

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024914.D
 Acq On : 17 Feb 2020 19:53
 Operator : CG/JU
 Sample : L1323-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 GAT42DL

Manual Integrations
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Quant Time: Feb 18 01:43:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 06:02:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	291650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1008116	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	600463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1297631	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1463807	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1580349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	4523	0.75	ng/uL	0.00
5) Phenol-d5	6.59	99	52564	2.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	38287	3.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	48585	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	15947	0.98	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	21717	2.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	21587	2.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	36755	2.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	7631m	0.47	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	159677	3.52	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	188060	3.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	11604m	1.58	ng/ul	0.02
58) Fluorene-d10	15.04	176	147445	3.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	14859	1.76	ng/ul	0.00
71) Anthracene-d10	16.89	188	215750	3.64	ng/ul	0.00
79) Pyrene-d10	19.20	212	271922	3.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	294827m	3.71	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	13.75	152	375851	6.855 ng/ul	98
70) Phenanthrene	16.83	178	127514	1.802 ng/ul	98
72) Anthracene	16.93	178	180087	2.510 ng/ul	99
77) Fluoranthene	18.86	202	1634777m	18.822 ng/ul	
80) Pyrene	19.23	202	3307597m	34.136 ng/ul	
83) Benzo(a)anthracene	20.99	228	1495501m	15.167 ng/ul	
85) Chrysene	21.04	228	1298736	13.379 ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	950570	9.459 ng/ul#	98
89) Benzo(k)fluoranthene	22.53	252	300989m	3.112 ng/ul	
91) Benzo(a)pyrene	23.02	252	918508	10.195 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	400311	3.569 ng/ul	99
93) Dibenzo(a,h)anthracene	25.16	278	137228	1.436 ng/ul	93
94) Benzo(g,h,i)perylene	25.76	276	347854	3.729 ng/ul	95

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

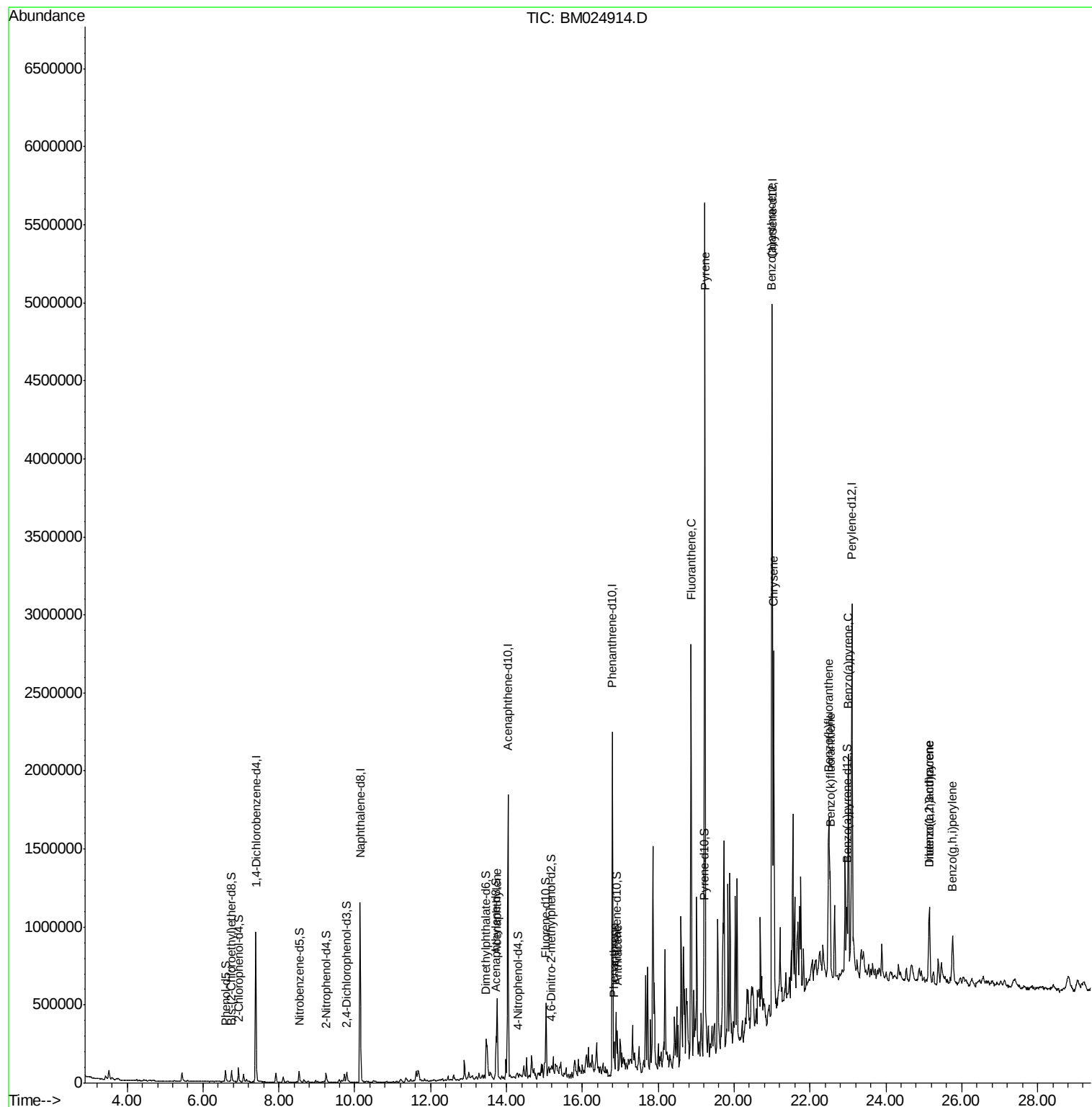
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024914.D
Acq On : 17 Feb 2020 19:53
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

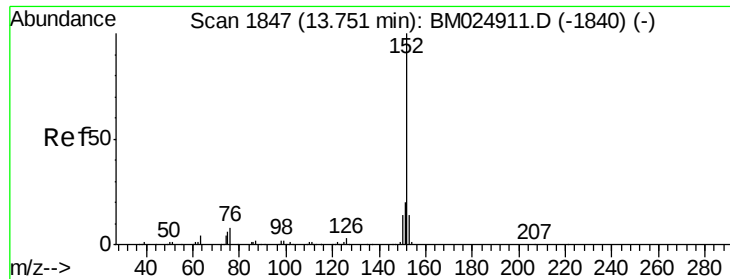
Instrument :
BNA_M
ClientSampleId :
GAT42DL

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Quant Time: Feb 18 01:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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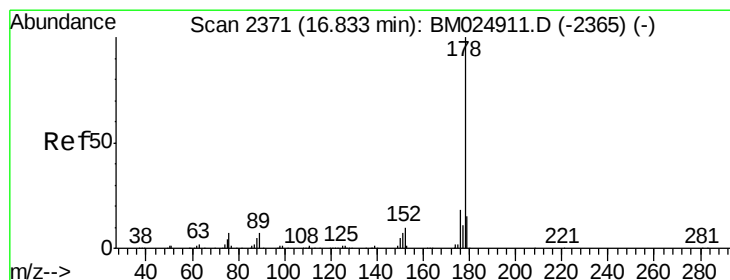
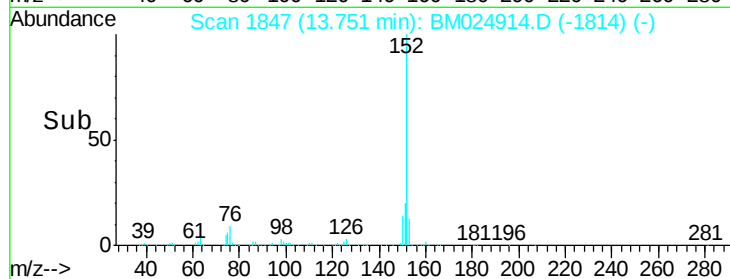
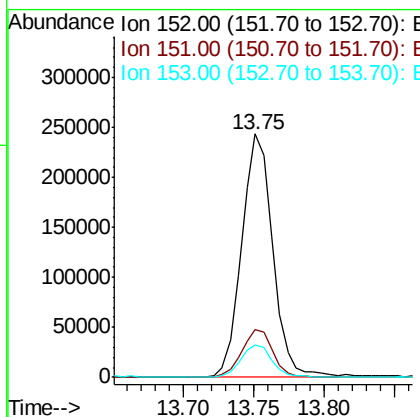
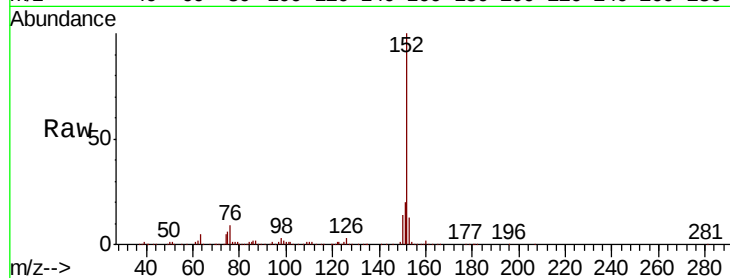
#48
Acenaphthylene
Concen: 6.855 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Instrument :
BNA_M
ClientSampleId :
GAT42DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7
153	13.3	10.1	15.1

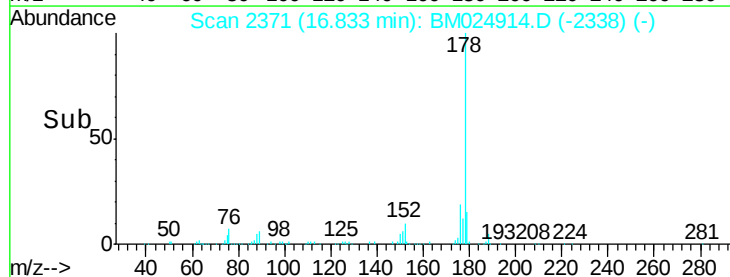
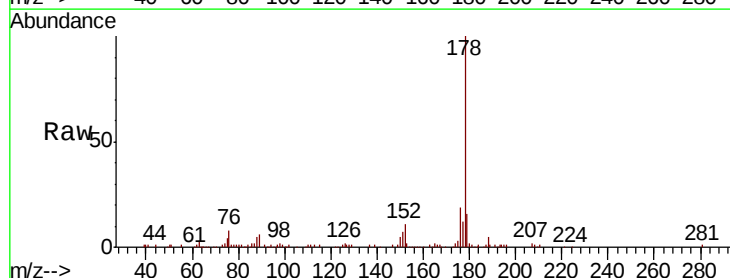
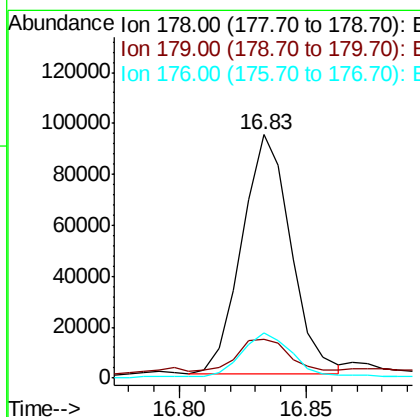
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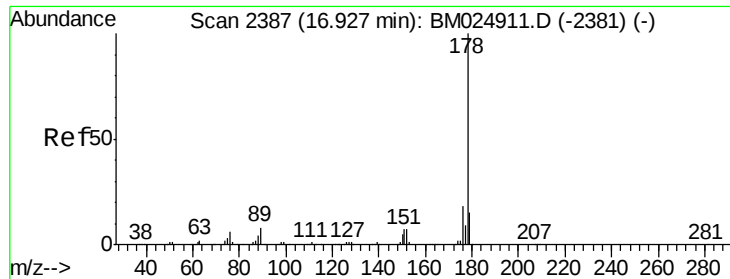
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#70
Phenanthrene
Concen: 1.802 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	18.8	14.5	21.7





#72

Anthracene

Concen: 2.510 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

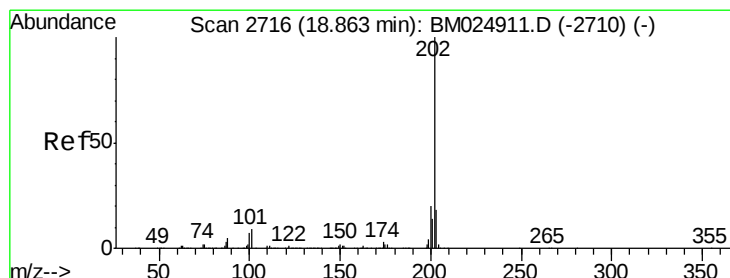
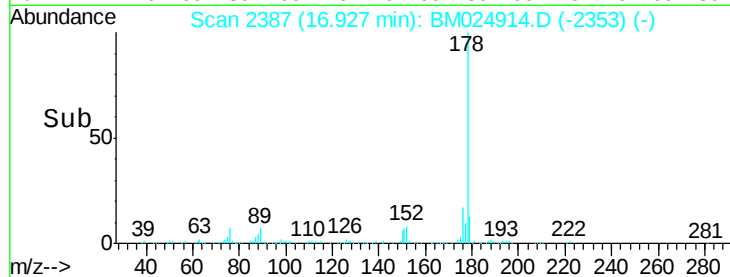
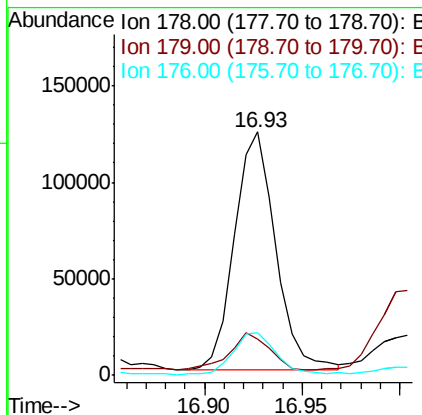
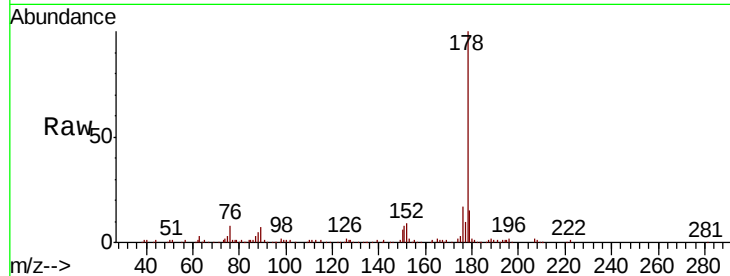
ClientSampleId :

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Tot Ion:	178	Resp:	180087
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.3	18.5
176	17.3	14.1	21.1

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#77

Fluoranthene

Concen: 18.822 ng/ul m

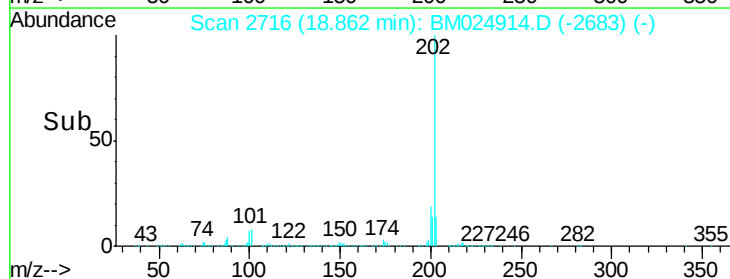
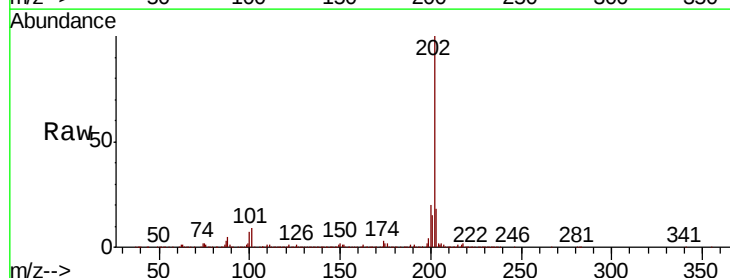
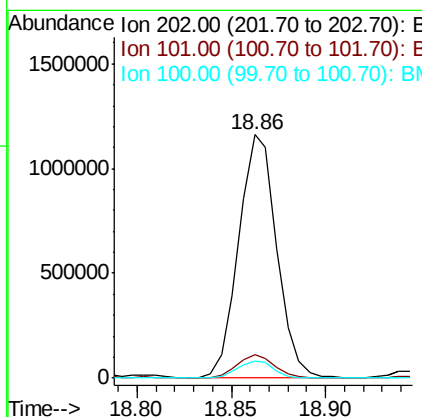
RT: 18.86 min Scan# 2716

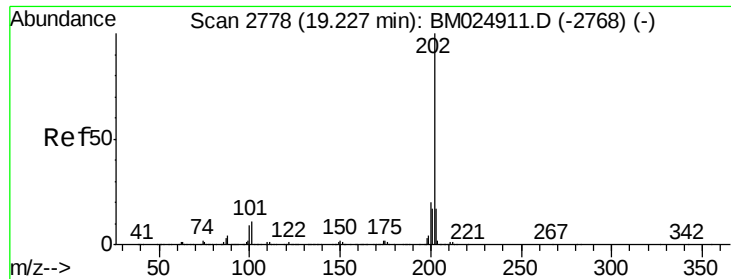
Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Tgt Ion:	202	Resp:	1634777
Ion Ratio	Lower	Upper	
202	100		
101	9.5	6.1	9.1#
100	7.2	4.8	7.2#





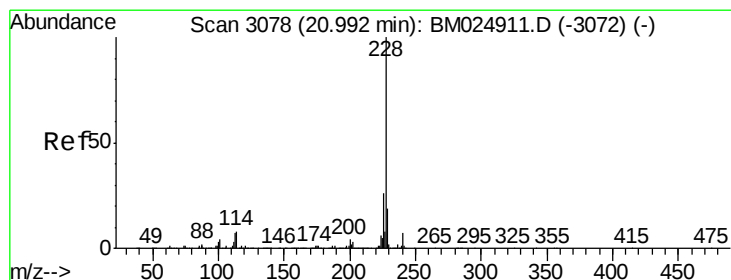
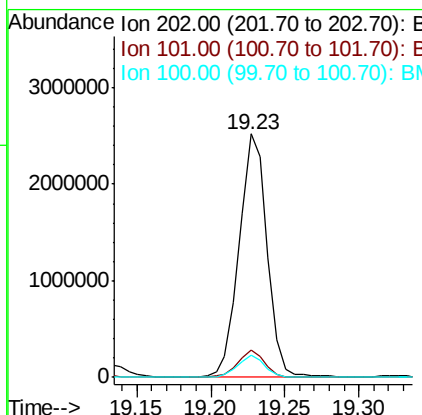
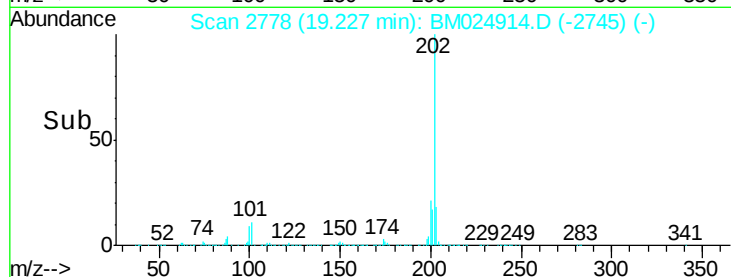
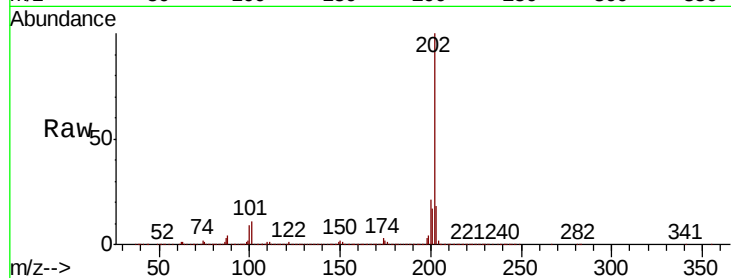
#80
Pvrene
Concen: 34.136 ng/ul m
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Instrument :
BNA_M
ClientSampleId :
GAT42DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.0	10.4#
100	9.0	5.8	8.8#

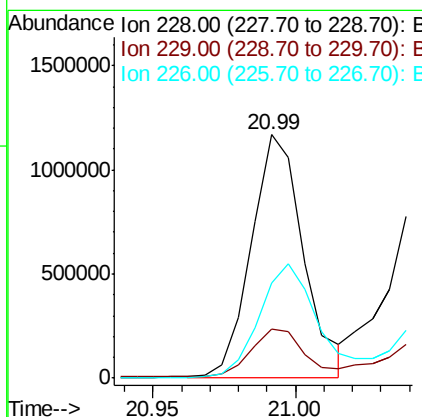
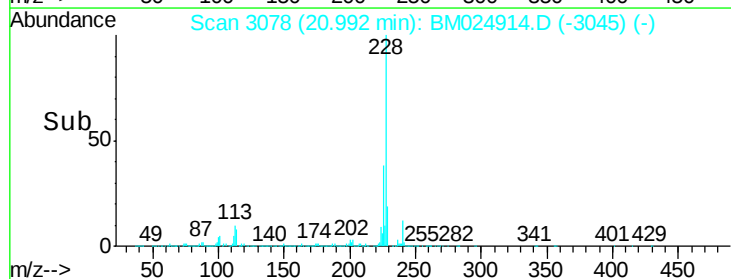
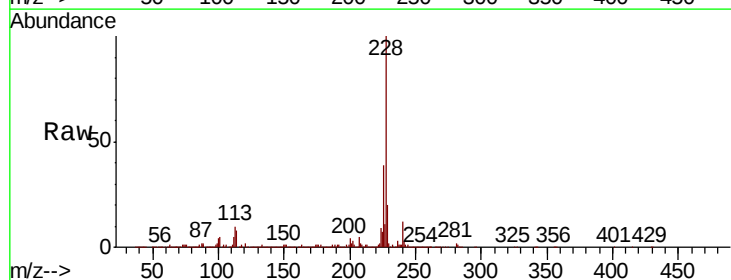
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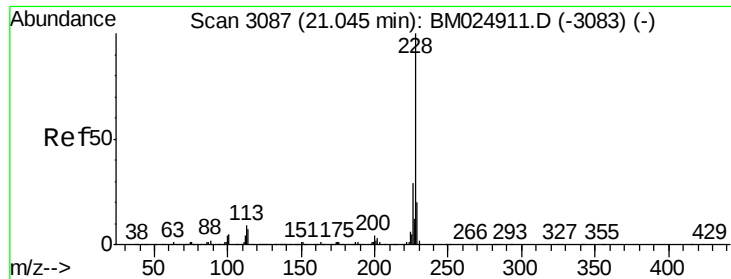
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#83
Benzo(a)anthracene
Concen: 15.167 ng/ul m
RT: 20.99 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	38.9	20.8	31.2#





#85

Chrysene

Concen: 13.379 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

GAT42DL

Tot Ion:228 Resp: 1298736

Ion Ratio Lower Upper

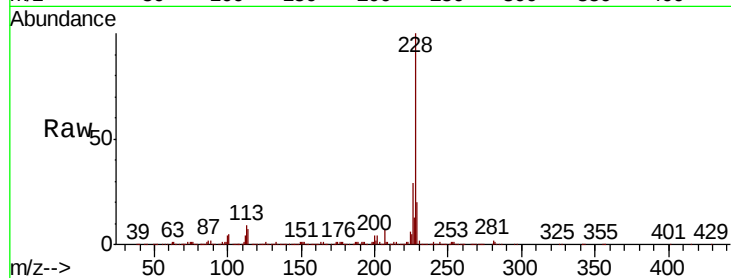
228 100

226 29.1 23.0 34.4

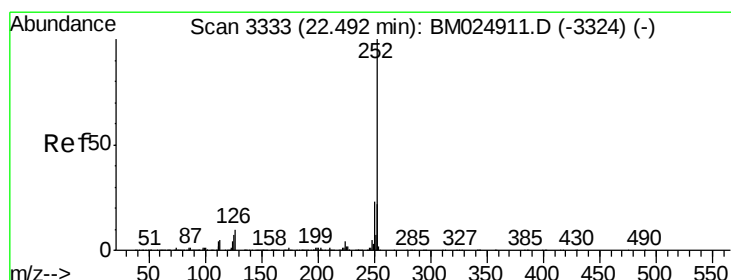
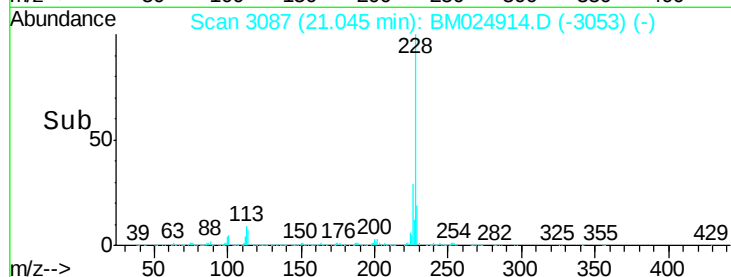
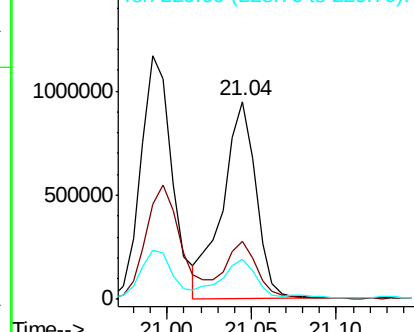
229 20.4 15.8 23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 9.459 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

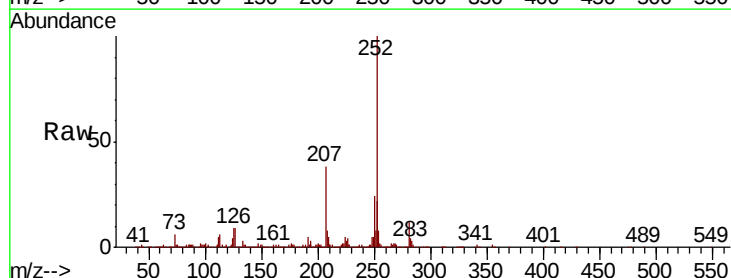
Tgt Ion:252 Resp: 950570

Ion Ratio Lower Upper

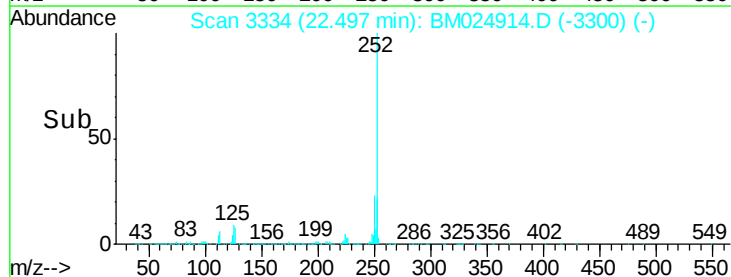
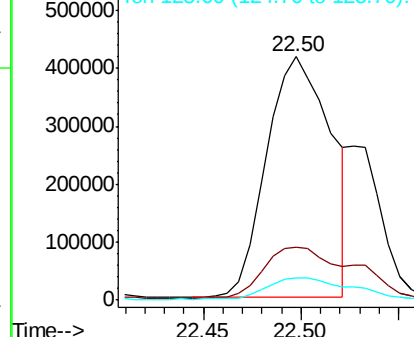
252 100

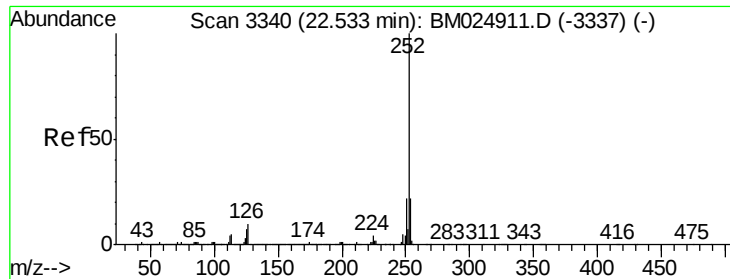
253 21.9 17.3 25.9

125 9.0 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.112 ng/ul m

RT: 22.53 min Scan# 3339

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

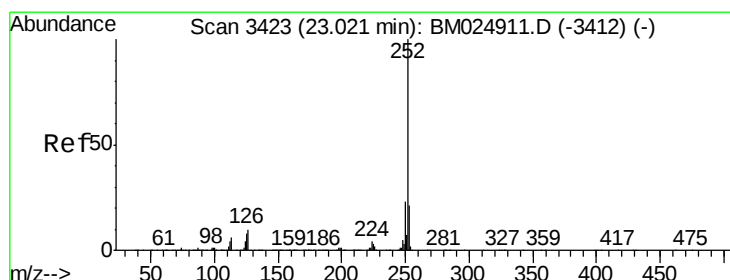
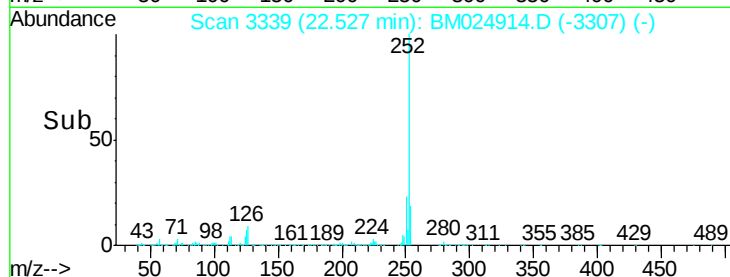
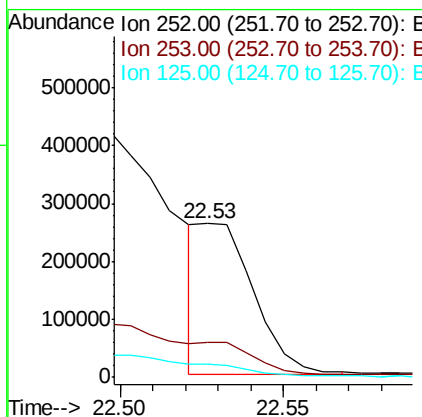
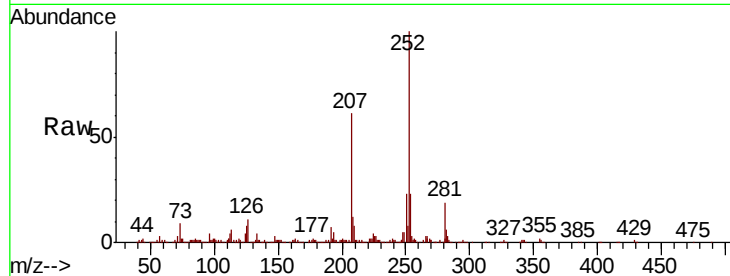
ClientSampleId :

GAT42DL

Tot Ion:	252	Resp:	300989
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	8.3	5.1	7.7#

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#91

Benzo(a)pyrene

Concen: 10.195 ng/ul

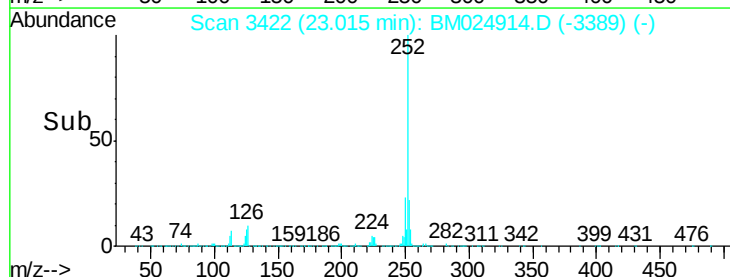
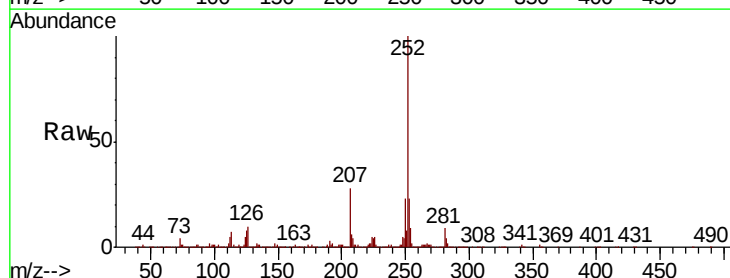
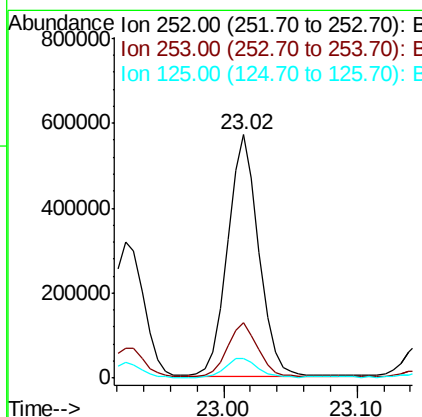
RT: 23.02 min Scan# 3422

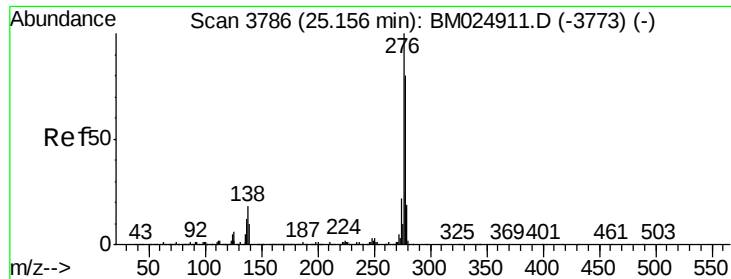
Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Tgt Ion:	252	Resp:	918508
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	8.3	5.6	8.4





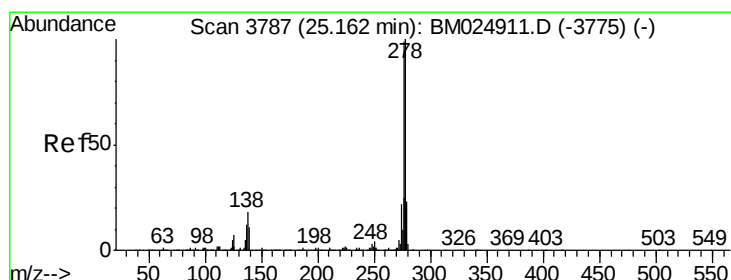
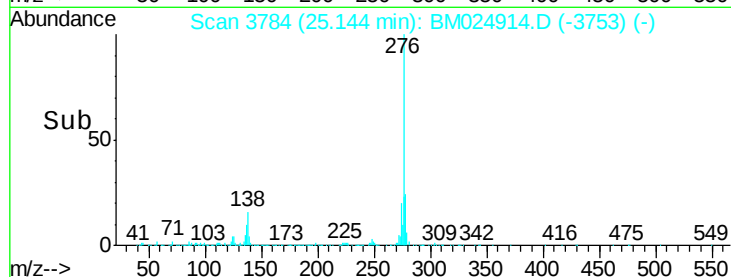
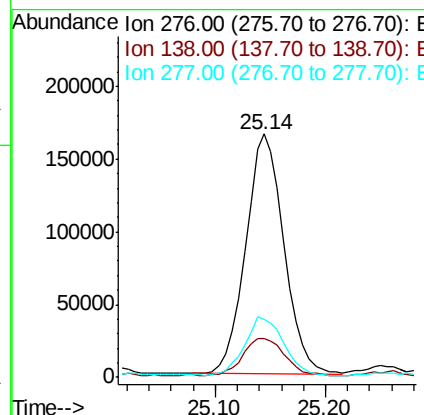
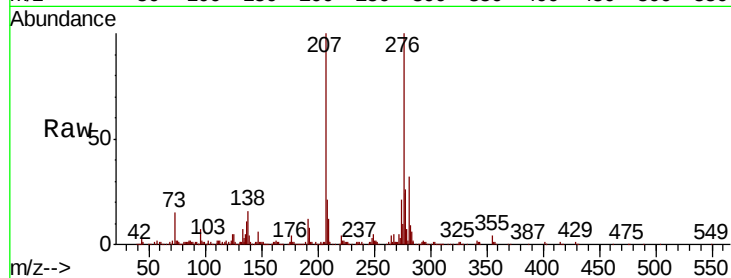
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.569 ng/ul
RT: 25.14 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Instrument :
BNA_M
ClientSampleId :
GAT42DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.8	19.2
277	23.7	19.3	28.9

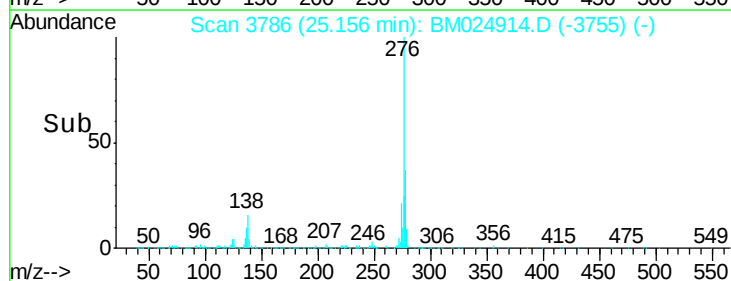
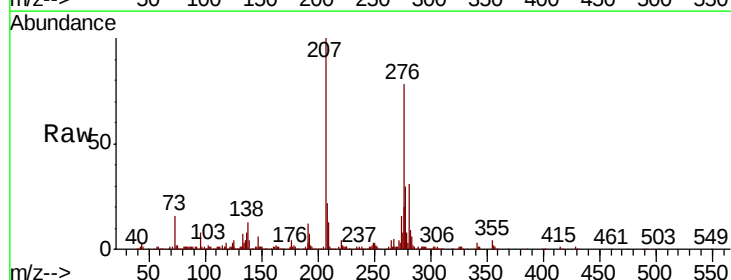
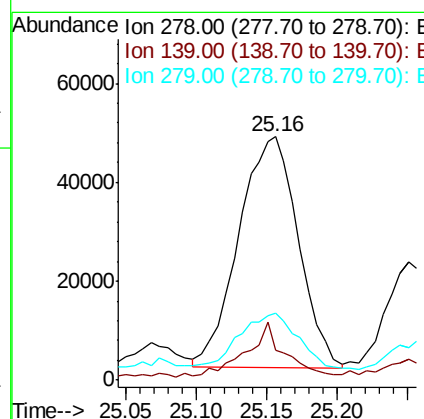
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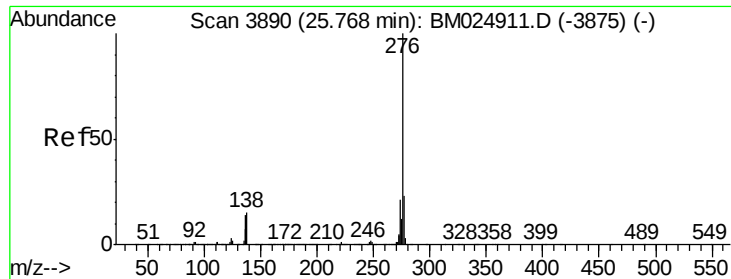
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#93
Dibenzo(a,h)anthracene
Concen: 1.436 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.02 min
Lab File: BM024914.D
Acq: 17 Feb 2020 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	8.4	12.6
279	27.3	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 3.729 ng/ul

RT: 25.76 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BM024914.D

Acq: 17 Feb 2020 19:53

Instrument :

BNA_M

ClientSampleId :

GAT42DL

Tot Ion:	276	Resp:	347854
Ion Ratio	Lower	Upper	
276	100		
138	17.1	11.8	17.6
277	25.8	19.0	28.6

Manual Integrations
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