

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030522.D
 Acq On : 22 Jun 2021 19:18
 Operator : CG/JU
 Sample : M2662-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE5

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Quant Time: Jun 23 01:31:46 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	7.810	152	146036	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	566802	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	333535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	665393	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	710673	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	788233	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19820	5.502	ng/uL	0.00
4) Pyridine-d5	3.705	84	181199	18.722	ng/u1	0.00
7) Phenol-d5	6.975	99	356159	28.278	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	240303	30.355	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	295702	30.416	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	274927	28.050	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	139061	32.878	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	150851	32.094	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	272459	30.259	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	272331	21.688	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	838207	36.396	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1013277	33.896	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	94378	21.632	ng/u1	0.00
60) Fluorene-d10	15.434	176	751054	36.769	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	109575	25.170	ng/u1	0.00
73) Anthracene-d10	17.275	188	1107441	35.662	ng/u1	0.00
81) Pyrene-d10	19.563	212	683303	18.349	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	407215	9.937	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.163	152	29873	1.077	ng/u1	96
72) Phenanthrene	17.222	178	123699	3.462	ng/u1	99
74) Anthracene	17.310	178	147200	4.029	ng/u1	100
80) Fluoranthene	19.233	202	1029278	22.632	ng/u1	97
82) Pyrene	19.592	202	406567	8.508	ng/u1	99
85) Benzo(a)anthracene	21.333	228	784334	17.784	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.257	149	64351	2.844	ng/u1	99
87) Chrysene	21.380	228	614779	14.299	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	749225	14.971	ng/u1	99
91) Benzo(k)fluoranthene	22.974	252	300178m	6.242	ng/u1	
93) Benzo(a)pyrene	23.515	252	144637	3.214	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	25.915	276	136861	2.416	ng/u1	96
95) Dibenzo(a,h)anthracene	25.915	278	99913	2.128	ng/u1#	90

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

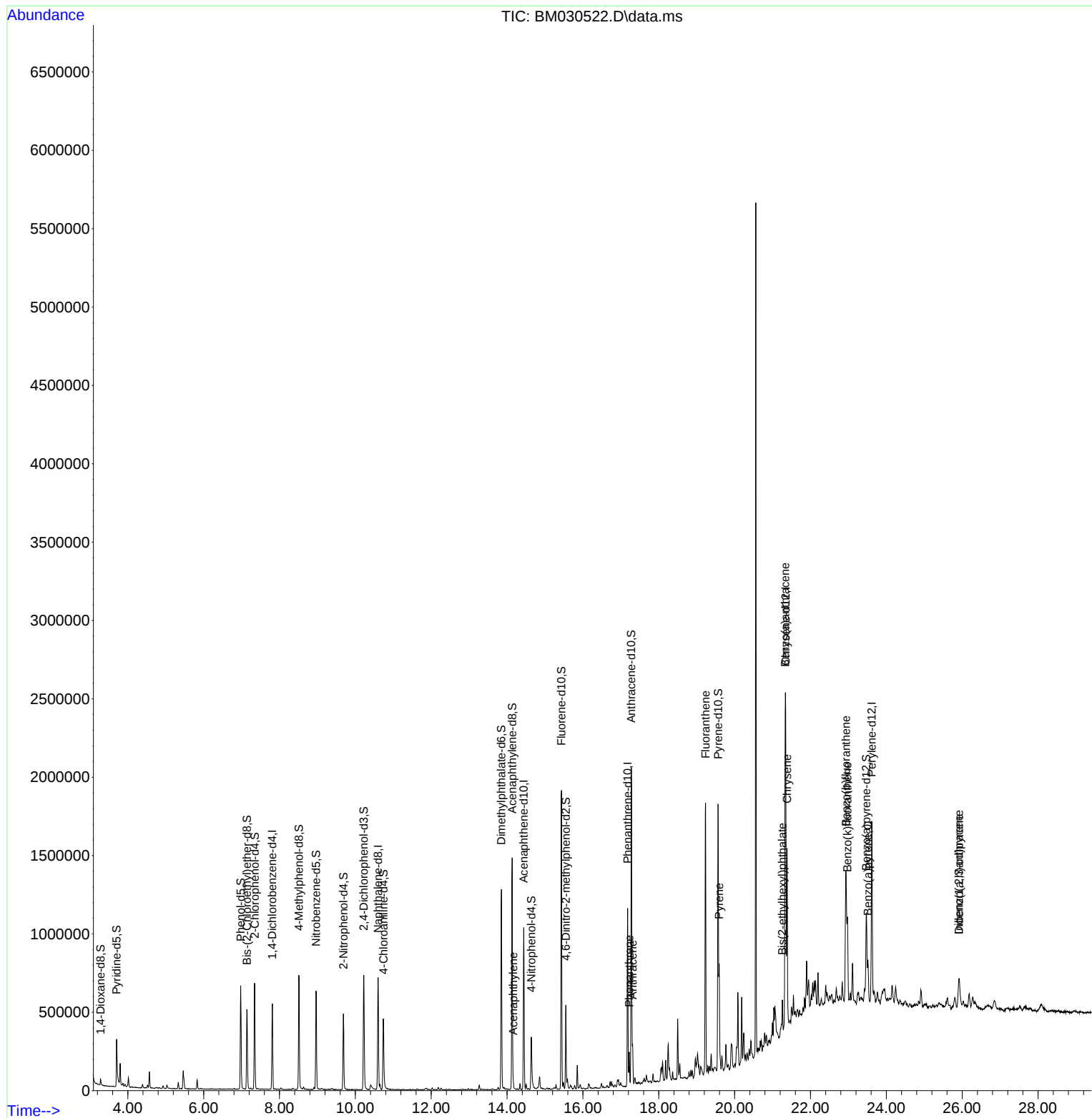
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Data File : BM030522.D
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Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

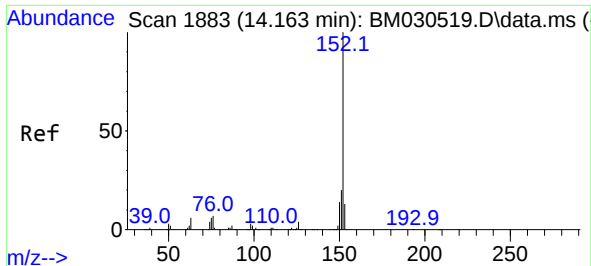
Instrument :
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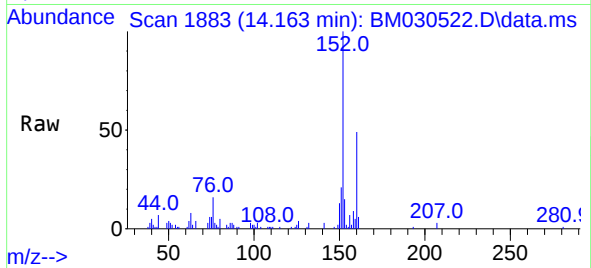
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Quant Time: Jun 23 01:31:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
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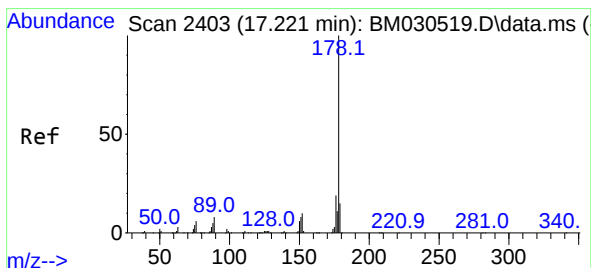
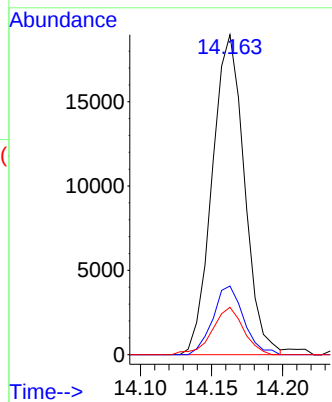
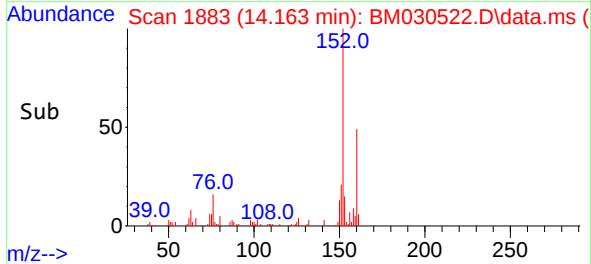




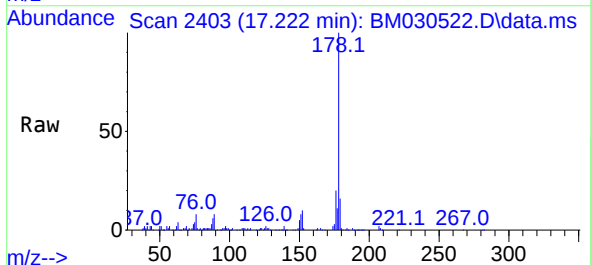
#50
Acenaphthylene
Concen: 1.077 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18



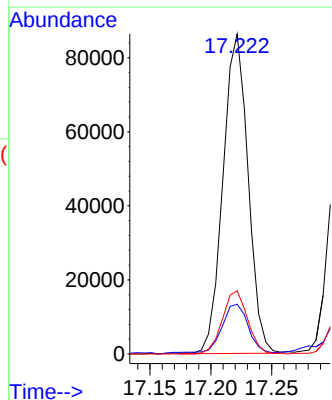
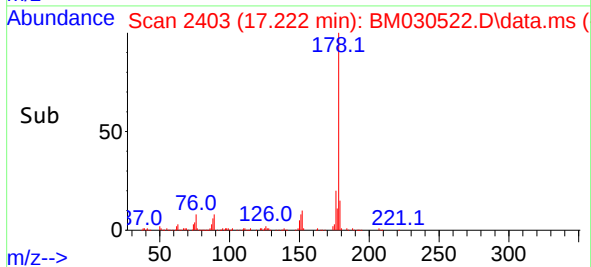
Tgt Ion:152 Resp: 29873
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 14.8 10.2 15.4



#72
Phenanthrene
Concen: 3.462 ng/ul
RT: 17.222 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18



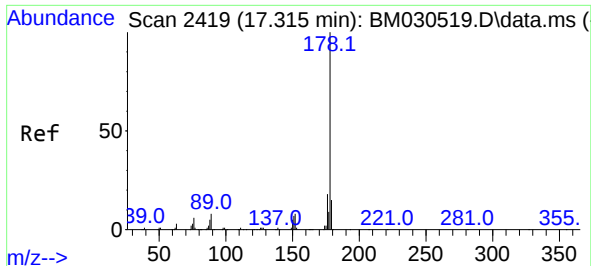
Tgt Ion:178 Resp: 123699
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.8 15.2 22.8



Instrument :
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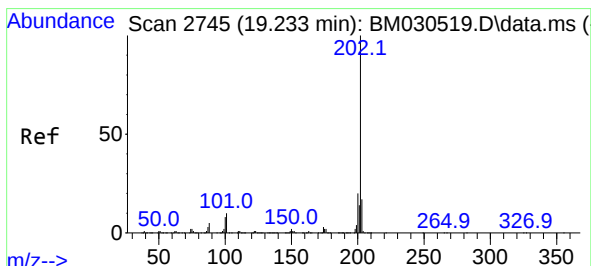
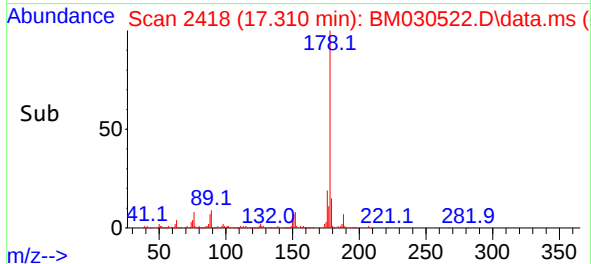
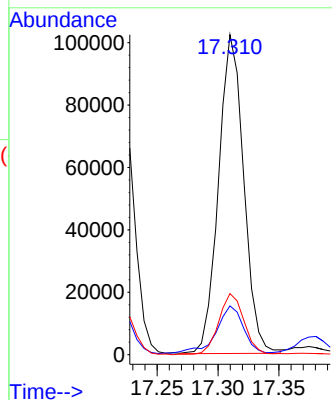
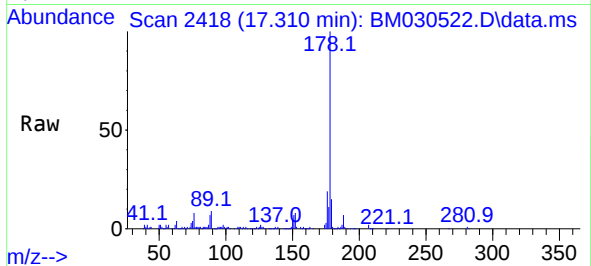
#74
 Anthracene
 Concen: 4.029 ng/ul
 RT: 17.310 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM030522.D
 Acq: 22 Jun 2021 19:18

Tgt Ion:178 Resp: 147200
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 19.1 15.2 22.8

Instrument :
 BNA_M
 ClientSampled :
 BGDE5

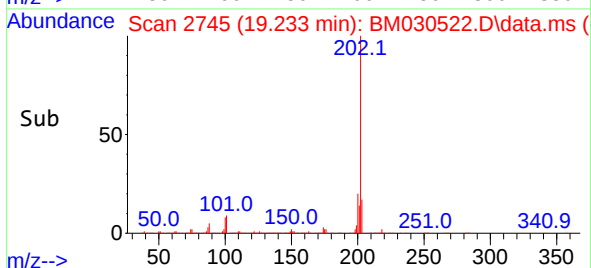
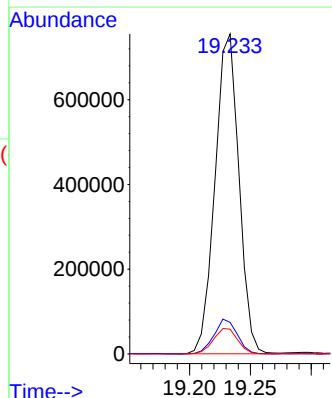
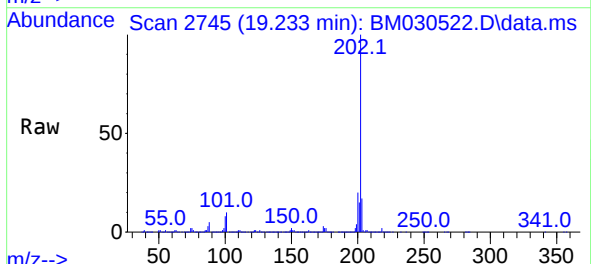
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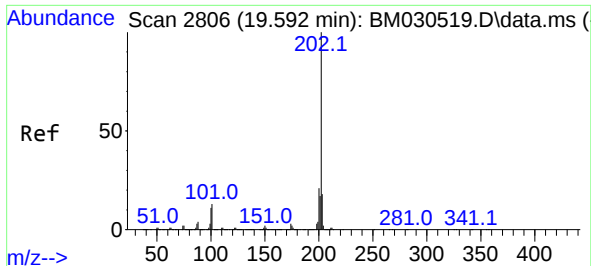
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#80
 Fluoranthene
 Concen: 22.632 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BM030522.D
 Acq: 22 Jun 2021 19:18

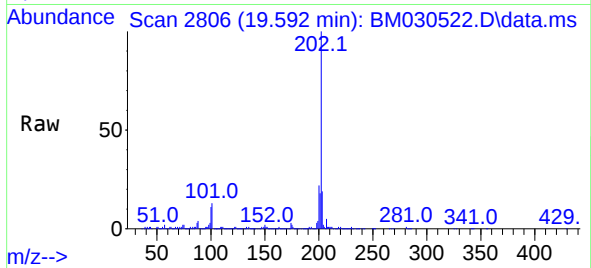
Tgt Ion:202 Resp: 1029278
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.8 13.2
 100 7.7 6.8 10.2





#82
Pyrene
Concen: 8.508 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

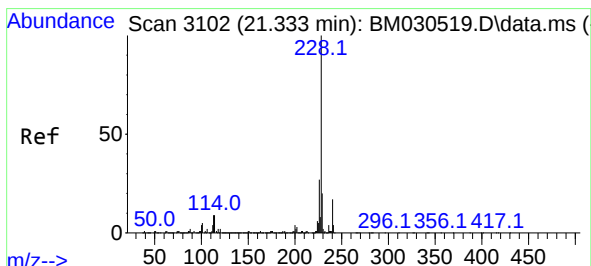
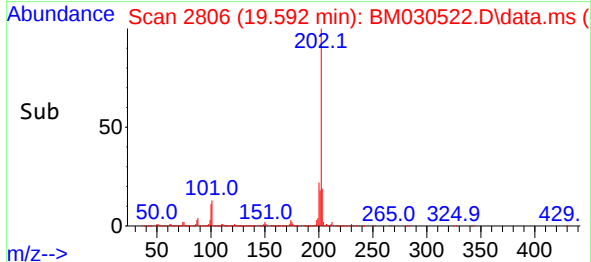
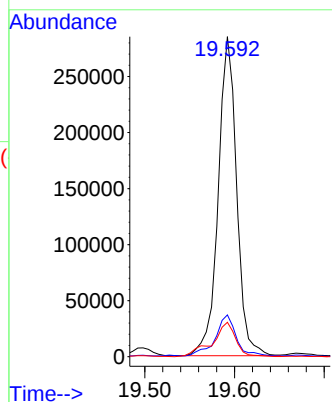
Instrument :
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ClientSampled :
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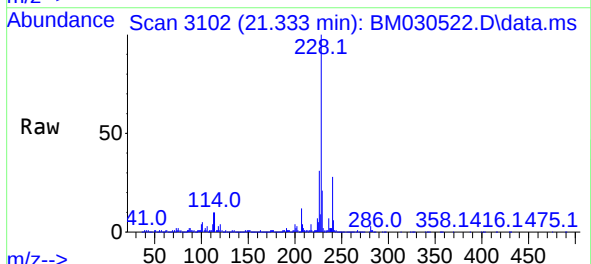
Tgt Ion:202 Resp: 406567
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.8 8.5 12.7

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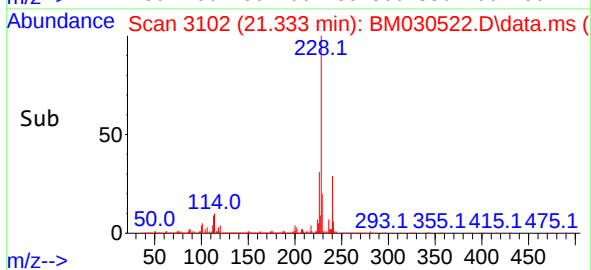
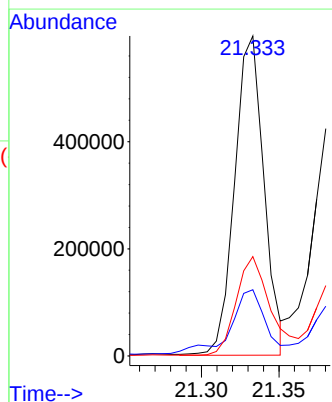
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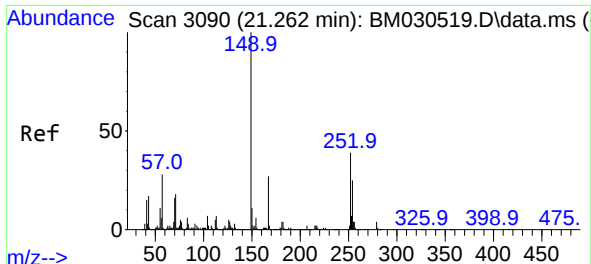


#85
Benzo(a)anthracene
Concen: 17.784 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18



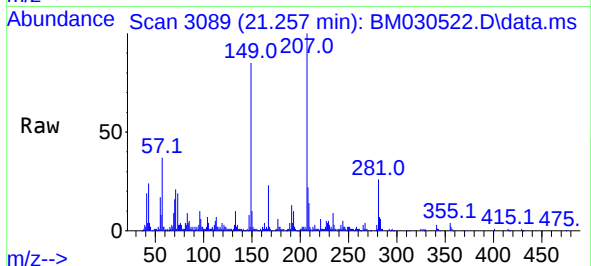
Tgt Ion:228 Resp: 784334
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 31.0 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.844 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

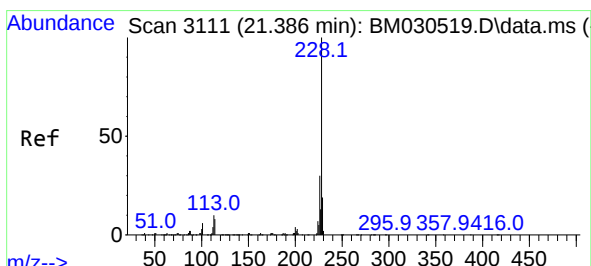
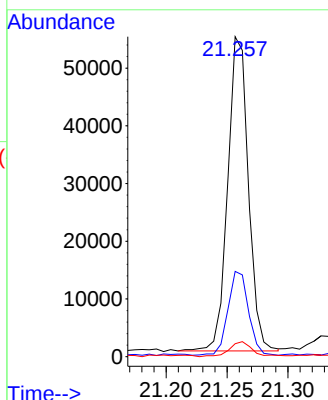
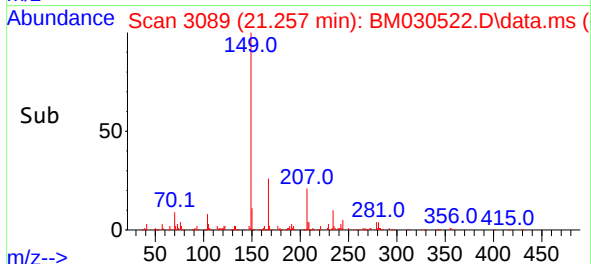
Instrument :
BNA_M
ClientSampled :
BGDE5



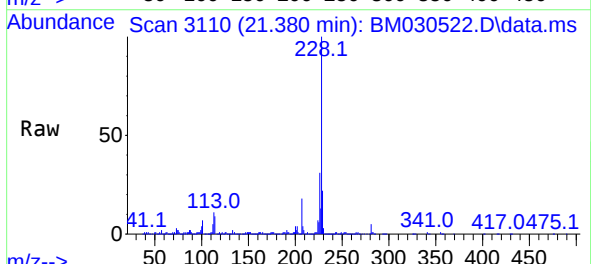
Tgt Ion:149 Resp: 64351
Ion Ratio Lower Upper
149 100
167 26.6 20.7 31.1
279 4.0 3.0 4.4

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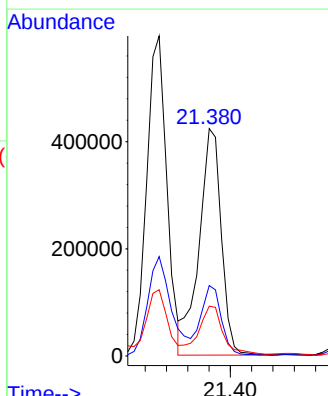
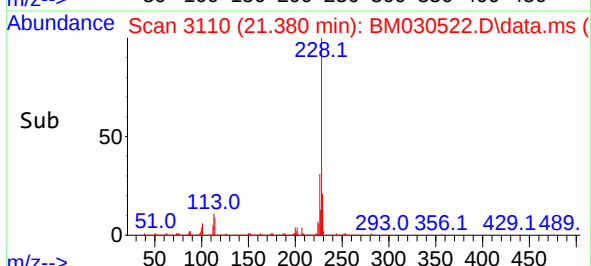
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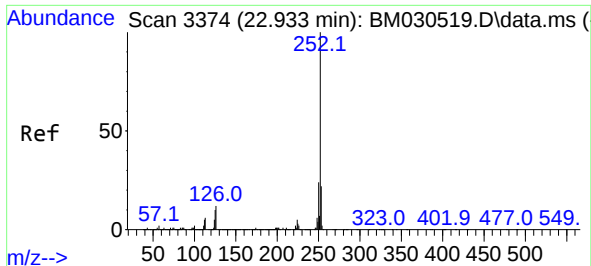


#87
Chrysene
Concen: 14.299 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18



Tgt Ion:228 Resp: 614779
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.9 15.9 23.9





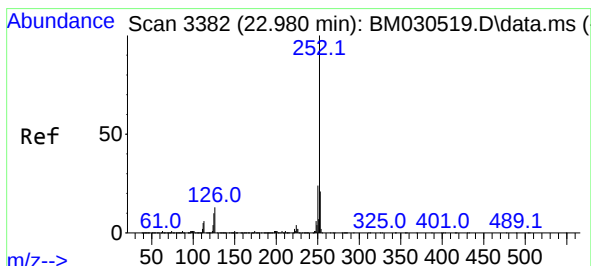
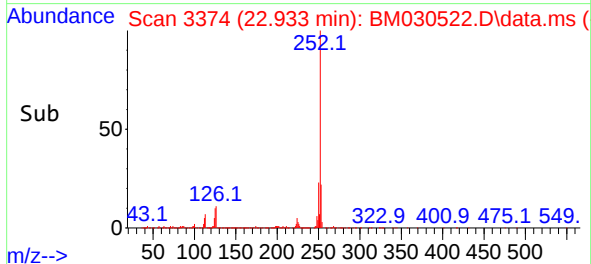
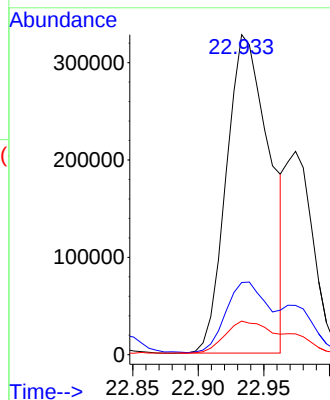
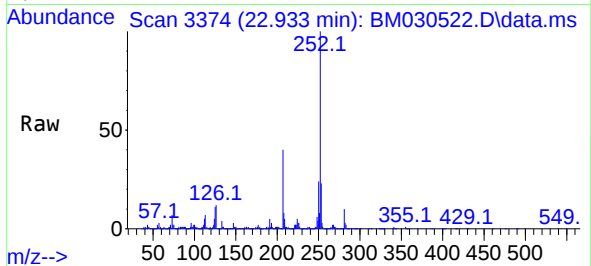
#90
Benzo(b)fluoranthene
Concen: 14.971 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

Tgt Ion:252 Resp: 749225
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.5 7.7 11.5

Instrument :
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ClientSampled :
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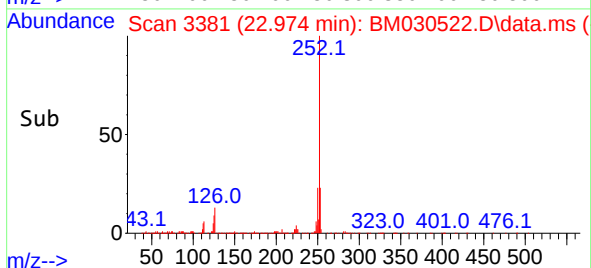
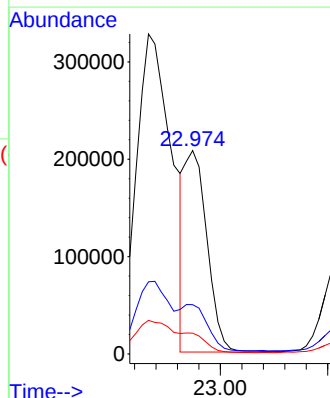
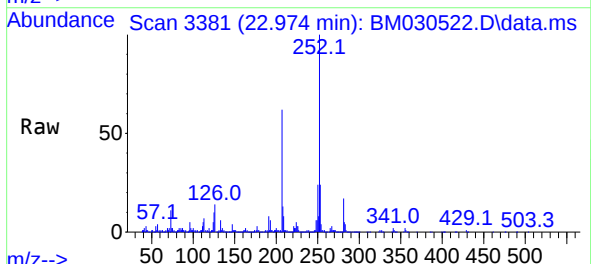
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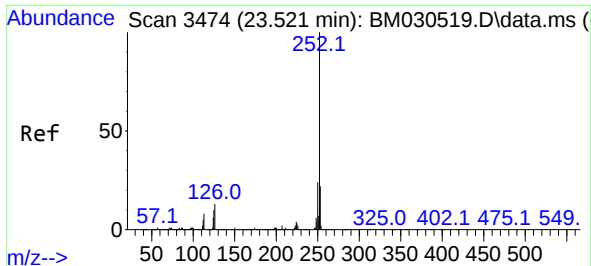
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#91
Benzo(k)fluoranthene
Concen: 6.242 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.011 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

Tgt Ion:252 Resp: 300178
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 10.3 7.9 11.9





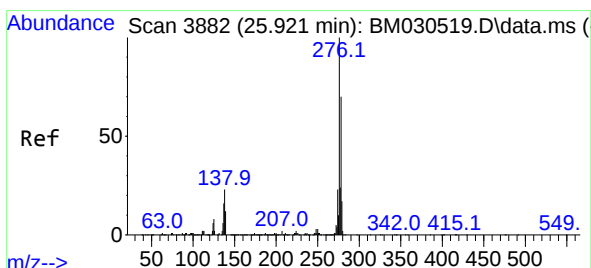
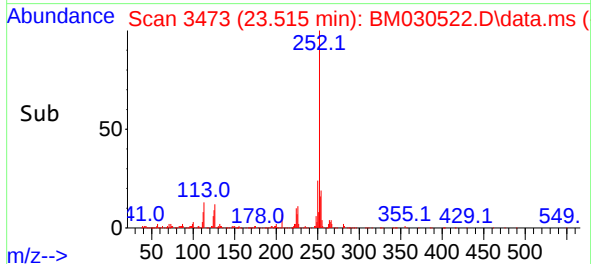
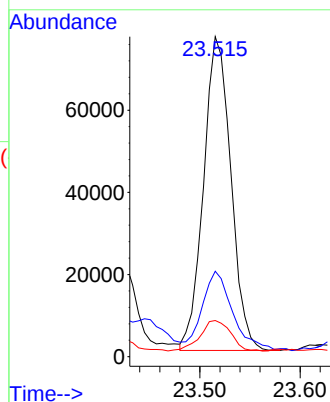
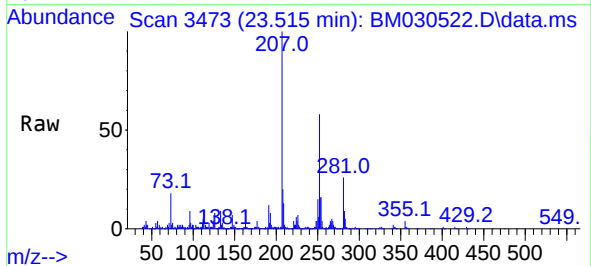
#93
Benzo(a)pyrene
Concen: 3.214 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.011 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

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BNA_M
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BGDE5

Tgt Ion:252 Resp: 144637
Ion Ratio Lower Upper
252 100
253 26.7 17.5 26.3#
125 11.3 8.6 13.0

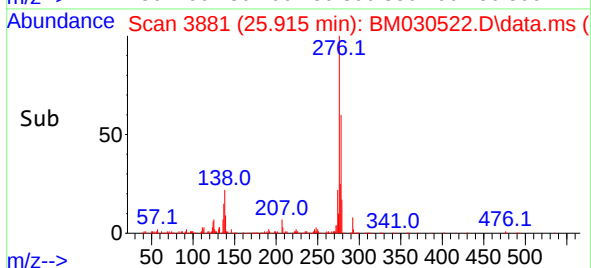
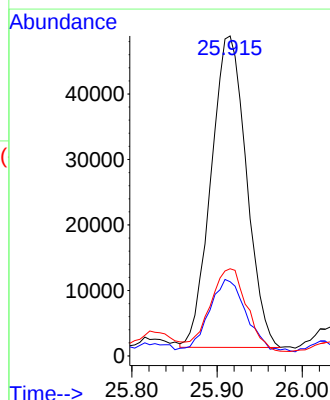
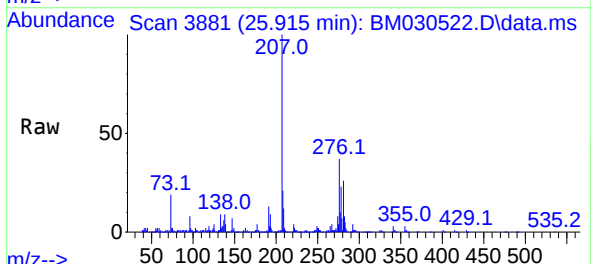
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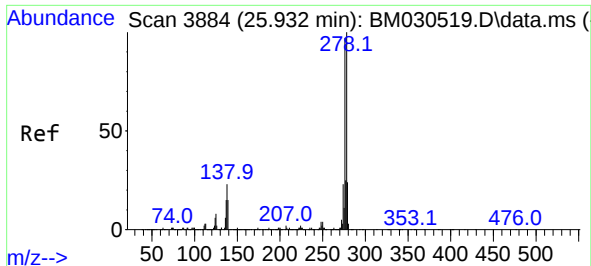
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.416 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.017 min
Lab File: BM030522.D
Acq: 22 Jun 2021 19:18

Tgt Ion:276 Resp: 136861
Ion Ratio Lower Upper
276 100
138 23.2 19.5 29.3
277 27.3 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.128 ng/ul
 RT: 25.915 min Scan# 3881
 Delta R.T. -0.023 min
 Lab File: BM030522.D
 Acq: 22 Jun 2021 19:18

Tgt Ion:278 Resp: 99913
 Ion Ratio Lower Upper
 278 100
 139 16.5 12.8 19.2
 279 31.8 19.1 28.7#

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