

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030546.D
 Acq On : 23 Jun 2021 10:30
 Operator : CG/JU
 Sample : M2662-046DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL

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Quant Time: Jun 23 11:01:29 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	7.804	152	202815	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	879353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	590560	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1229844	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1039089	20.000	ng/u1	0.00
88) Perylene-d12	23.609	264	934759	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	2517	0.503	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.975	99	41486	2.372	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	28018	2.548	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	34427	2.550	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	34697	2.549	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	15777	2.404	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	16323	2.238	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	33171	2.375	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	23091	1.185	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	122538	3.005	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	140124	2.647	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	4950	0.641	ng/u1	0.02
60) Fluorene-d10	15.427	176	113120	3.128	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	5630	0.700	ng/u1	0.00
73) Anthracene-d10	17.268	188	182344	3.177	ng/u1	-0.01
81) Pyrene-d10	19.556	212	207504	3.811	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.462	264	151112	3.109	ng/u1	-0.02
Target Compounds					Qvalue	
52) Acenaphthene	14.498	153	44339	1.244	ng/u1	98
72) Phenanthrene	17.215	178	714486	10.818	ng/u1	100
74) Anthracene	17.304	178	371666	5.504	ng/u1	99
80) Fluoranthene	19.227	202	1468743	22.088	ng/u1	98
82) Pyrene	19.586	202	1147614	16.425	ng/u1	99
85) Benzo(a)anthracene	21.327	228	701911	10.885	ng/u1	95
87) Chrysene	21.380	228	542357	8.628	ng/u1	97
90) Benzo(b)fluoranthene	22.927	252	591039	9.959	ng/u1	99
91) Benzo(k)fluoranthene	22.968	252	168654m	2.957	ng/u1	
93) Benzo(a)pyrene	23.515	252	433944	8.132	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.903	276	229560	3.417	ng/u1#	94
95) Dibenzo(a,h)anthracene	25.909	278	63076	1.133	ng/u1#	78
96) Benzo(g,h,i)perylene	26.609	276	180944	3.228	ng/u1	97

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

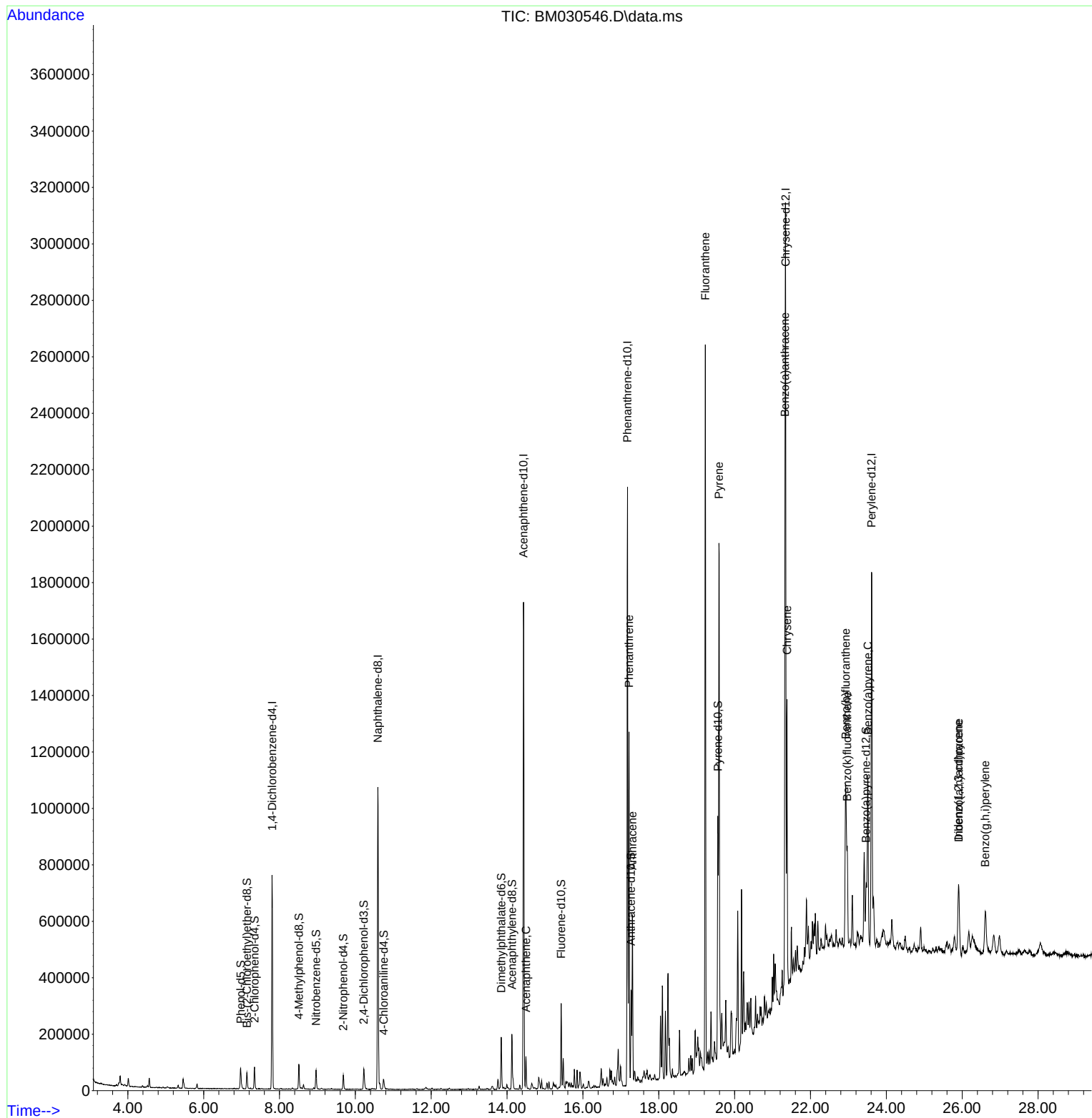
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Data File : BM030546.D
Acq On : 23 Jun 2021 10:30
Operator : CG/JU
Sample : M2662-046DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

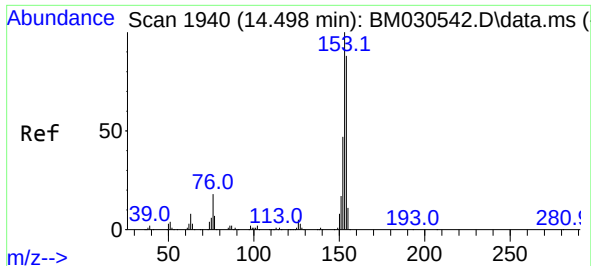
Instrument :
BNA_M
ClientSampleId :
BGDH3DL

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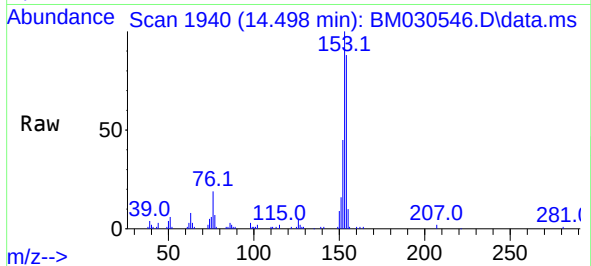
Quant Time: Jun 23 11:01:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.244 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

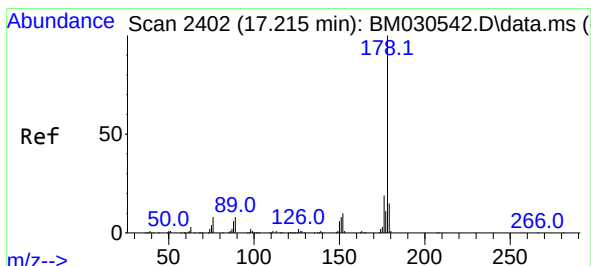
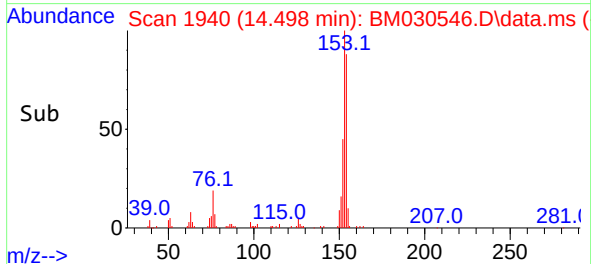
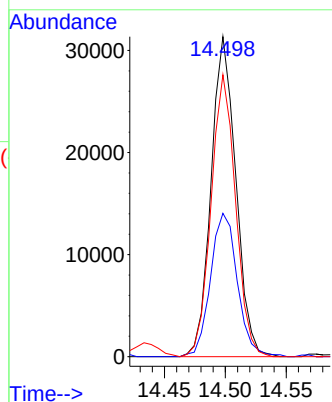
Instrument :
BNA_M
ClientSampled :
BGDH3DL



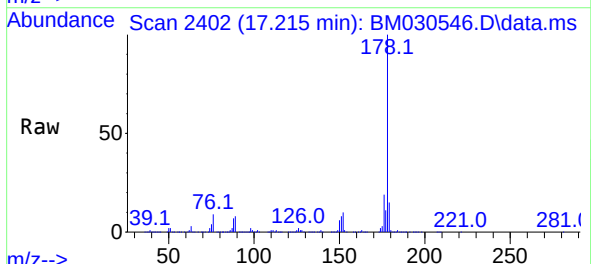
Tgt Ion:153 Resp: 44339
Ion Ratio Lower Upper
153 100
152 44.8 37.4 56.2
154 88.1 69.4 104.0

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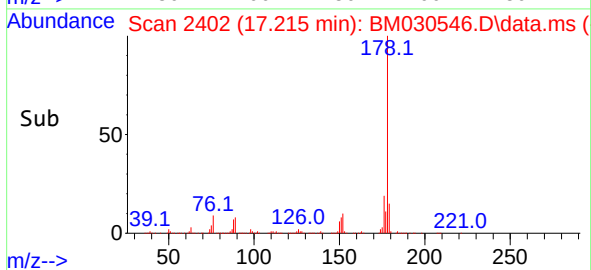
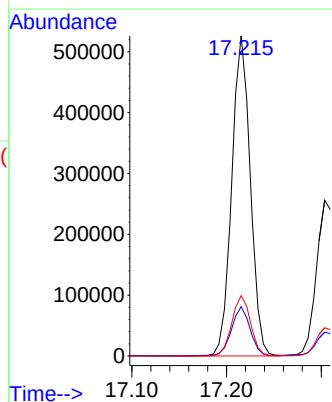
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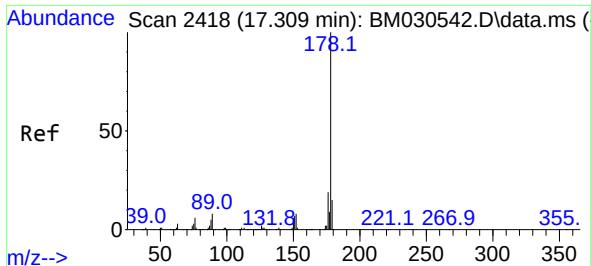


#72
Phenanthrene
Concen: 10.818 ng/ul
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

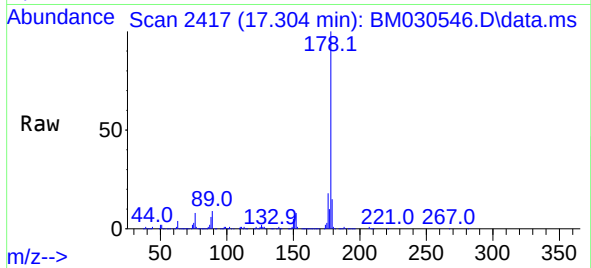


Tgt Ion:178 Resp: 714486
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.9 15.2 22.8





#74
 Anthracene
 Concen: 5.504 ng/uI
 RT: 17.304 min Scan# 2417
 Delta R.T. -0.012 min
 Lab File: BM030546.D
 Acq: 23 Jun 2021 10:30

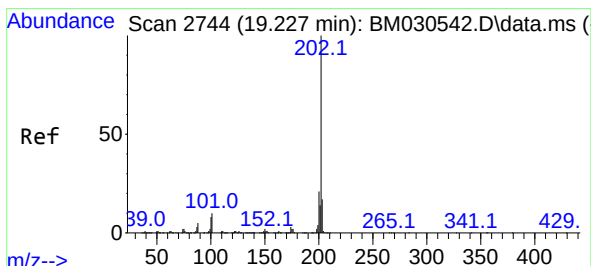
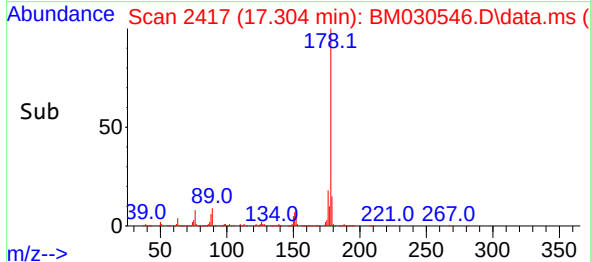
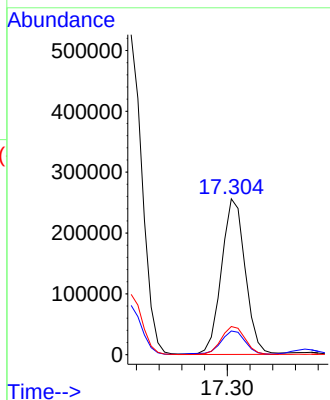


Tgt Ion:178 Resp: 371666
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.1 18.1
 176 18.0 15.2 22.8

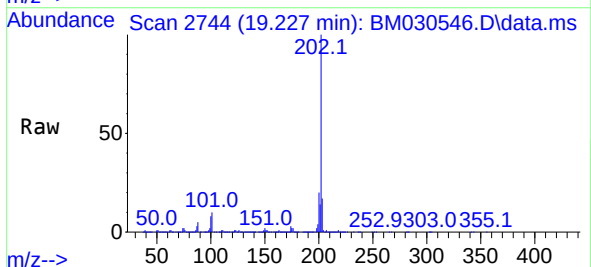
Instrument :
 BNA_M
 ClientSampleId :
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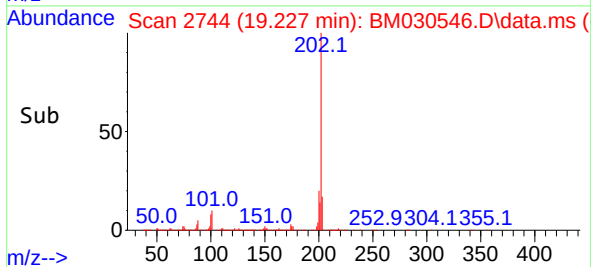
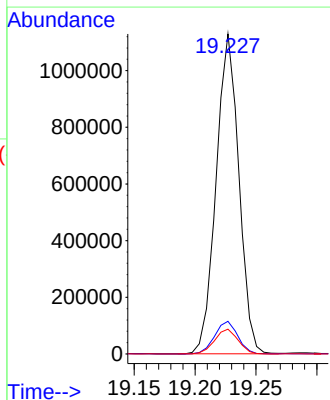
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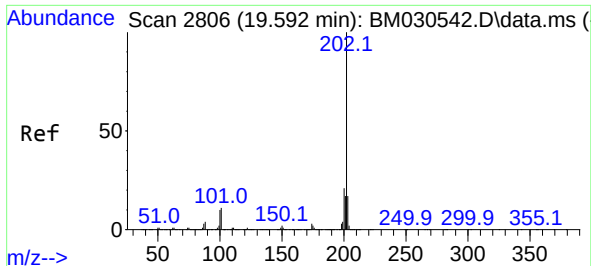


#80
 Fluoranthene
 Concen: 22.088 ng/uI
 RT: 19.227 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BM030546.D
 Acq: 23 Jun 2021 10:30



Tgt Ion:202 Resp: 1468743
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.8 13.2
 100 7.7 6.8 10.2





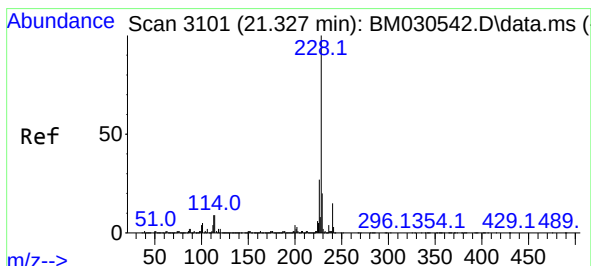
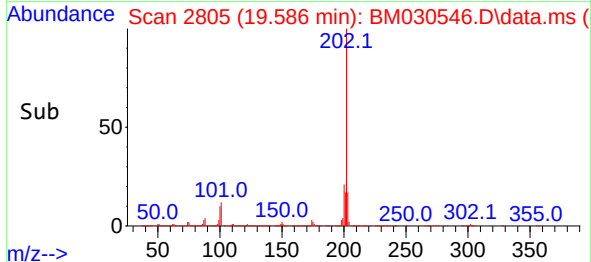
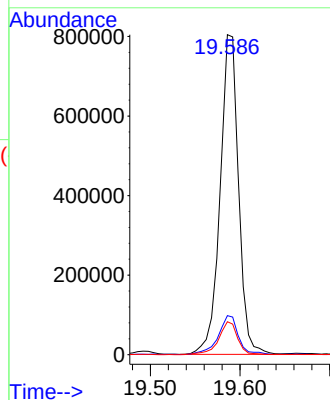
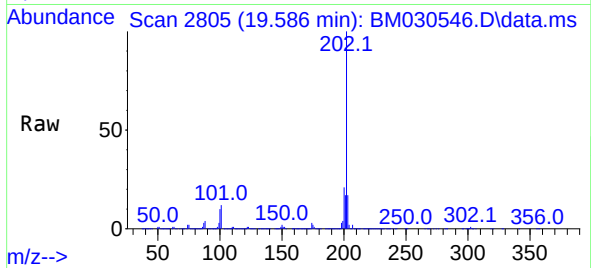
#82
Pyrene
Concen: 16.425 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

Tgt Ion:202 Resp: 1147614
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 10.3 8.5 12.7

Instrument :
BNA_M
ClientSampleId :
BGDH3DL

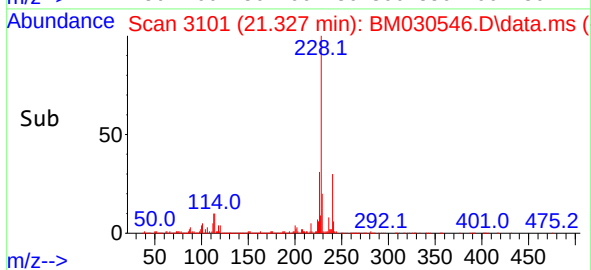
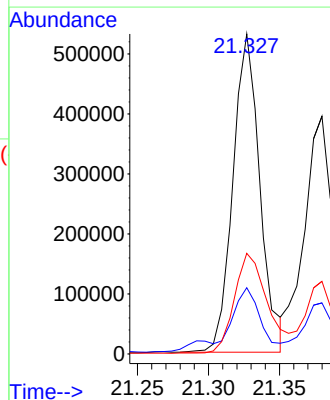
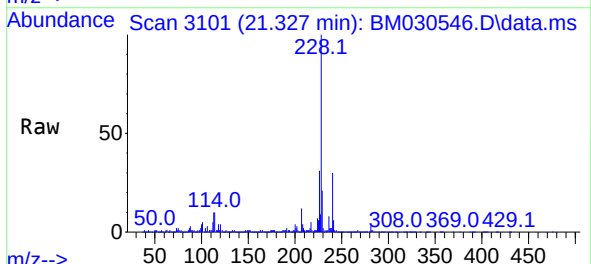
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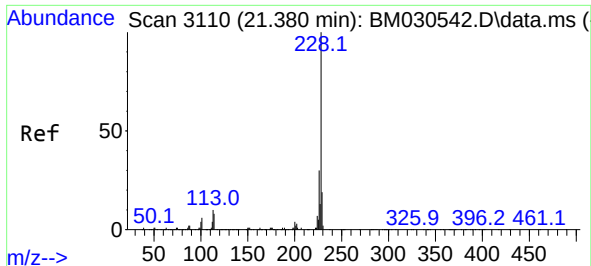
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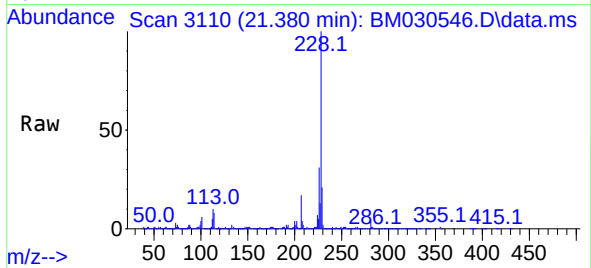
#85
Benzo(a)anthracene
Concen: 10.885 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

Tgt Ion:228 Resp: 701911
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 31.4 22.2 33.2

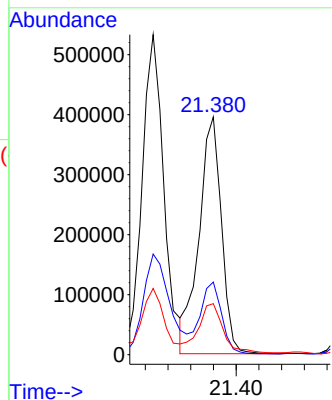




#87
Chrysene
Concen: 8.628 ng/u1
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30



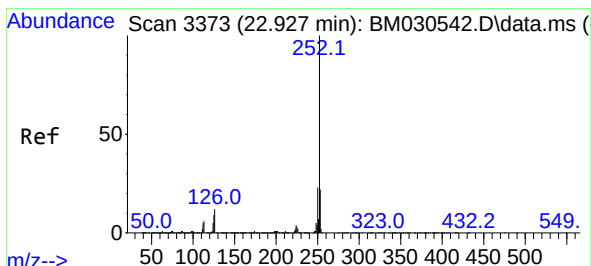
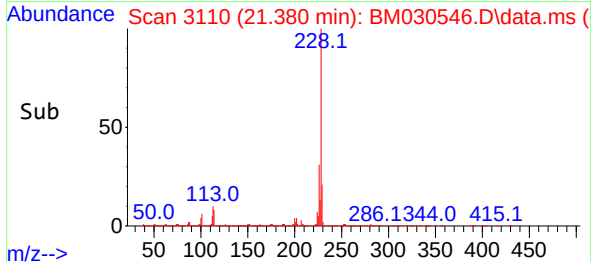
Tgt Ion:228 Resp: 542357
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.5 15.9 23.9



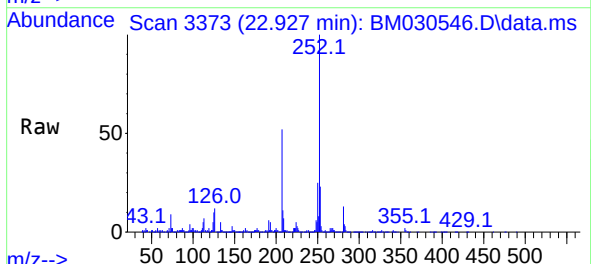
Instrument :
BNA_M
ClientSampleId :
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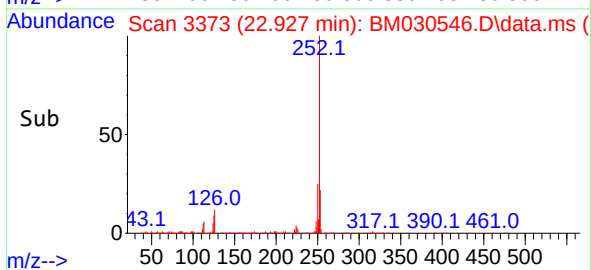
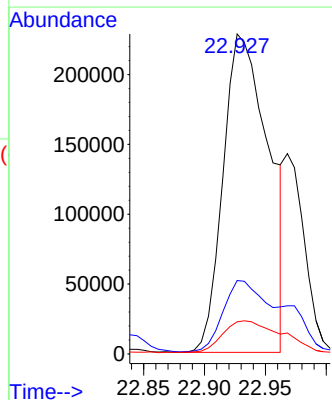
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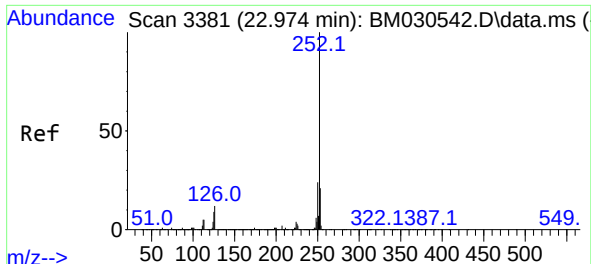


#90
Benzo(b)fluoranthene
Concen: 9.959 ng/u1
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30



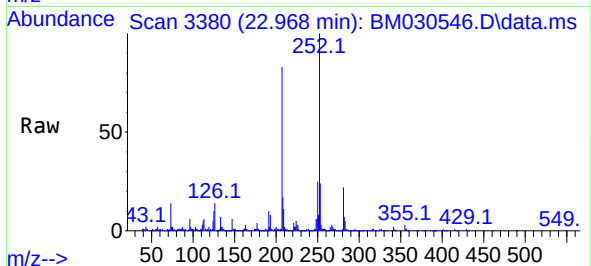
Tgt Ion:252 Resp: 591039
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.0 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 2.957 ng/ul m
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

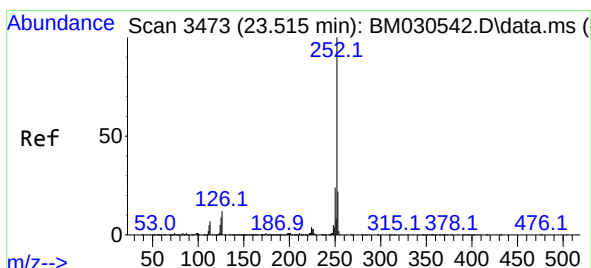
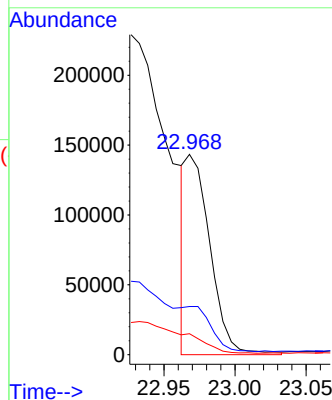
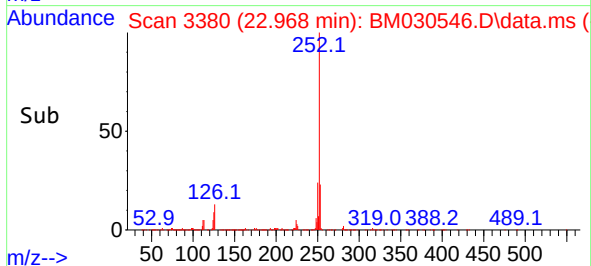
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ClientSampleId :
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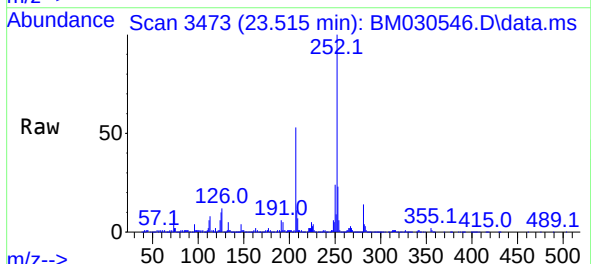
Tgt Ion:252 Resp: 168654
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 10.5 7.9 11.9

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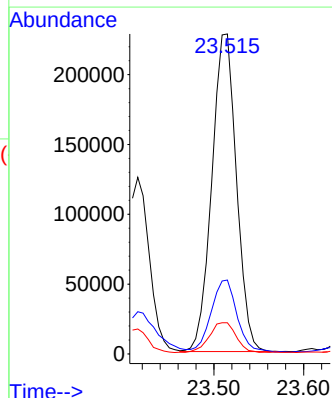
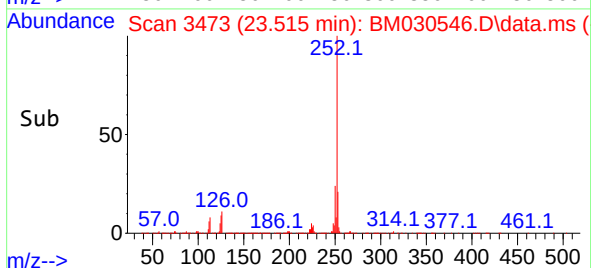
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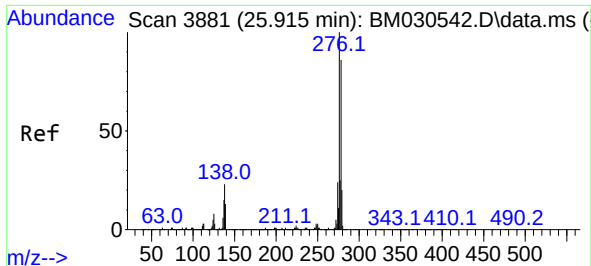


#93
Benzo(a)pyrene
Concen: 8.132 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30



Tgt Ion:252 Resp: 433944
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.8 8.6 13.0





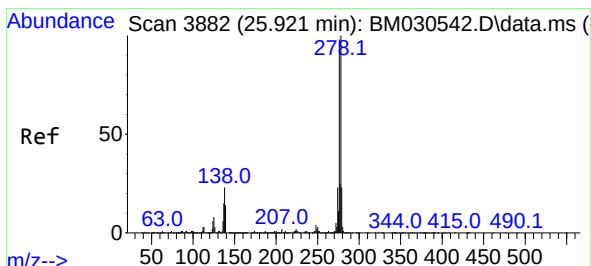
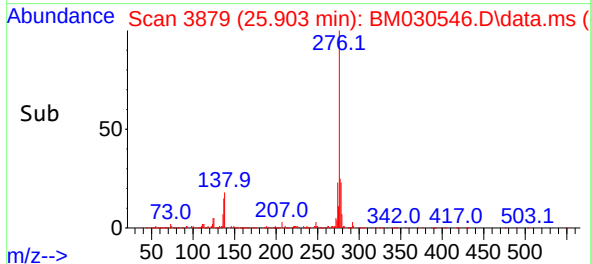
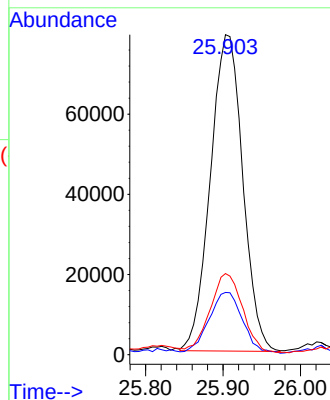
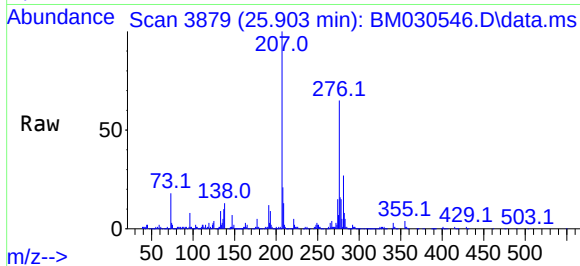
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.417 ng/ul
RT: 25.903 min Scan# 3879
Delta R.T. -0.029 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

Tgt Ion: 276 Resp: 229560
Ion Ratio Lower Upper
276 100
138 19.4 19.5 29.3#
277 25.3 19.6 29.4

Instrument :
BNA_M
ClientSampled :
BGDH3DL

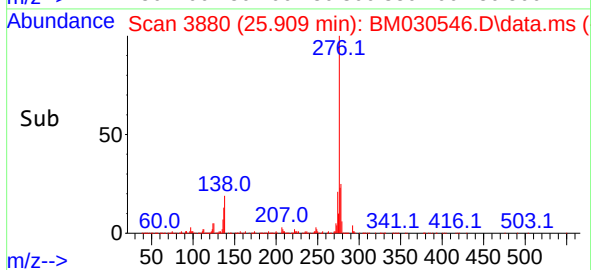
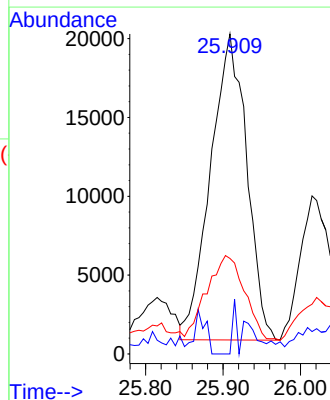
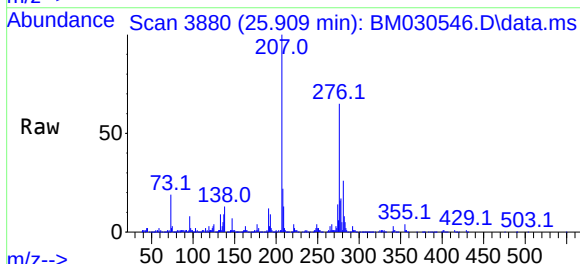
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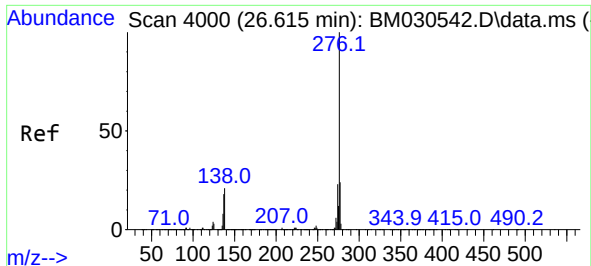
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#95
Dibenzo(a,h)anthracene
Concen: 1.133 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.029 min
Lab File: BM030546.D
Acq: 23 Jun 2021 10:30

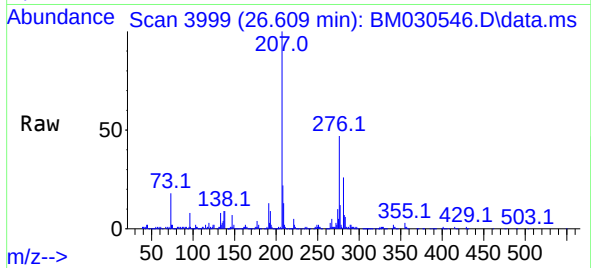
Tgt Ion: 278 Resp: 63076
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 29.9 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 3.228 ng/ul
 RT: 26.609 min Scan# 3999
 Delta R.T. -0.029 min
 Lab File: BM030546.D
 Acq: 23 Jun 2021 10:30

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3DL



Tgt Ion: 276 Resp: 180944

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.5	24.7
277	24.4	18.5	27.7

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