

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020901.D
 Acq On : 12 Jun 2019 13:37
 Operator : HP/JU
 Sample : K3083-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51G0MS

Manual Integrations
 APPROVED

mohammad
 6/13/2019 9:46:03 AM

Quant Time: Jun 12 16:24:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	348964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1394576	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.45	164	760089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1555689	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1327785	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1606813	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	32084	4.38	ng/uL	0.00
5) Phenol-d5	6.97	99	625061	23.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	372639	23.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	538939	25.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	492705	22.94	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	256410	26.94	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	279394	28.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	523178	25.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	398234	16.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1519409	27.02	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	1886038	26.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	175675	18.21	ng/ul	0.00
57) Fluorene-d10	15.44	176	1243308	26.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	113326	14.25	ng/ul	0.00
70) Anthracene-d10	17.29	188	1717776	25.28	ng/ul	0.00
78) Pyrene-d10	19.58	212	1767490	27.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1895956	25.96	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.99	94	573077	20.850	ng/ul	99
10) 2-Chlorophenol	7.37	128	471425	21.552	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.61	70	378234	21.645	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	445865	21.377	ng/ul	98
44) Dimethylphthalate	13.90	163	1026697	18.237	ng/ul	99
49) Acenaphthene	14.50	153	1132539	23.522	ng/ul	99
52) 4-Nitrophenol	14.66	109	132148	16.707	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	350671	22.970	ng/ul	96
68) Pentachlorophenol	16.83	266	219553	20.201	ng/ul	98
69) Phenanthrene	17.23	178	196307	2.507	ng/ul	99
76) Fluoranthene	19.24	202	634491	7.072	ng/ul	98
79) Pyrene	19.61	202	2564432	31.288	ng/ul	97
82) Benzo(a)anthracene	21.36	228	218937	2.643	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	75125	1.333	ng/ul	96
84) Chrysene	21.40	228	303659	3.951	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	497804	5.326	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	152924m	1.712	ng/ul	
90) Benzo(a)pyrene	23.56	252	295832	3.327	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.96	276	258785	2.464	ng/ul#	95
93) Benzo(g,h,i)perylene	26.67	276	247854	2.909	ng/ul	97

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

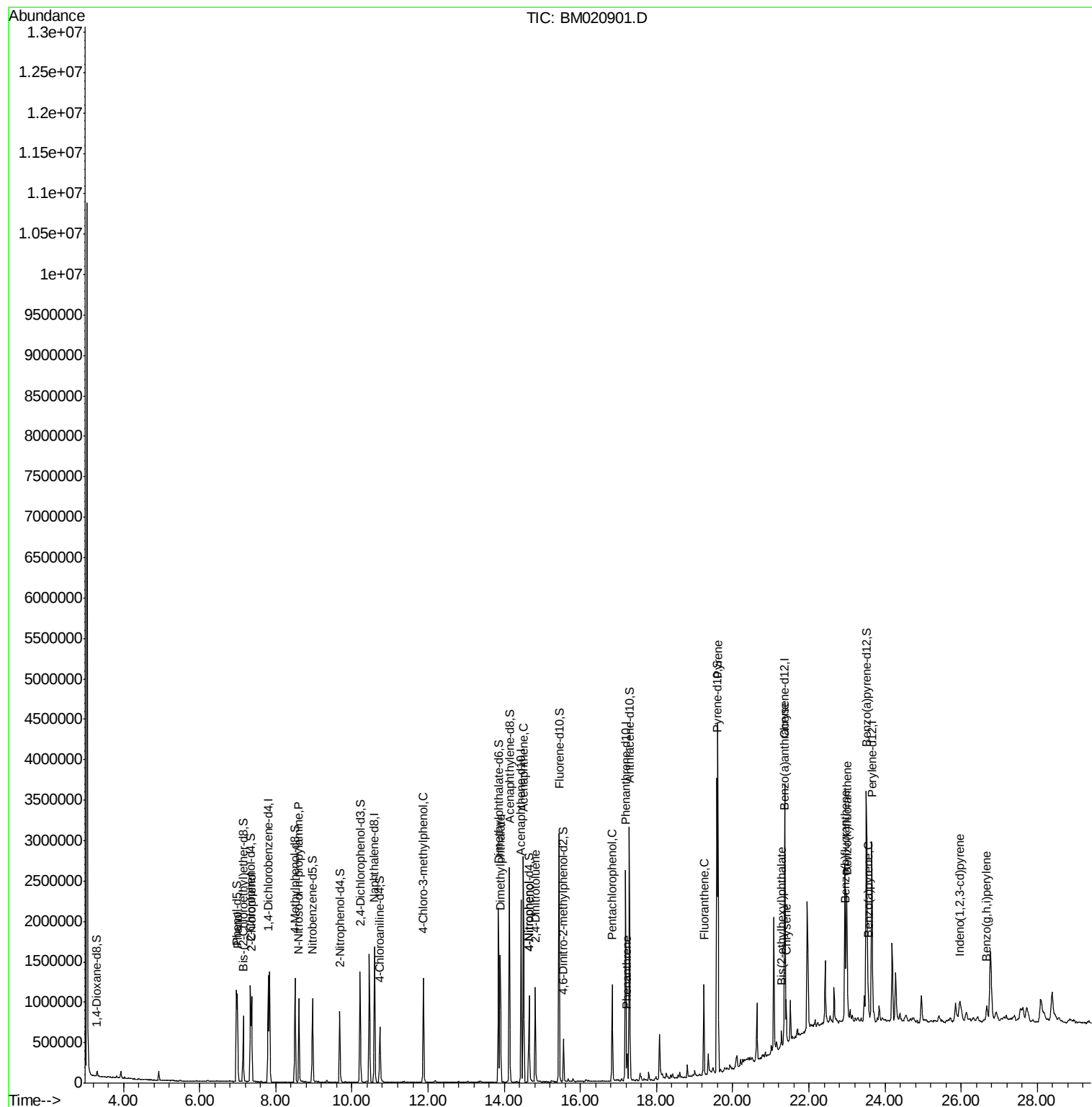
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020901.D
Acq On : 12 Jun 2019 13:37
Operator : HP/JU
Sample : K3083-16MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

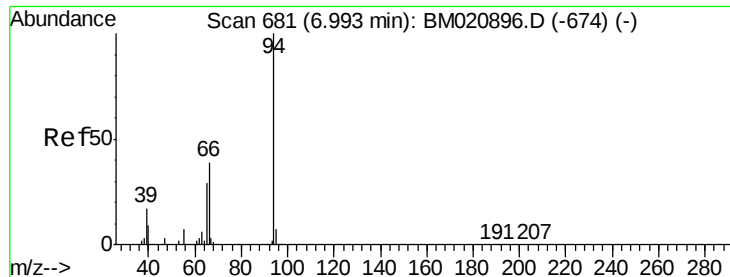
Instrument :
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#6

Phenol

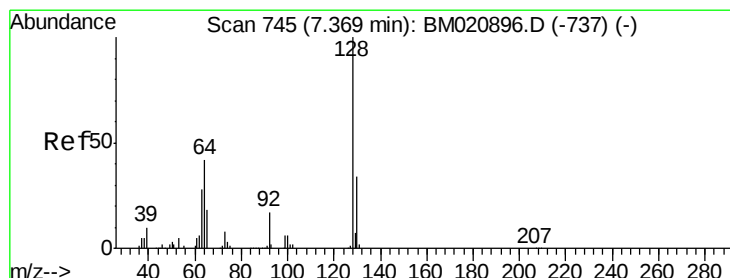
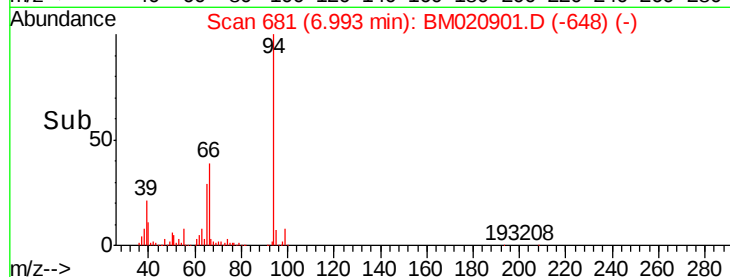
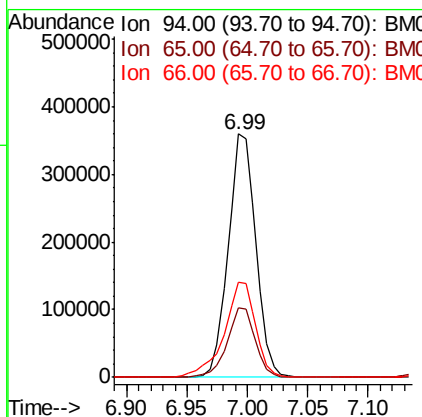
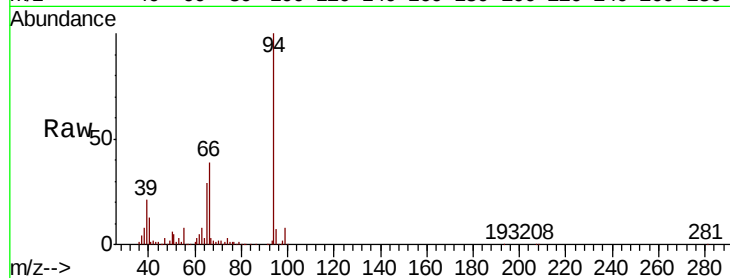
Concen: 20.850 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM020901.D
 Acq: 12 Jun 2019 13:37

Instrument :
 BNA_M
 ClientSampleId :
 A51G0MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.3	34.9
66	39.2	32.1	48.1

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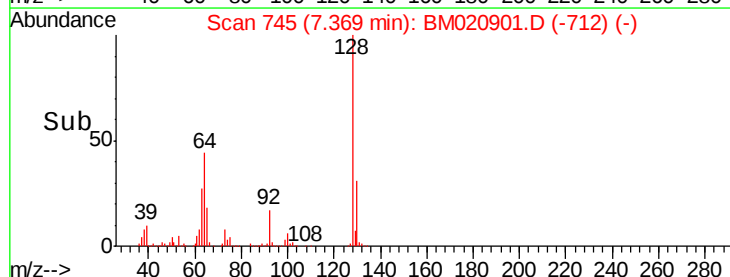
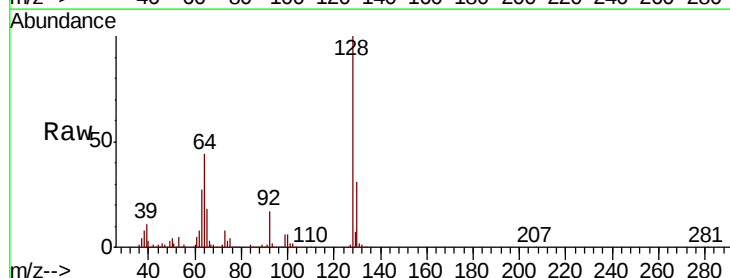
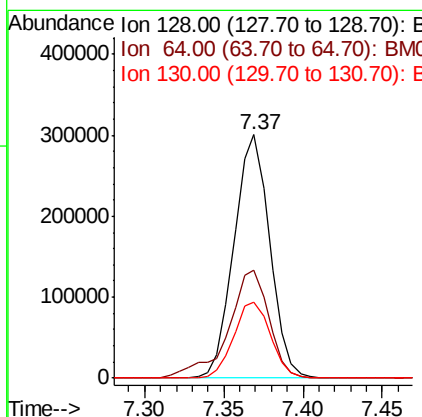


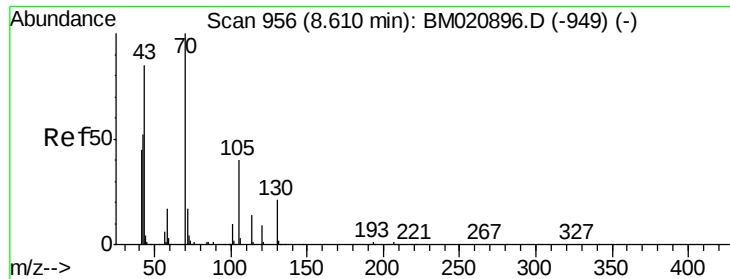
#10

2-Chlorophenol

Concen: 21.552 ng/ul
 RT: 7.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BM020901.D
 Acq: 12 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.3	39.0	58.4
130	31.4	27.5	41.3





#15

N-Nitroso-di-n-propylamine

Concen: 21.645 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

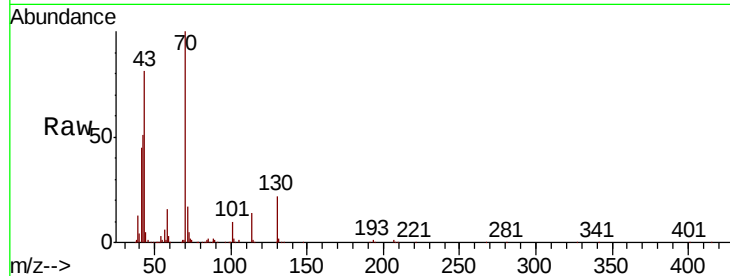
ClientSampleId :

A51G0MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	43.6	65.4	
101	9.8	8.2	12.2	
130	22.1	15.8	23.8	

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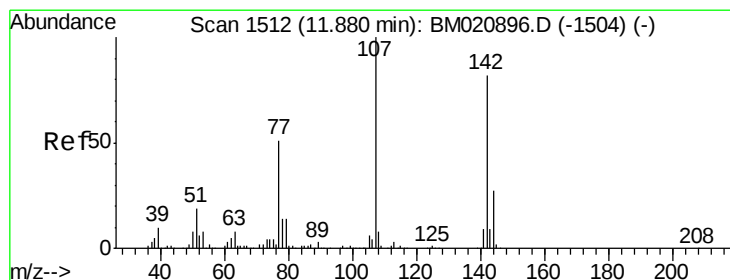
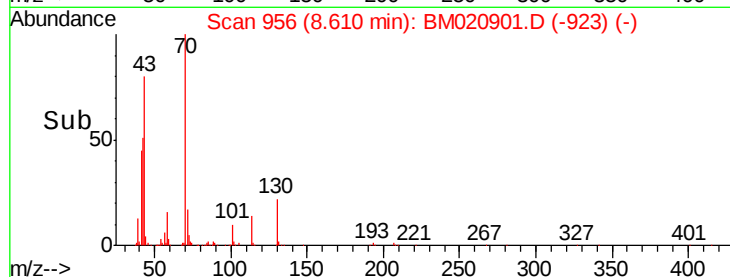
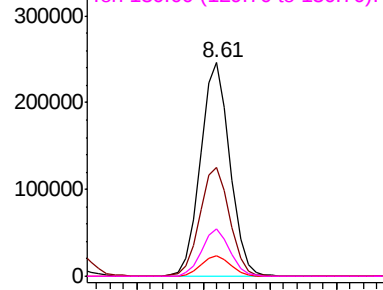
Abundance

Ion 70.00 (69.70 to 70.70): BM020896.D (-949) (-)

Ion 42.00 (41.70 to 42.70): BM020896.D (-949) (-)

Ion 101.00 (100.70 to 101.70): BM020896.D (-949) (-)

Ion 130.00 (129.70 to 130.70): BM020896.D (-949) (-)



#33

4-Chloro-3-methylphenol

Concen: 21.377 ng/ul

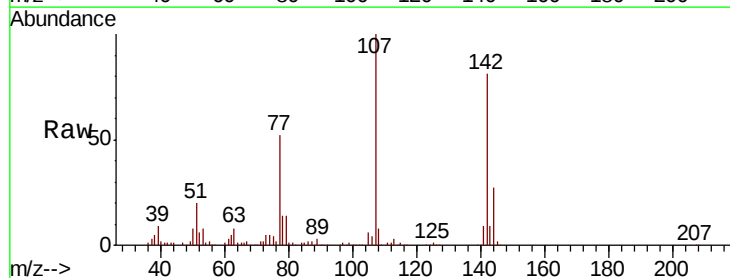
RT: 11.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.9	21.3	31.9	
142	81.4	63.2	94.8	

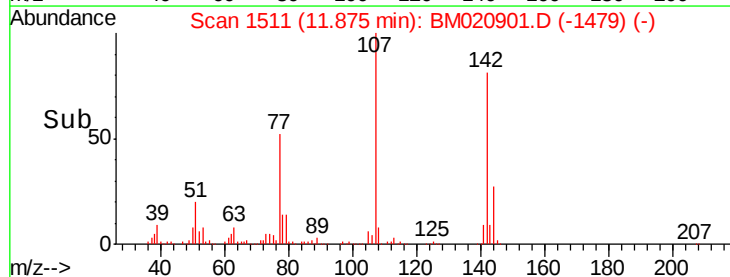
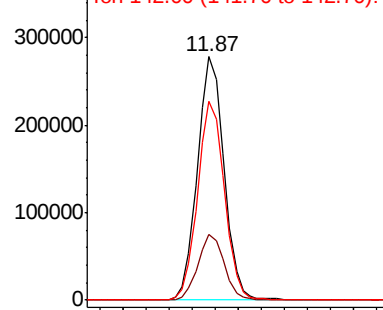


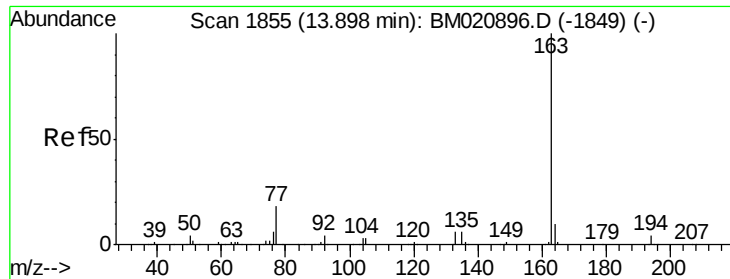
Abundance

Ion 107.00 (106.70 to 107.70): BM020896.D (-1504) (-)

Ion 144.00 (143.70 to 144.70): BM020896.D (-1504) (-)

Ion 142.00 (141.70 to 142.70): BM020896.D (-1504) (-)





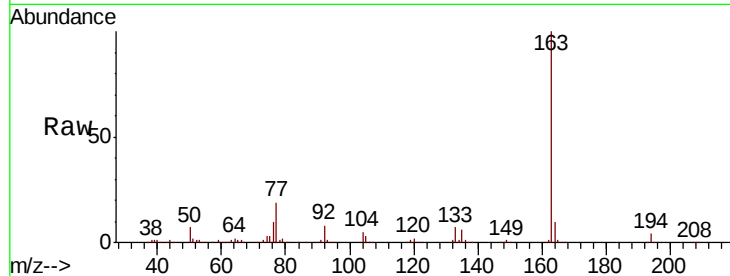
#44
Dimethylphthalate
Concen: 18.237 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM020901.D
Acq: 12 Jun 2019 13:37

Instrument :
BNA_M
ClientSampleId :
A51G0MS

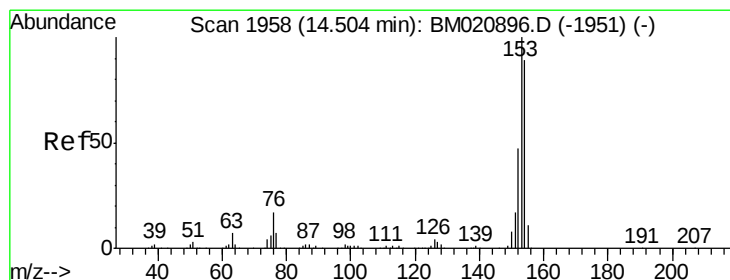
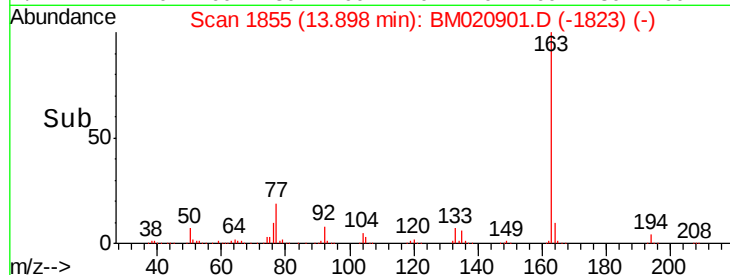
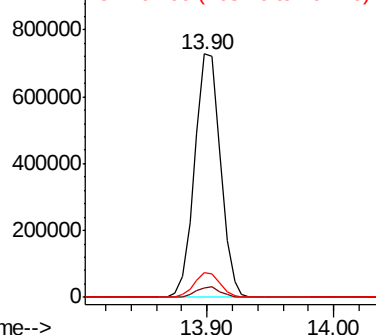
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	8.0	12.0

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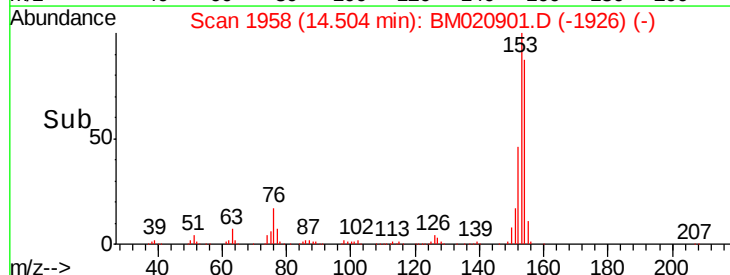
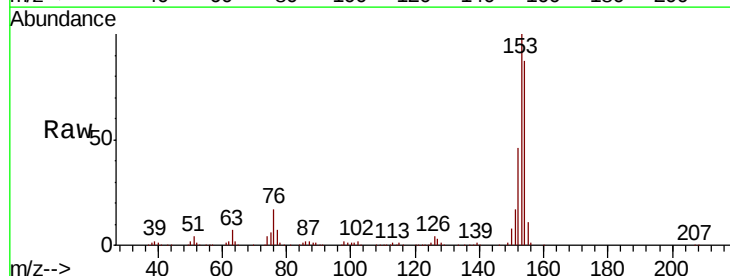
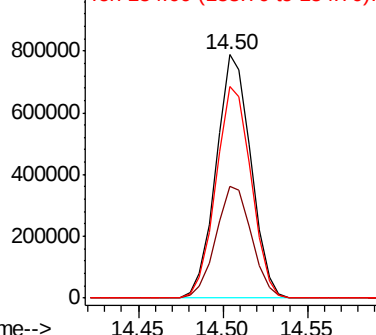
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

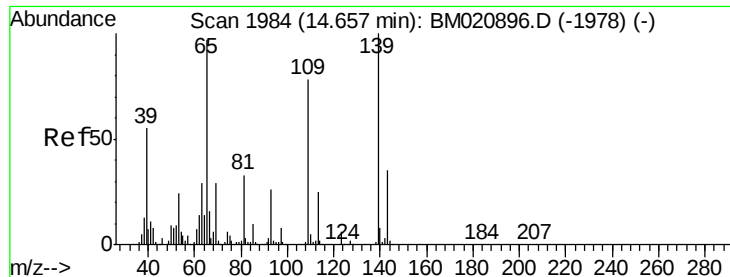


#49
Acenaphthene
Concen: 23.522 ng/ul
RT: 14.50 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BM020901.D
Acq: 12 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.3	55.9
154	87.1	68.7	103.1

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.707 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

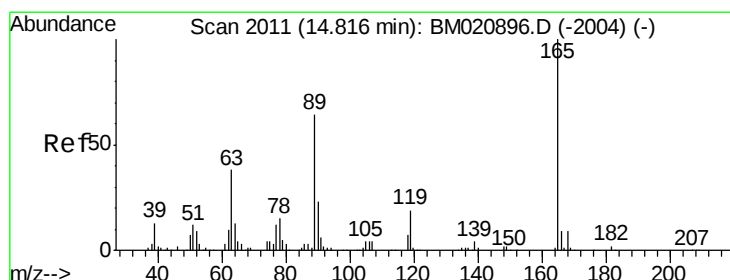
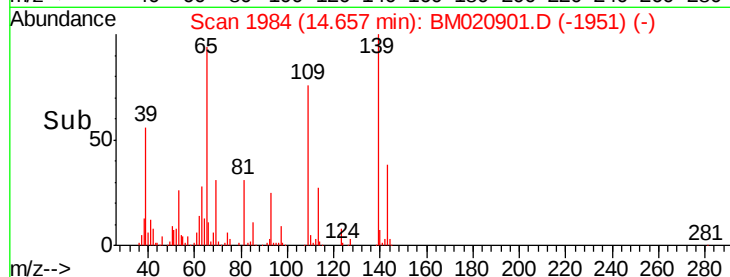
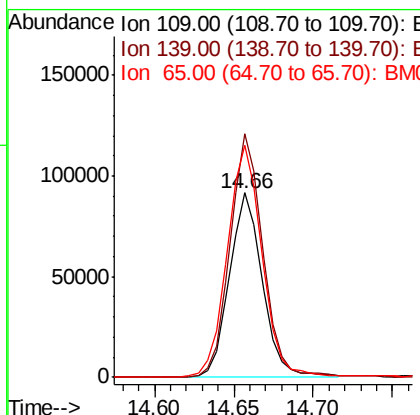
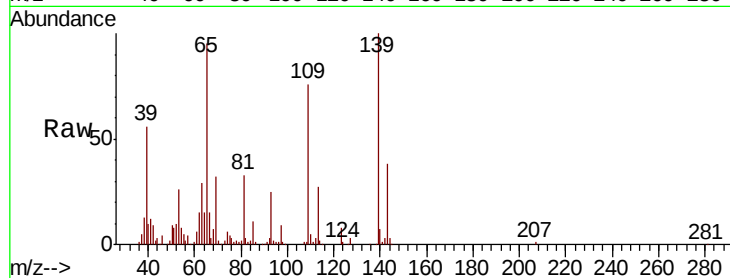
ClientSampleId :

A51G0MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	132.1	105.9	158.9
65	125.7	106.2	159.4

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#54

2,4-Dinitrotoluene

Concen: 22.970 ng/ul

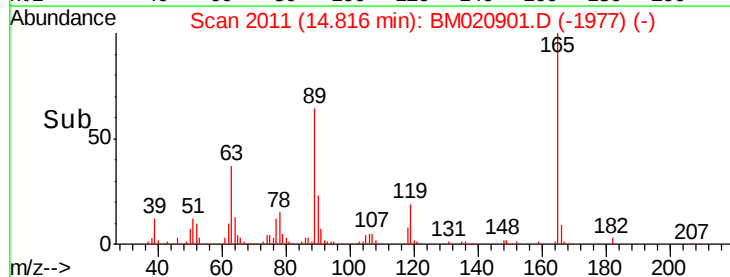
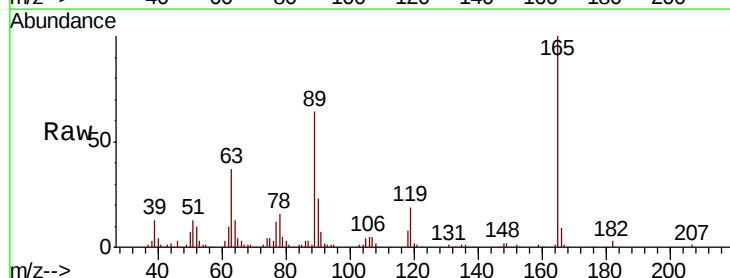
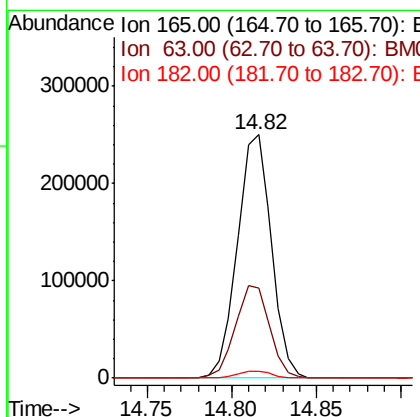
RT: 14.82 min Scan# 2011

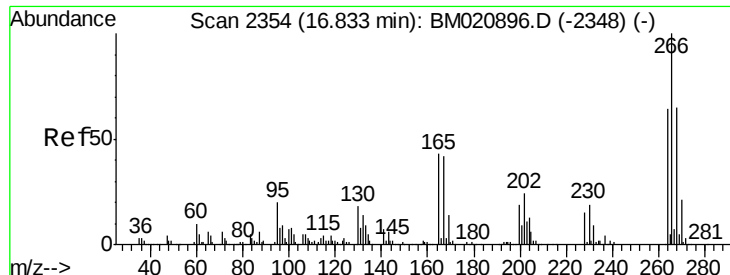
Delta R.T. 0.00 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	31.7	47.5
182	3.0	2.2	3.4





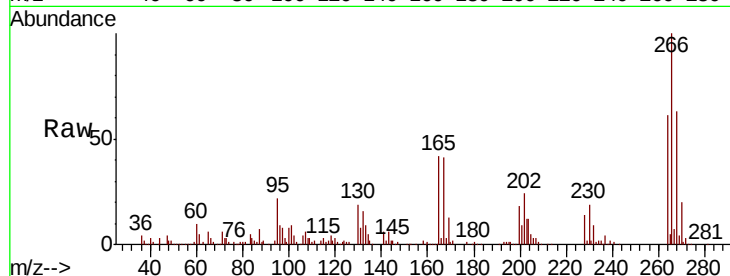
#68
 Pentachlorophenol
 Concen: 20.201 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BM020901.D
 Acq: 12 Jun 2019 13:37

Instrument :
 BNA_M
 ClientSampleId :
 A51G0MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219553		
264	61.3	50.3	75.5	
268	63.1	51.2	76.8	

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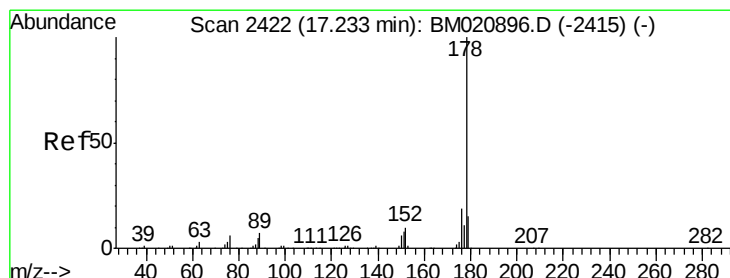
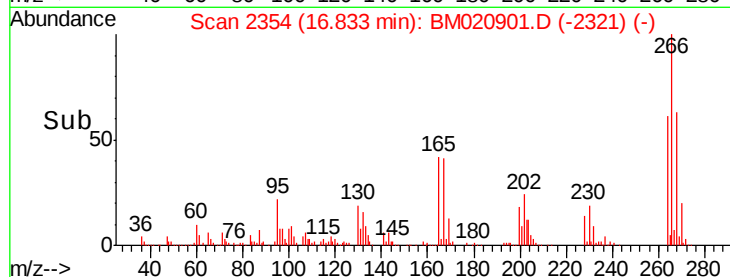
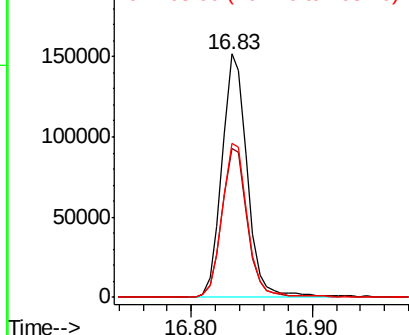


Abundance

Ion 265.70 (265.40 to 266.40): E

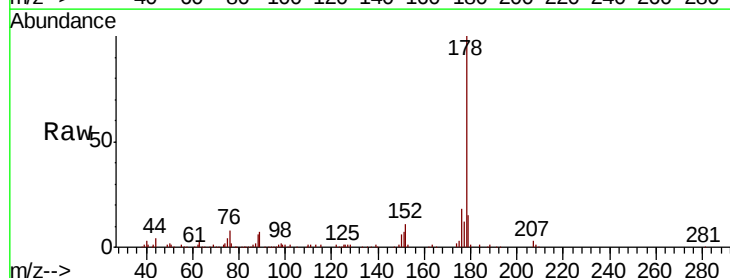
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 2.507 ng/ul
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM020901.D
 Acq: 12 Jun 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	196307		
179	15.2	12.3	18.5	
176	18.1	14.8	22.2	

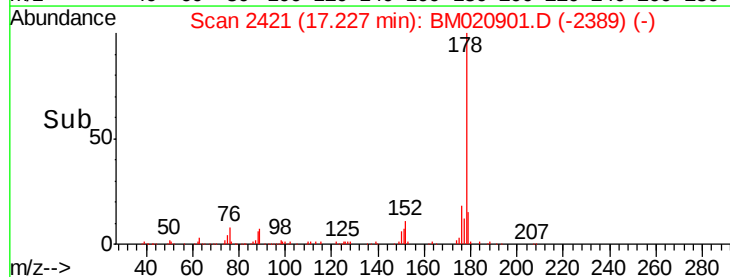
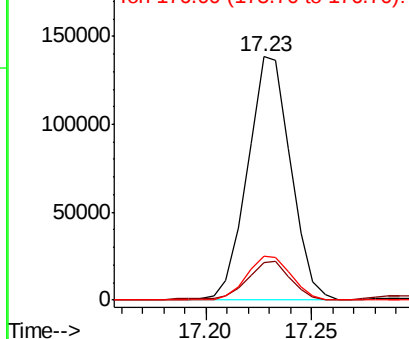


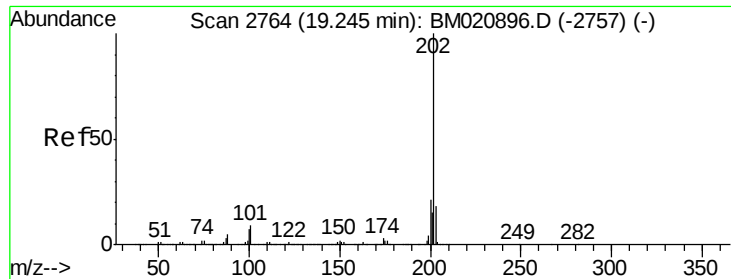
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 7.072 ng/ul

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

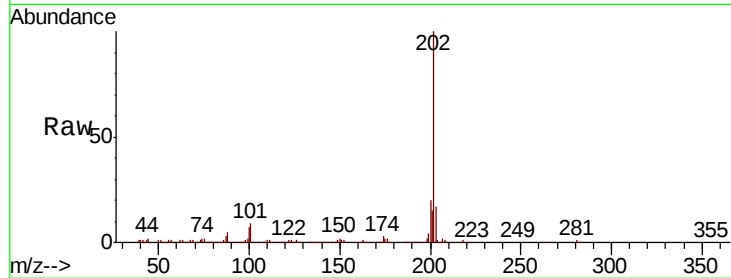
ClientSampleId :

A51G0MS

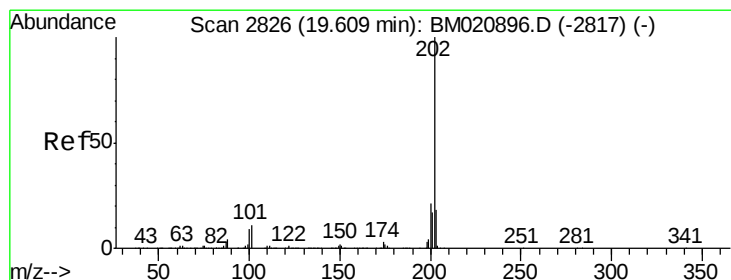
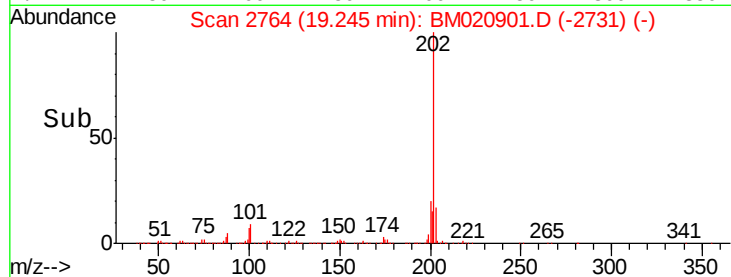
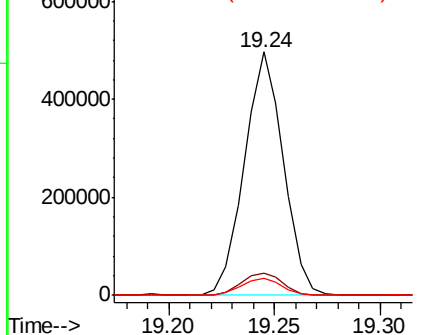
Tot Ion:	202	Resp:	634491
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.9	11.9
100	6.9	6.2	9.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 31.288 ng/ul

RT: 19.61 min Scan# 2826

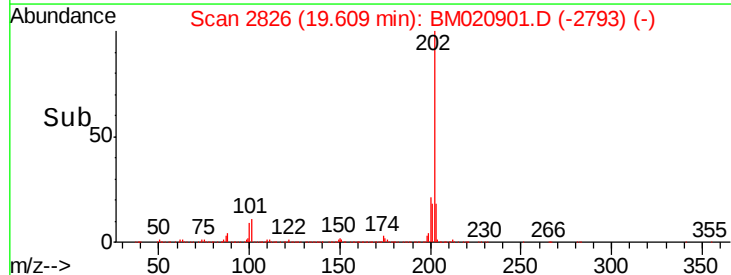
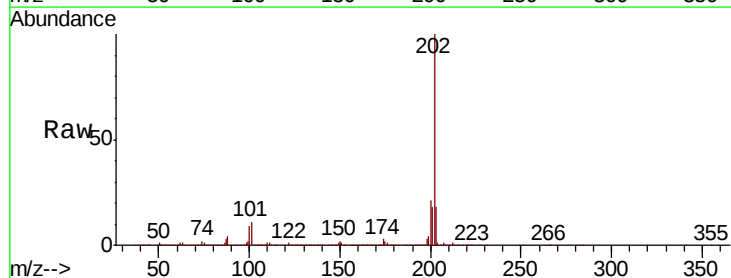
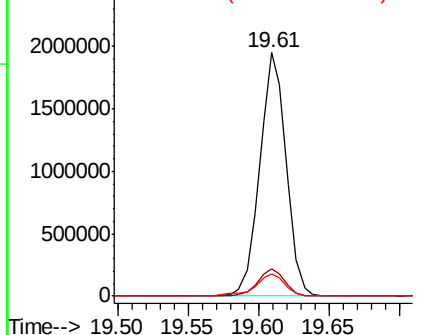
Delta R.T. -0.01 min

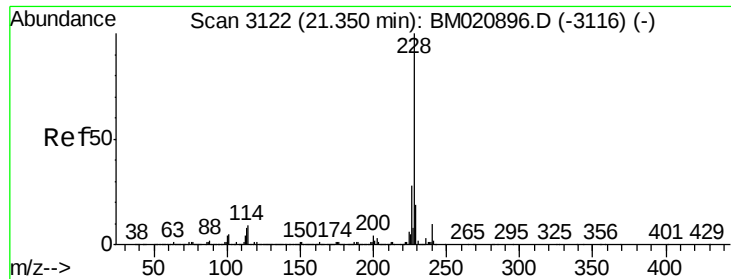
Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion:	202	Resp:	2564432
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.6
100	9.1	8.0	12.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.643 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

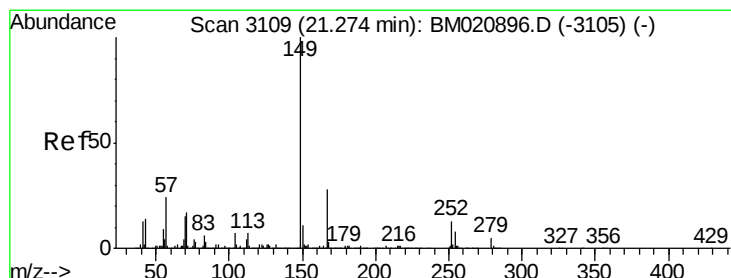
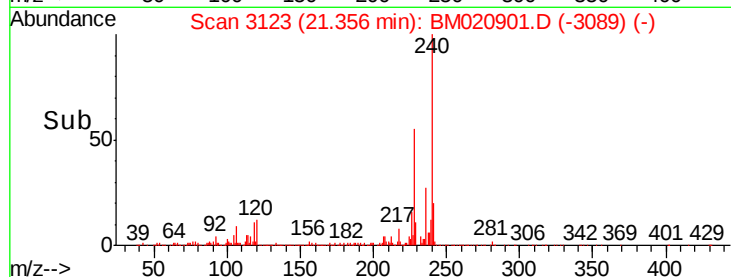
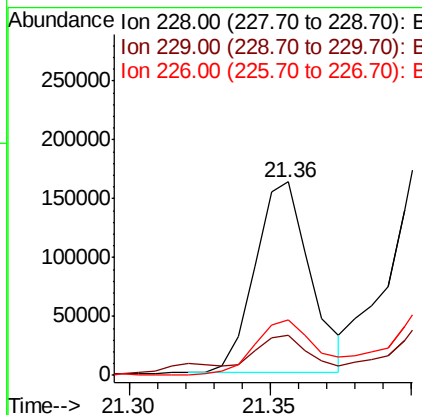
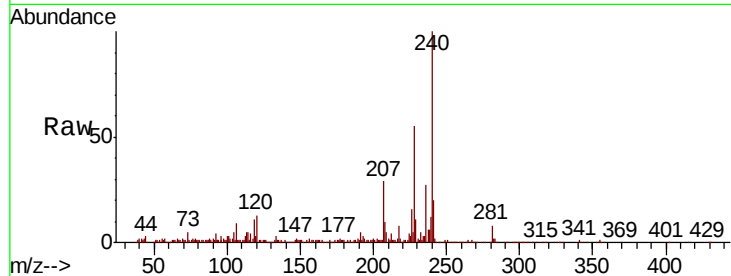
ClientSampleId :

A51G0MS

Tot Ion:	228	Resp:	218937
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.4	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.333 ng/ul

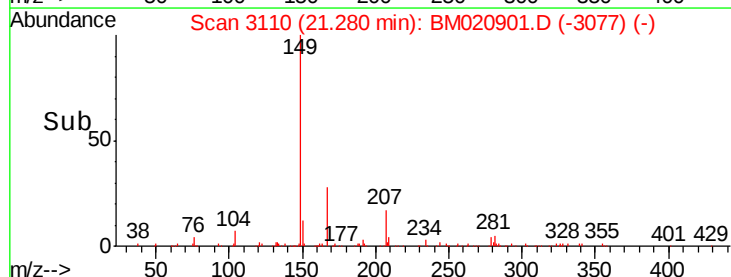
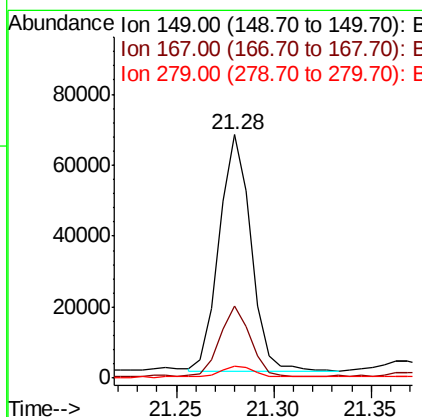
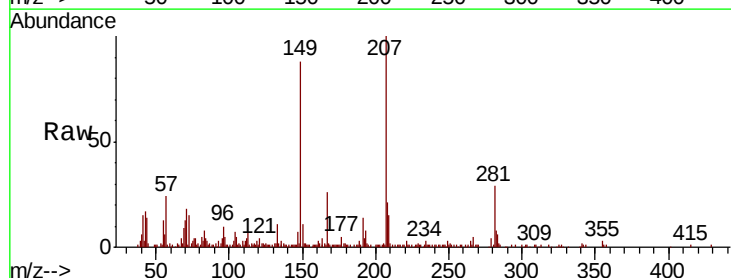
RT: 21.28 min Scan# 3110

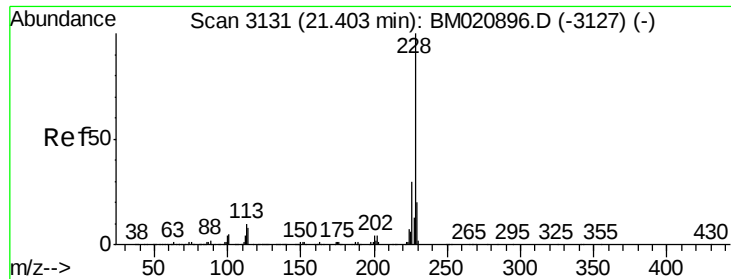
Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion:	149	Resp:	75125
Ion Ratio	Lower	Upper	
149	100		
167	29.5	21.9	32.9
279	4.8	4.1	6.1





#84

Chrysene

Concen: 3.951 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

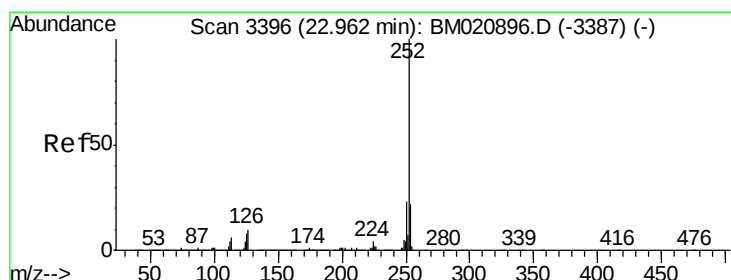
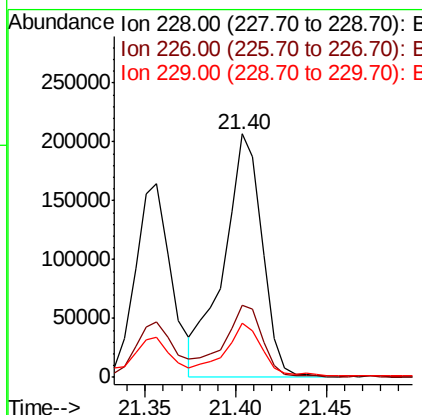
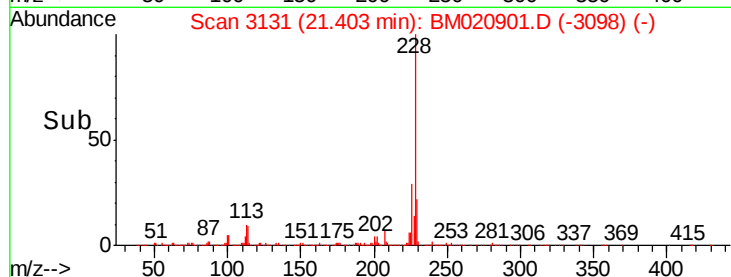
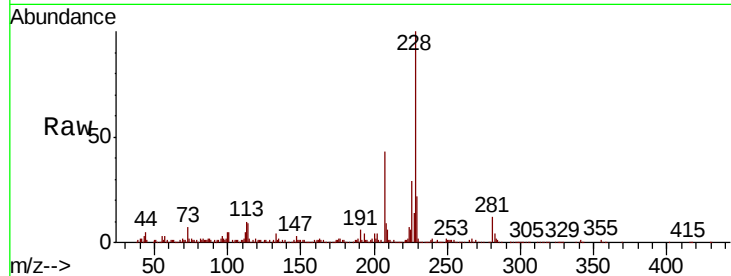
ClientSampleId :

A51G0MS

Tot Ion:	228	Resp:	303659
Ion Ratio		Lower	Upper
228	100		
226	29.4	24.4	36.6
229	22.1	16.2	24.2

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#87

Benzo(b)fluoranthene

Concen: 5.326 ng/ul

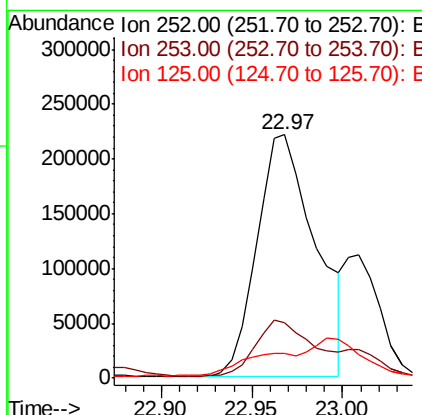
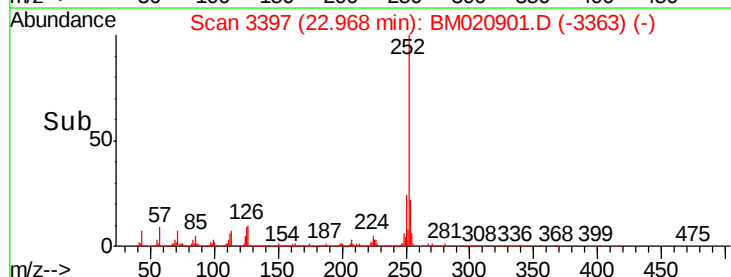
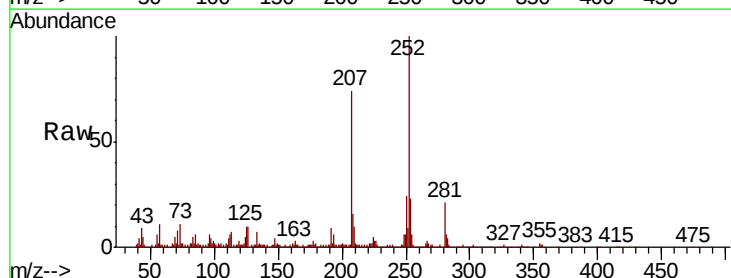
RT: 22.97 min Scan# 3397

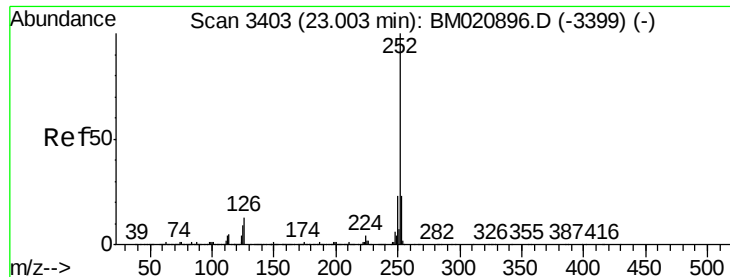
Delta R.T. 0.00 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion:	252	Resp:	497804
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.6	26.4
125	10.3	7.3	10.9





#88

Benzo(k)fluoranthene

Concen: 1.712 ng/ul m

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Instrument :

BNA_M

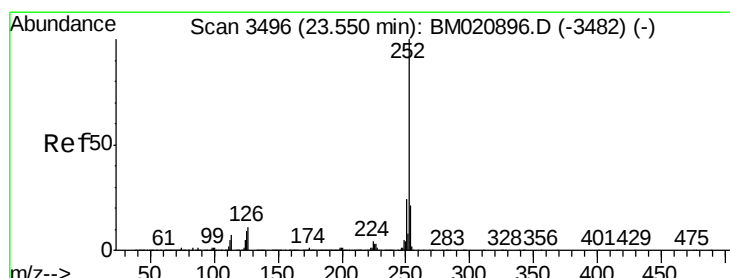
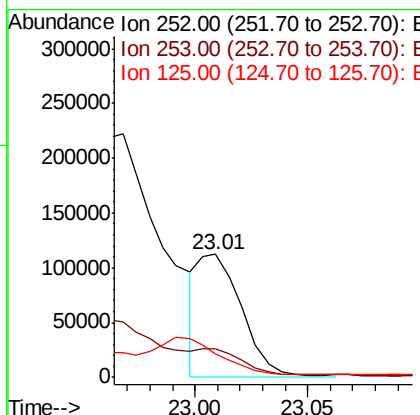
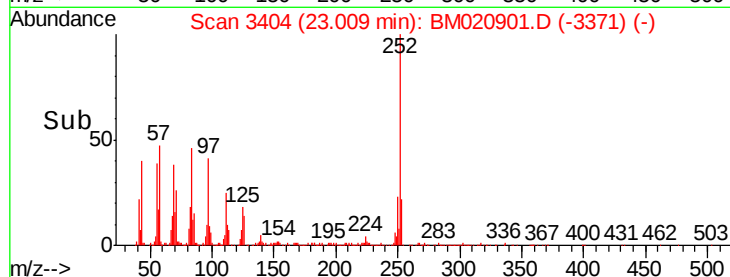
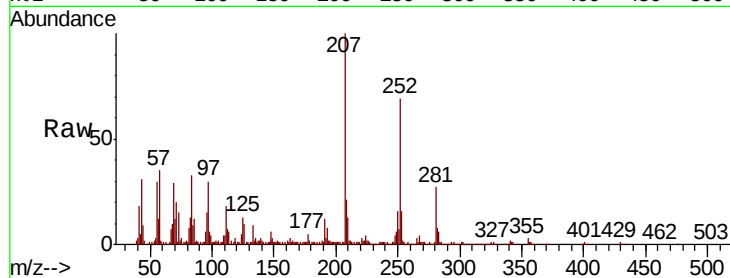
ClientSampleId :

A51G0MS

Tot Ion:	252	Resp:	152924
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	19.5	7.3	10.9#

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#90

Benzo(a)pyrene

Concen: 3.327 ng/ul

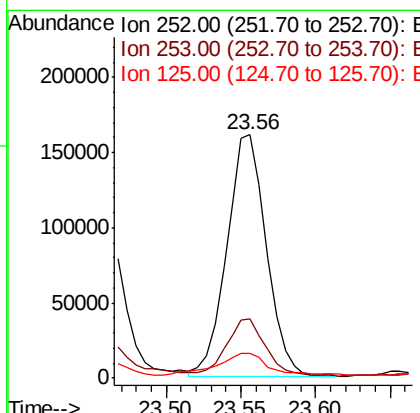
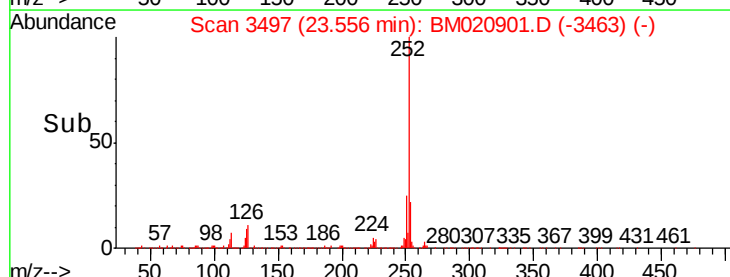
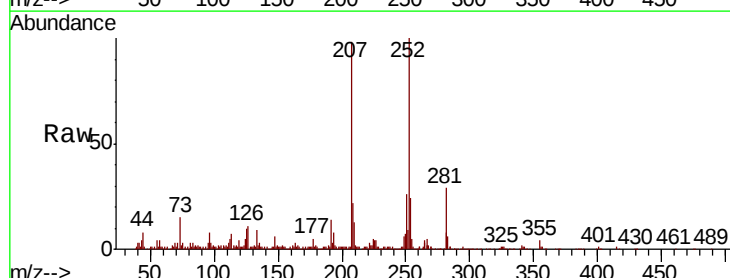
RT: 23.56 min Scan# 3497

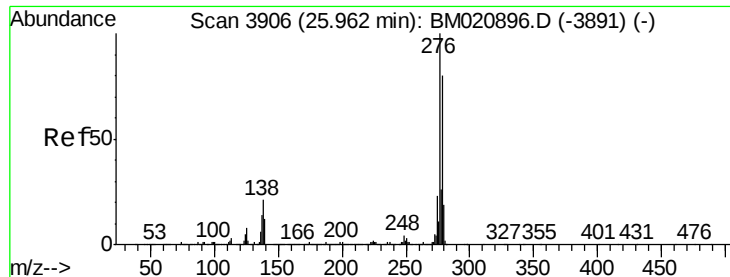
Delta R.T. 0.00 min

Lab File: BM020901.D

Acq: 12 Jun 2019 13:37

Tgt Ion:	252	Resp:	295832
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.0	25.6
125	10.2	8.2	12.4





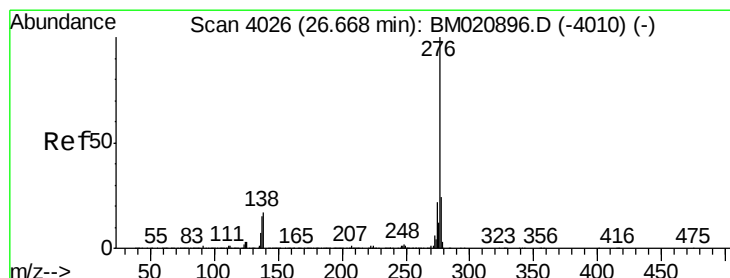
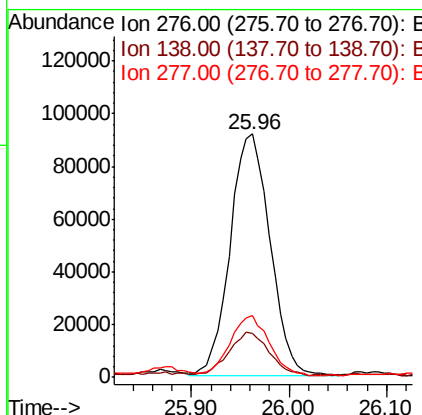
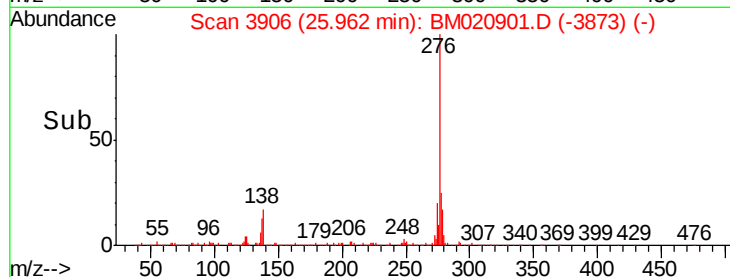
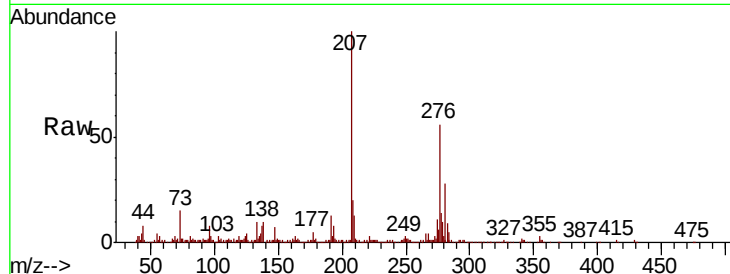
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.464 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM020901.D
Acq: 12 Jun 2019 13:37

Instrument :
BNA_M
ClientSampleId :
A51G0MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.8#
277	25.3	20.0	30.0

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#93
Benzo(g,h,i)perylene
Concen: 2.909 ng/ul
RT: 26.67 min Scan# 4026
Delta R.T. -0.02 min
Lab File: BM020901.D
Acq: 12 Jun 2019 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.6	25.0
277	25.0	19.6	29.4

