

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019851.D
 Acq On : 10 Apr 2019 05:09
 Operator : JU/SJ
 Sample : K2255-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC47

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:19:11 PM

Quant Time: Apr 10 06:03:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 10 03:34:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	118130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	459674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	238418	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	492533	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	550747	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	650006	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	16607	5.50	ng/uL	0.00
5) Phenol-d5	6.76	99	107872	10.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	77505	11.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	96473	12.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	74348	9.42	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	41578	12.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	47715	13.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	77409	11.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.52	131	74106	8.96	ng/ul	0.01
44) Dimethylphthalate-d6	13.64	166	249031	12.95	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	295083	12.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	24940m	8.27	ng/ul	0.04
58) Fluorene-d10	15.22	176	211732	12.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	22552	6.92	ng/ul	0.00
71) Anthracene-d10	17.08	188	320984	13.58	ng/ul	0.00
79) Pyrene-d10	19.39	212	337931	13.28	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.26	264	412243	11.96	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.69	163	82185	4.258	ng/ul	99
70) Phenanthrene	17.02	178	109942	3.937	ng/ul	99
76) Di-n-butylphthalate	17.94	149	45036	1.590	ng/ul#	96
77) Fluoranthene	19.05	202	207872	6.496	ng/ul#	86
80) Pyrene	19.42	202	174039	5.253	ng/ul#	87
81) Butylbenzylphthalate	20.33	149	356445	27.170	ng/ul	91
83) Benzo(a)anthracene	21.17	228	99347	2.997	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	417038	21.932	ng/ul	94
85) Chrysene	21.23	228	129776	4.080	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	200039	5.052	ng/ul#	89
89) Benzo(k)fluoranthene	22.77	252	78706	2.070	ng/ul#	83
91) Benzo(a)pyrene	23.30	252	107154	2.831	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.61	276	110106	2.323	ng/ul#	89
94) Benzo(g,h,i)perylene	26.29	276	93265	2.355	ng/ul#	85

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

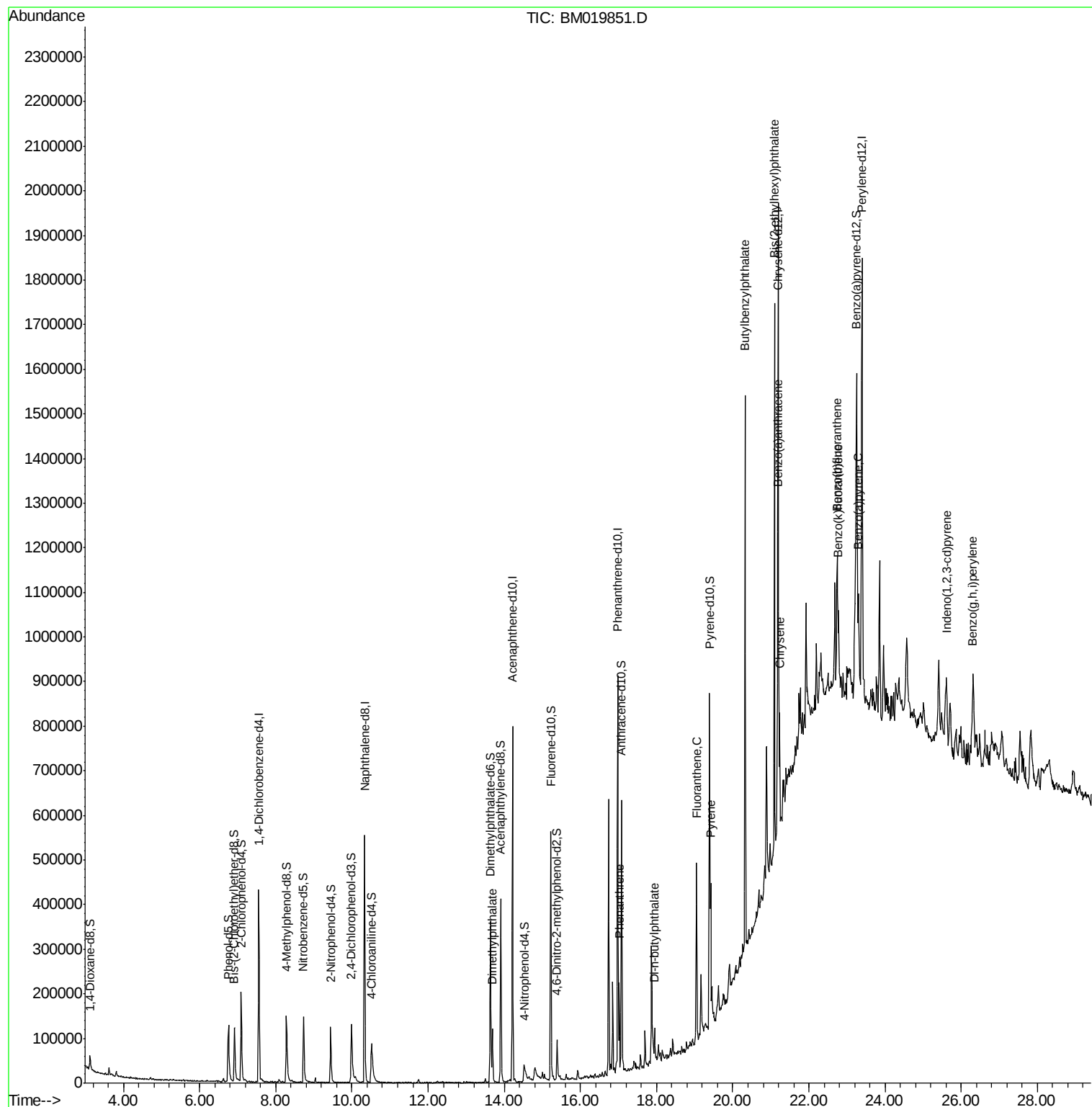
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019851.D
Acq On : 10 Apr 2019 05:09
Operator : JU/SJ
Sample : K2255-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

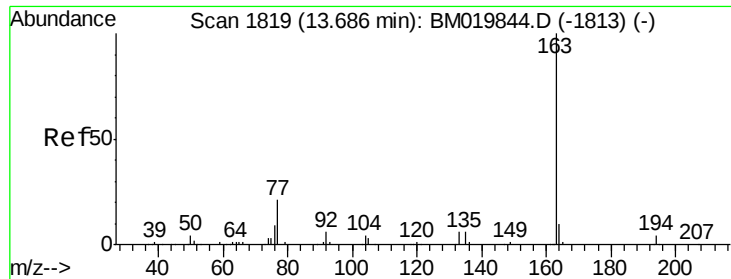
Instrument :
BNA_M
ClientSampleId :
BFC47

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Quant Time: Apr 10 06:03:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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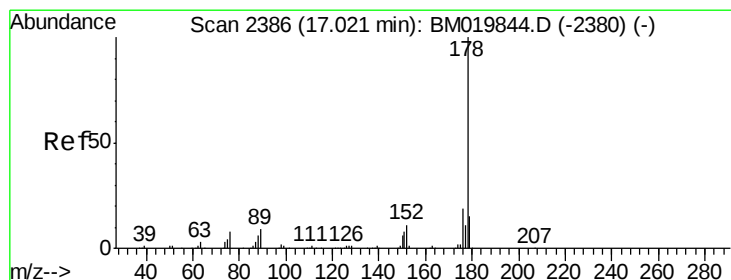
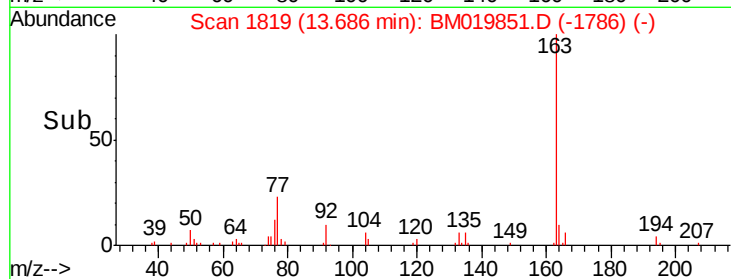
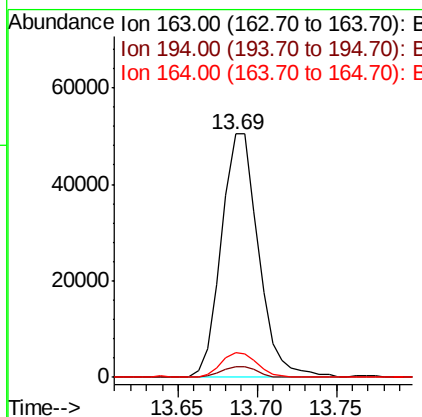
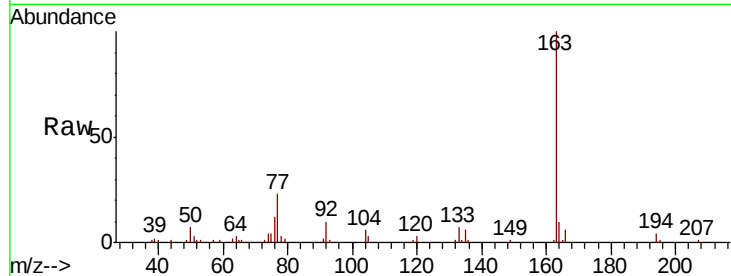
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Dimethylphthalate
Concen: 4.258 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampleId :
BFC47

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	10.3	8.4	12.6

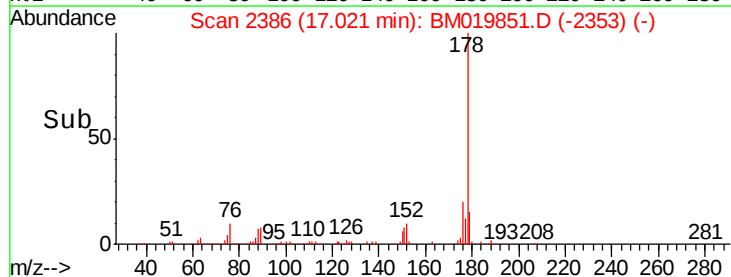
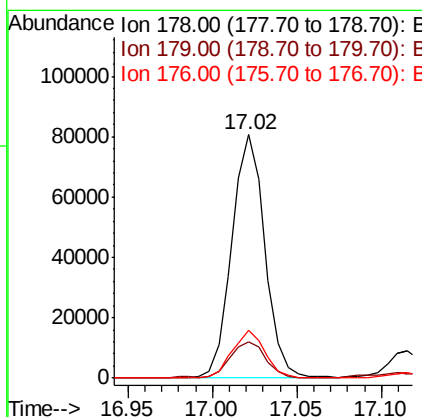
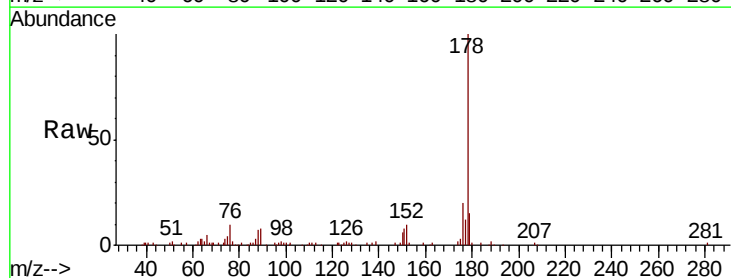
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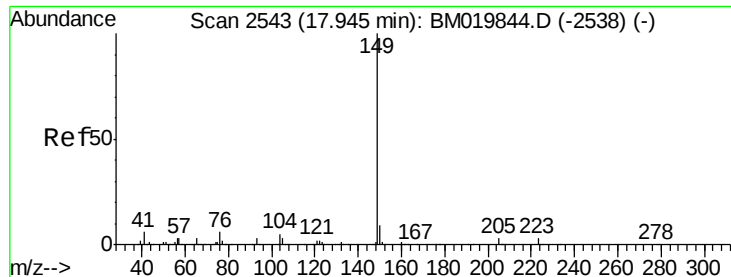
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#70
Phenanthrene
Concen: 3.937 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.6	15.4	23.0





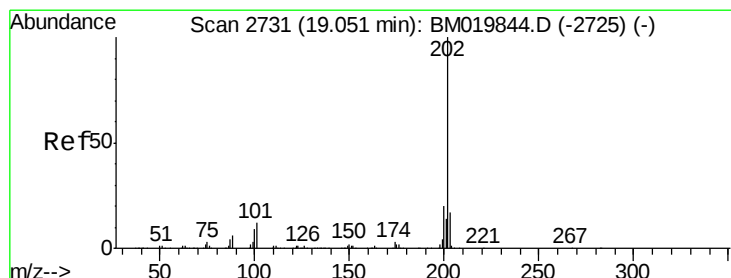
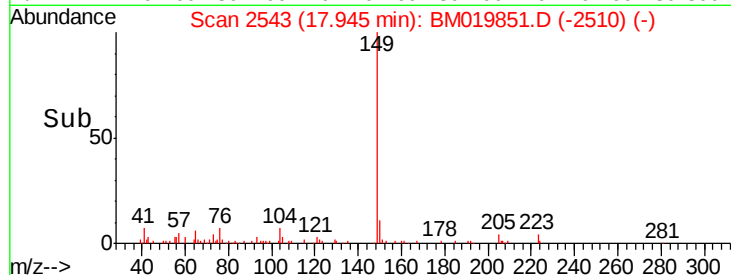
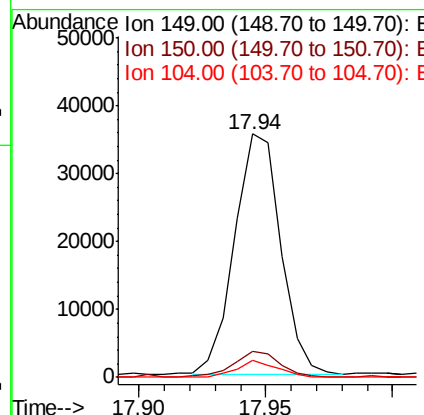
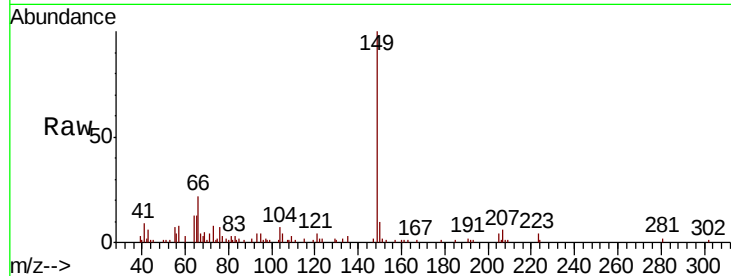
#76
Di-n-butylphthalate
Concen: 1.590 ng/ul
RT: 17.94 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampleId :
BFC47

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.5	7.5	11.3	
104	6.9	4.1	6.1	

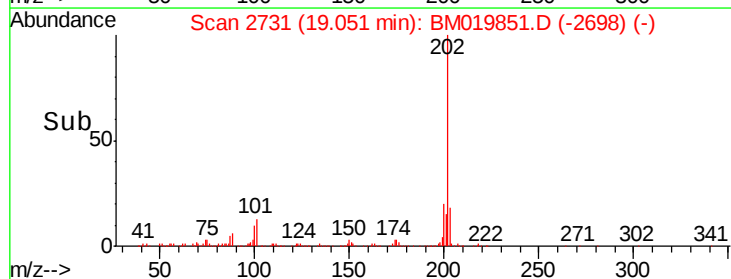
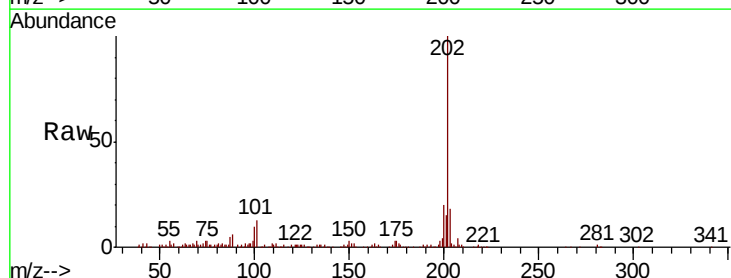
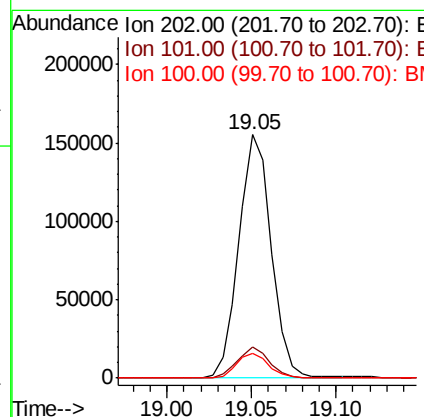
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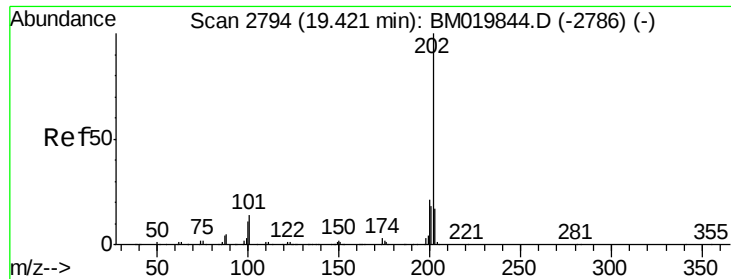
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#77
Fluoranthene
Concen: 6.496 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.7	6.1	9.1	
100	10.0	4.6	7.0	





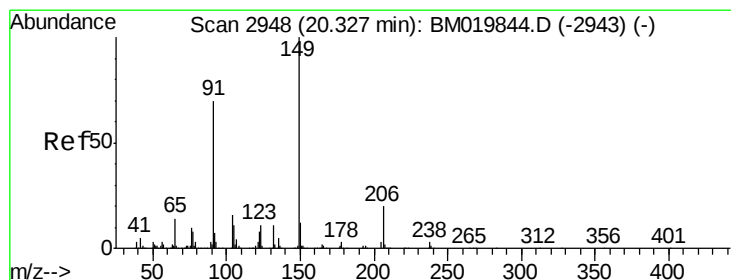
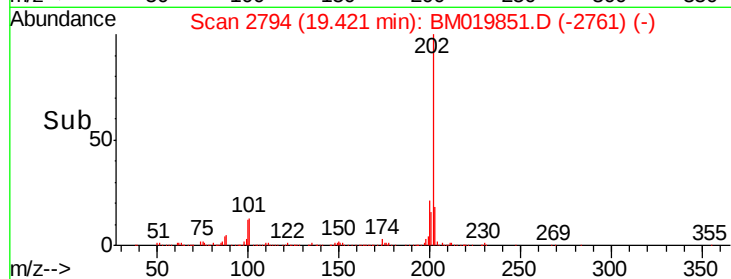
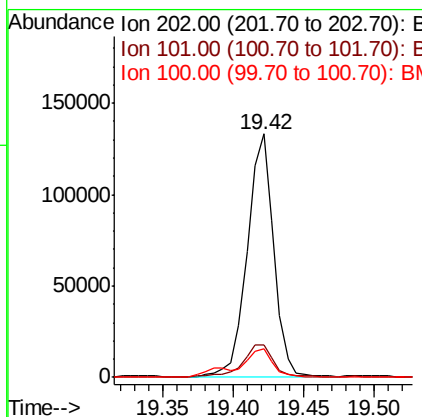
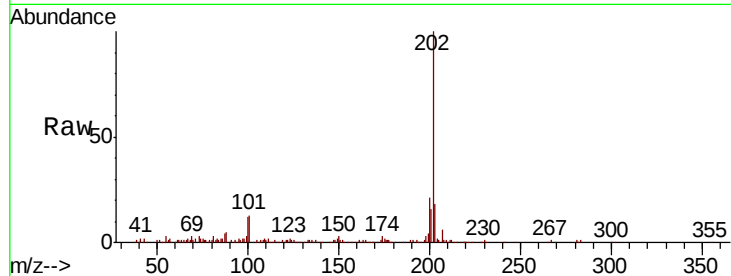
#80
Pvrene
Concen: 5.253 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampleId :
BFC47

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	6.9	10.3#
100	11.8	5.6	8.4#

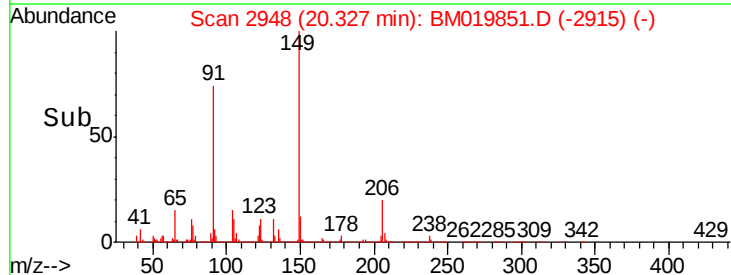
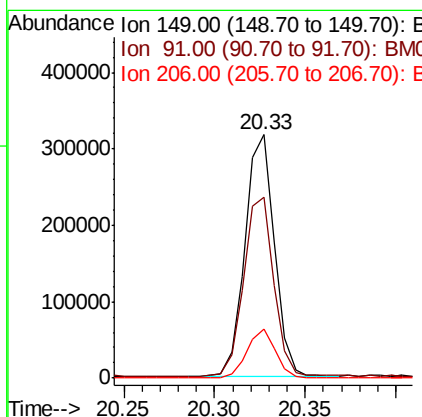
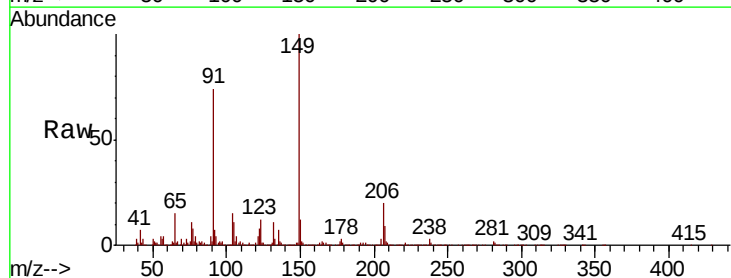
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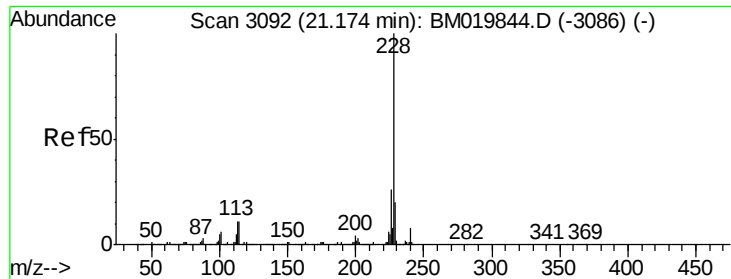
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#81
Butylbenzylphthalate
Concen: 27.170 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	74.2	53.4	80.0
206	20.0	19.3	28.9





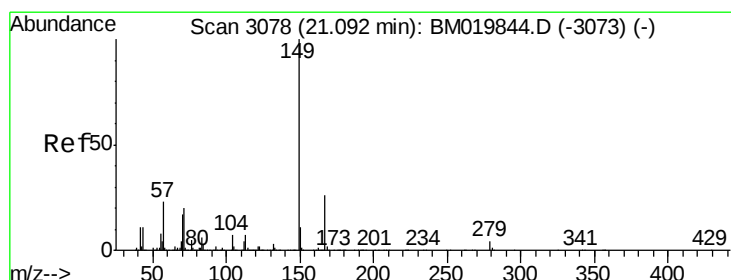
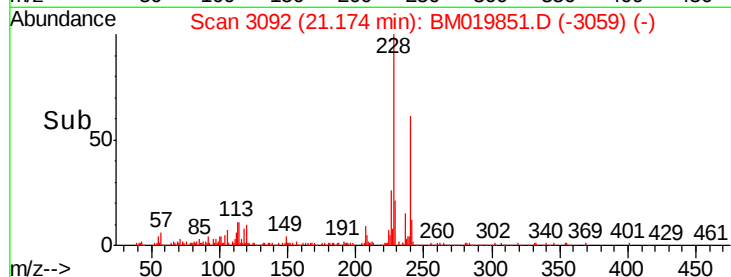
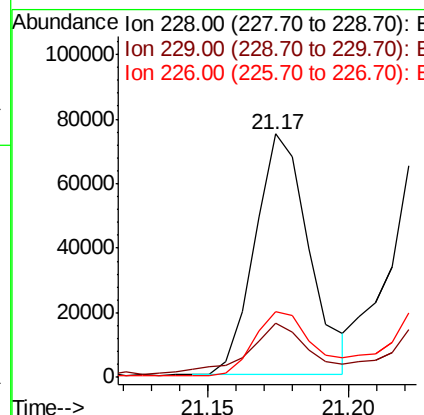
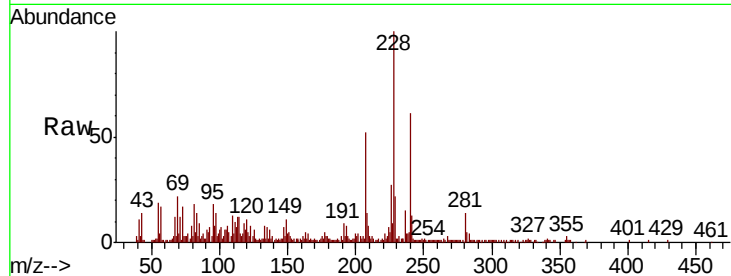
#83
Benzo(a)anthracene
Concen: 2.997 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampled :
BFC47

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	26.8	21.8	32.8

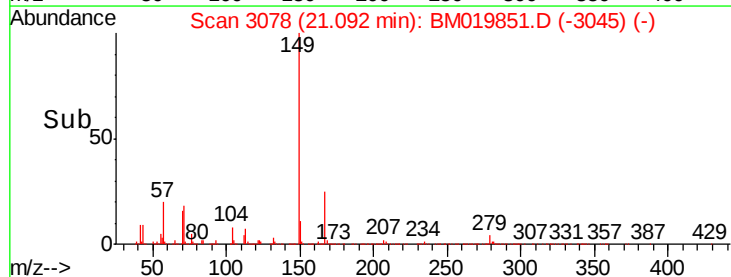
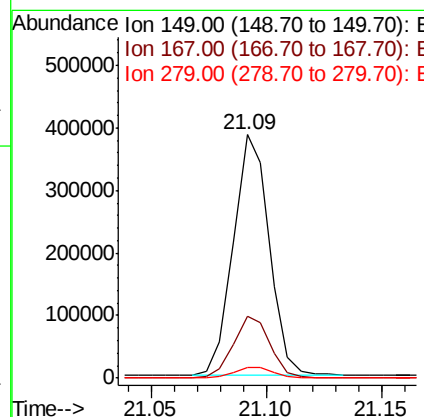
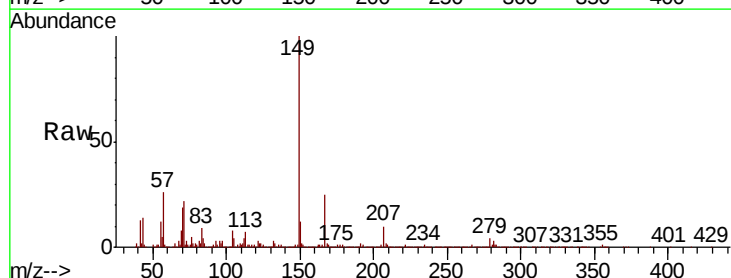
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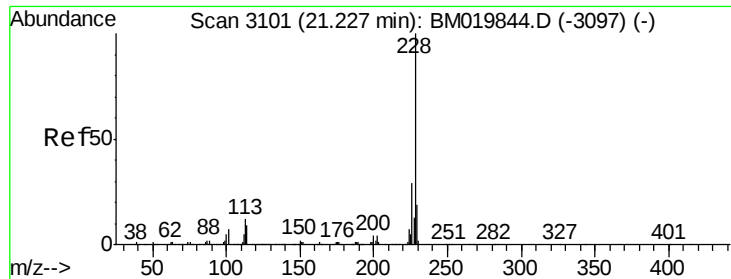
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#84
Bis(2-ethylhexyl)phthalate
Concen: 21.932 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.0	34.6
279	4.4	4.3	6.5





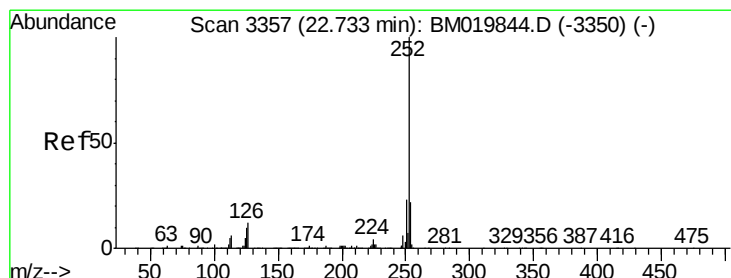
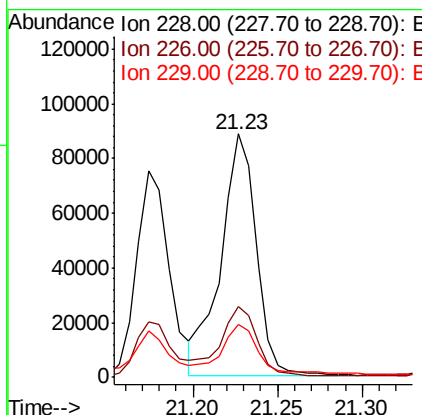
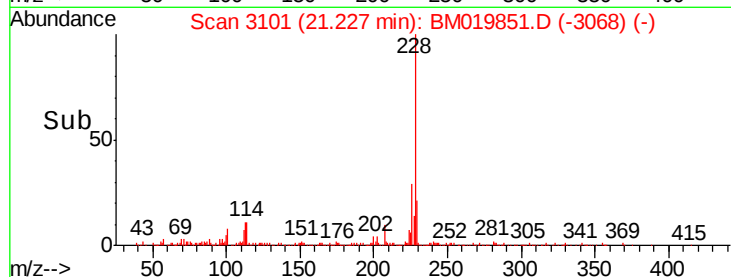
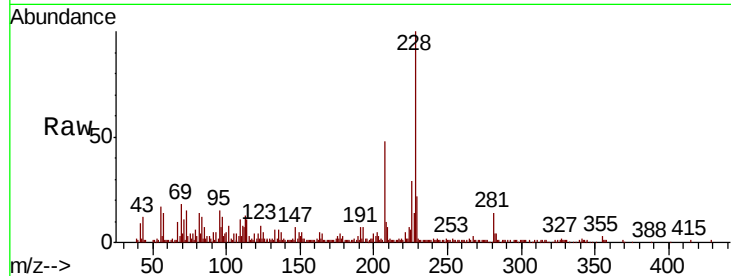
#85
Chrysene
Concen: 4.080 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampleId :
BFC47

Tot Ion:	228	Resp:	129776
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.1	36.1
229	21.8	16.0	24.0

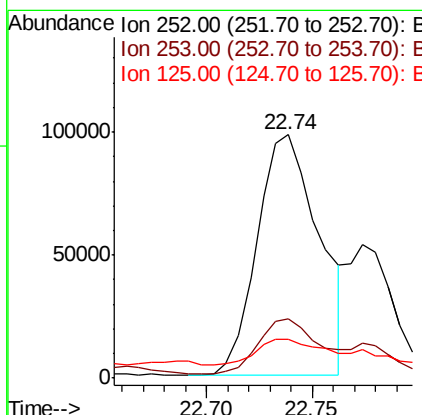
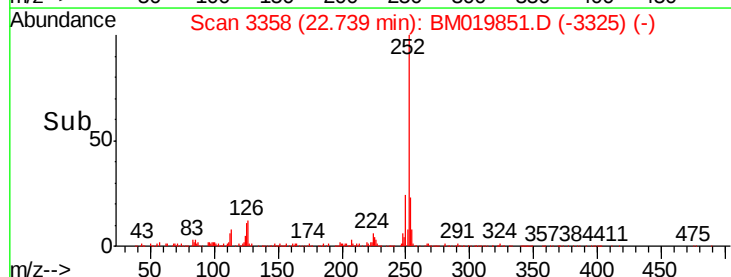
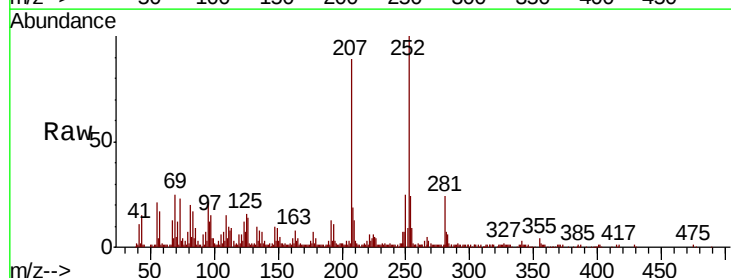
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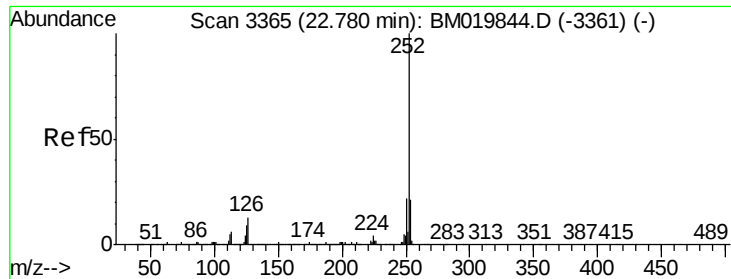
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#88
Benzo(b)fluoranthene
Concen: 5.052 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion:	252	Resp:	200039
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	16.1	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 2.070 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM019851.D

Acq: 10 Apr 2019 05:09

Instrument :

BNA_M

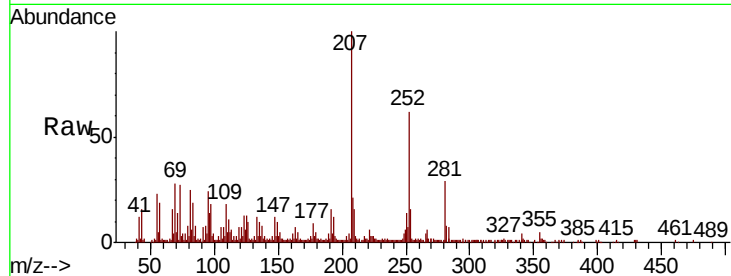
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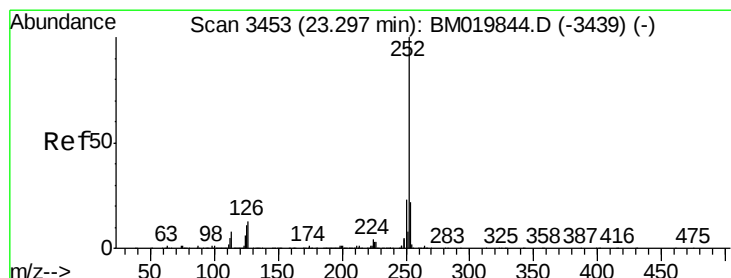
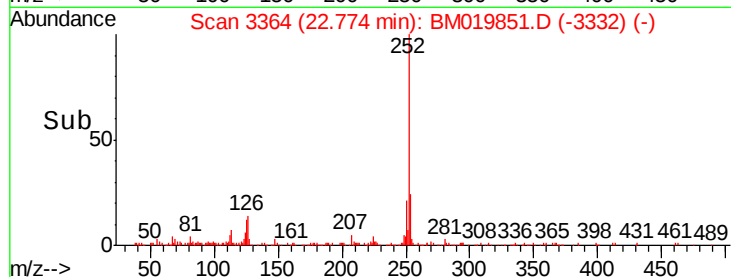
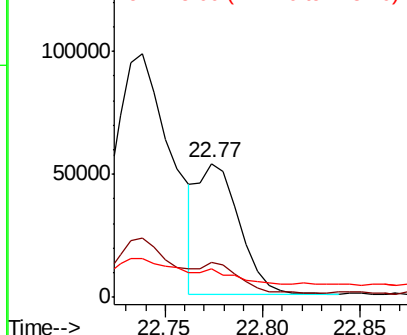
Tot Ion:	252	Resp:	78706
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.1	25.7#
125	21.0	5.4	8.0#

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



#91

Benzo(a)pyrene

Concen: 2.831 ng/ul

RT: 23.30 min Scan# 3453

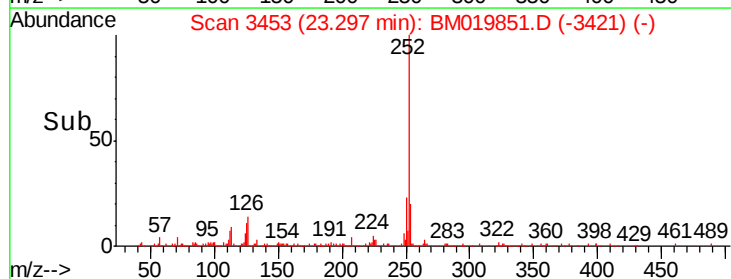
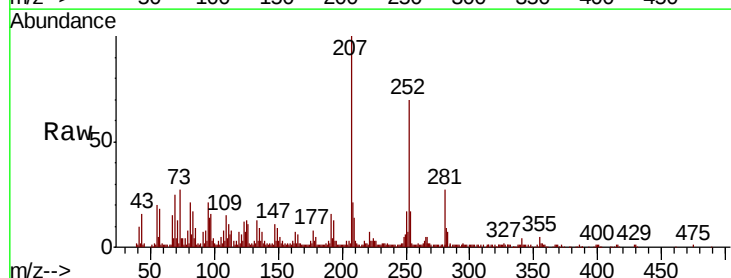
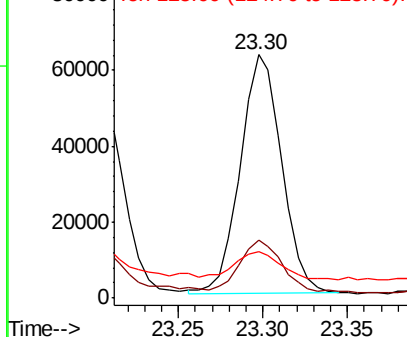
Delta R.T. -0.01 min

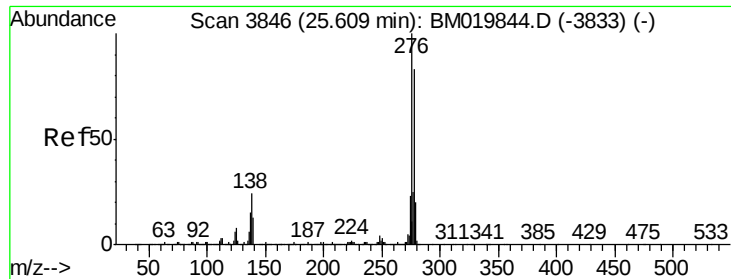
Lab File: BM019851.D

Acq: 10 Apr 2019 05:09

Tgt Ion:	252	Resp:	107154
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	19.2	5.8	8.6#

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





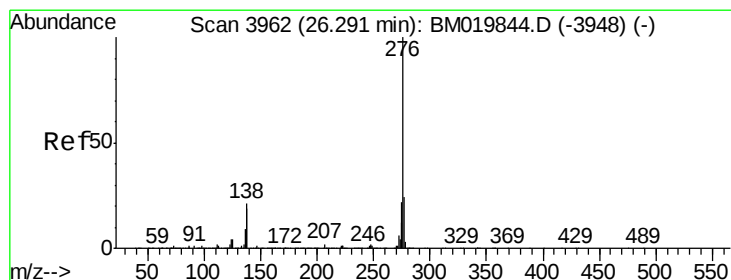
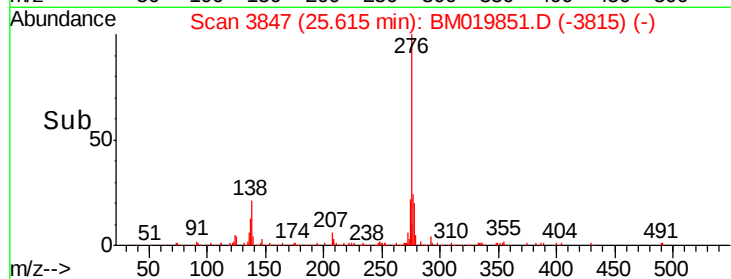
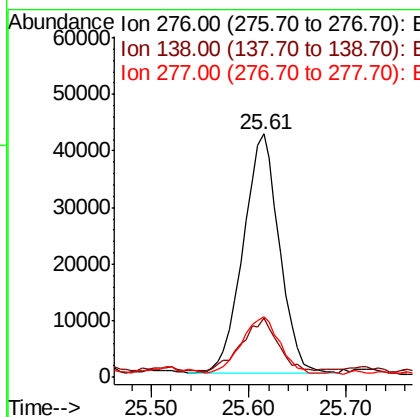
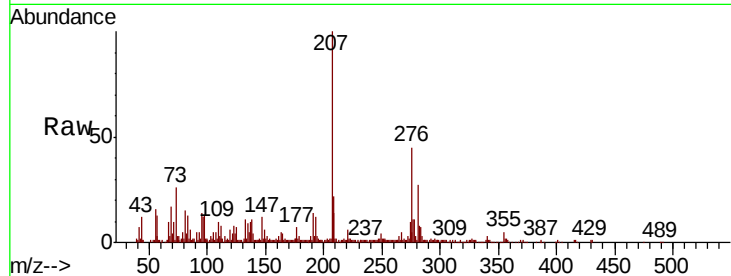
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.323 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Instrument :
BNA_M
ClientSampleId :
BFC47

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	10.9	16.3#
277	25.0	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/10/2019 6:19:11 PM



#94
Benzo(g,h,i)perylene
Concen: 2.355 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. -0.02 min
Lab File: BM019851.D
Acq: 10 Apr 2019 05:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	11.2	16.8#
277	28.4	19.0	28.6

