

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
 Data File : BM030491.D
 Acq On : 17 Jun 2021 12:38
 Operator : CG/JU
 Sample : M2596-15DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5R4DL

Quant Time: Jun 17 13:09:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

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

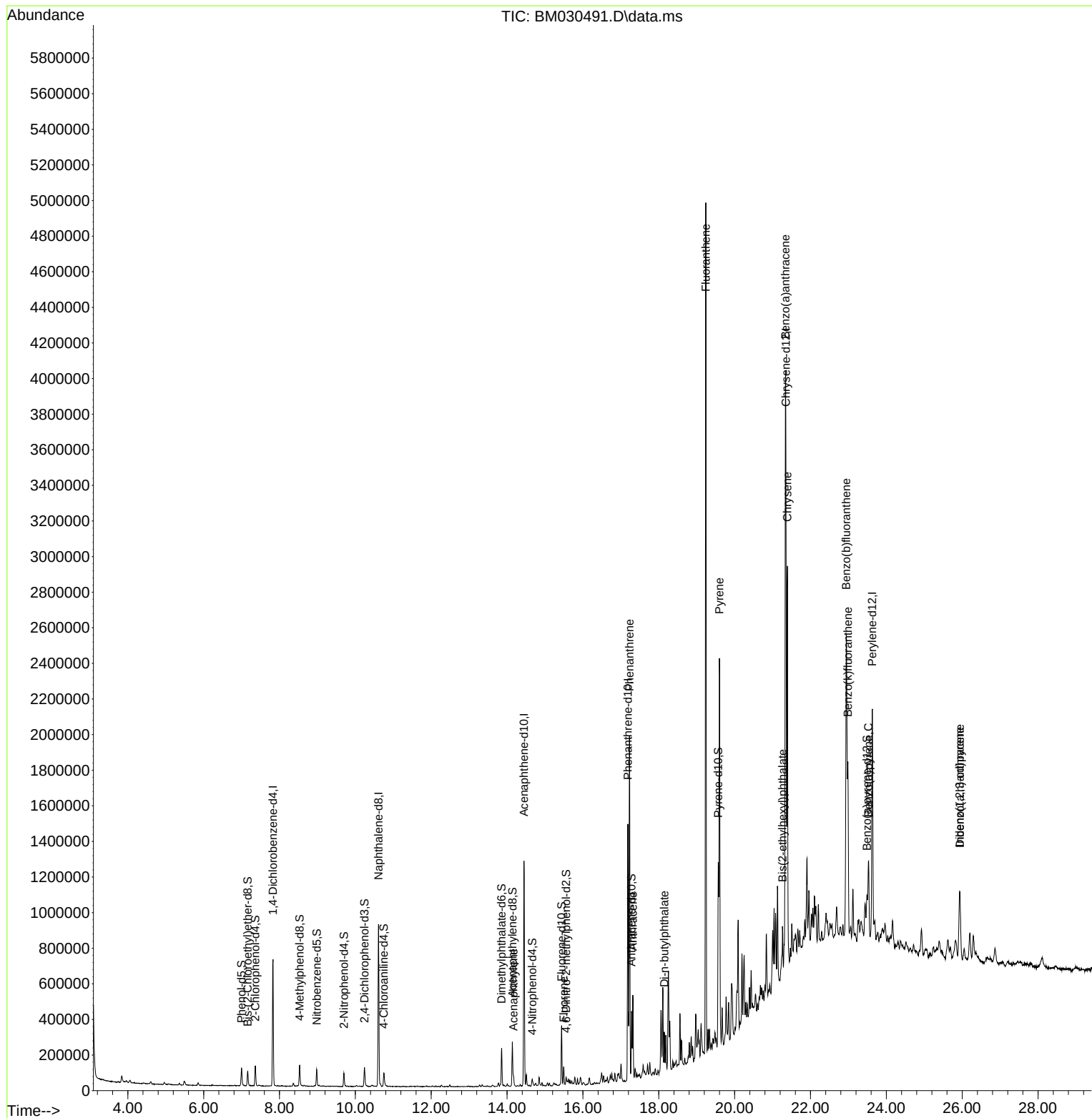
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	205816	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	750509	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	441096	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	872130	20.00	ng/ul	0.00
79) Chrysene-d12	21.351	240	899417	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	947299	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2415	0.45	ng/uL	0.04
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.999	99	60792	3.40	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	41770	3.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	53007	4.10	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	48867	3.42	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	22936	4.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	24424	4.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	45959	4.14	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	47809	2.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	150270	4.96	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	172461	4.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	10741	1.90	ng/ul	0.02
60) Fluorene-d10	15.439	176	134142	4.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	11195	2.22	ng/ul	0.00
73) Anthracene-d10	17.280	188	206137	5.20	ng/ul	0.00
81) Pyrene-d10	19.568	212	180888	3.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	155846	3.30	ng/ul	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.169	152	38232	1.06	ng/ul	97
61) Fluorene	15.492	166	42126	1.34	ng/ul#	97
72) Phenanthrene	17.227	178	1167526	24.76	ng/ul	100
74) Anthracene	17.315	178	308543	6.48	ng/ul	99
78) Di-n-butylphthalate	18.145	149	164588	3.72	ng/ul	99
80) Fluoranthene	19.239	202	2783653	48.12	ng/ul	98
82) Pyrene	19.598	202	1403467	22.94	ng/ul	97
85) Benzo(a)anthracene	21.339	228	1452126	26.72	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.262	149	79398	2.73	ng/ul	97
87) Chrysene	21.392	228	1223378	22.83	ng/ul	98
90) Benzo(b)fluoranthene	22.945	252	1520052	24.96	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	546026	9.39	ng/ul	98
93) Benzo(a)pyrene	23.527	252	312418	5.87	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.933	276	314804	4.81	ng/ul	95
95) Dibenzo(a,h)anthracene	25.938	278	186335	3.38	ng/ul#	94

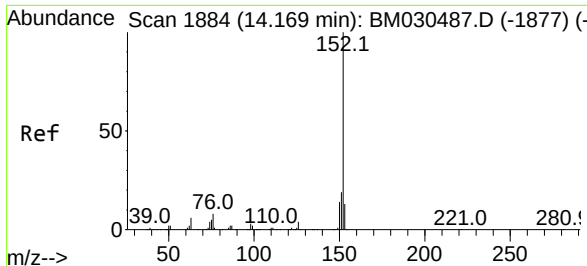
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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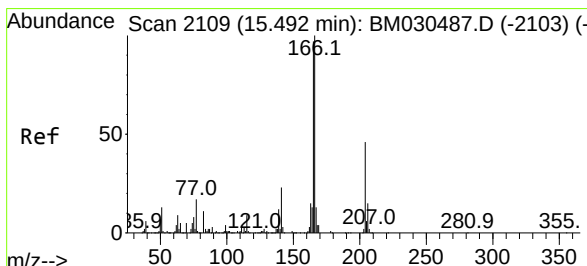
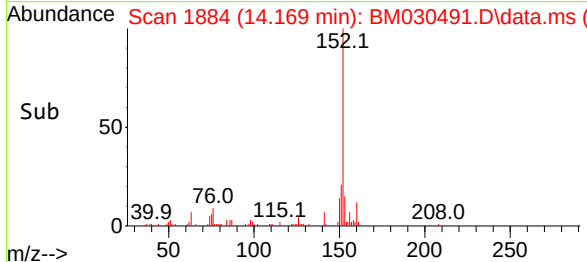
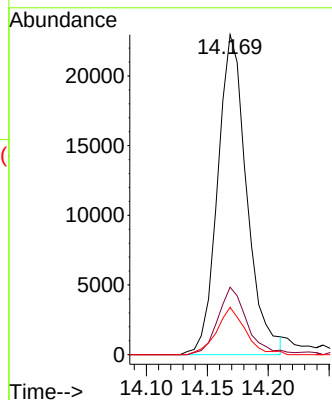
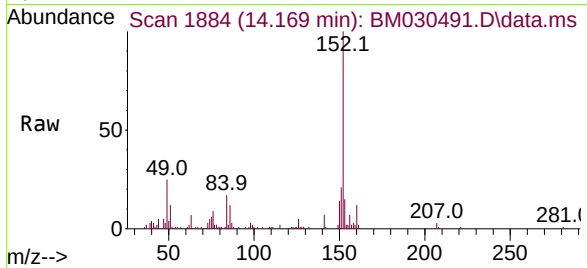




#50
Acenaphthylene
Concen: 1.06 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

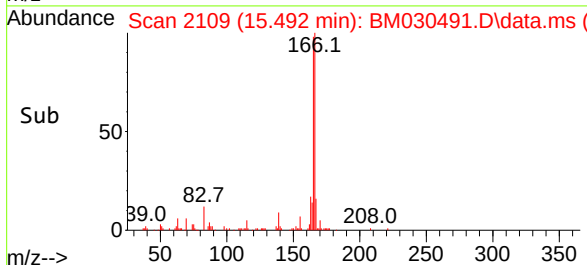
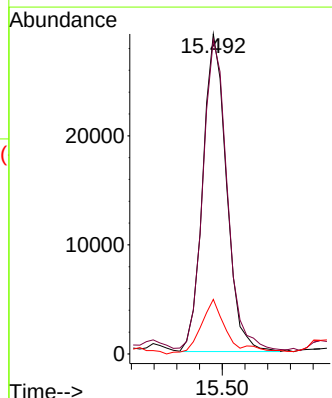
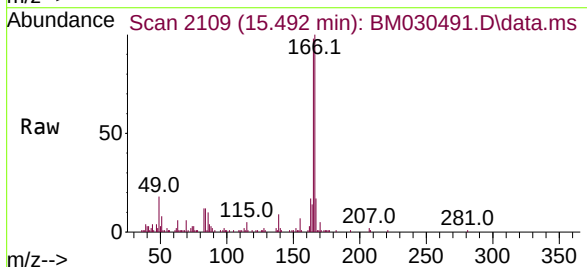
Instrument :
BNA_M
ClientSampleId :
BG5R4DL

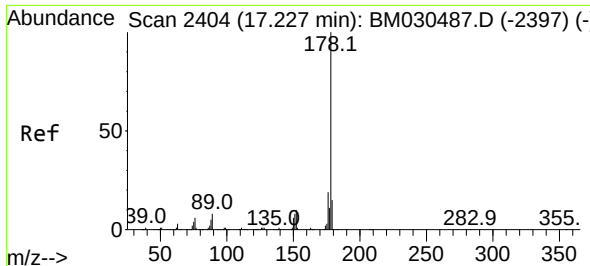
Tgt Ion:152 Resp: 38232
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 14.8 10.5 15.7



#61
Fluorene
Concen: 1.34 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:166 Resp: 42126
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 17.0 10.5 15.7#

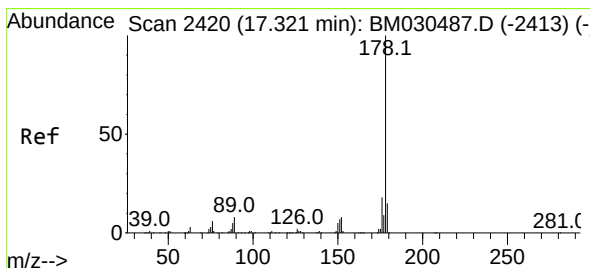
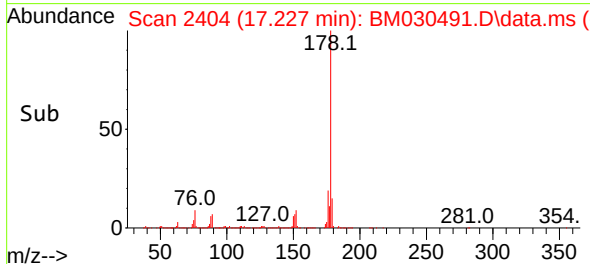
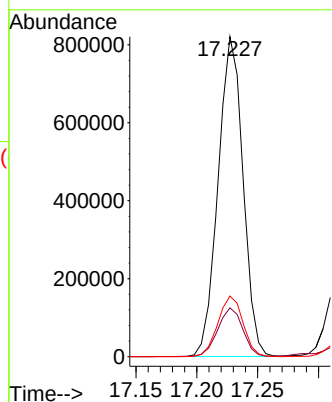
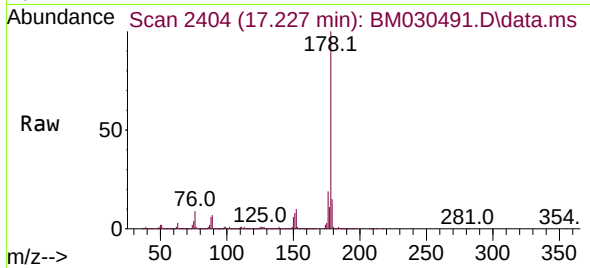




#72
Phenanthrene
Concen: 24.76 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

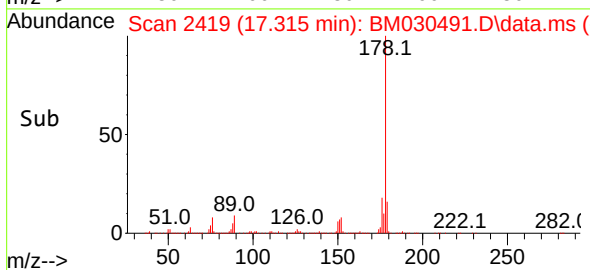
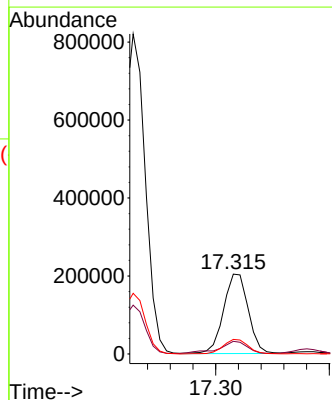
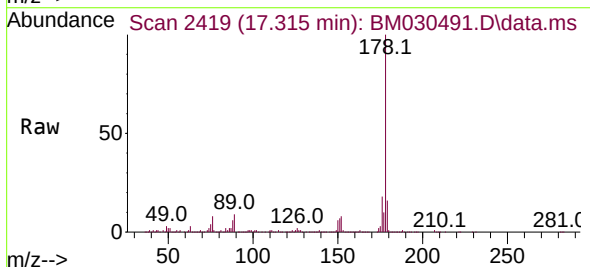
Instrument :
BNA_M
ClientSampleId :
BG5R4DL

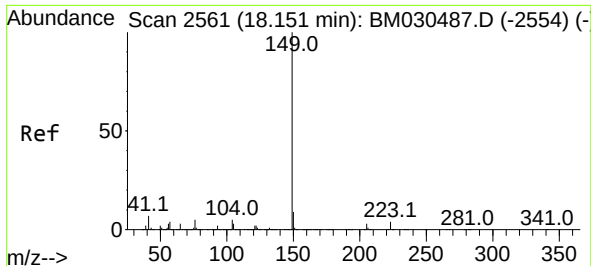
Tgt Ion:178 Resp: 1167526
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.0 15.0 22.6



#74
Anthracene
Concen: 6.48 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:178 Resp: 308543
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 18.3 15.0 22.4

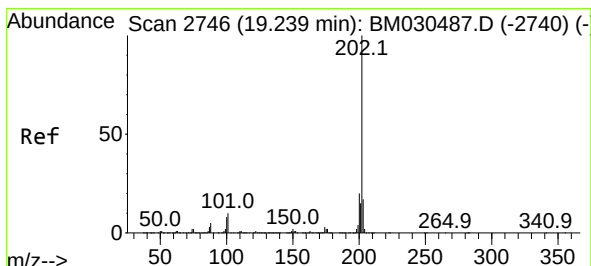
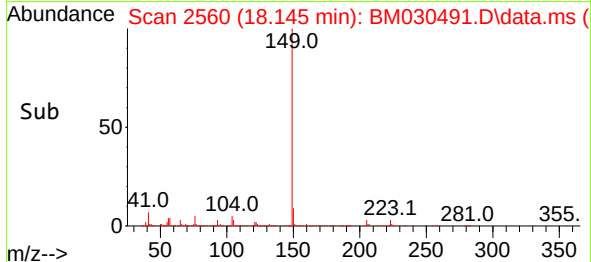
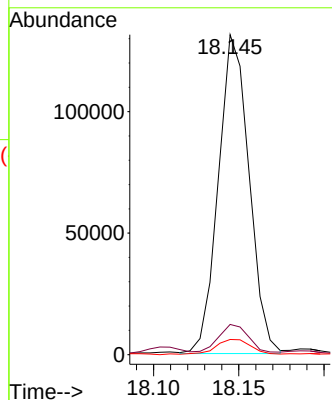
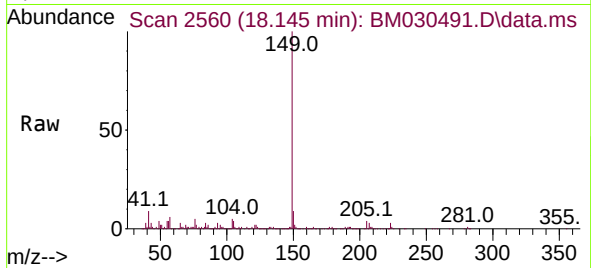




#78
Di-n-butylphthalate
Concen: 3.72 ng/ul
RT: 18.145 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

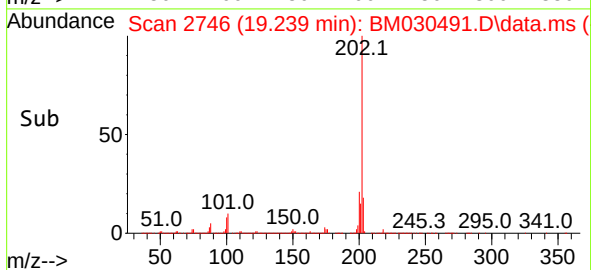
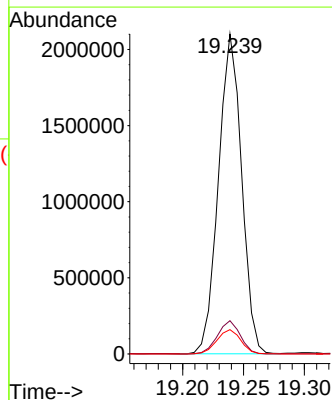
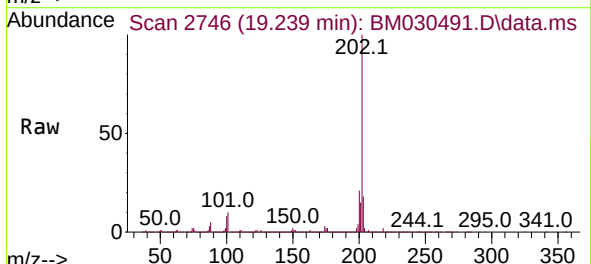
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ClientSampleID :
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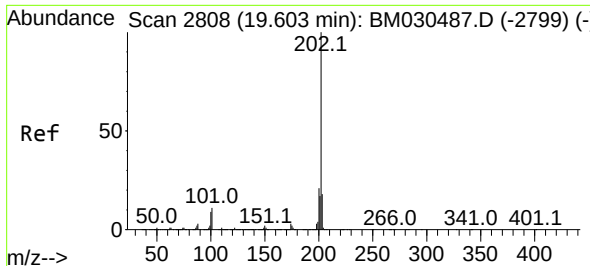
Tgt Ion:149 Resp: 164588
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.7 4.1 6.1



#80
Fluoranthene
Concen: 48.12 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:202 Resp: 2783653
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 7.6 6.6 10.0

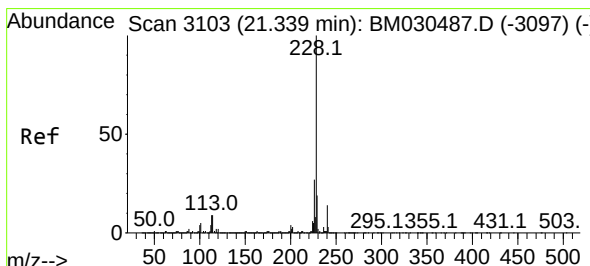
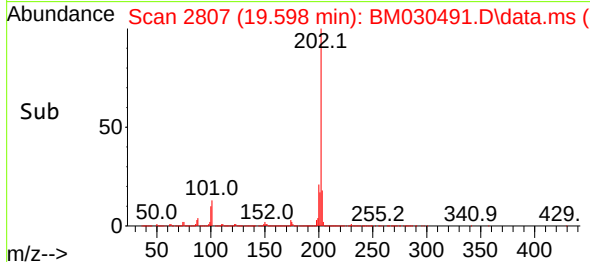
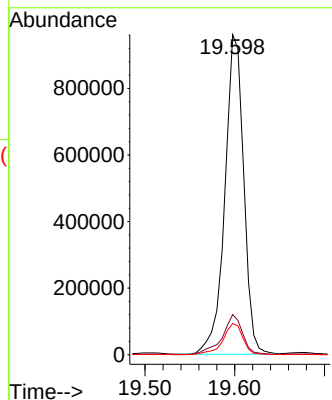
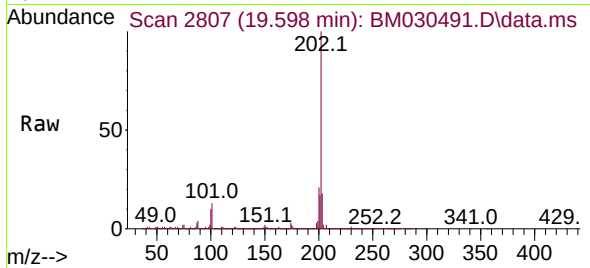




#82
Pyrene
Concen: 22.94 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

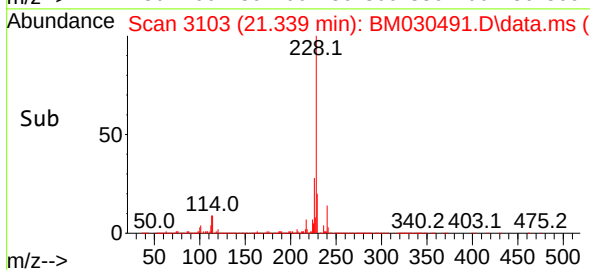
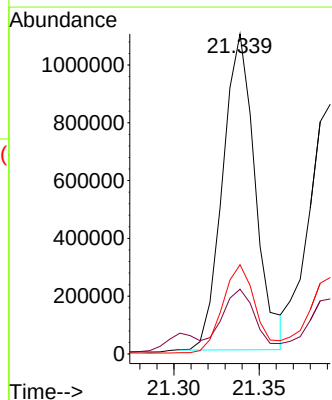
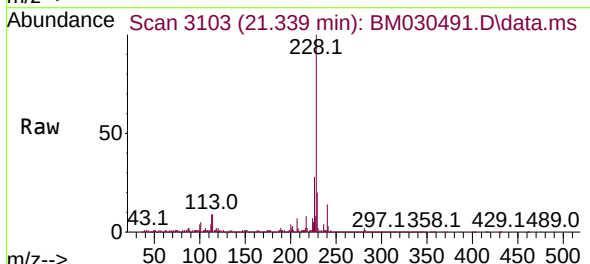
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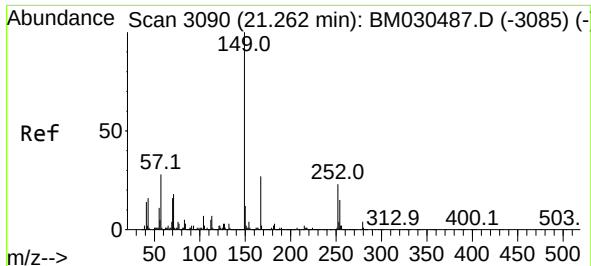
Tgt Ion:202 Resp: 1403467
Ion Ratio Lower Upper
202 100
101 12.5 10.8 16.2
100 9.8 9.1 13.7



#85
Benzo(a)anthracene
Concen: 26.72 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:228 Resp: 1452126
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 27.9 22.2 33.2

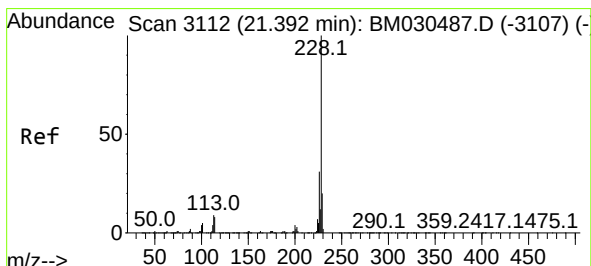
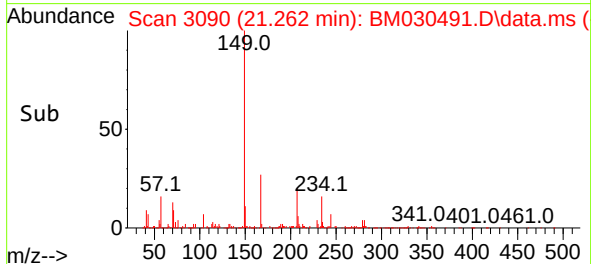
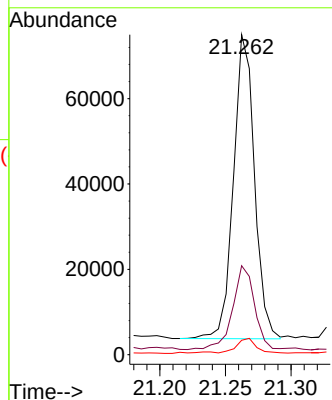
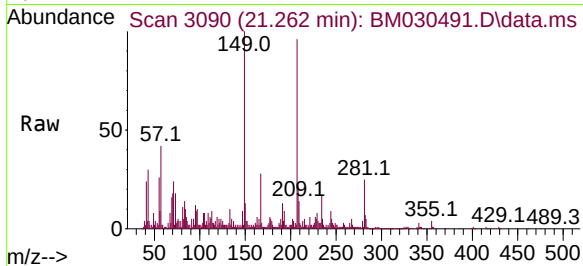




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.73 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

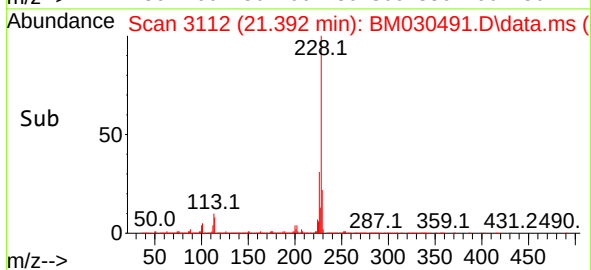
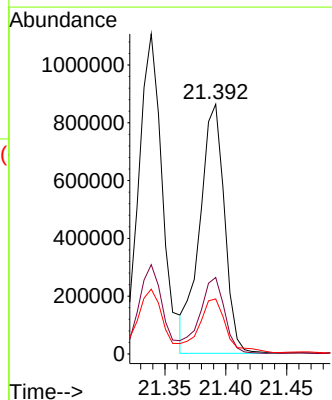
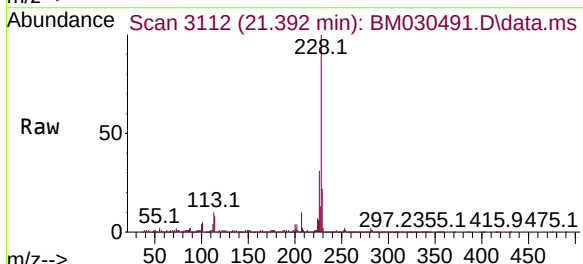
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ClientSampleId :
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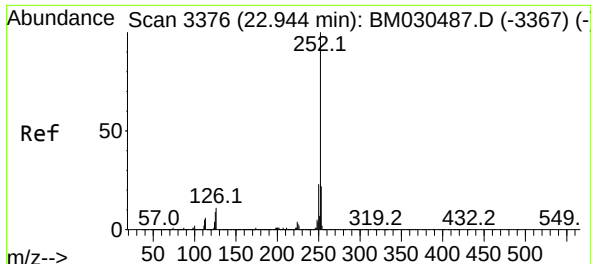
Tgt Ion:149 Resp: 79398
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.5 3.0 4.6



#87
Chrysene
Concen: 22.83 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:228 Resp: 1223378
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 22.0 15.8 23.6

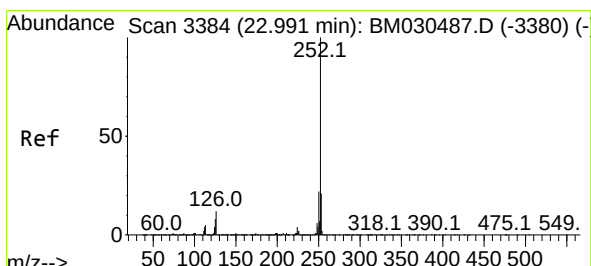
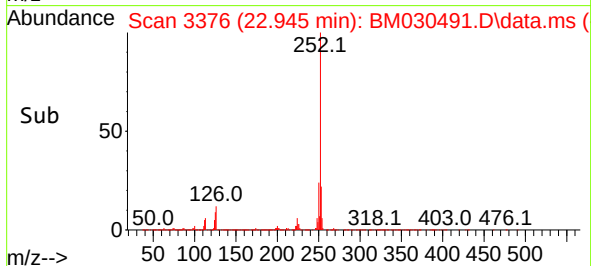
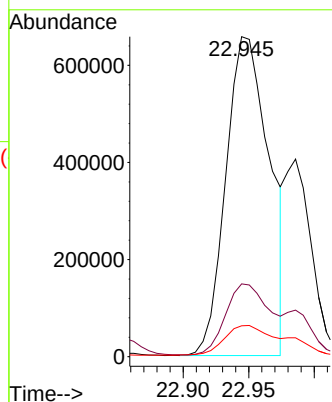
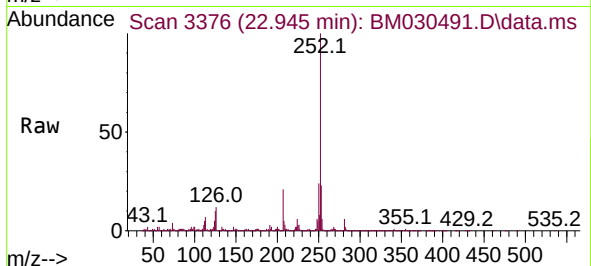




#90
Benzo(b)fluoranthene
Concen: 24.96 ng/ul
RT: 22.945 min Scan# 3376
Delta R.T. 0.012 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

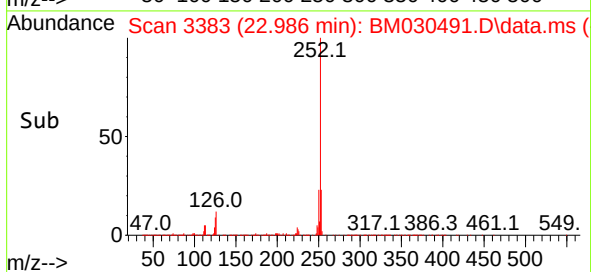
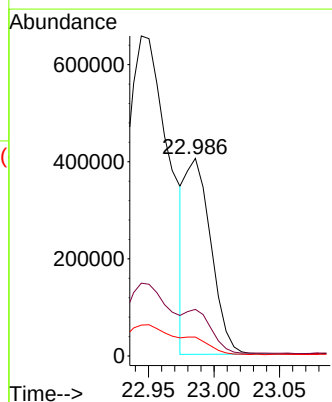
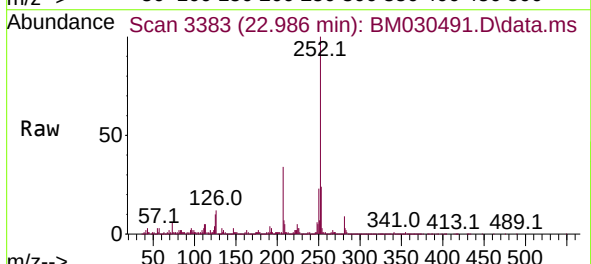
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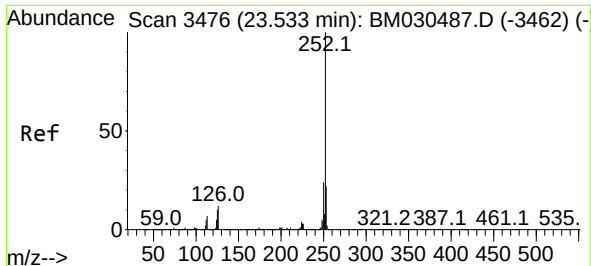
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Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 9.6 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 9.39 ng/ul
RT: 22.986 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

Tgt Ion:252 Resp: 546026
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 9.5 8.4 12.6

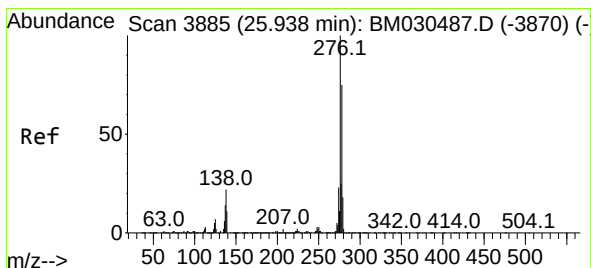
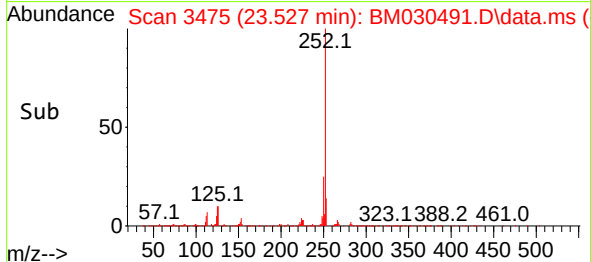
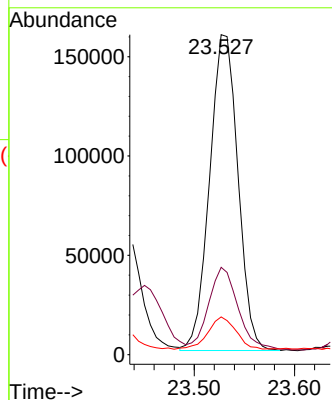
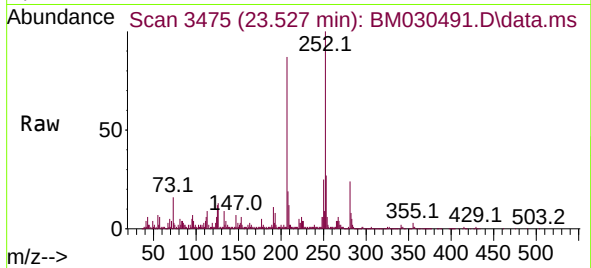




#93
Benzo(a)pyrene
Concen: 5.87 ng/ul
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

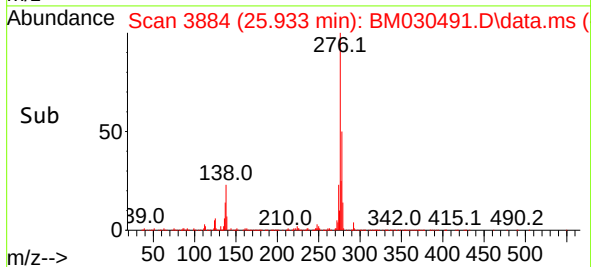
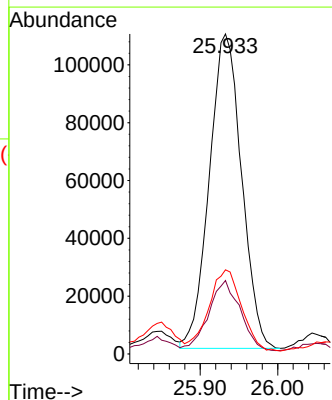
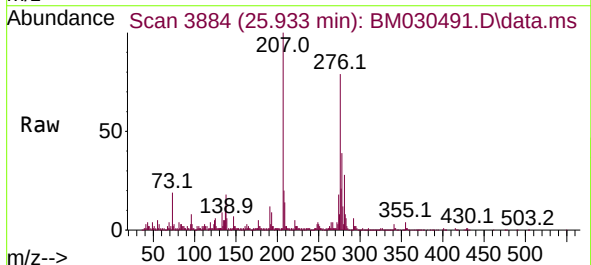
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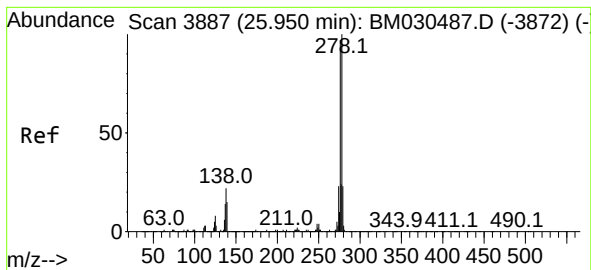
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Ion Ratio Lower Upper
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253 27.3 17.8 26.8#
125 11.8 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng/ul
RT: 25.933 min Scan# 3884
Delta R.T. 0.018 min
Lab File: BM030491.D
Acq: 17 Jun 2021 12:38

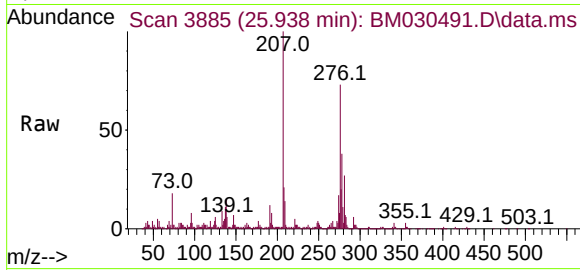
Tgt Ion:276 Resp: 314804
Ion Ratio Lower Upper
276 100
138 23.0 21.8 32.6
277 26.3 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 3.38 ng/ul
 RT: 25.938 min Scan# 3885
 Delta R.T. 0.012 min
 Lab File: BM030491.D
 Acq: 17 Jun 2021 12:38

Instrument :
 BNA_M
 ClientSampleId :
 BG5R4DL



Tgt Ion:	278	Resp:	186335
Ion Ratio	Lower	Upper	
278	100		
139	16.5	13.4	20.2
279	28.1	18.6	28.0#

