

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
 Data File : BM019730.D
 Acq On : 03 Apr 2019 15:05
 Operator : JU/SJ
 Sample : K2148-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G9

Manual Integrations
 APPROVED

Sohil
 4/4/2019 5:42:55 PM

Quant Time: Apr 13 22:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 04 01:45:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	184698	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	843334	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	479728	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	962974	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	694484	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	713678	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	28023	5.94	ng/uL	0.00
5) Phenol-d5	6.76	99	273654	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	188164	17.09	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	226688	18.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	201018	16.28	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	115123	19.14	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	134474	20.08	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.99	165	215565	17.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	182638	12.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	779291	20.13	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	898950	18.57	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	67252	11.08	ng/ul	0.01
58) Fluorene-d10	15.23	176	639627	19.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	59620	9.36	ng/ul	0.00
71) Anthracene-d10	17.09	188	911165	19.72	ng/ul	0.00
79) Pyrene-d10	19.40	212	774138	24.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	635065	16.79	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.40	105	34741	1.728	ng/ul	94
45) Dimethylphthalate	13.70	163	197132	5.076	ng/ul#	99
76) Di-n-butylphthalate	17.96	149	442433	7.990	ng/ul	100
77) Fluoranthene	19.06	202	154908	2.476	ng/ul#	86
80) Pyrene	19.43	202	193888	4.641	ng/ul#	83
81) Butylbenzylphthalate	20.34	149	3157291	190.854	ng/ul	91
83) Benzo(a)anthracene	21.18	228	96044	2.298	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.11	149	10597178	441.950	ng/ul	95
85) Chrysene	21.23	228	66432	1.656	ng/ul	95
87) Di-n-octyl phthalate	21.98	149	961215	21.593	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	709197	16.314	ng/ul#	93
89) Benzo(k)fluoranthene	22.78	252	185416m	4.441	ng/ul	
91) Benzo(a)pyrene	23.31	252	261486	6.292	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.62	276	288269	5.539	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.61	278	88817	2.002	ng/ul#	83
94) Benzo(g,h,i)perylene	26.30	276	244139	5.614	ng/ul#	92

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

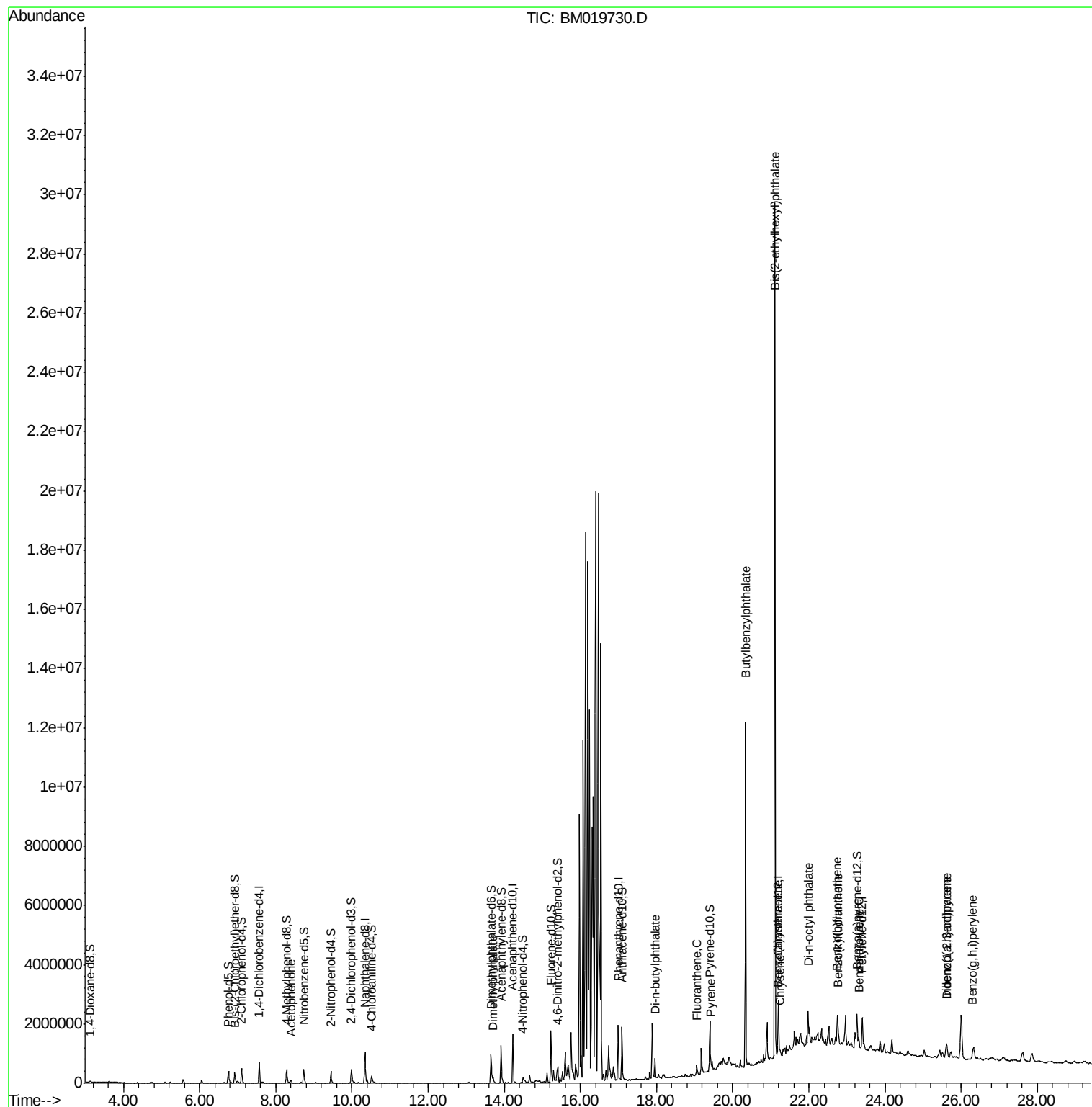
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019730.D
Acq On : 03 Apr 2019 15:05
Operator : JU/SJ
Sample : K2148-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

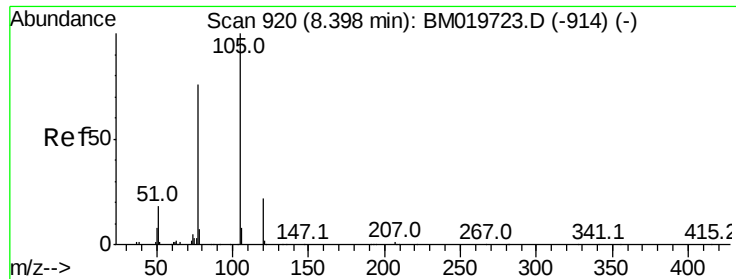
Instrument :
BNA_M
ClientSampleId :
BF5G9

Quant Time: Apr 13 22:27:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
Response via : Initial Calibration

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#14

Acetophenone

Concen: 1.728 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

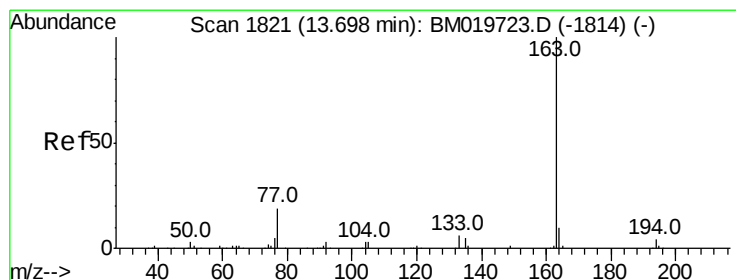
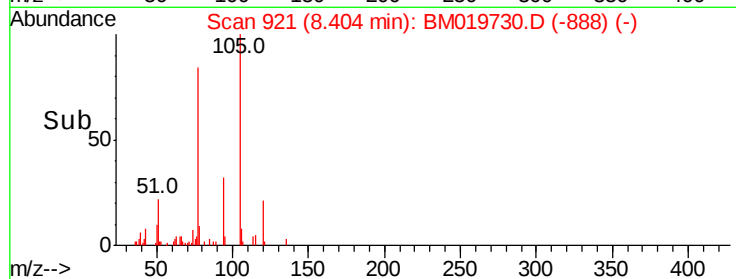
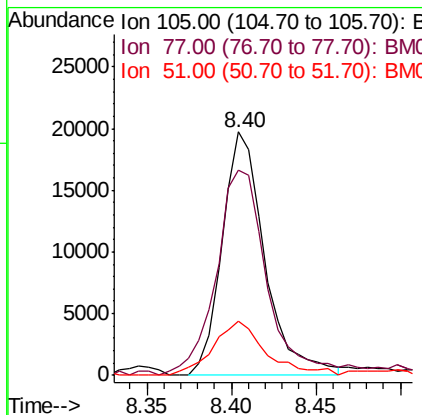
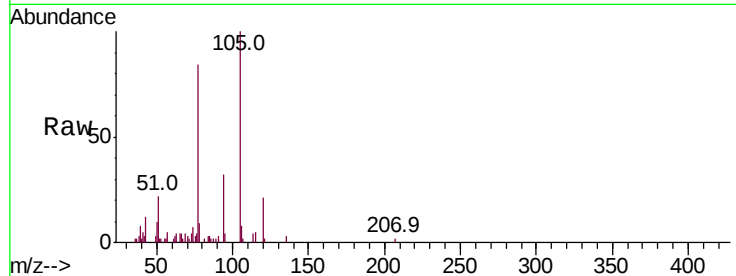
ClientSampled :

BF5G9

Tot Ion:	105	Resp:	34741
Ion Ratio	Lower	Upper	
105	100		
77	84.2	63.2	94.8
51	22.4	19.8	29.8

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#45

Dimethylphthalate

Concen: 5.076 ng/ul

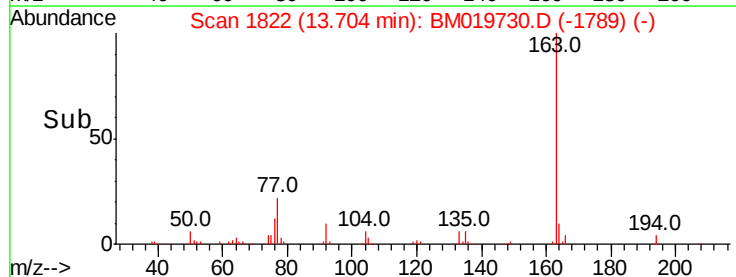
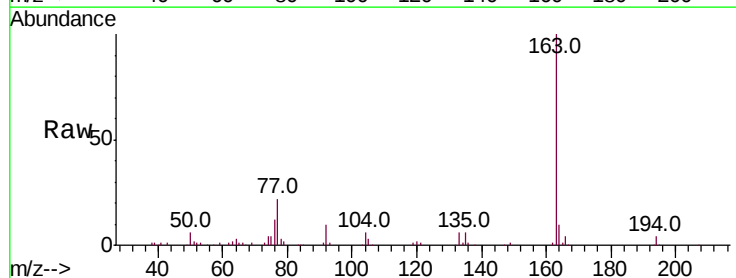
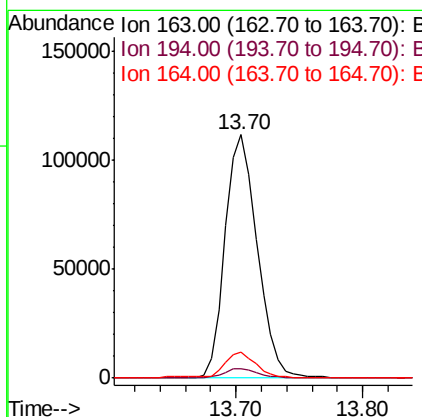
RT: 13.70 min Scan# 1822

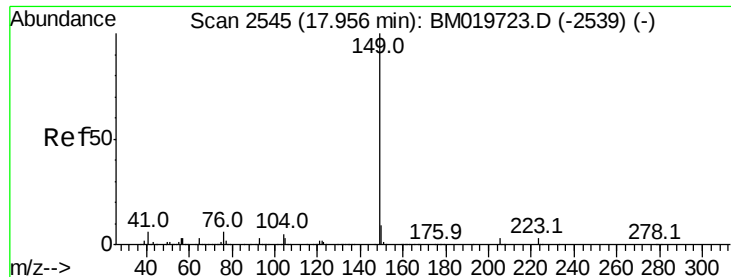
Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Tgt Ion:	163	Resp:	197132
Ion Ratio	Lower	Upper	
163	100		
194	3.8	4.0	6.0#
164	10.4	8.4	12.6





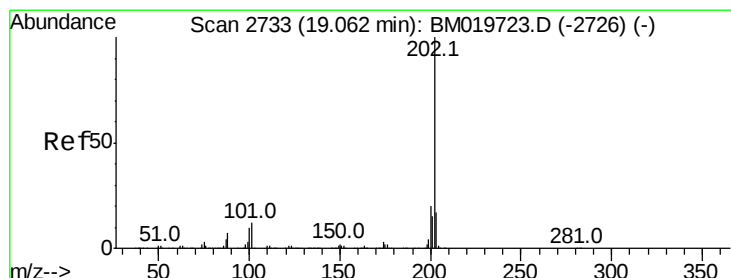
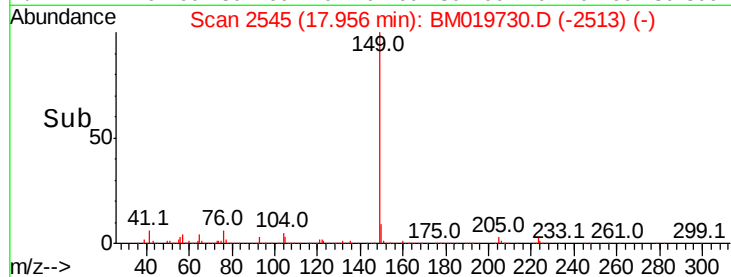
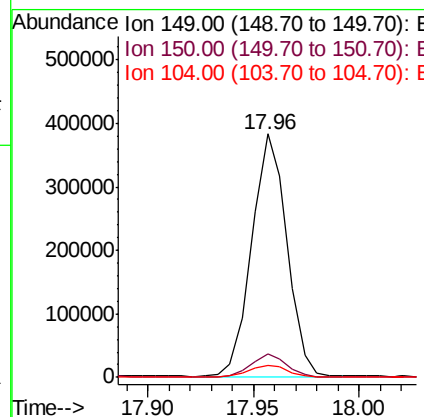
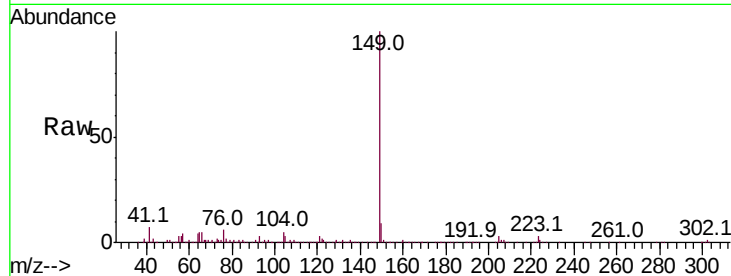
#76
Di-n-butylphthalate
Concen: 7.990 ng/ul
RT: 17.96 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Instrument :
BNA_M
ClientSampled :
BF5G9

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.5	11.3	
104	5.1	4.1	6.1	

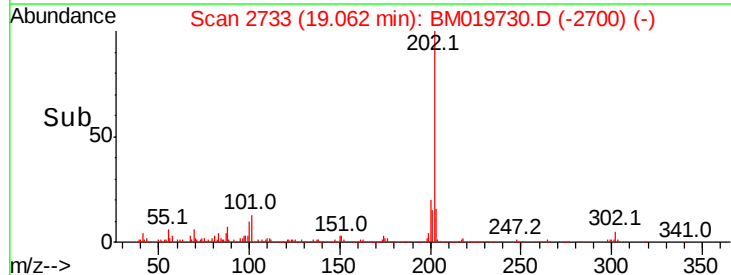
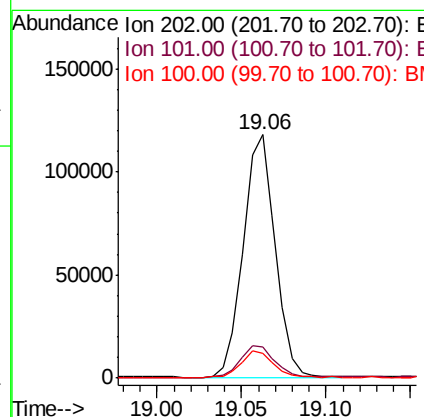
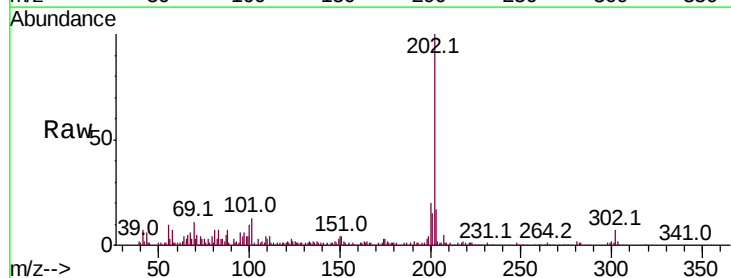
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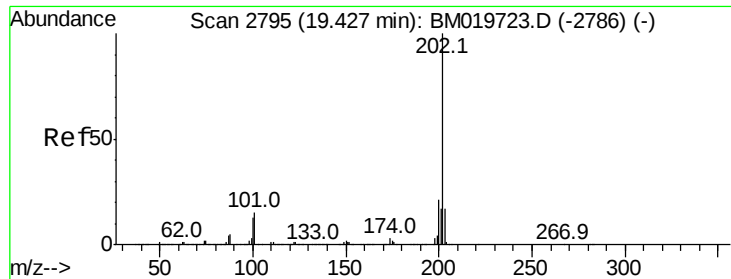
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#77
Fluoranthene
Concen: 2.476 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	6.1	9.1#	
100	9.9	4.6	7.0#	





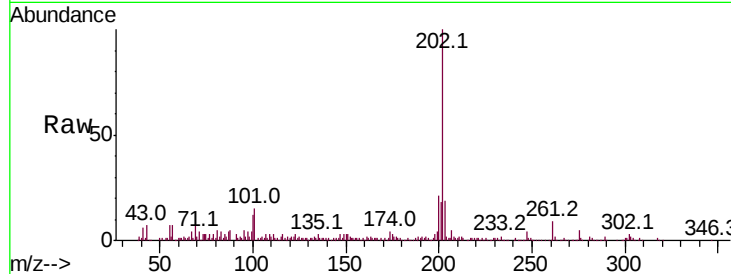
#80
Pvrene
Concen: 4.641 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Instrument :
BNA_M
ClientSampleId :
BF5G9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.9	6.9	10.3#
100	12.4	5.6	8.4#

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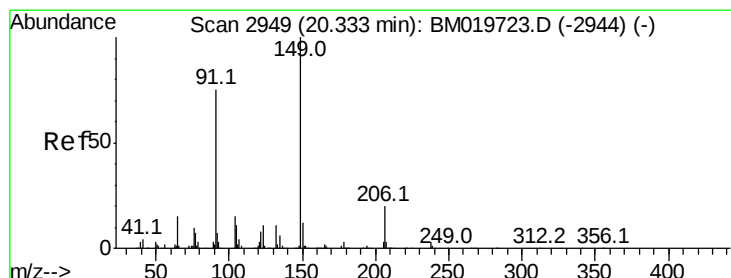
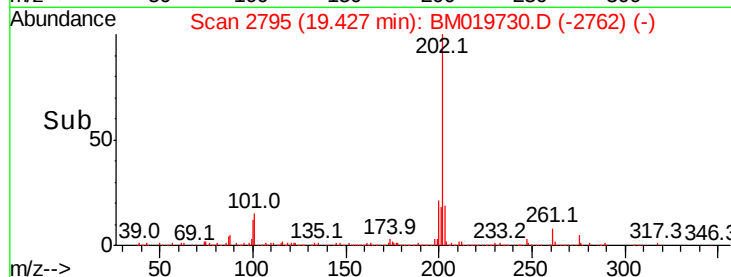
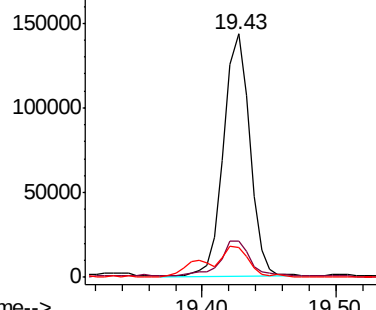


Abundance

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



#81
Butylbenzylphthalate
Concen: 190.854 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

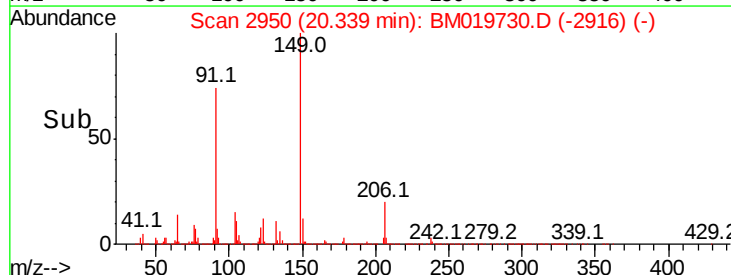
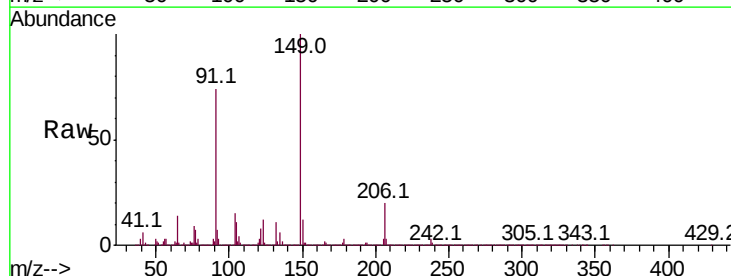
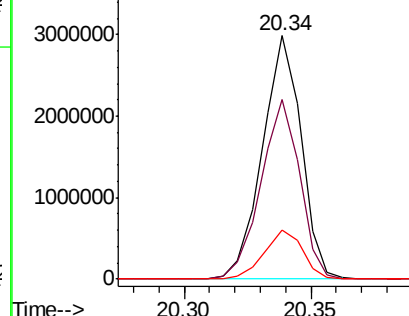
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	74.0	53.4	80.0
206	20.2	19.3	28.9

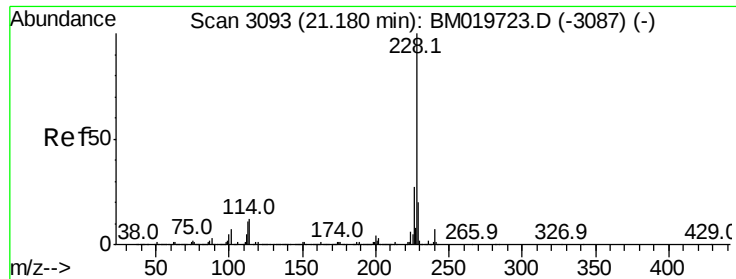
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





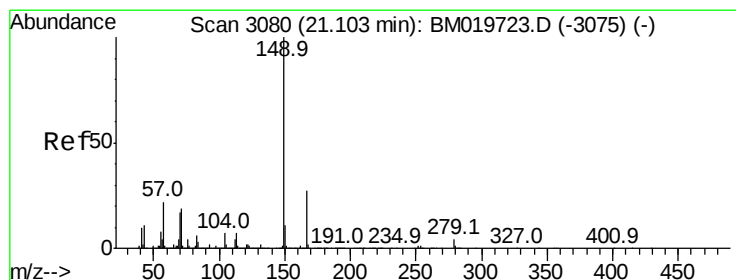
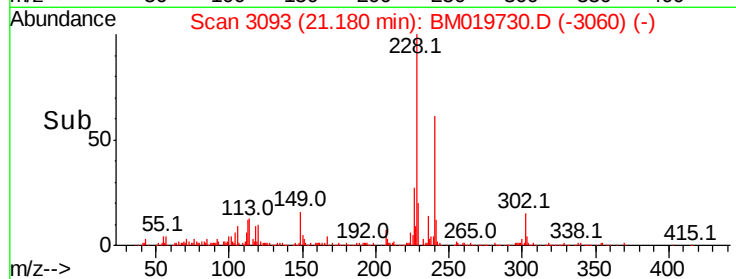
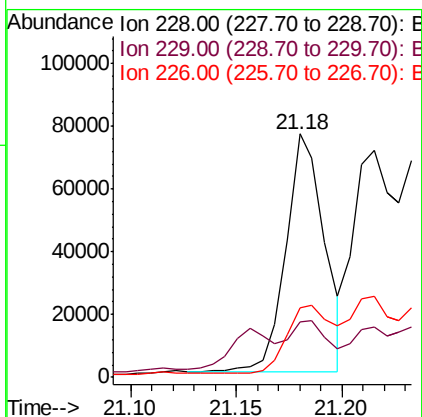
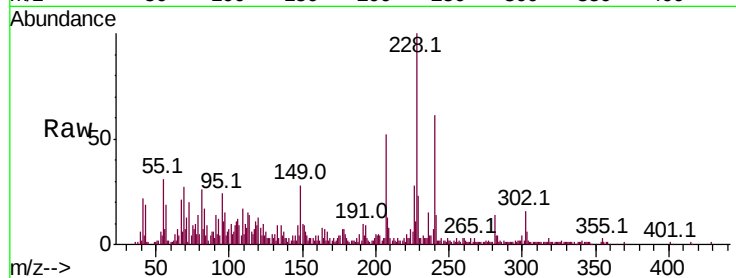
#83
Benzo(a)anthracene
Concen: 2.298 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Instrument :
BNA_M
ClientSampleID :
BF5G9

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.0	24.0
226	28.3	21.8	32.8

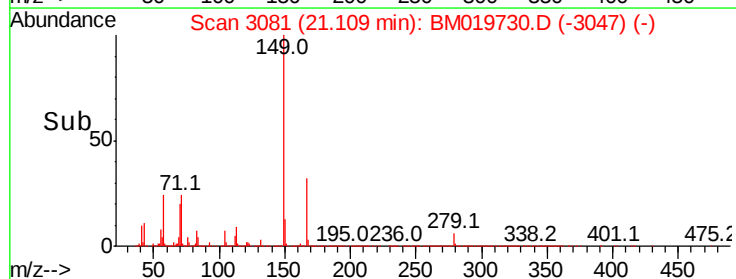
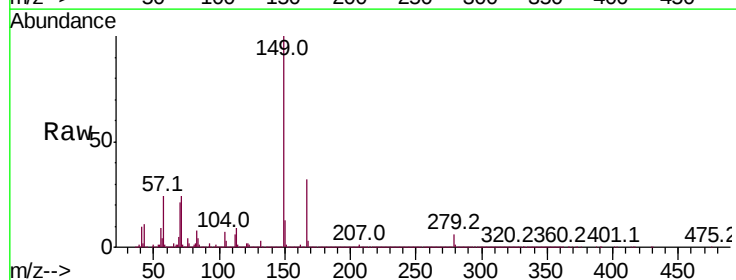
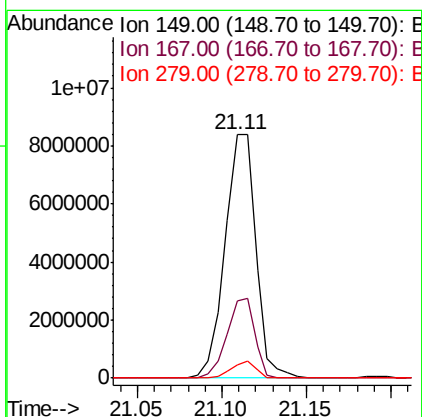
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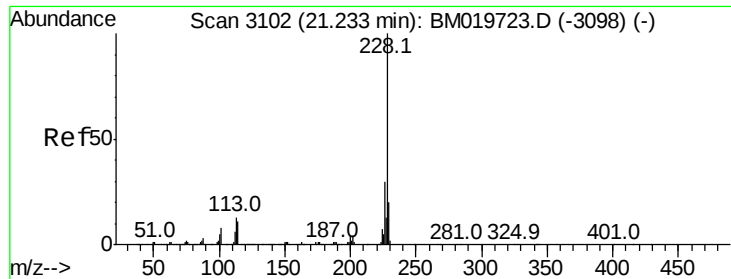
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#84
Bis(2-ethylhexyl)phthalate
Concen: 441.950 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.0	34.6
279	5.7	4.3	6.5





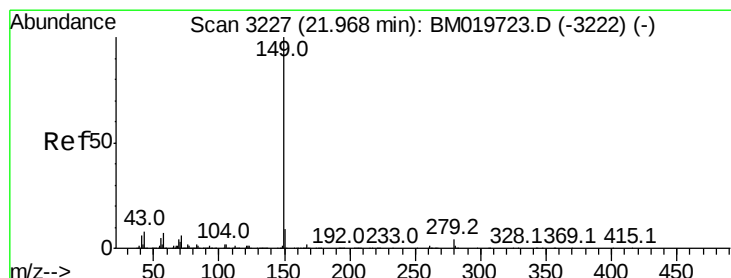
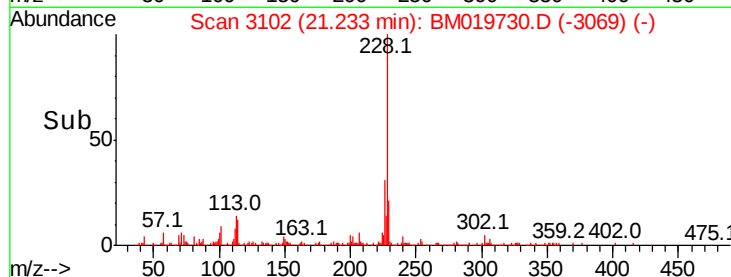
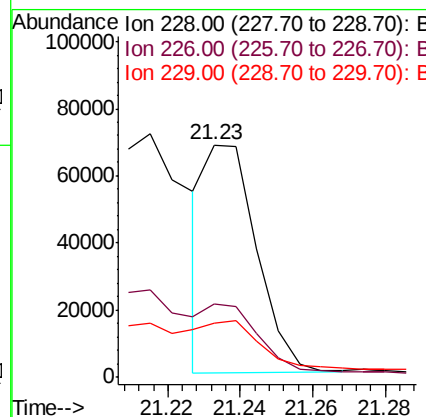
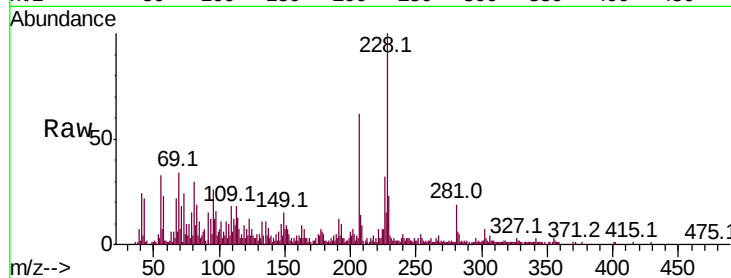
#85
Chrysene
Concen: 1.656 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Instrument :
BNA_M
ClientSampleId :
BF5G9

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.1	36.1
229	23.3	16.0	24.0

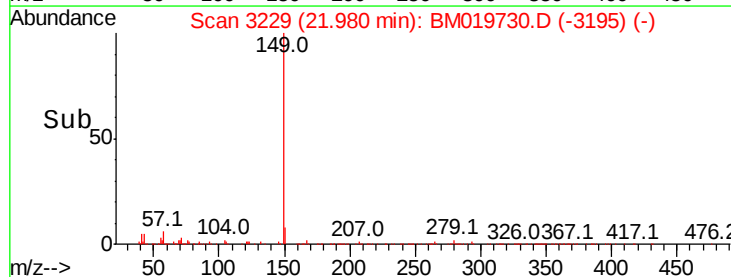
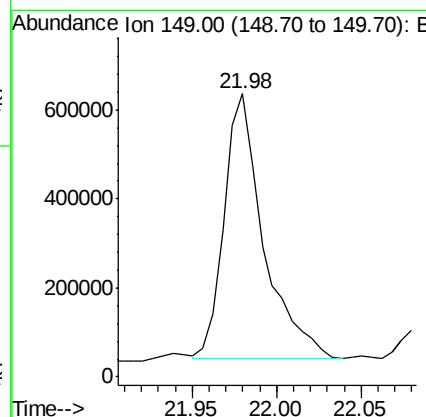
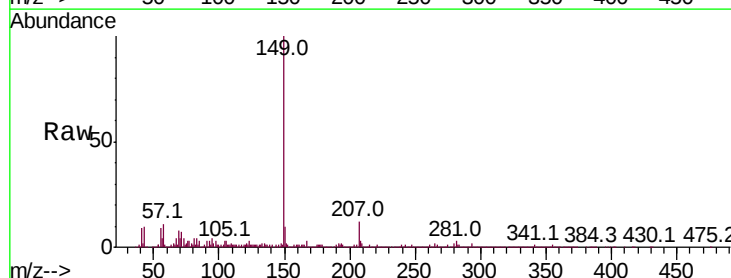
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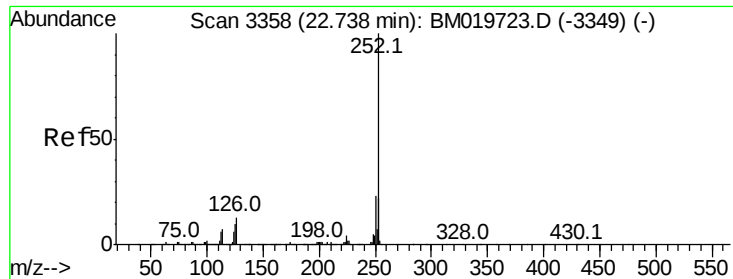
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#87
Di-n-octyl phthalate
Concen: 21.593 ng/ul
RT: 21.98 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Tgt Ion:149 Resp: 961215





#88

Benzo(b)fluoranthene

Concen: 16.314 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

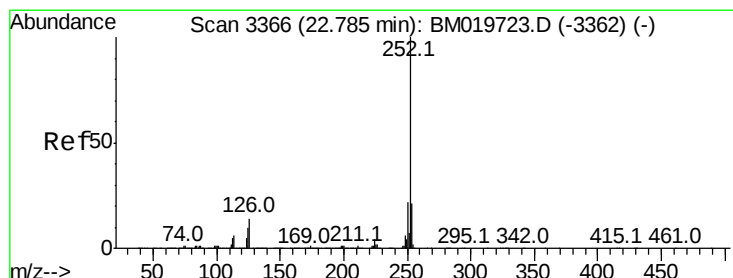
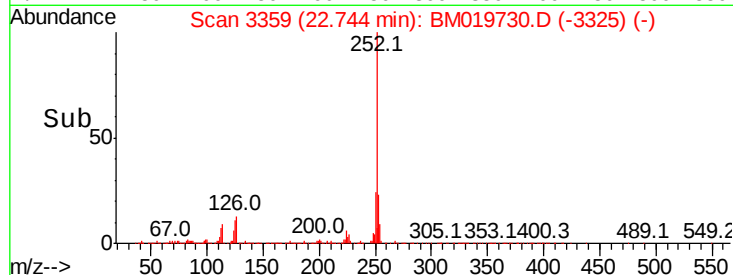
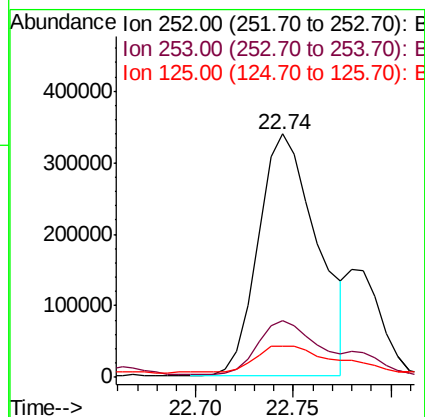
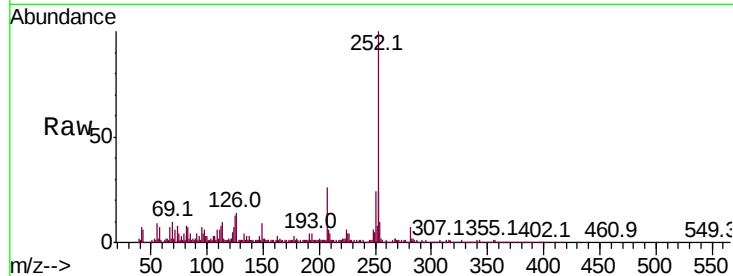
ClientSampleId :

BF5G9

Tot Ion:	252	Resp:	709197
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	12.9	4.9	7.3#

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#89

Benzo(k)fluoranthene

Concen: 4.441 ng/ul m

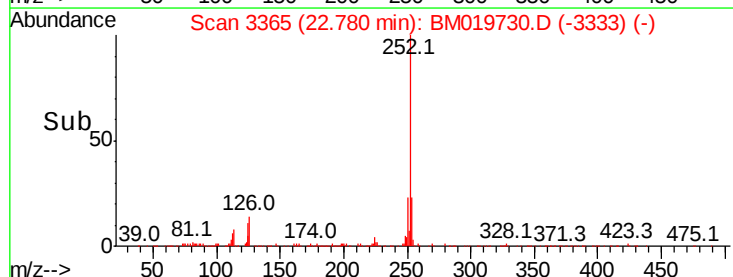
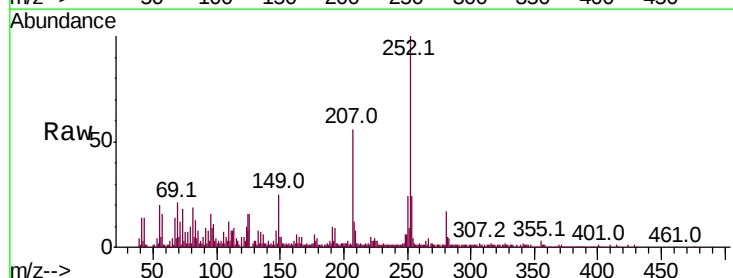
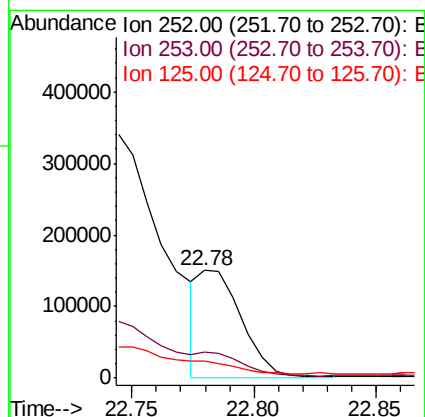
RT: 22.78 min Scan# 3365

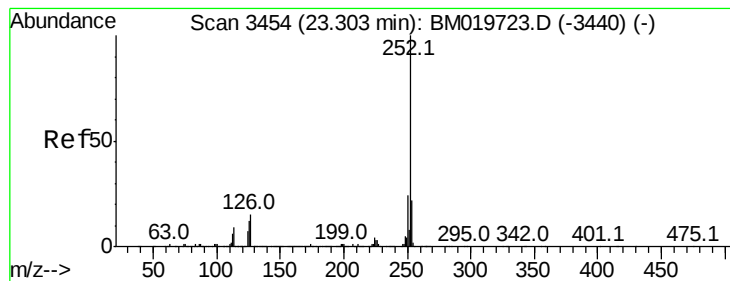
Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Tgt Ion:	252	Resp:	185416
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	15.7	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 6.292 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

Instrument :

BNA_M

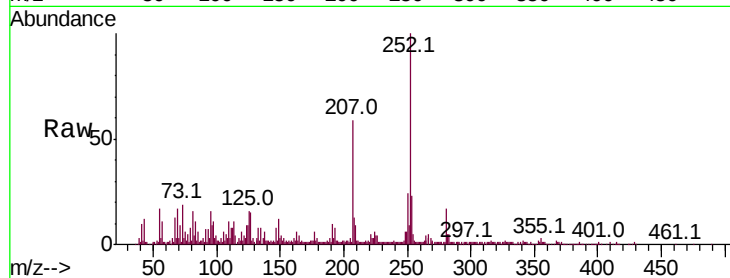
ClientSampleId :

BF5G9

Tot Ion:	252	Resp:	261486
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	16.0	5.8	8.6#

Manual Integrations
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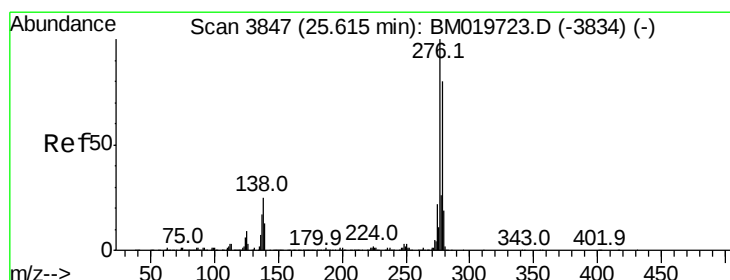
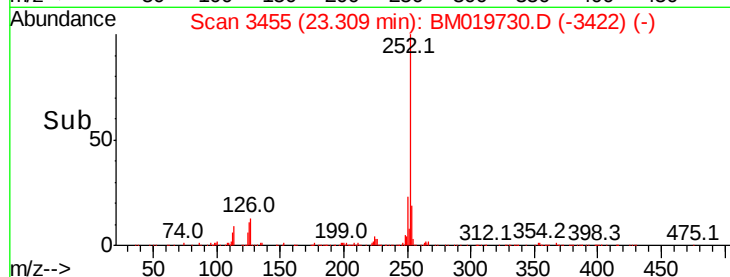
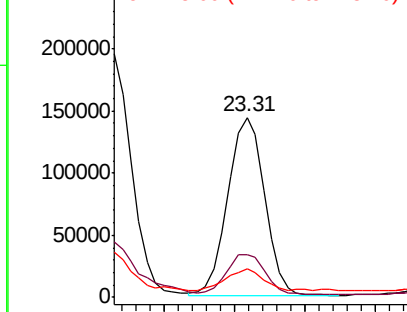


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 5.539 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM019730.D

Acq: 03 Apr 2019 15:05

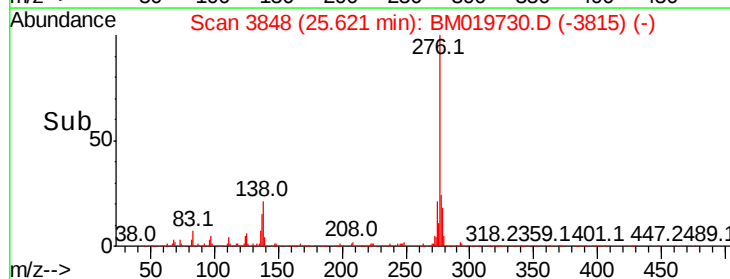
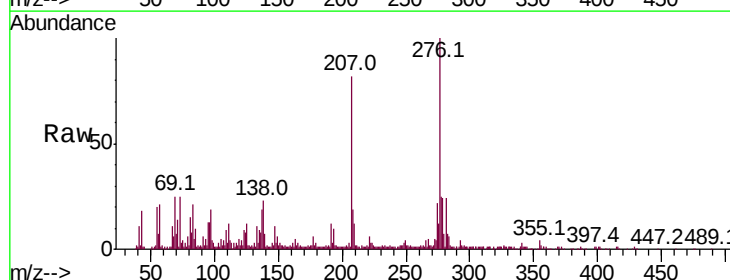
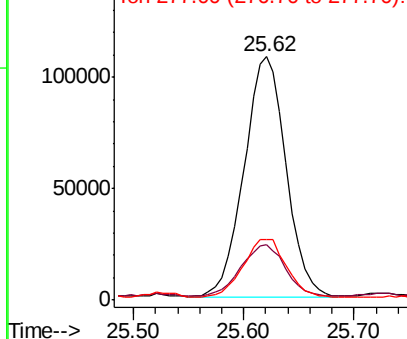
Tgt Ion:	276	Resp:	288269
Ion Ratio	Lower	Upper	
276	100		
138	22.9	10.9	16.3#
277	24.8	18.9	28.3

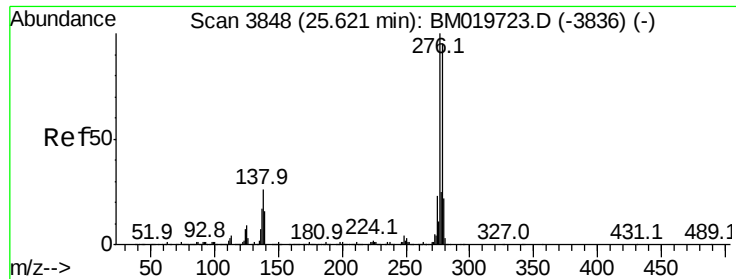
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





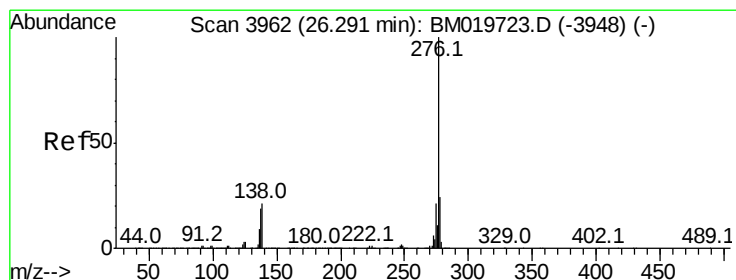
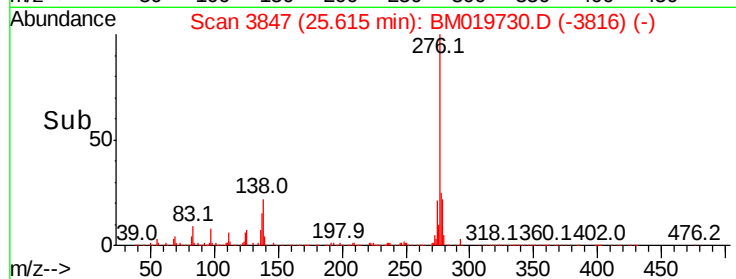
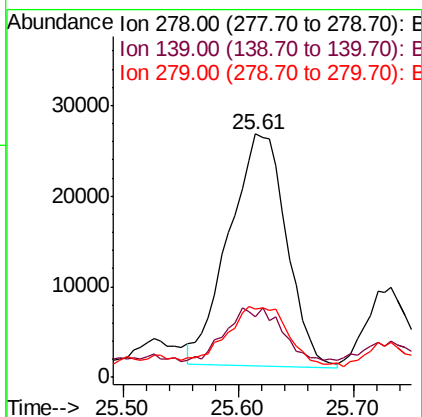
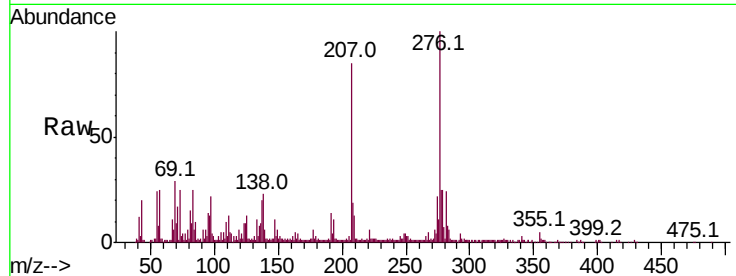
#93
Dibenzo(a,h)anthracene
Concen: 2.002 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Instrument :
BNA_M
ClientSampleId :
BF5G9

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.0	9.0	13.4#
279	27.8	19.1	28.7

Manual Integrations
APPROVED

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#94
Benzo(g,h,i)perylene
Concen: 5.614 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM019730.D
Acq: 03 Apr 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	11.2	16.8#
277	24.9	19.0	28.6

