

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019406.D
 Acq On : 24 Mar 2019 23:37
 Operator : JU/SJ
 Sample : K2031-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S5

Manual Integrations
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 3/26/2019 6:29:28 PM

Quant Time: Mar 25 04:52:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	143051	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	603996	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	348789	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	788495	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	852938	20.00	ng/ul	-0.02
86) Perylene-d12	23.44	264	931055	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16606	4.54	ng/uL	0.00
5) Phenol-d5	6.79	99	170249	13.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	110887	13.00	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	137712	14.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	130775	13.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	60398	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	68363	14.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	123898	13.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	133985	12.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	432362	15.36	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	507214	14.41	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	42456	9.62	ng/ul	0.02
58) Fluorene-d10	15.26	176	379493	15.65	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	48294	9.26	ng/ul	0.00
71) Anthracene-d10	17.12	188	578771	15.30	ng/ul	-0.01
79) Pyrene-d10	19.43	212	618903	15.71	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	669227	13.56	ng/ul	-0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	80880	2.864 ng/ul	99
70) Phenanthrene	17.06	178	167521	3.747 ng/ul	99
77) Fluoranthene	19.09	202	322677	6.299 ng/ul#	88
80) Pyrene	19.46	202	265395	5.172 ng/ul#	85
81) Butylbenzylphthalate	20.36	149	157856	7.769 ng/ul	91
83) Benzo(a)anthracene	21.21	228	137955	2.687 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	86511	2.938 ng/ul	97
85) Chrysene	21.26	228	111200	2.257 ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	168119	2.964 ng/ul#	92
89) Benzo(k)fluoranthene	22.81	252	63467m	1.165 ng/ul	
91) Benzo(a)pyrene	23.34	252	112299	2.071 ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	25.67	276	81940	1.207 ng/ul#	93
94) Benzo(g,h,i)perylene	26.36	276	70626	1.245 ng/ul#	92

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

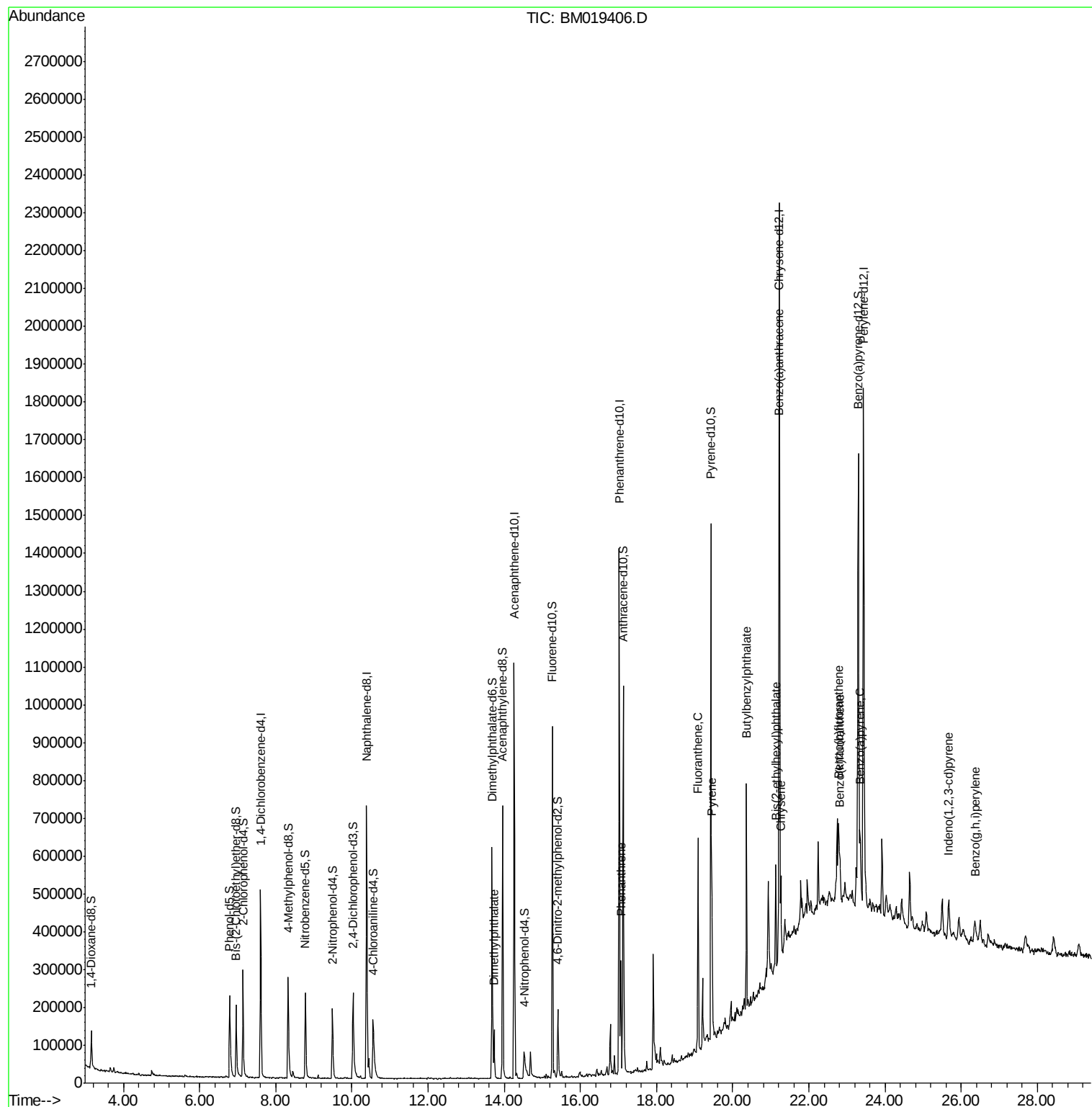
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019406.D
Acq On : 24 Mar 2019 23:37
Operator : JU/SJ
Sample : K2031-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

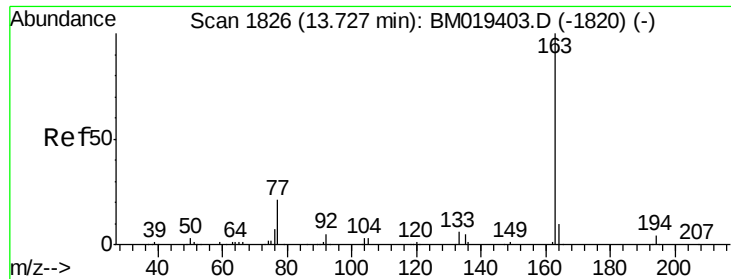
Instrument :
BNA_M
ClientSampleId :
BF5S5

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Quant Time: Mar 25 04:52:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





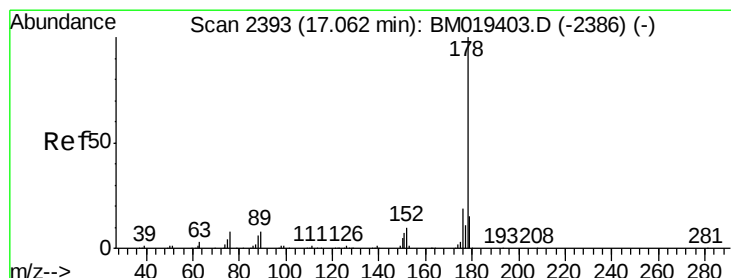
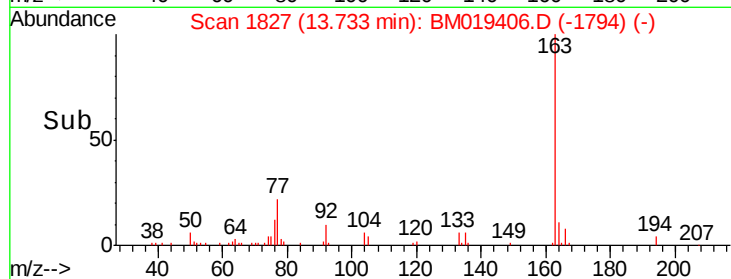
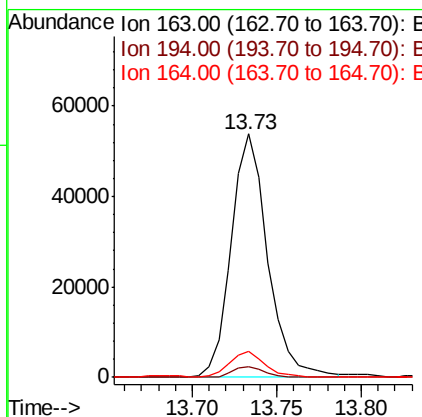
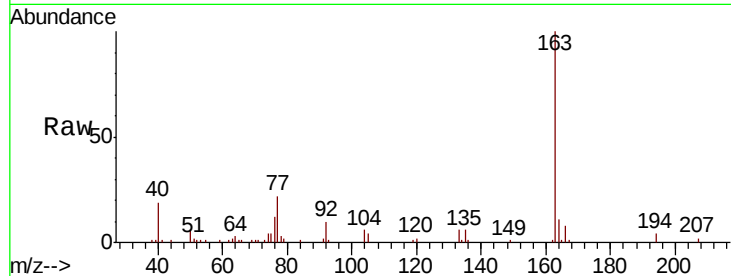
#45
Dimethylphthalate
Concen: 2.864 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Instrument :
BNA_M
ClientSampleId :
BF5S5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.8	8.4	12.6

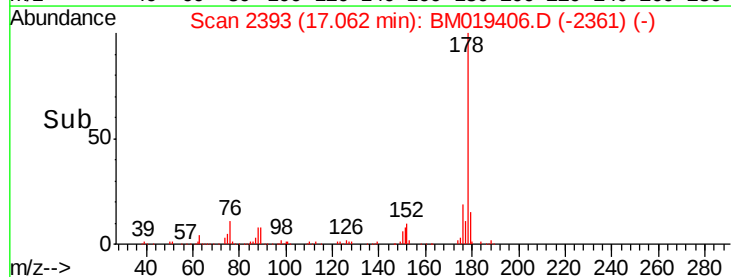
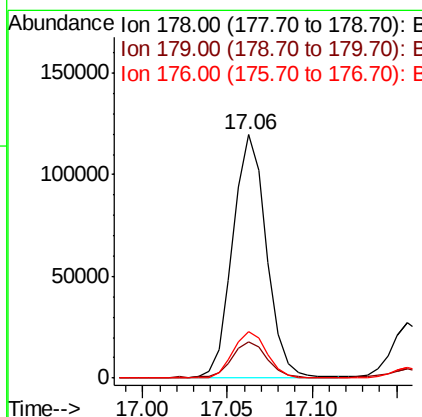
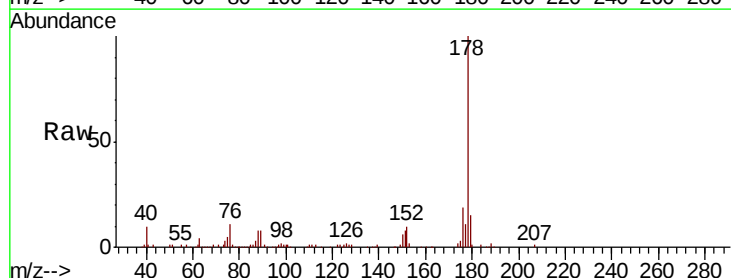
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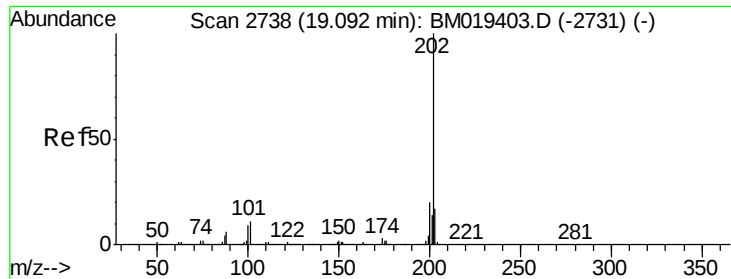
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#70
Phenanthrene
Concen: 3.747 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.9	15.4	23.0





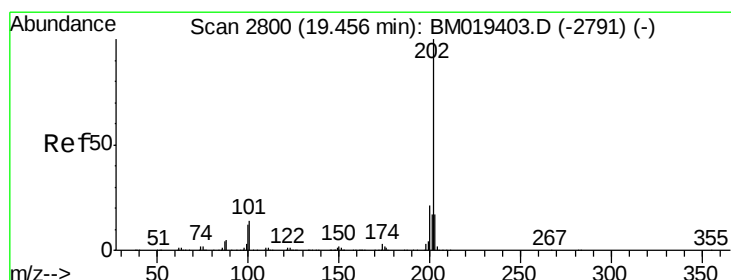
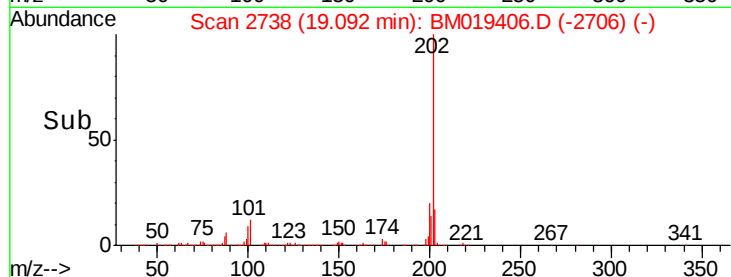
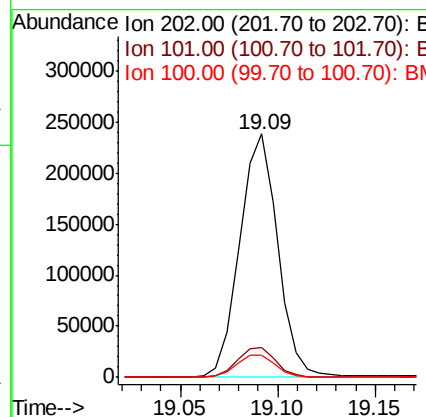
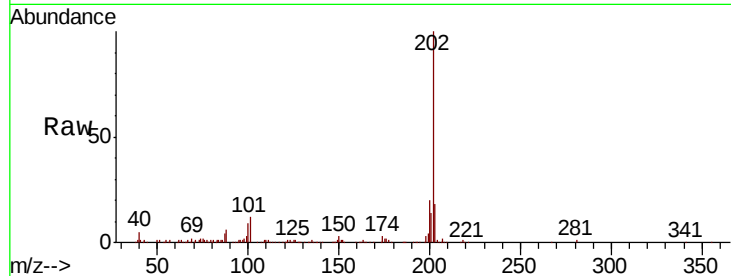
#77
Fluoranthene
 Concen: 6.299 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM019406.D
 Acq: 24 Mar 2019 23:37

Instrument :
 BNA_M
 ClientSampleId :
 BF5S5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	6.1	9.1#
100	9.2	4.6	7.0#

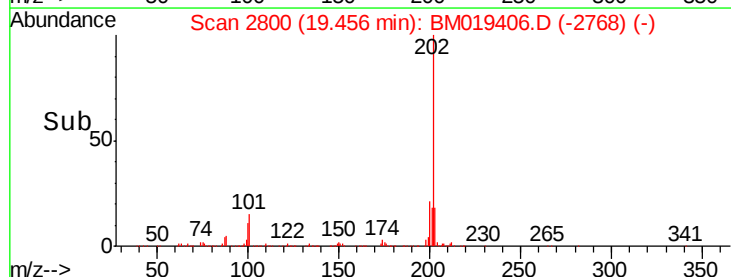
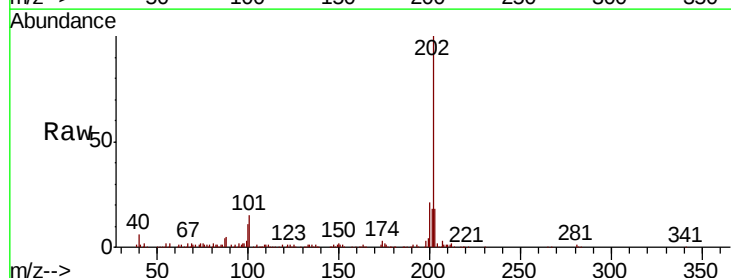
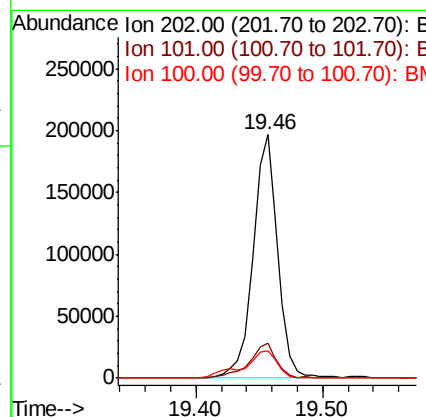
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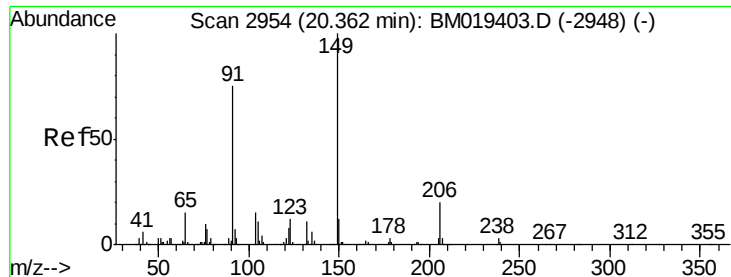
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#80
Pyrene
 Concen: 5.172 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM019406.D
 Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	6.9	10.3#
100	11.2	5.6	8.4#





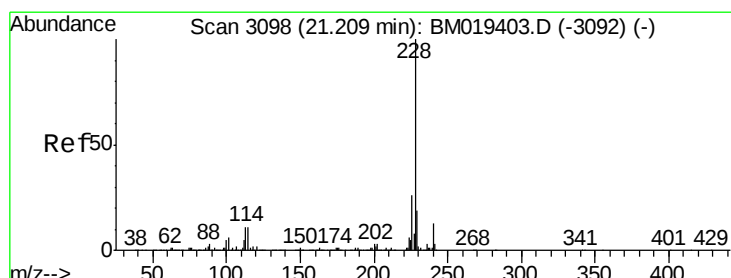
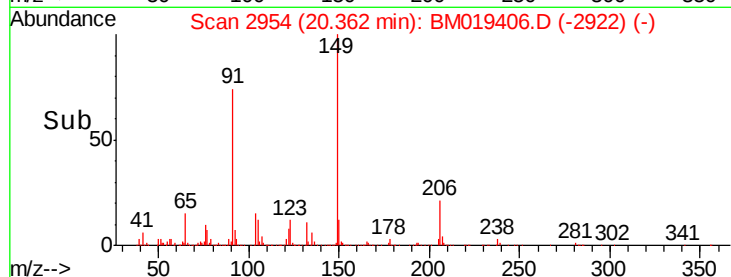
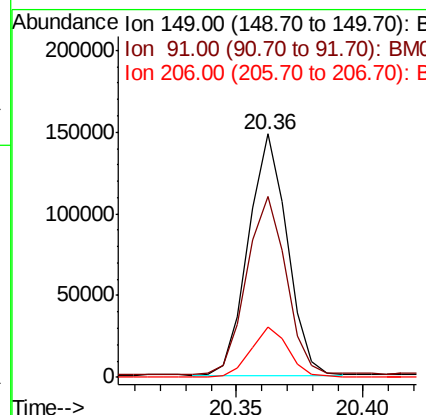
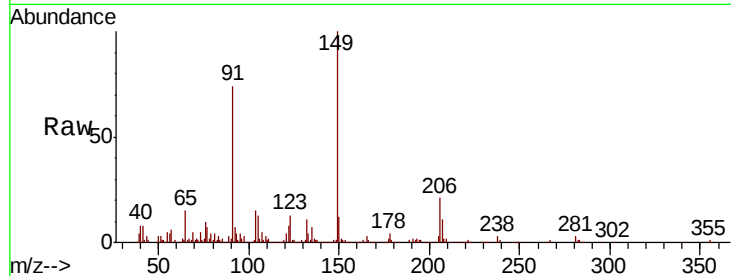
#81
Butylbenzylphthalate
Concen: 7.769 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Instrument :
BNA_M
ClientSampled :
BF5S5

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	53.4	80.0
206	20.9	19.3	28.9

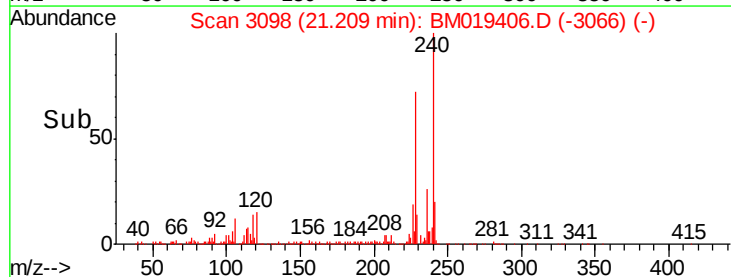
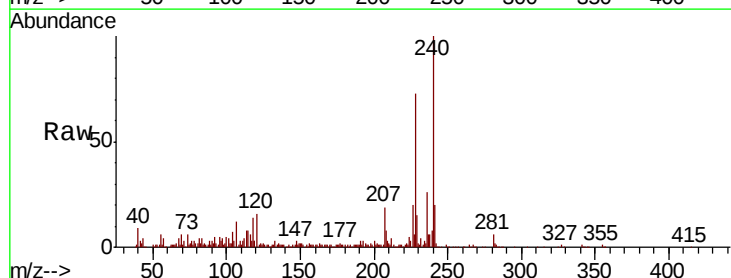
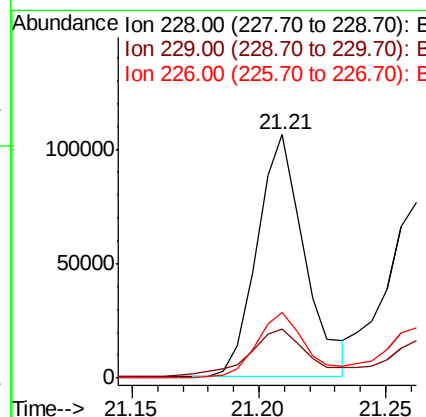
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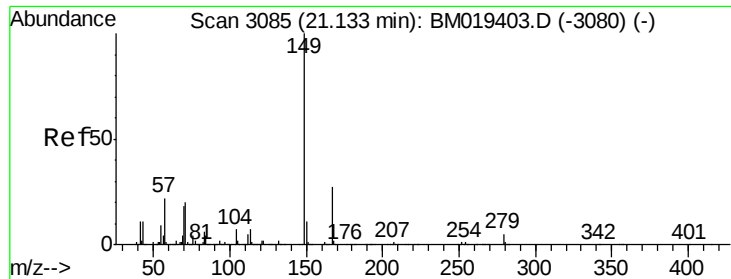
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#83
Benzo(a)anthracene
Concen: 2.687 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.0	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.938 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

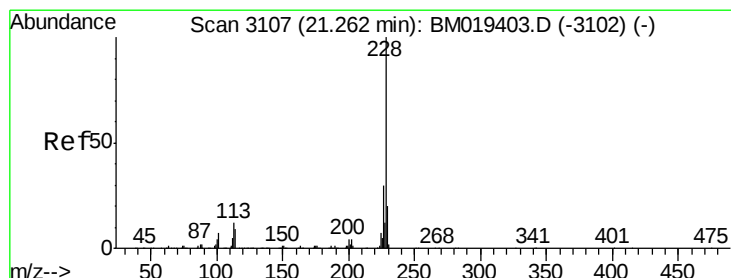
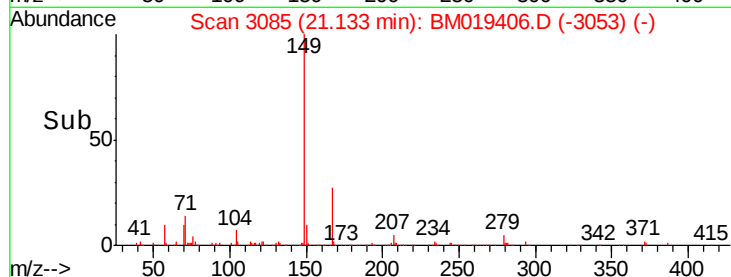
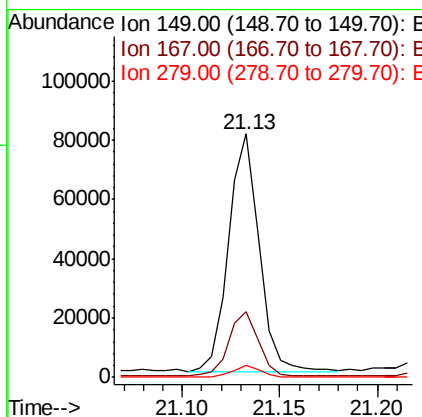
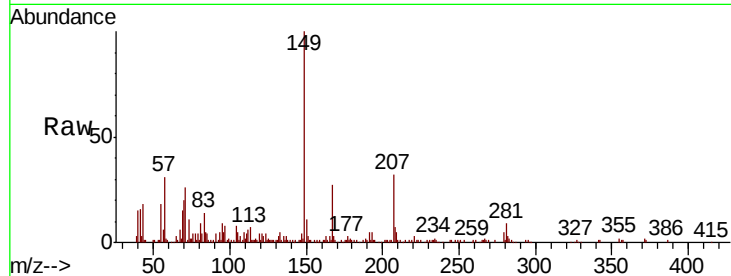
ClientSampled :

BF5S5

Tot Ion:	149	Resp:	86511
Ion Ratio	Lower	Upper	
149	100		
167	26.9	23.0	34.6
279	4.9	4.3	6.5

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#85

Chrysene

Concen: 2.257 ng/ul

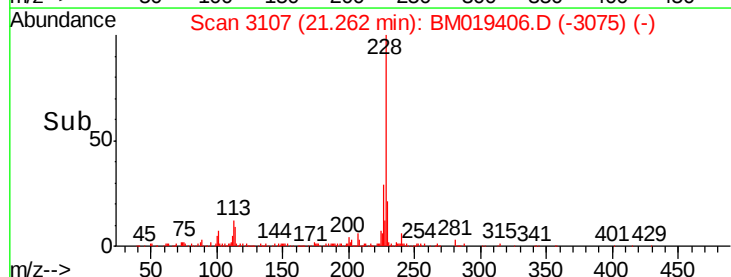
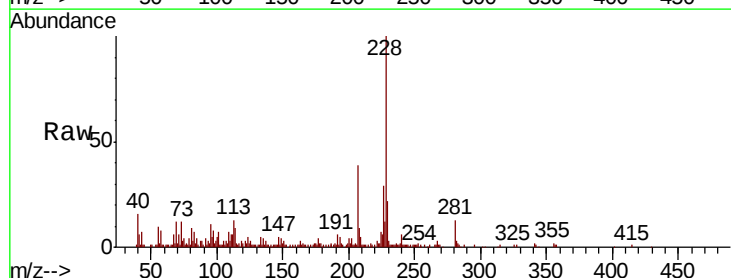
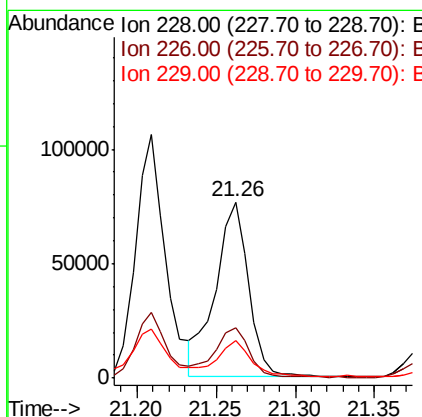
RT: 21.26 min Scan# 3107

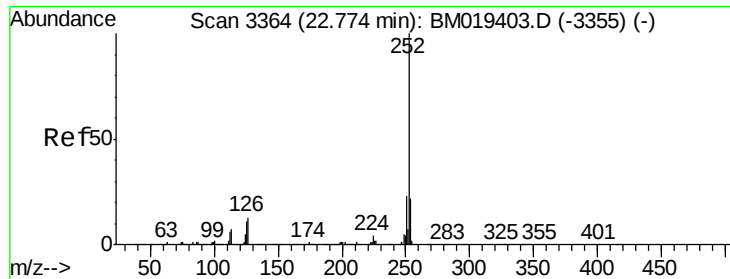
Delta R.T. -0.01 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Tgt Ion:	228	Resp:	111200
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.1	36.1
229	21.6	16.0	24.0





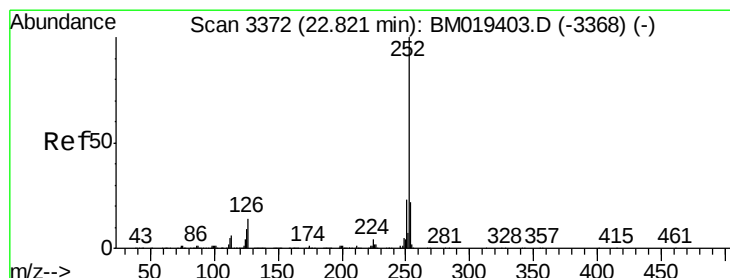
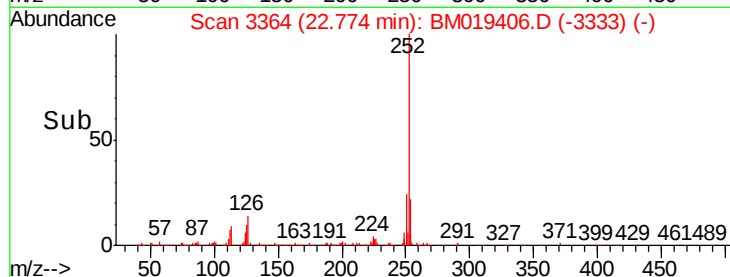
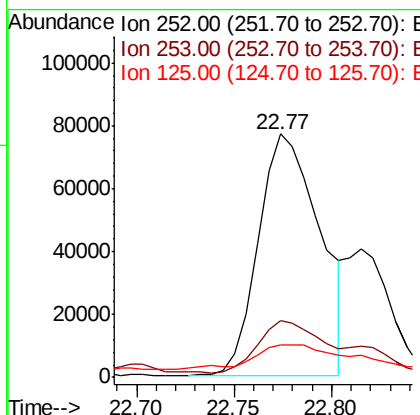
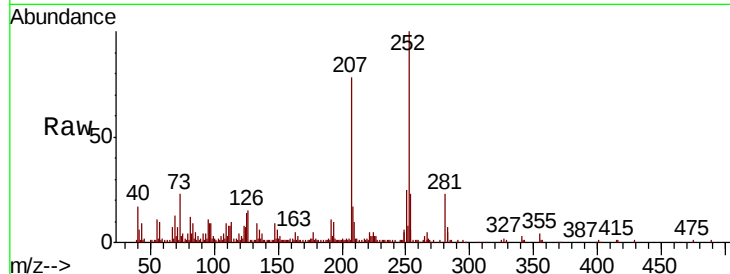
#88
Benzo(b)fluoranthene
Concen: 2.964 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Instrument :
BNA_M
ClientSampleId :
BF5S5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	168119		
253	23.5	17.4	26.0	
125	13.5	4.9	7.3#	

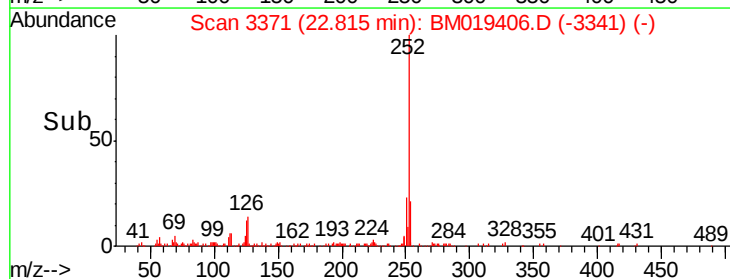
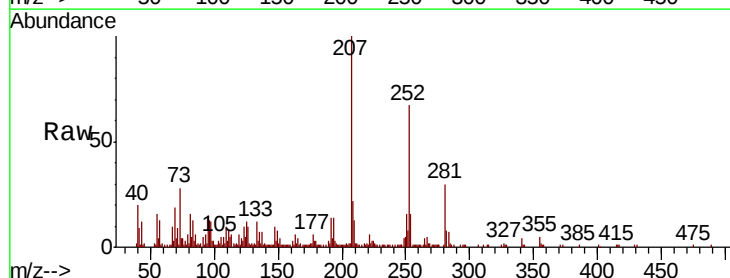
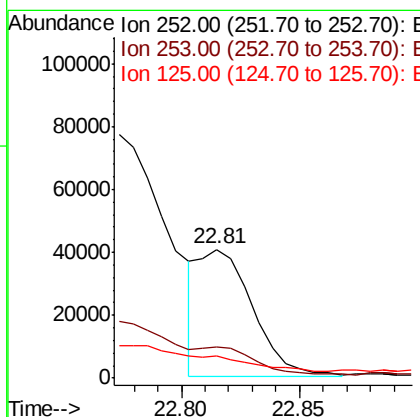
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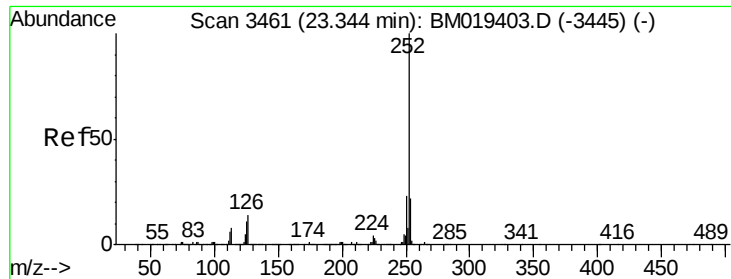
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#89
Benzo(k)fluoranthene
Concen: 1.165 ng/ul m
RT: 22.81 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM019406.D
Acq: 24 Mar 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63467		
253	23.9	17.1	25.7	
125	17.7	5.4	8.0#	





#91

Benzo(a)pyrene

Concen: 2.071 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.02 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

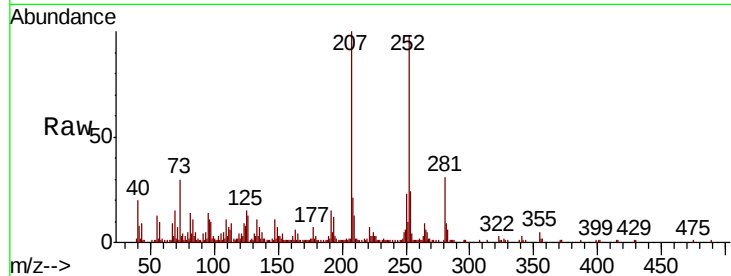
ClientSampleId :

BF5S5

Tot Ion:	252	Resp:	112299
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.2	25.8
125	15.5	5.8	8.6#

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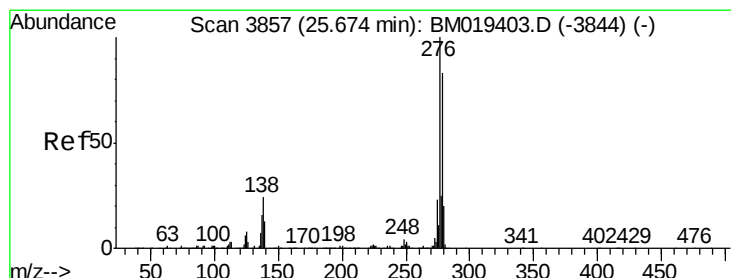
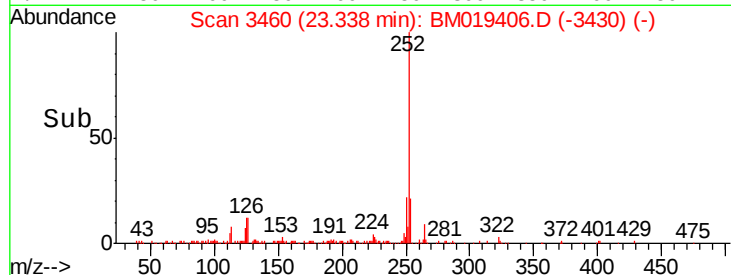
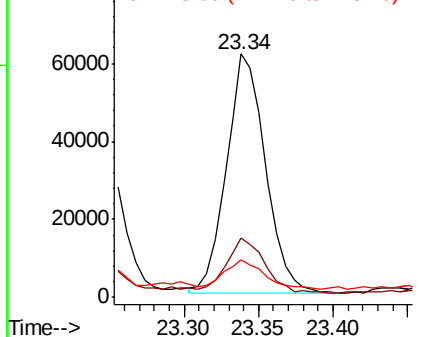


Abundance

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: 1.207 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.04 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

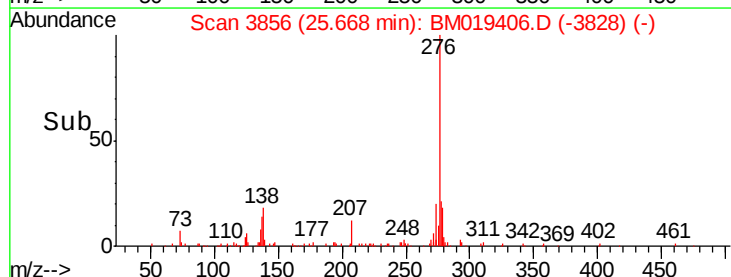
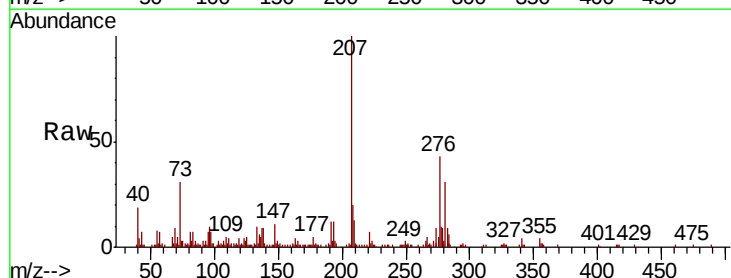
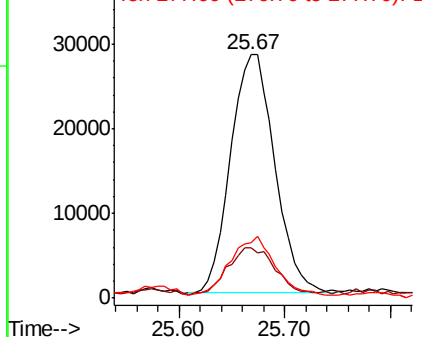
Tgt Ion:	276	Resp:	81940
Ion Ratio	Lower	Upper	
276	100		
138	20.4	10.9	16.3#
277	23.0	18.9	28.3

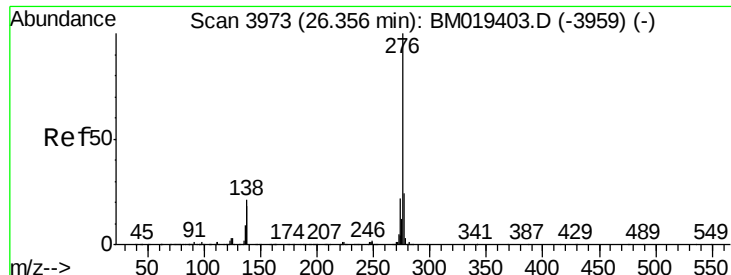
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 1.245 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. -0.02 min

Lab File: BM019406.D

Acq: 24 Mar 2019 23:37

Instrument :

BNA_M

ClientSampleId :

BF5S5

Tot Ion:	276	Resp:	70626
Ion Ratio	Lower	Upper	
276	100		
138	21.3	11.2	16.8#
277	24.8	19.0	28.6

Manual Integrations
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