

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020902.D
 Acq On : 12 Jun 2019 14:13
 Operator : HP/JU
 Sample : K3083-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51G0MSD

Manual Integrations
 APPROVED

mohammad
 6/13/2019 9:46:06 AM

Quant Time: Jun 12 16:27:06 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	321626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1248049	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	661615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1367953	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1251054	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1460902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	31922	4.73	ng/uL	0.00
5) Phenol-d5	6.97	99	604968	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	375042	25.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	520310	26.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	475104	24.00	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	249298	29.27	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	272275	31.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	500560	27.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	378922	17.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1443259	29.49	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1774410	28.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	165641	19.72	ng/ul	0.00
57) Fluorene-d10	15.44	176	1161069	27.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	107148	15.32	ng/ul	0.00
70) Anthracene-d10	17.29	188	1628483	27.25	ng/ul	0.00
78) Pyrene-d10	19.58	212	1751230	28.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1872310	28.20	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	561669	22.172	ng/ul 99
10) 2-Chlorophenol	7.37	128	462569	22.945	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.61	70	368484	22.879	ng/ul 98
33) 4-Chloro-3-methylphenol	11.87	107	417118	22.347	ng/ul 99
44) Dimethylphthalate	13.90	163	975497	19.907	ng/ul 99
49) Acenaphthene	14.50	153	1054239	25.155	ng/ul 98
52) 4-Nitrophenol	14.66	109	123976	18.007	ng/ul 97
54) 2,4-Dinitrotoluene	14.82	165	324393	24.411	ng/ul 97
68) Pentachlorophenol	16.83	266	211019	22.080	ng/ul 98
69) Phenanthrene	17.23	178	184444	2.679	ng/ul 99
76) Fluoranthene	19.24	202	628099	7.961	ng/ul 99
79) Pyrene	19.61	202	2540950	32.903	ng/ul 98
82) Benzo(a)anthracene	21.36	228	221142	2.834	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.28	149	78713	1.483	ng/ul 98
84) Chrysene	21.40	228	307902	4.252	ng/ul 98
87) Benzo(b)fluoranthene	22.96	252	498374	5.864	ng/ul 96
88) Benzo(k)fluoranthene	23.01	252	150345m	1.851	ng/ul
90) Benzo(a)pyrene	23.56	252	289459	3.580	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.96	276	251875	2.638	ng/ul# 95
93) Benzo(g,h,i)perylene	26.67	276	238936	3.084	ng/ul 96

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

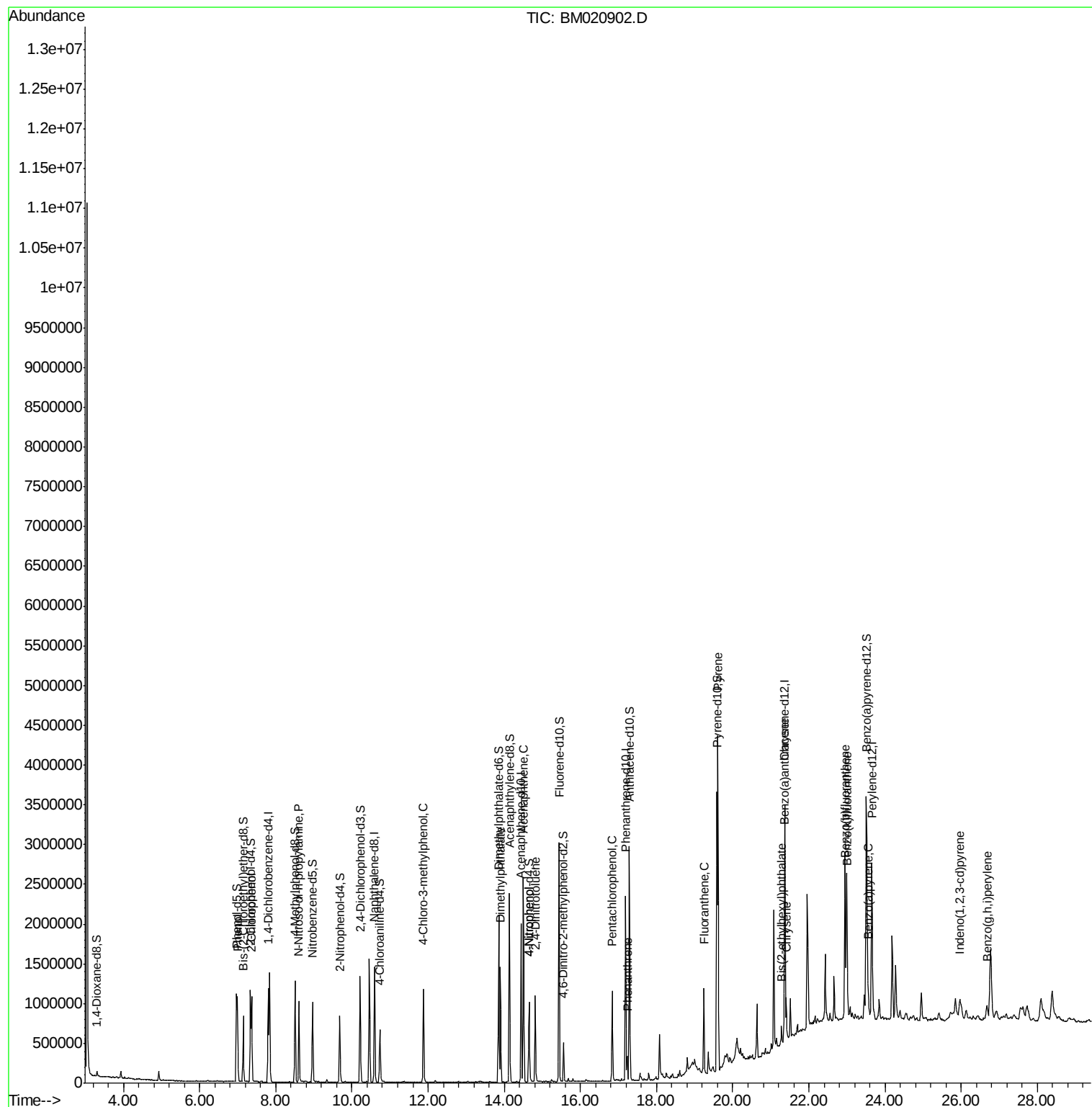
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020902.D
Acq On : 12 Jun 2019 14:13
Operator : HP/JU
Sample : K3083-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

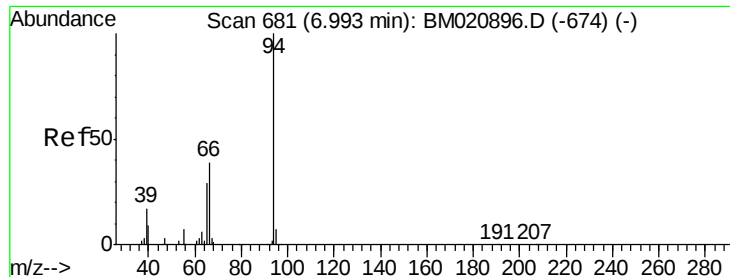
Instrument :
BNA_M
ClientSampleId :
A51G0MSD

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Quant Time: Jun 12 16:27:06 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





#6

Phenol

Concen: 22.172 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Instrument :

BNA_M

ClientSampleId :

A51G0MSD

Tot Ion: 94 Resp: 561669

Ion Ratio Lower Upper

94 100

65 28.5 23.3 34.9

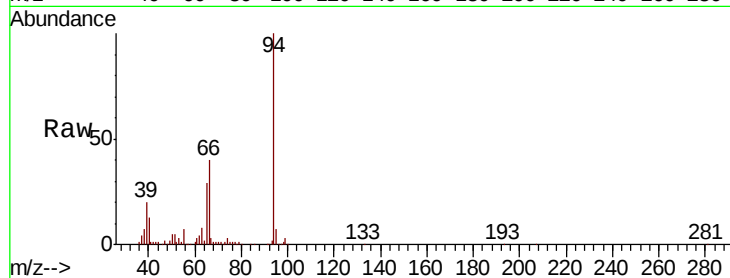
66 39.8 32.1 48.1

Manual Integrations

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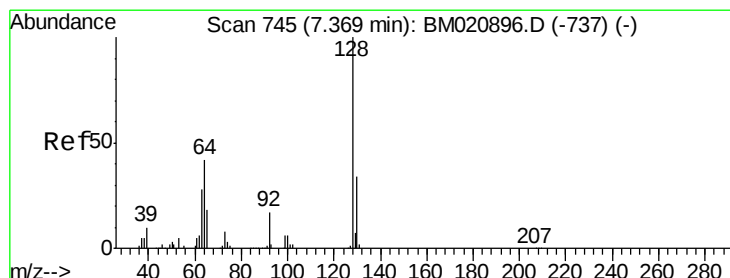
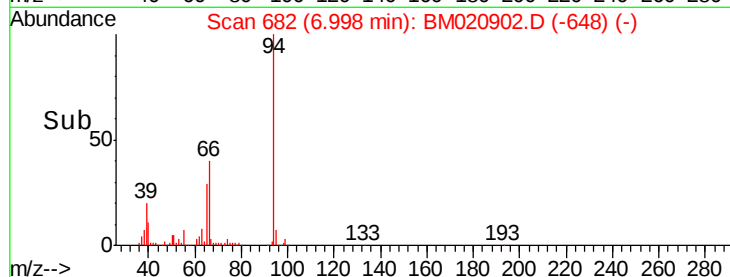
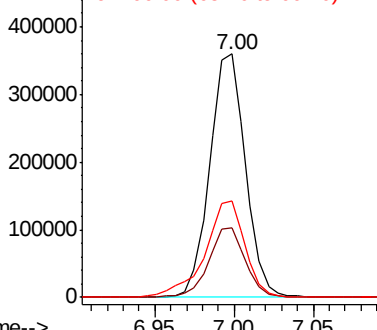


Abundance

Ion 94.00 (93.70 to 94.70): BM020902.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM020902.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM020902.D (-674) (-)



#10

2-Chlorophenol

Concen: 22.945 ng/ul

RT: 7.37 min Scan# 745

Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

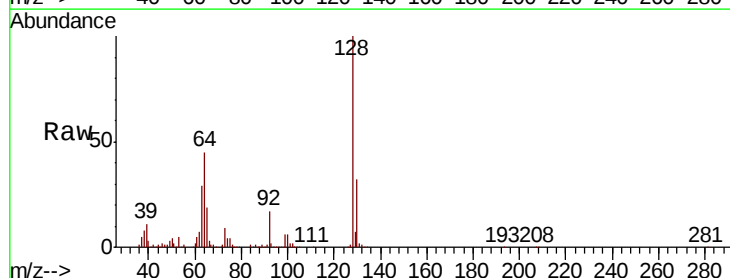
Tgt Ion: 128 Resp: 462569

Ion Ratio Lower Upper

128 100

64 45.4 39.0 58.4

130 32.1 27.5 41.3

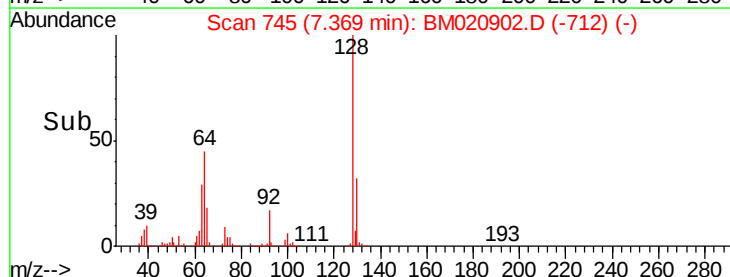
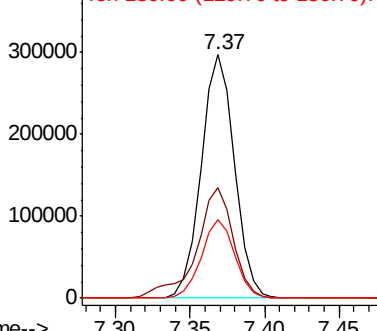


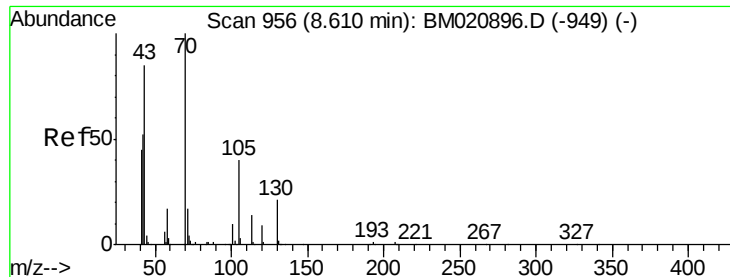
Abundance

Ion 128.00 (127.70 to 128.70): BM020902.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM020902.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM020902.D (-737) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.879 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Instrument :

BNA_M

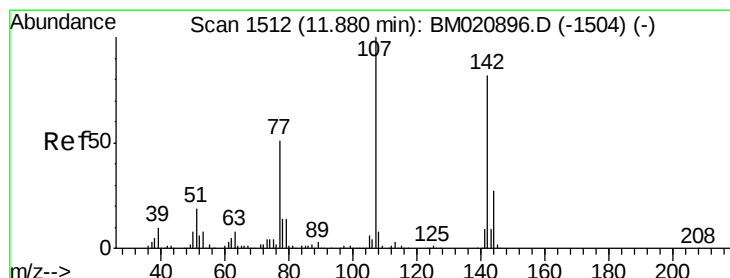
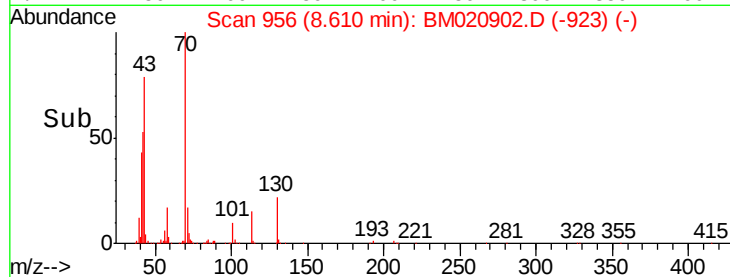
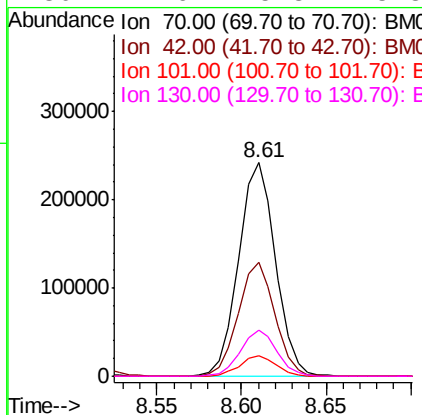
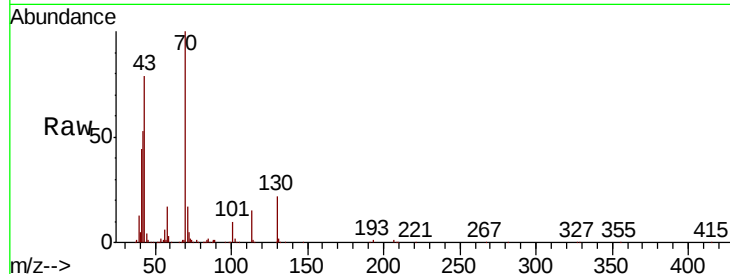
ClientSampleId :

A51G0MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	43.6	65.4	
101	9.6	8.2	12.2	
130	21.6	15.8	23.8	

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#33

4-Chloro-3-methylphenol

Concen: 22.347 ng/ul

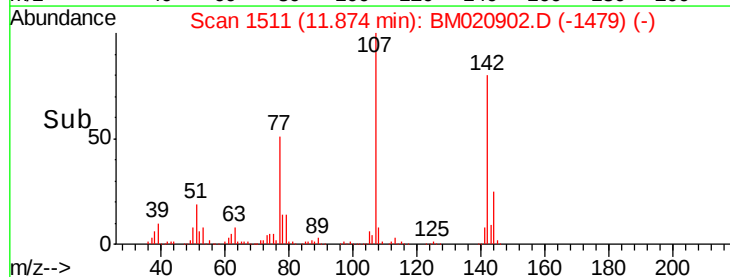
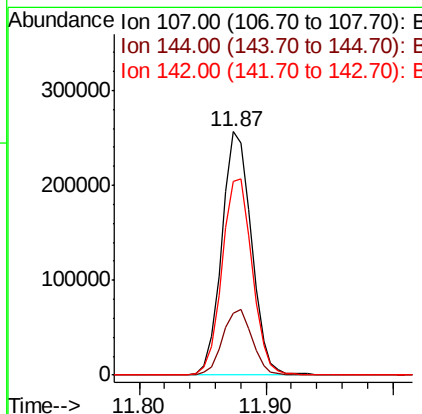
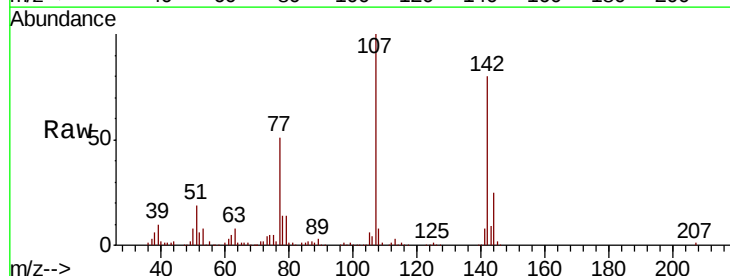
RT: 11.87 min Scan# 1511

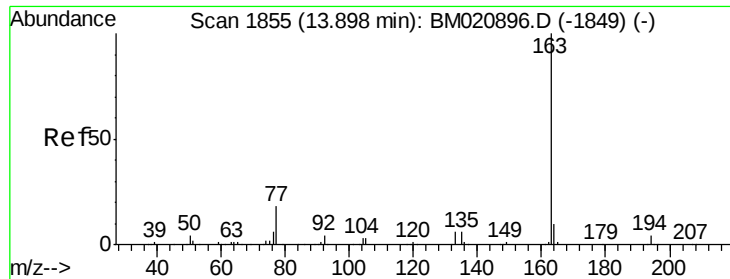
Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.5	21.3	31.9	
142	79.6	63.2	94.8	





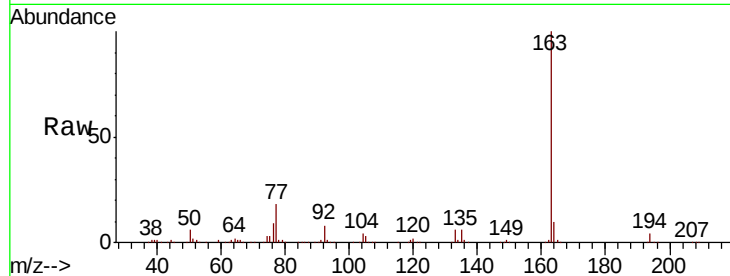
#44
Dimethylphthalate
Concen: 19.907 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Instrument :
BNA_M
ClientSampleId :
A51G0MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	8.0	12.0

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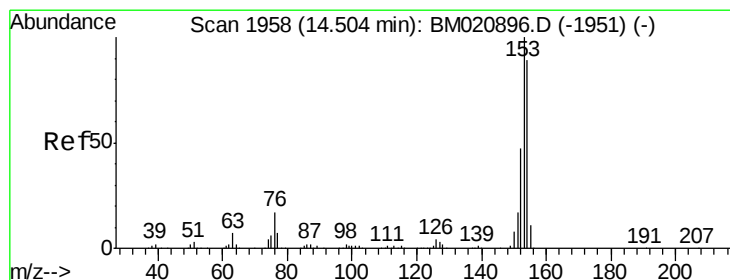
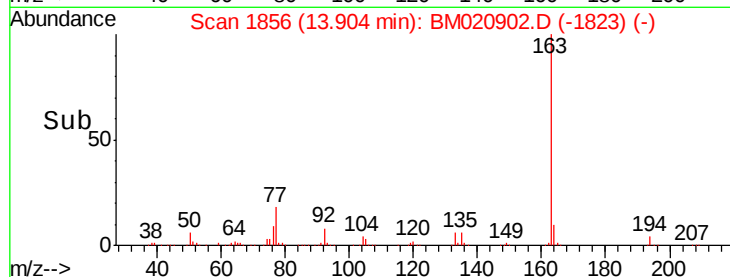
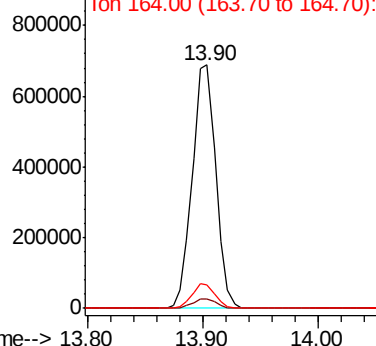


Abundance

Ion 163.00 (162.70 to 163.70): E

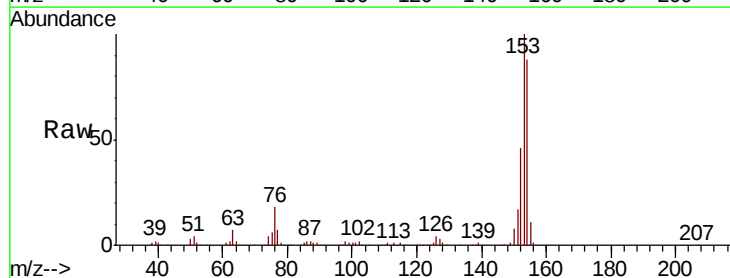
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 25.155 ng/ul
RT: 14.50 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.3	55.9
154	87.9	68.7	103.1

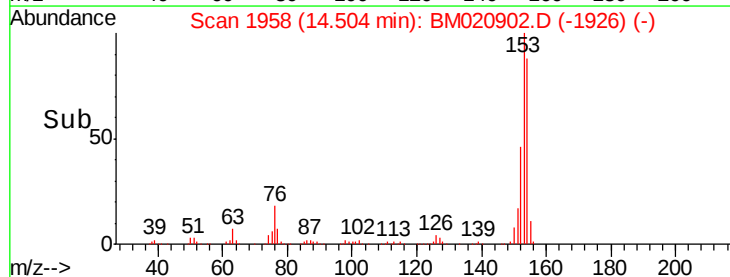
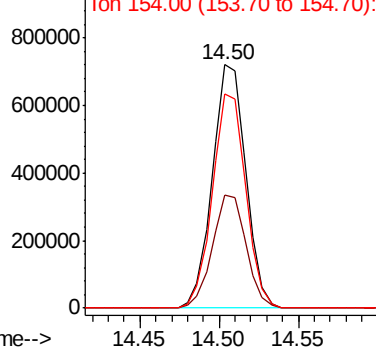


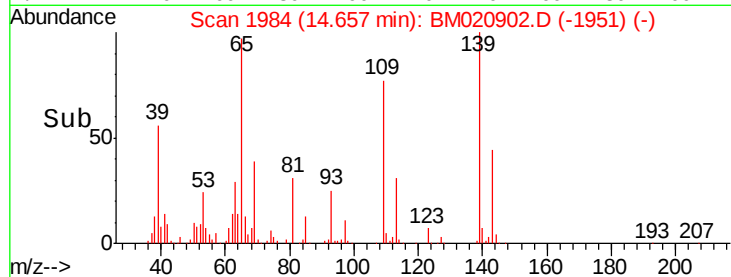
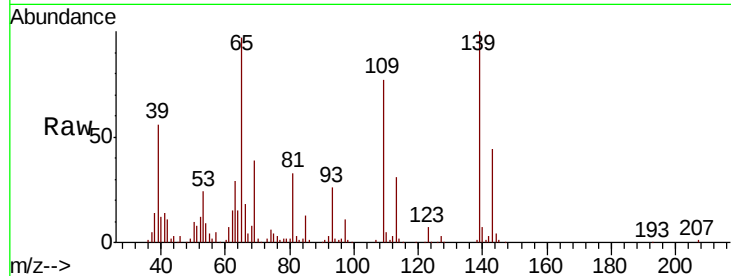
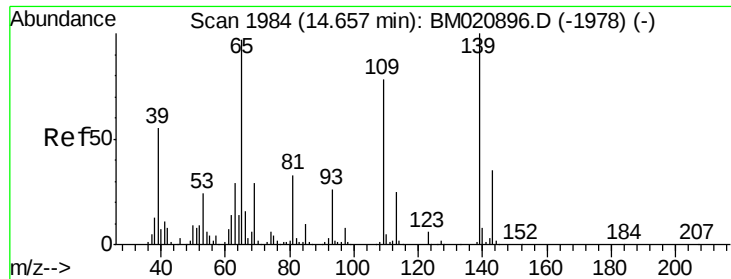
Abundance

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





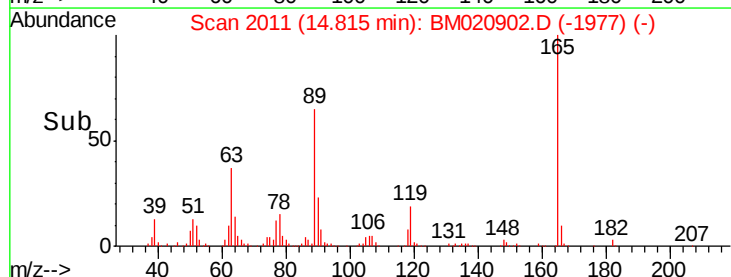
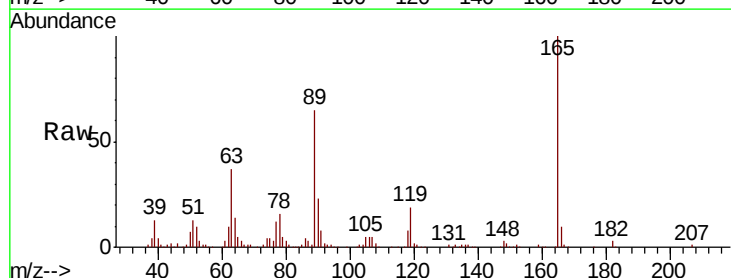
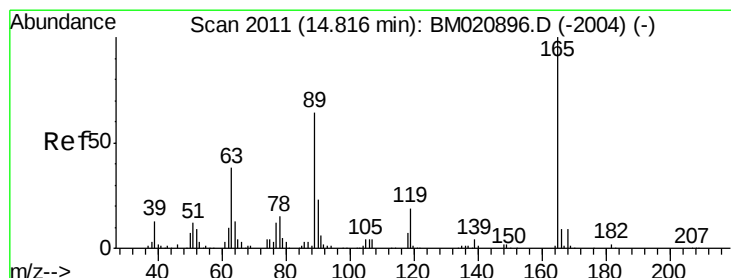
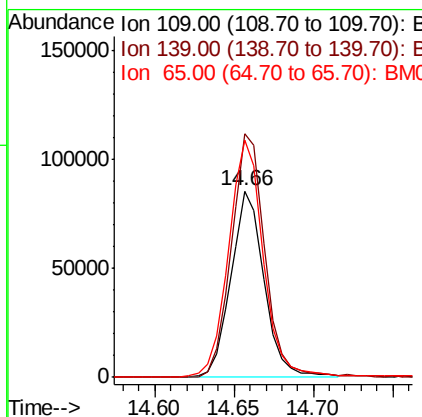
#52
4-Nitrophenol
Concen: 18.007 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Instrument :
BNA_M
ClientSampleId :
A51G0MSD

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	130.7	105.9	158.9	
65	127.3	106.2	159.4	

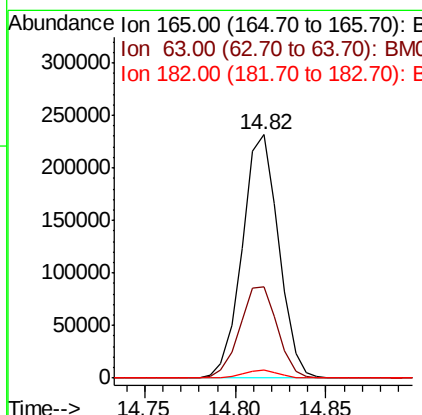
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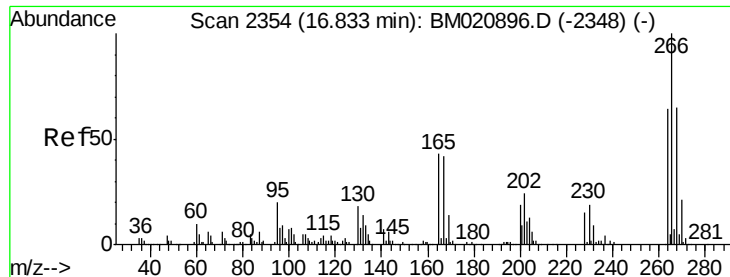
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#54
2,4-Dinitrotoluene
Concen: 24.411 ng/ul
RT: 14.82 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.4	31.7	47.5	
182	3.2	2.2	3.4	





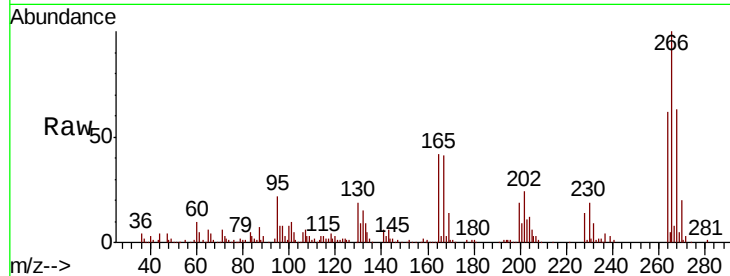
#68
 Pentachlorophenol
 Concen: 22.080 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BM020902.D
 Acq: 12 Jun 2019 14:13

Instrument :
 BNA_M
 ClientSampleId :
 A51G0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	211019		
264	61.8	50.3	75.5	
268	62.6	51.2	76.8	

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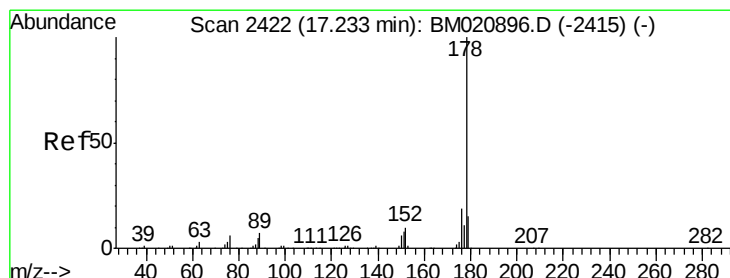
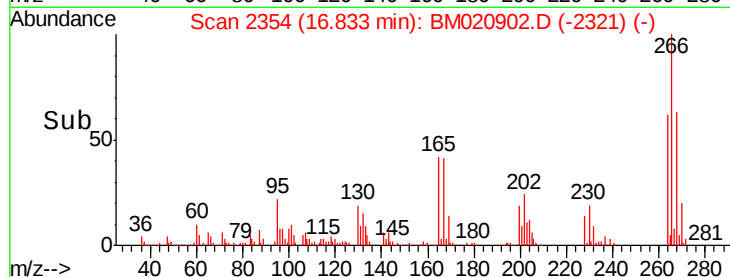
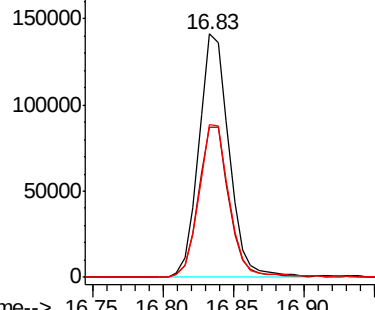


Abundance

Ion 265.70 (265.40 to 266.40): E

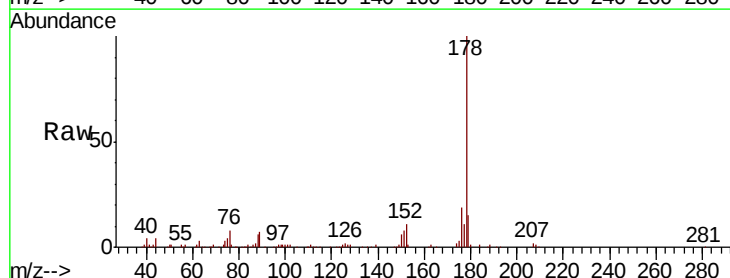
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 2.679 ng/ul
 RT: 17.23 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM020902.D
 Acq: 12 Jun 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	184444		
179	14.8	12.3	18.5	
176	19.0	14.8	22.2	

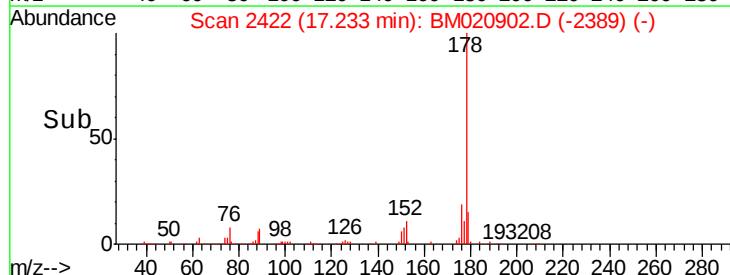
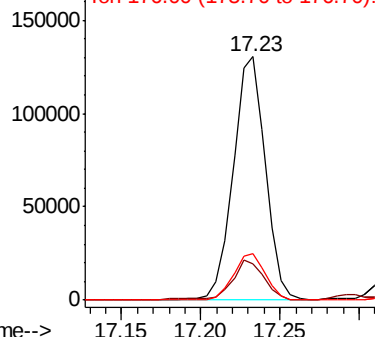


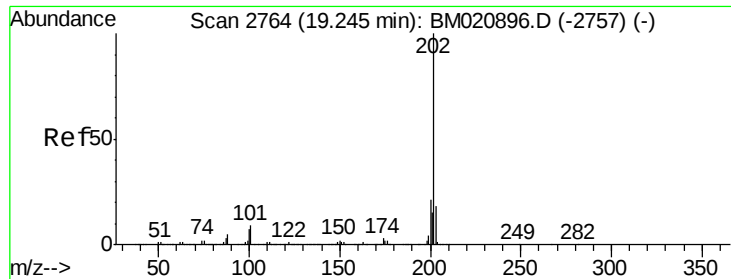
Abundance

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: 7.961 ng/ul

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Instrument :

BNA_M

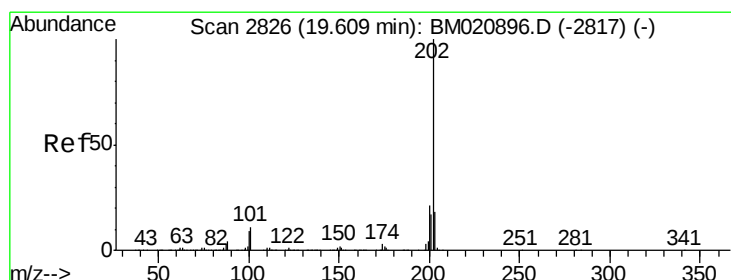
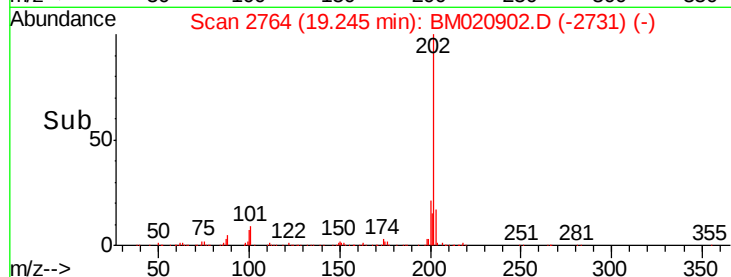
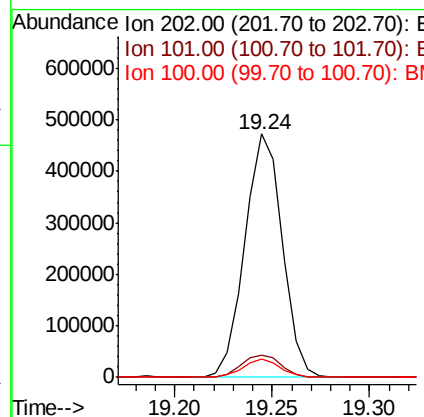
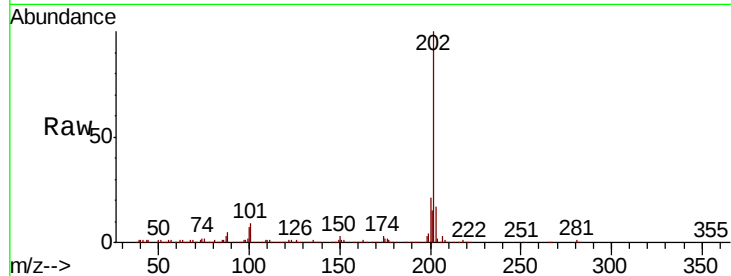
ClientSampleId :

A51G0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		628099		
101	9.2	7.9	11.9		
100	7.5	6.2	9.4		

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#79

Pyrene

Concen: 32.903 ng/ul

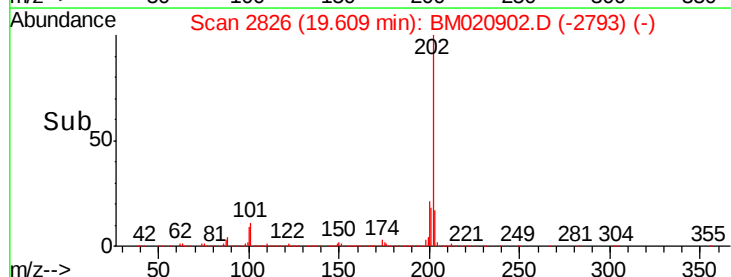
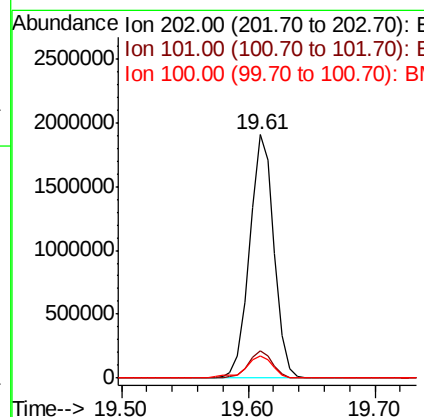
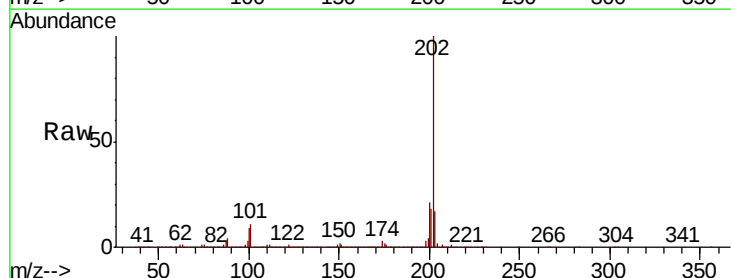
RT: 19.61 min Scan# 2826

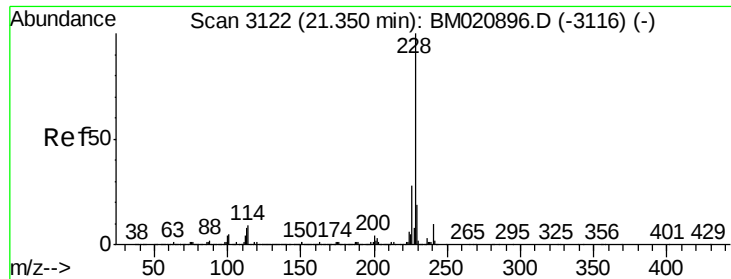
Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2540950		
101	11.2	9.8	14.6		
100	9.1	8.0	12.0		





#82

Benzo(a)anthracene

Concen: 2.834 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Instrument :

BNA_M

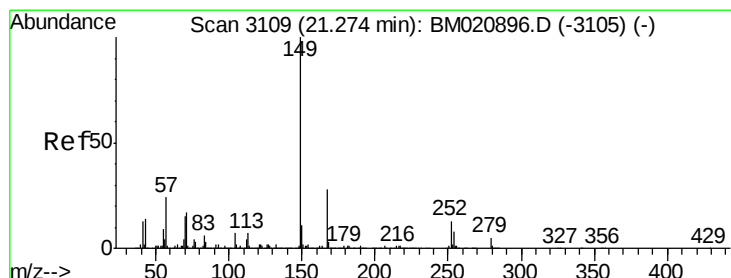
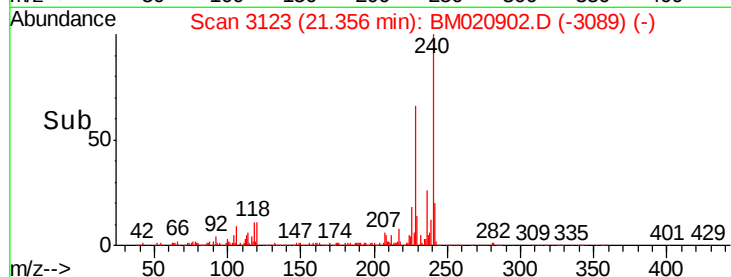
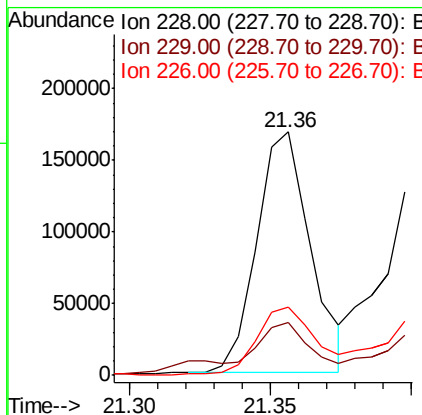
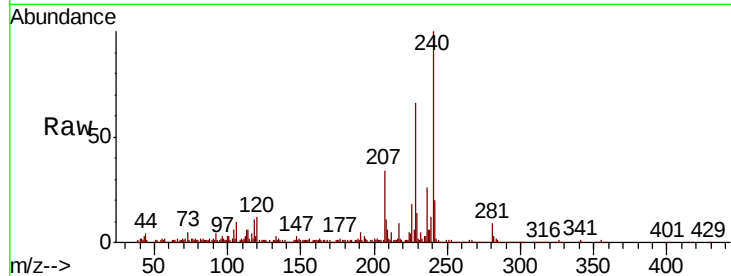
ClientSampleId :

A51G0MSD

Tot Ion:	228	Resp:	221142
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.6	23.4
226	27.9	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.483 ng/ul

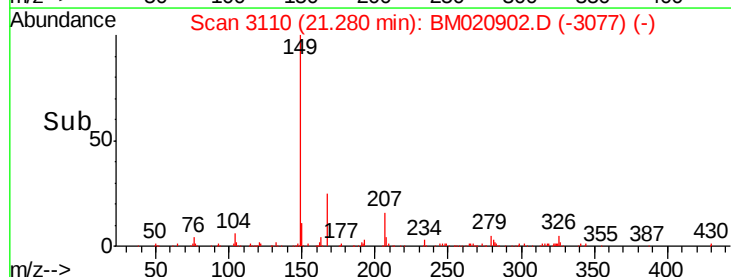
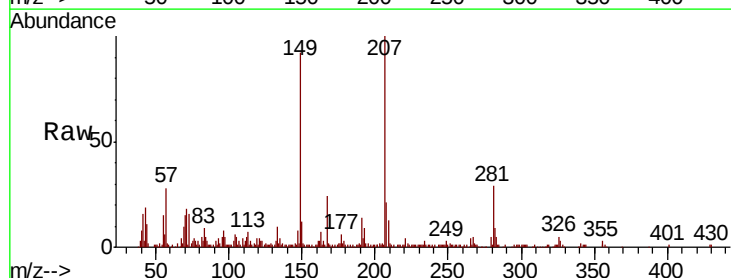
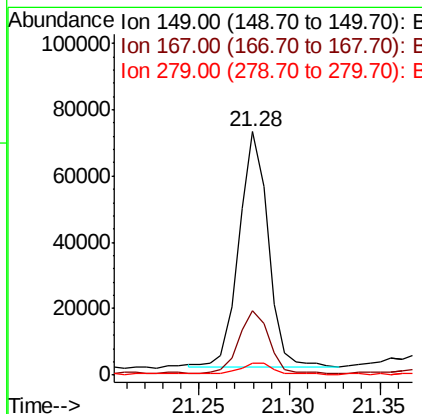
RT: 21.28 min Scan# 3110

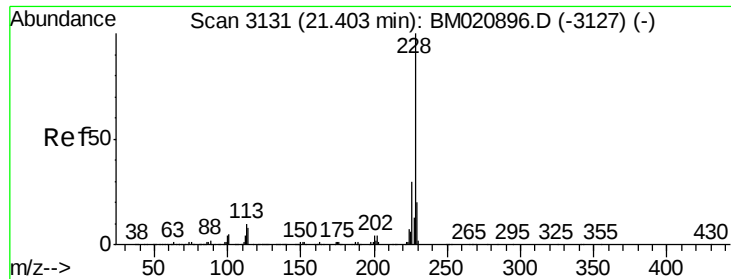
Delta R.T. -0.01 min

Lab File: BM020902.D

Acq: 12 Jun 2019 14:13

Tgt Ion:	149	Resp:	78713
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.9	32.9
279	5.1	4.1	6.1





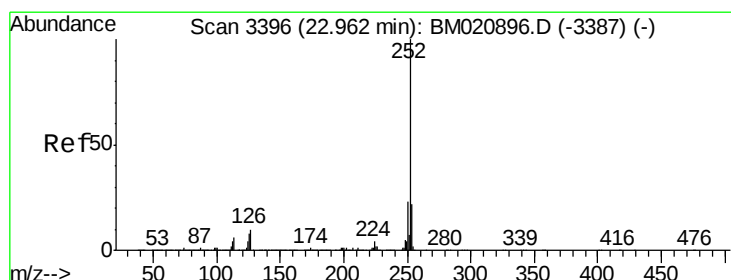
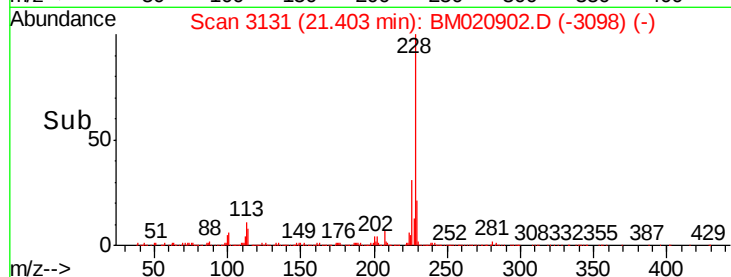
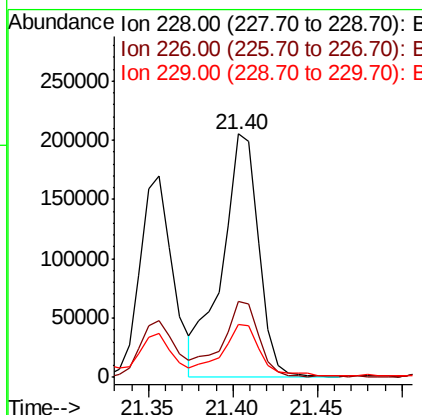
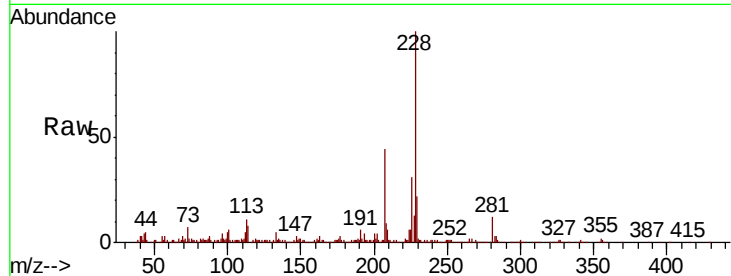
#84
Chrysene
Concen: 4.252 ng/ul
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Instrument :
BNA_M
ClientSampleId :
A51G0MSD

Tot Ion:	228	Resp:	307902
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	21.7	16.2	24.2

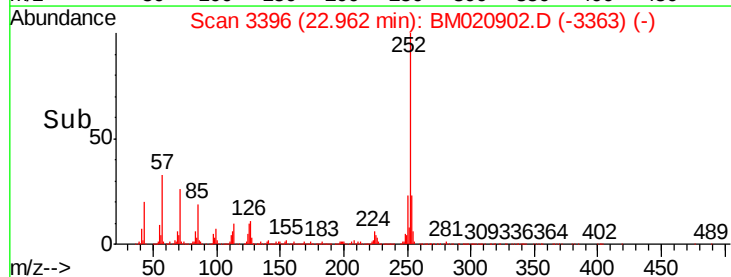
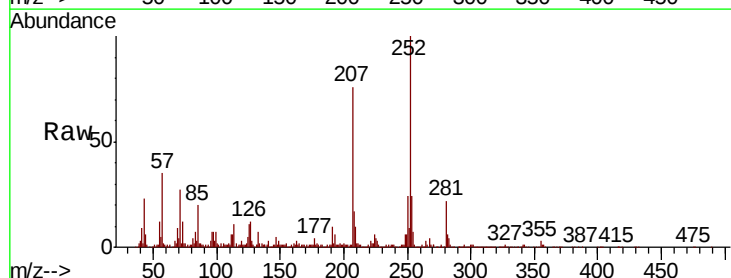
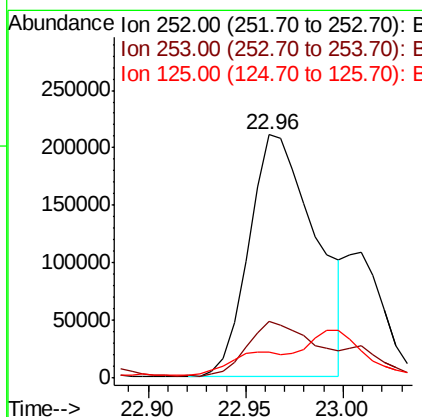
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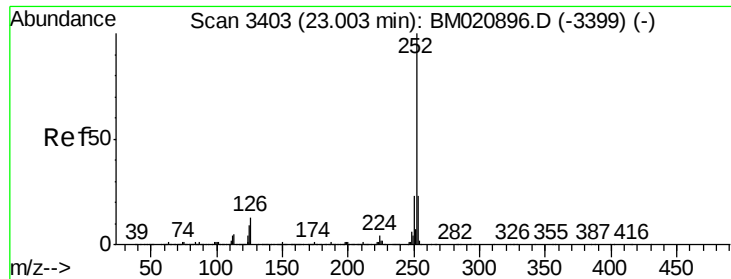
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#87
Benzo(b)fluoranthene
Concen: 5.864 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Tgt Ion:	252	Resp:	498374
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.6	26.4
125	10.8	7.3	10.9





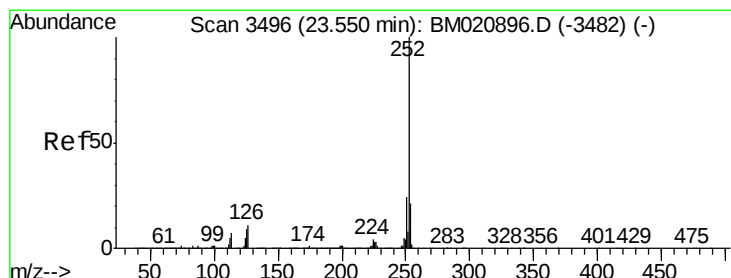
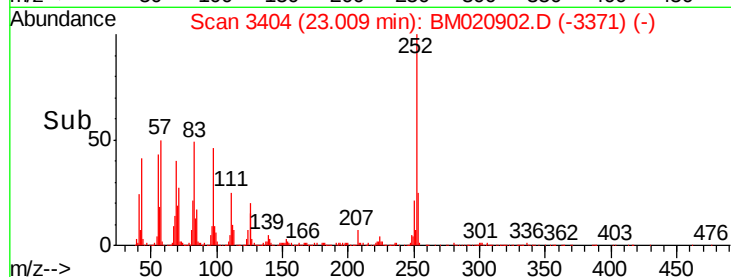
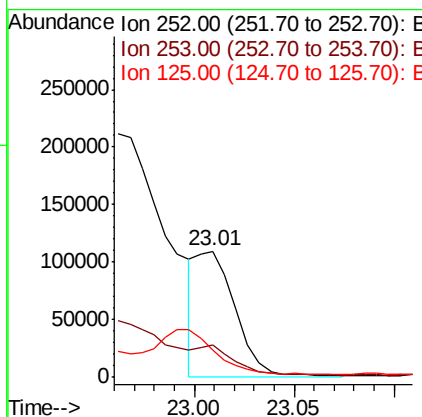
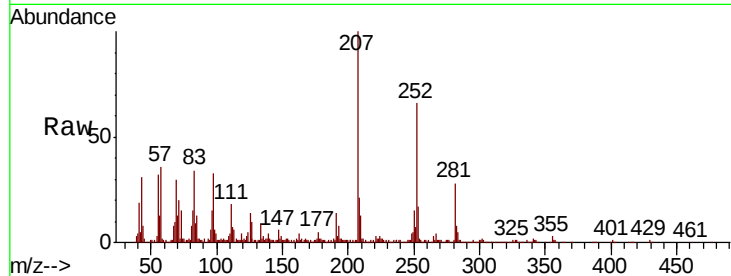
#88
Benzo(k)fluoranthene
Concen: 1.851 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Instrument :
BNA_M
ClientSampleId :
A51G0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.6	26.4
125	21.9	7.3	10.9

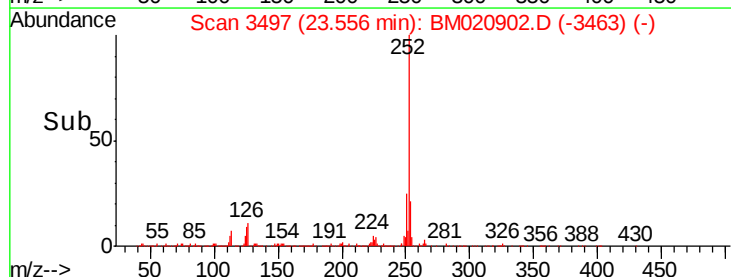
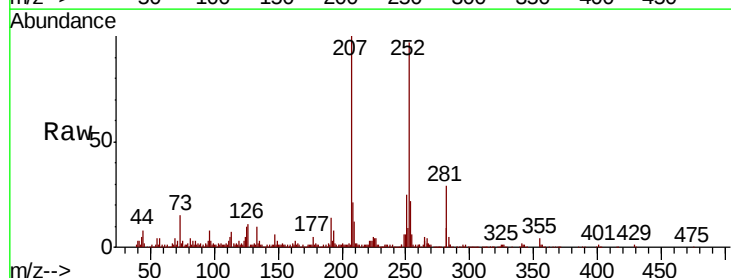
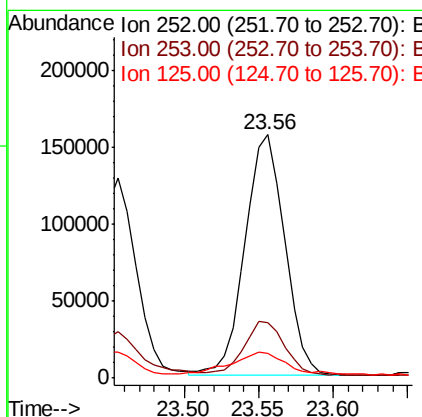
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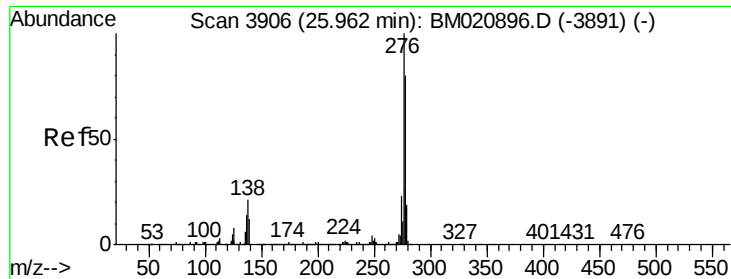
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#90
Benzo(a)pyrene
Concen: 3.580 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.0	8.2	12.4





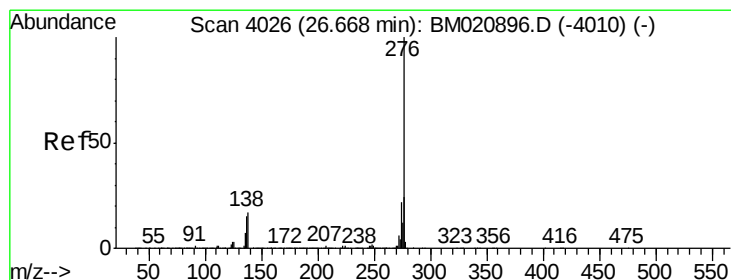
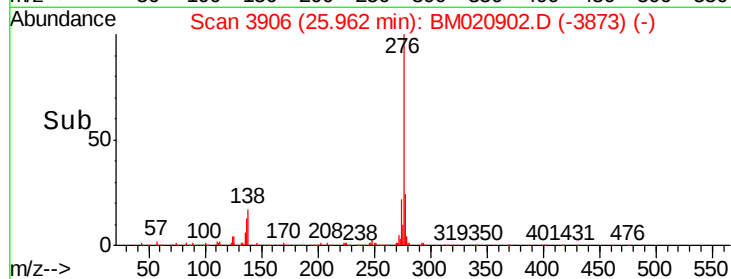
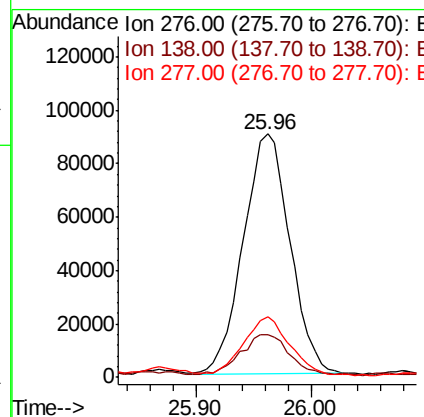
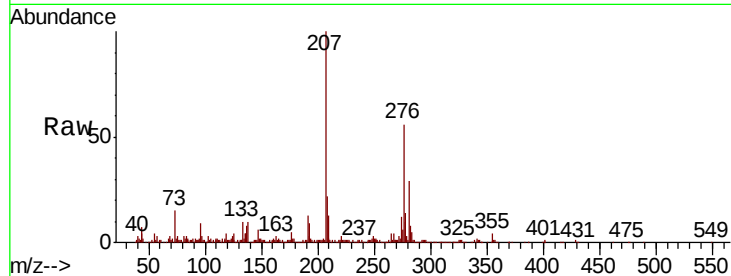
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.638 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Instrument :
BNA_M
ClientSampleId :
A51G0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.8#
277	24.8	20.0	30.0

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#93
Benzo(g,h,i)perylene
Concen: 3.084 ng/ul
RT: 26.67 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM020902.D
Acq: 12 Jun 2019 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.6	25.0
277	24.0	19.6	29.4

