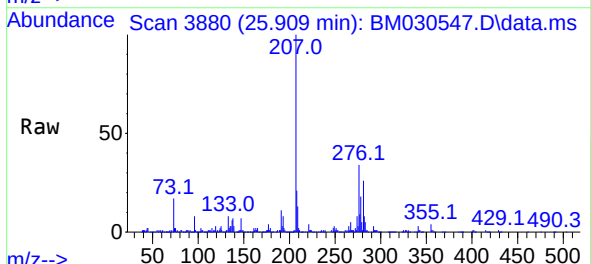
Instrument :
BNA_M
ClientSampleId :
BGDF5DL

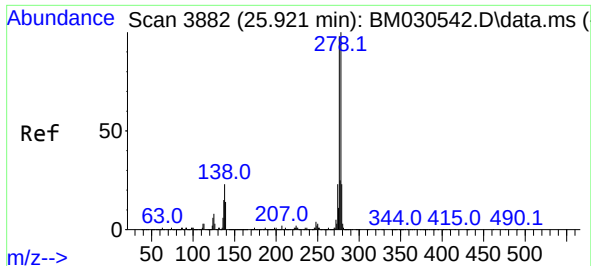
Tgt Ion:252 Resp: 10554
Ion Ratio Lower Upper
252 100
253 50.5 17.5 26.3#
125 28.2 8.6 13.0#



#94
Indeno(1,2,3-cd)pyrene
Concen: 5097.138 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:276 Resp: 106964
Ion Ratio Lower Upper
276 100
138 21.3 19.5 29.3
277 26.1 19.6 29.4

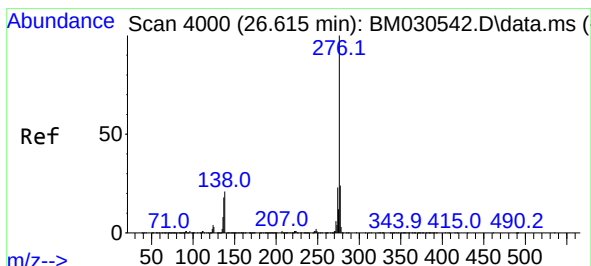
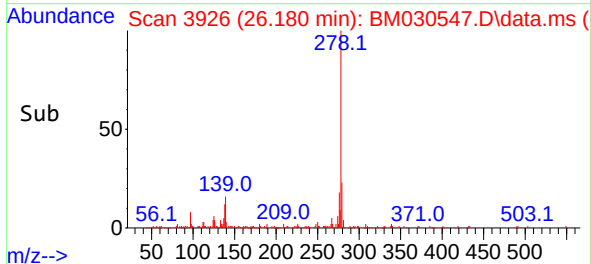
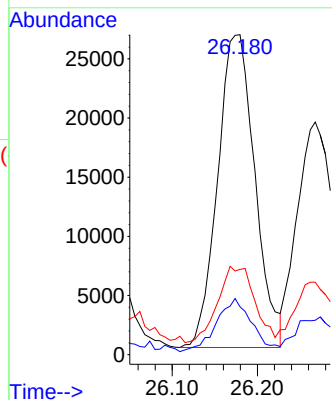
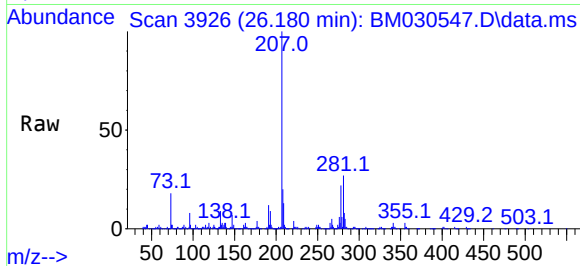




#95
Dibenzo(a,h)anthracene
Concen: 4620.667 ng/ul
RT: 26.180 min Scan# 3926
Delta R.T. 0.241 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Instrument :
BNA_M
ClientSampled :
BGDF5DL

Tgt Ion:	278	Resp:	80383
Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.8	19.2
279	26.6	19.1	28.7



#96
Benzo(g,h,i)perylene
Concen: 41.123 ng/ul
RT: 26.791 min Scan# 4030
Delta R.T. 0.153 min
Lab File: BM030547.D
Acq: 23 Jun 2021 11:06

Tgt Ion:	276	Resp:	720
Ion	Ratio	Lower	Upper
276	100		
138	76.0	16.5	24.7#
277	92.3	18.5	27.7#

