

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030538.D
 Acq On : 23 Jun 2021 05:36
 Operator : CG/JU
 Sample : M2662-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB1

Quant Time: Jun 23 06:16:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 23 04:56:16 2021
 Response via : Initial Calibration

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

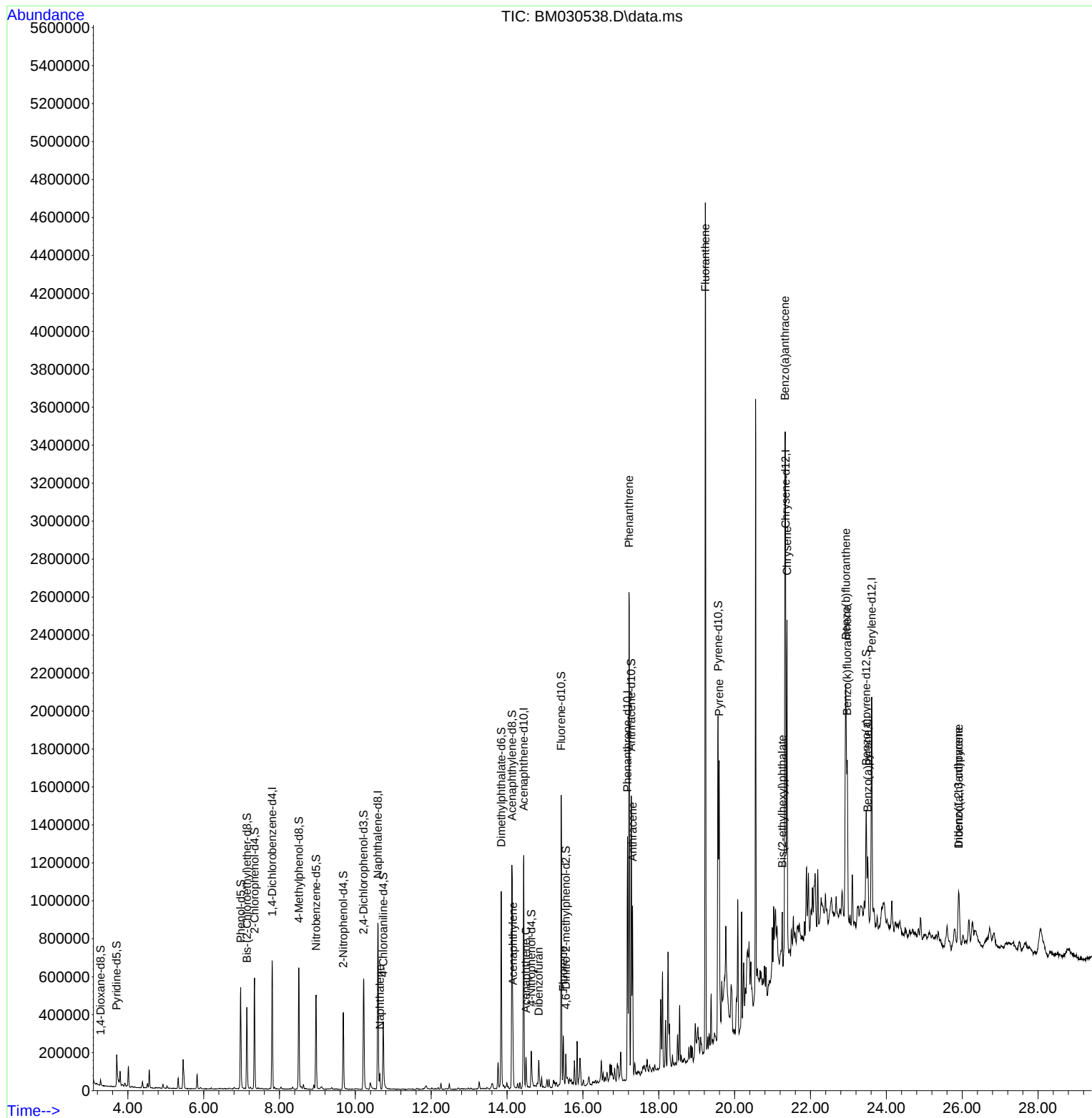
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	186315	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	730033	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	422442	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	762782	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	763844	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	857050	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14363	3.125	ng/uL	0.00
4) Pyridine-d5	3.705	84	108893	8.819	ng/ul	0.00
7) Phenol-d5	6.975	99	295428	18.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	194456	19.253	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	254123	20.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	246456	19.709	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	116837	21.447	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	127912	21.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	232952	20.087	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	206914	12.794	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	667802	22.894	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	813575	21.488	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	55446	10.034	ng/ul	0.00
60) Fluorene-d10	15.427	176	576789	22.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	38977	7.810	ng/ul	0.00
73) Anthracene-d10	17.274	188	803072	22.559	ng/ul	0.00
81) Pyrene-d10	19.562	212	545577	13.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.468	264	426233	9.566	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.645	128	64327	1.740	ng/ul	98
50) Acenaphthylene	14.157	152	69876	1.990	ng/ul	99
52) Acenaphthene	14.498	153	62490	2.452	ng/ul	99
56) Dibenzofuran	14.833	168	66865	1.882	ng/ul	99
61) Fluorene	15.480	166	111452	3.806	ng/ul	97
72) Phenanthrene	17.215	178	1559529	38.072	ng/ul	99
74) Anthracene	17.310	178	553961	13.226	ng/ul	99
80) Fluoranthene	19.227	202	2581655	52.814	ng/ul	99
82) Pyrene	19.592	202	959029	18.672	ng/ul	97
85) Benzo(a)anthracene	21.327	228	1236062	26.075	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.256	149	92157	3.790	ng/ul#	98
87) Chrysene	21.380	228	954621	20.658	ng/ul	98
90) Benzo(b)fluoranthene	22.933	252	1129965	20.767	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	468937	8.968	ng/ul	96
93) Benzo(a)pyrene	23.509	252	215294	4.400	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.903	276	210381	3.416	ng/ul	96
95) Dibenzo(a,h)anthracene	25.909	278	142130	2.784	ng/ul#	93

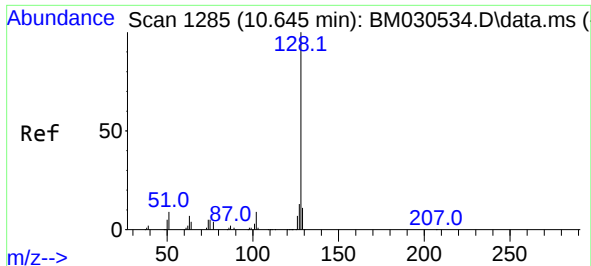
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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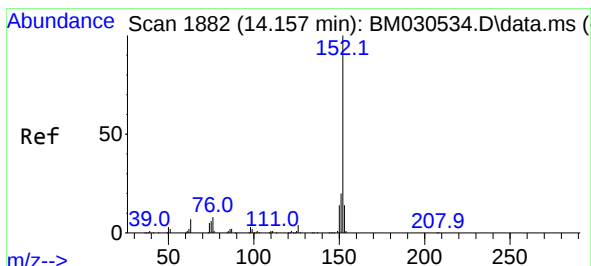
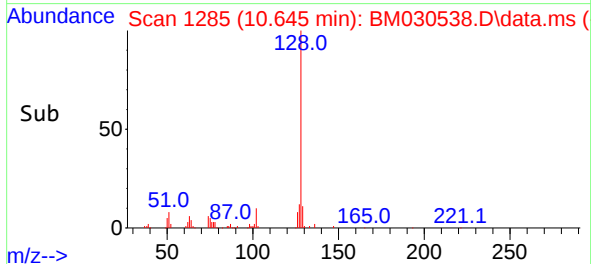
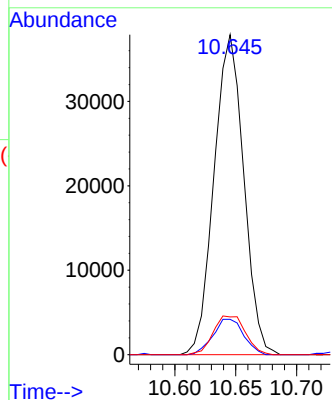
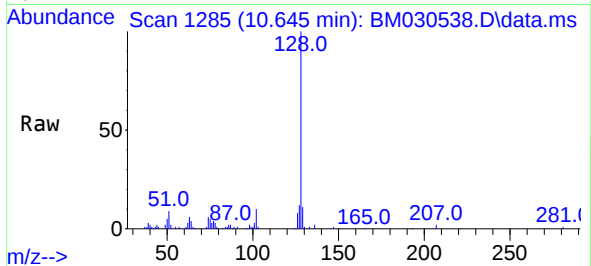




#30
Naphthalene
Concen: 1.740 ng/u1
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

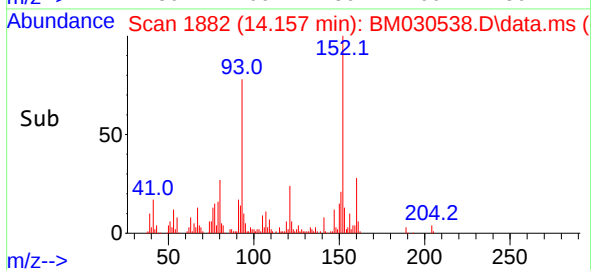
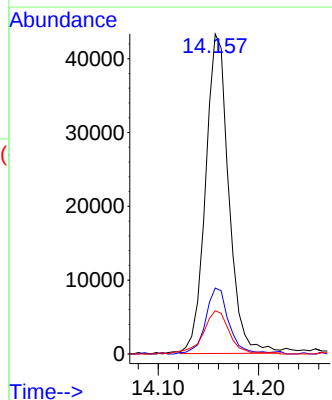
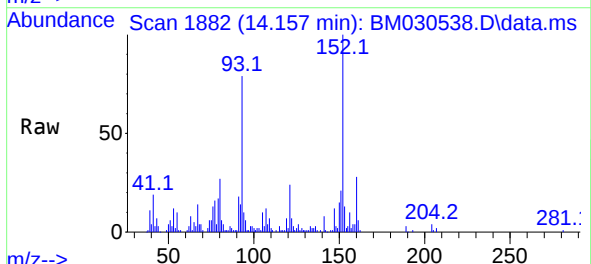
Instrument :
BNA_M
ClientSampleId :
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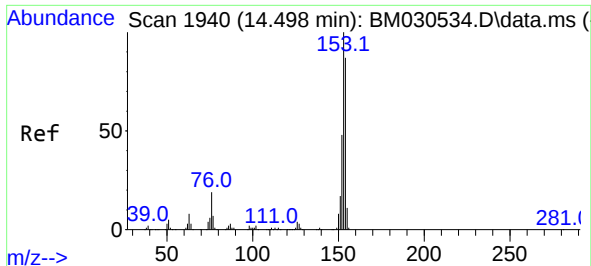
Tgt Ion:	128	Resp:	64327
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	11.8	10.6	15.8



#50
Acenaphthylene
Concen: 1.990 ng/u1
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:	152	Resp:	69876
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.2
153	13.5	10.2	15.4

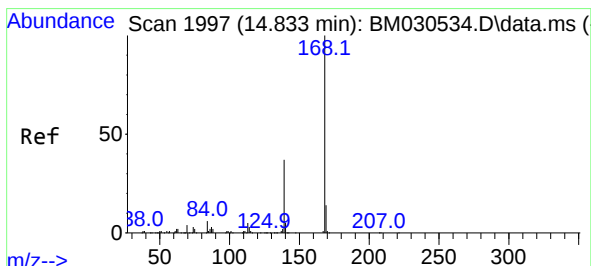
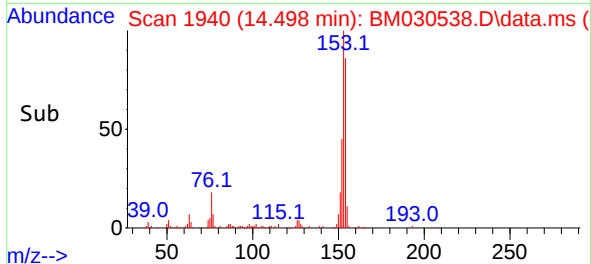
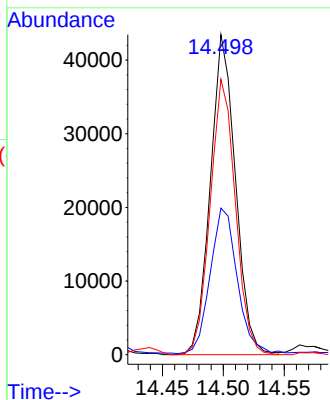
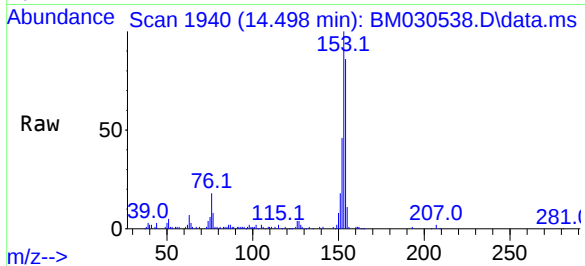




#52
Acenaphthene
Concen: 2.452 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

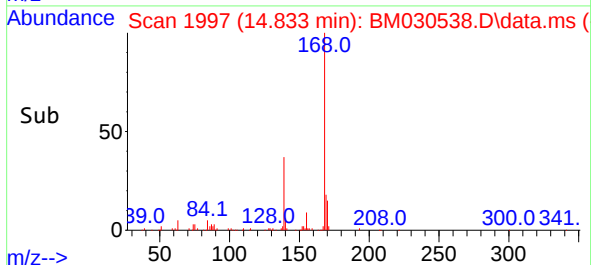
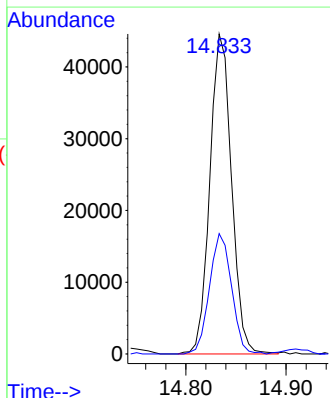
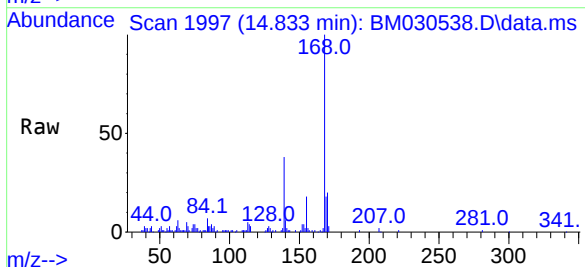
Instrument :
BNA_M
ClientSampled :
BGDB1

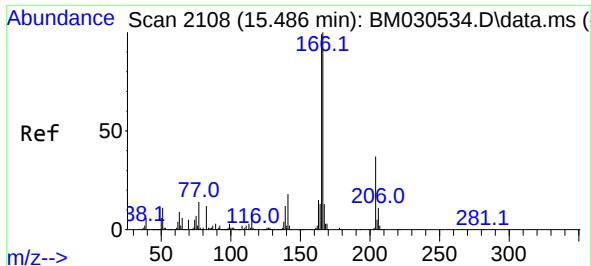
Tgt Ion:153 Resp: 62490
Ion Ratio Lower Upper
153 100
152 45.8 37.4 56.2
154 86.0 69.4 104.0



#56
Dibenzofuran
Concen: 1.882 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:168 Resp: 66865
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3

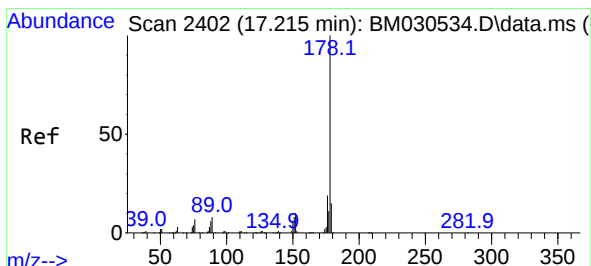
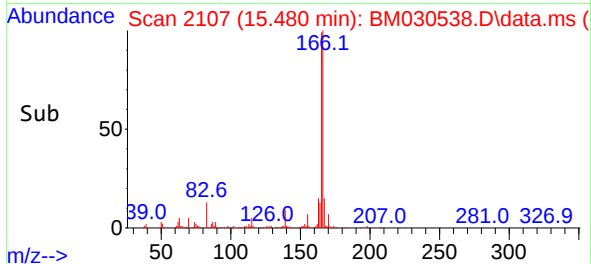
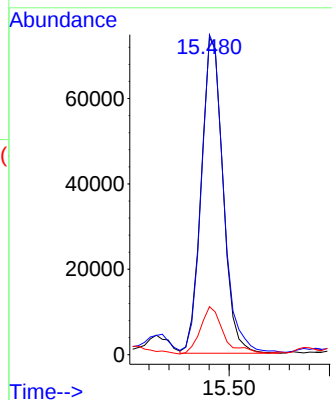
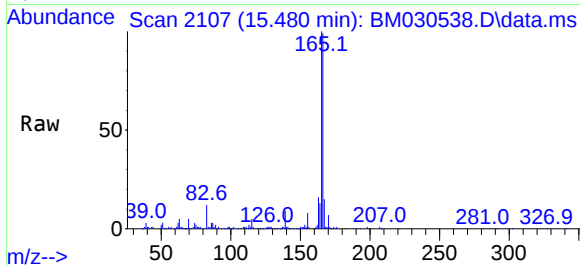




#61
Fluorene
Concen: 3.806 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

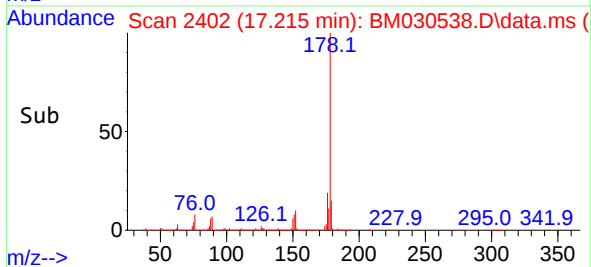
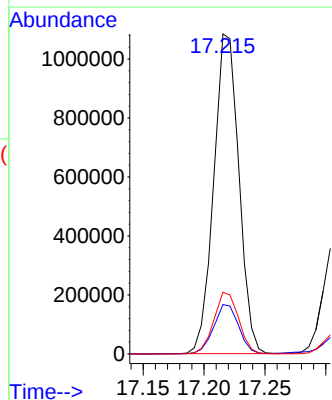
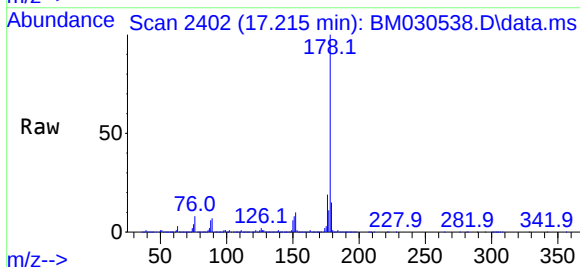
Instrument :
BNA_M
ClientSampleId :
BGDB1

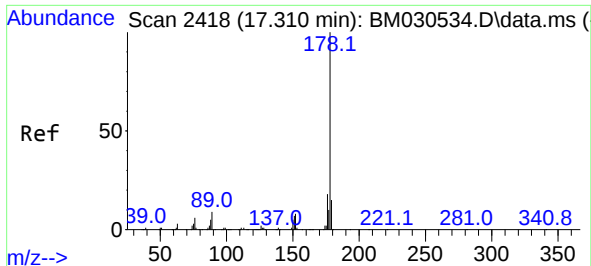
Tgt Ion:166 Resp: 111452
Ion Ratio Lower Upper
166 100
165 100.9 78.4 117.6
167 15.1 10.6 15.8



#72
Phenanthrene
Concen: 38.072 ng/ul
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:178 Resp: 1559529
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.3 15.2 22.8

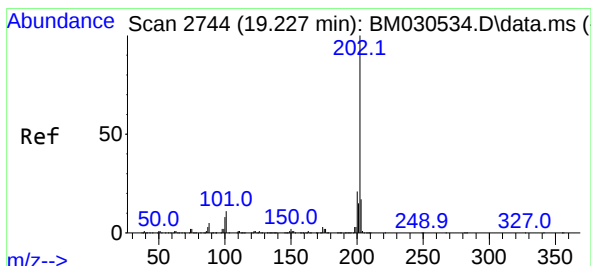
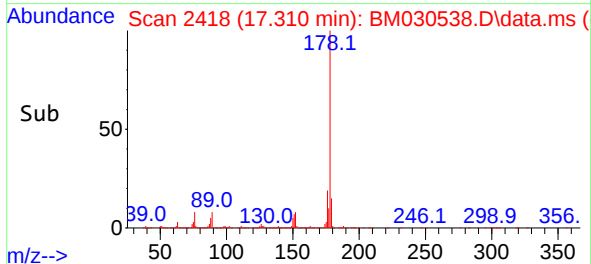
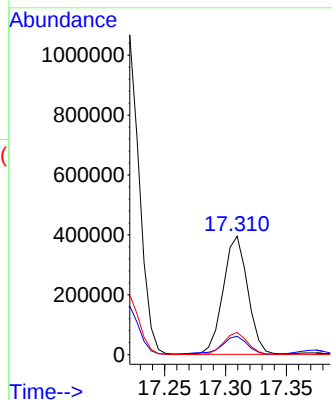
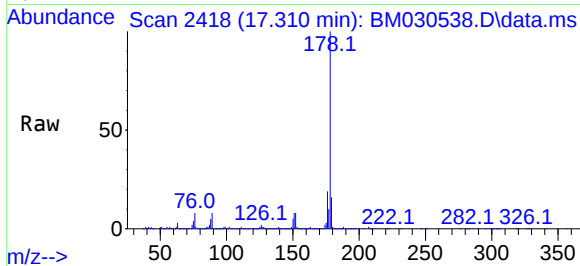




#74
 Anthracene
 Concen: 13.226 ng/ul
 RT: 17.310 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM030538.D
 Acq: 23 Jun 2021 05:36

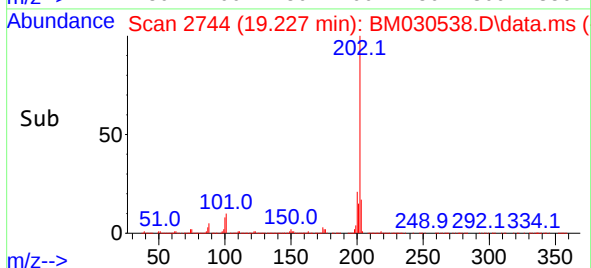
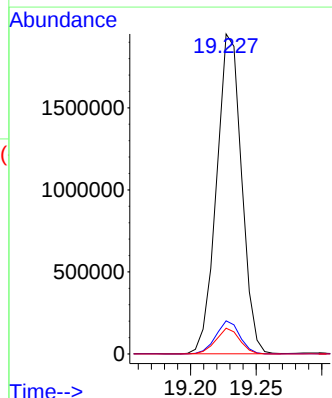
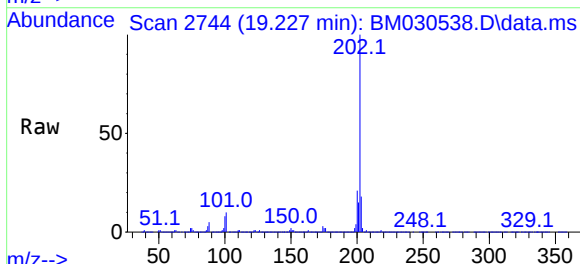
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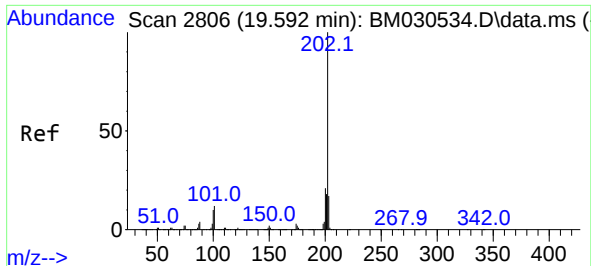
Tgt Ion:178 Resp: 553961
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 18.9 15.2 22.8



#80
 Fluoranthene
 Concen: 52.814 ng/ul
 RT: 19.227 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BM030538.D
 Acq: 23 Jun 2021 05:36

Tgt Ion:202 Resp: 2581655
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.8 13.2
 100 8.1 6.8 10.2

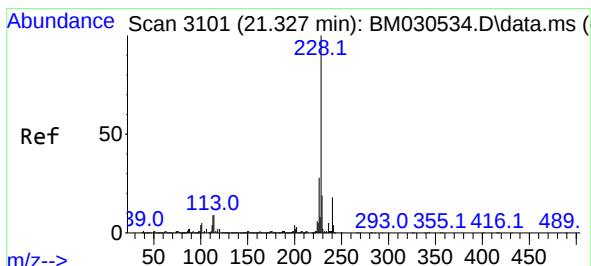
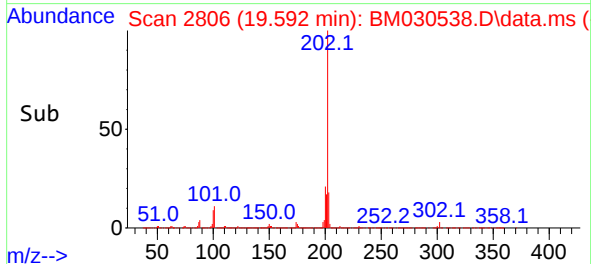
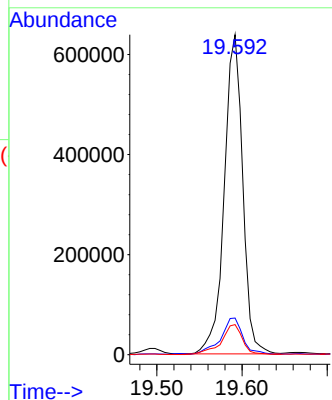
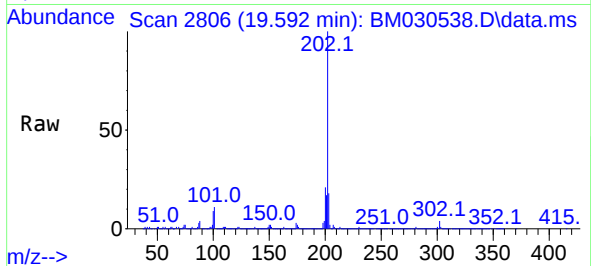




#82
Pyrene
Concen: 18.672 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

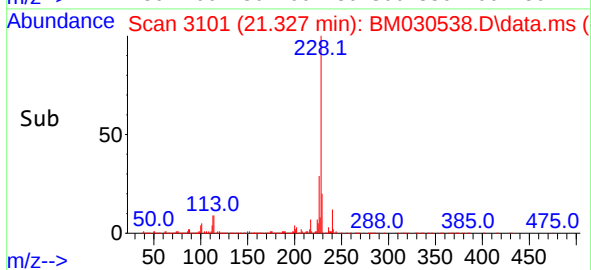
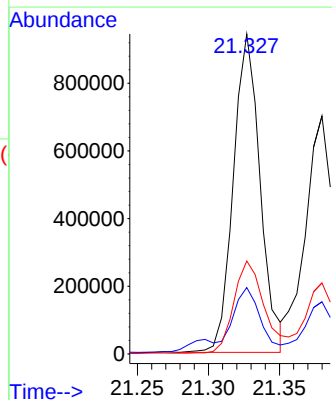
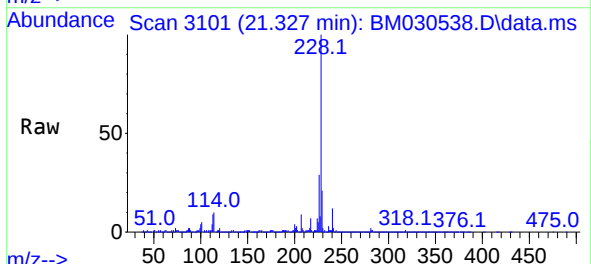
Instrument :
BNA_M
ClientSampled :
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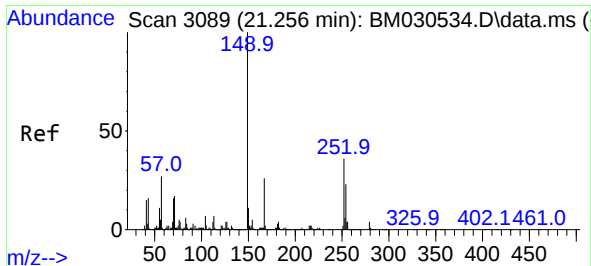
Tgt Ion:202 Resp: 959029
Ion Ratio Lower Upper
202 100
101 11.4 10.0 15.0
100 9.4 8.5 12.7



#85
Benzo(a)anthracene
Concen: 26.075 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:228 Resp: 1236062
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.0 22.2 33.2

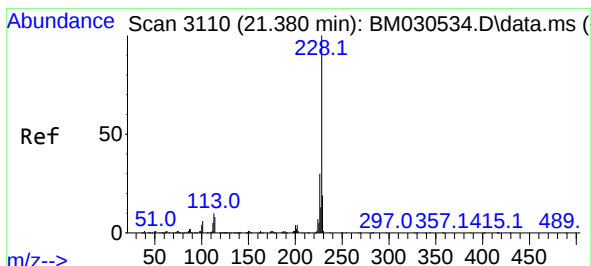
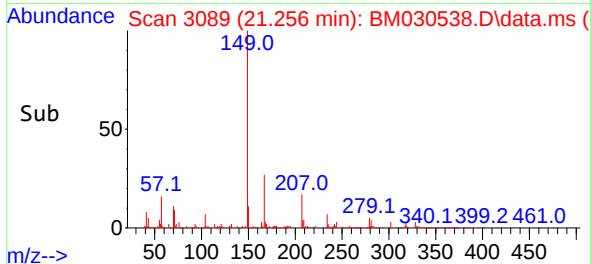
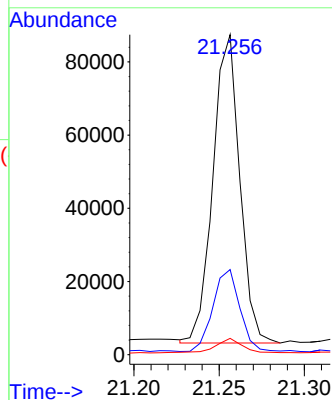
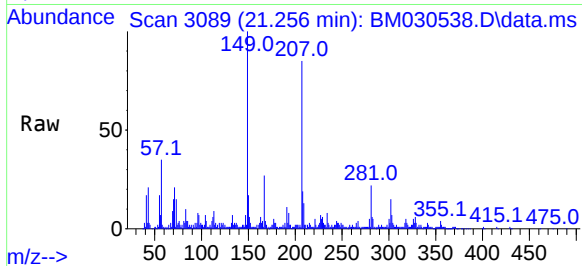




#86
Bis(2-ethylhexyl)phthalate
Concen: 3.790 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

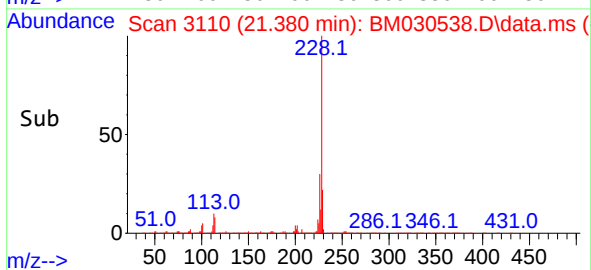
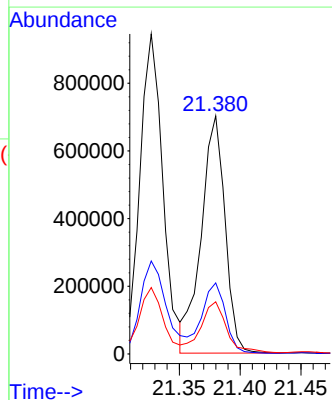
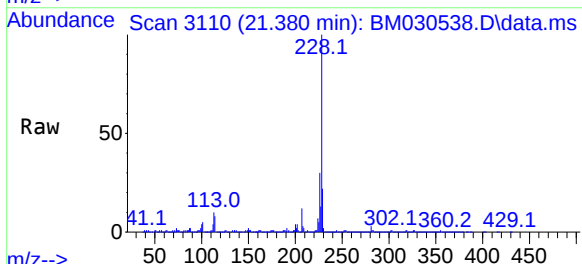
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BNA_M
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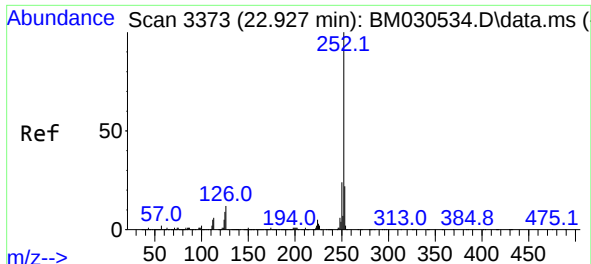
Tgt Ion:149 Resp: 92157
Ion Ratio Lower Upper
149 100
167 26.6 20.7 31.1
279 5.1 3.0 4.4#



#87
Chrysene
Concen: 20.658 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:228 Resp: 954621
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.9 15.9 23.9

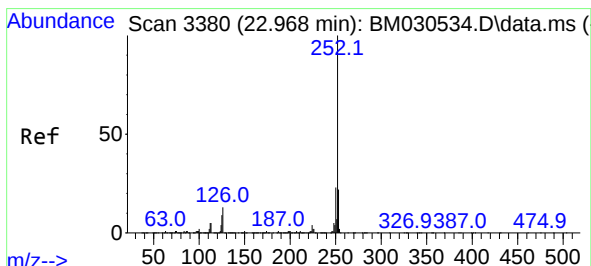
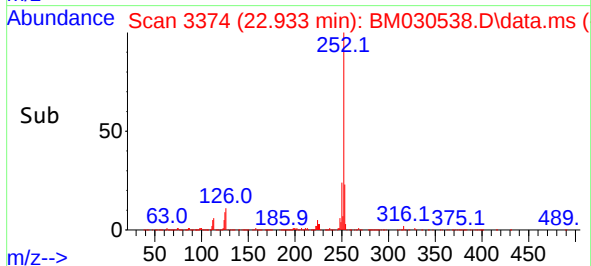
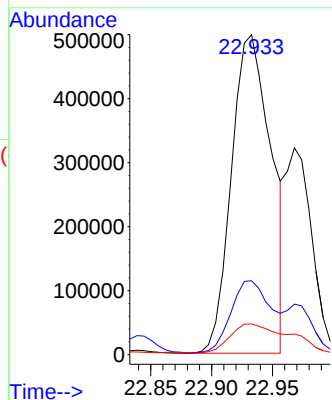
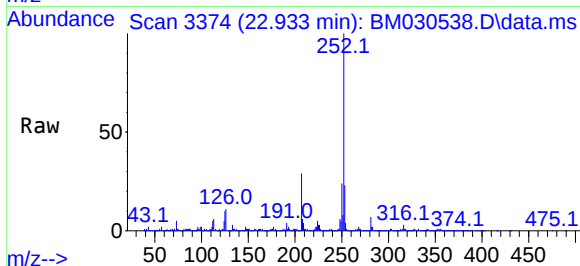




#90
Benzo(b)fluoranthene
Concen: 20.767 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

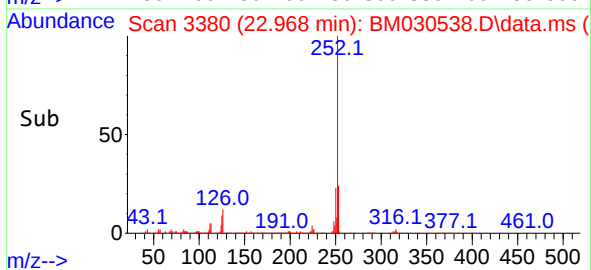
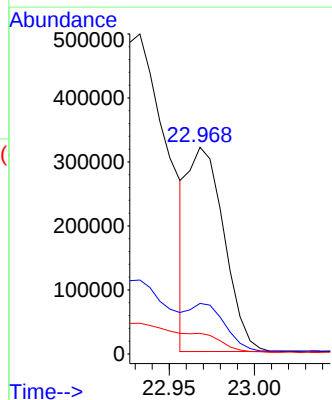
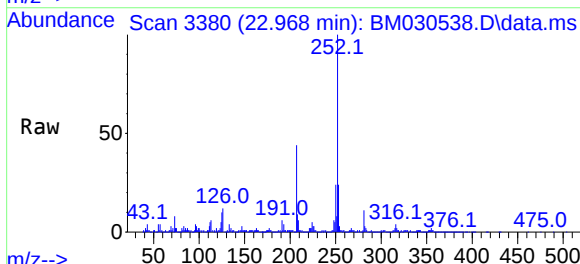
Instrument :
BNA_M
ClientSampleId :
BGDB1

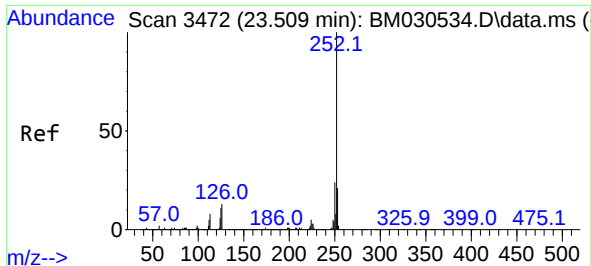
Tgt Ion:252 Resp: 1129965
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.6 7.7 11.5



#91
Benzo(k)fluoranthene
Concen: 8.968 ng/ul
RT: 22.968 min Scan# 3380
Delta R.T. -0.018 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:252 Resp: 468937
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 10.0 7.9 11.9

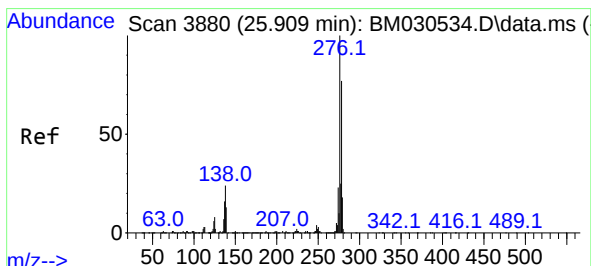
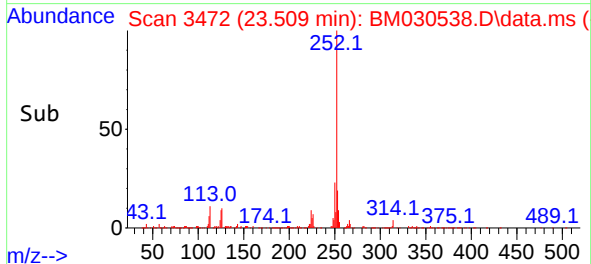
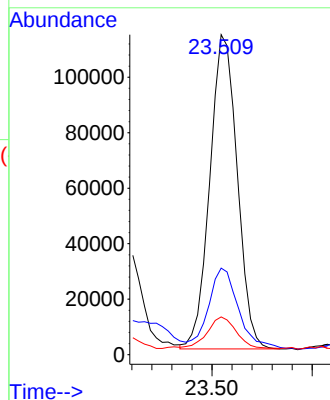
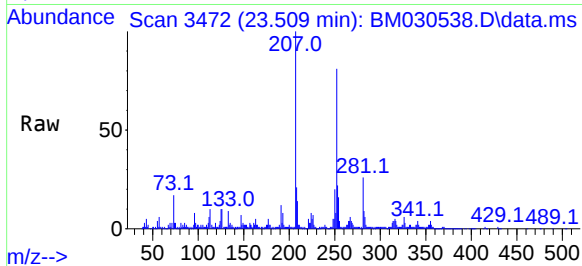




#93
Benzo(a)pyrene
Concen: 4.400 ng/ul
RT: 23.509 min Scan# 3472
Delta R.T. -0.018 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

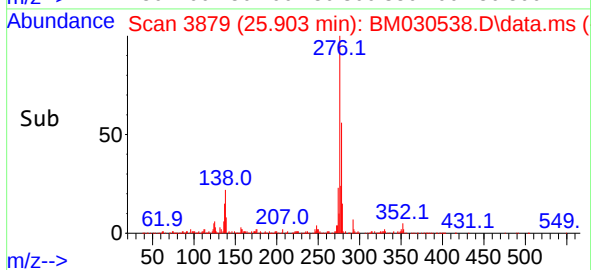
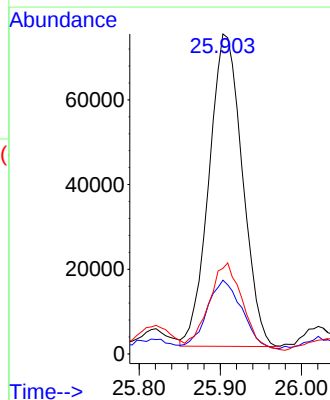
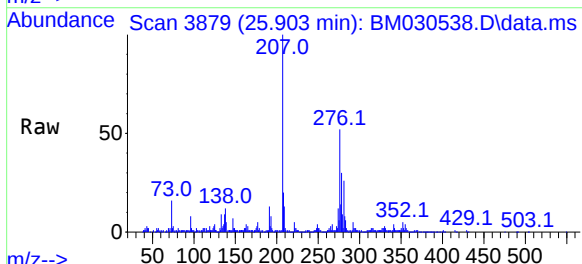
Instrument :
BNA_M
ClientSampled :
BGDB1

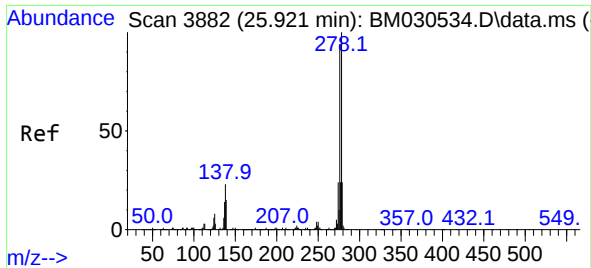
Tgt Ion:252 Resp: 215294
Ion Ratio Lower Upper
252 100
253 27.0 17.5 26.3#
125 11.8 8.6 13.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.416 ng/ul
RT: 25.903 min Scan# 3879
Delta R.T. -0.029 min
Lab File: BM030538.D
Acq: 23 Jun 2021 05:36

Tgt Ion:276 Resp: 210381
Ion Ratio Lower Upper
276 100
138 23.0 19.5 29.3
277 26.7 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.784 ng/ul
 RT: 25.909 min Scan# 3880
 Delta R.T. -0.029 min
 Lab File: BM030538.D
 Acq: 23 Jun 2021 05:36

Instrument :
 BNA_M
 ClientSampleId :
 BGDB1

Tgt Ion:	278	Resp:	142130
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	28.9	19.1	28.7#

