

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019500.D
 Acq On : 27 Mar 2019 09:20
 Operator : JU/SJ
 Sample : K2031-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5R8

Manual Integrations
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 3/28/2019 5:13:09 PM

Quant Time: Mar 28 04:49:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	219314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	901156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	465638	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	861883	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	826230	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	972738	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	25987	4.64	ng/uL	0.00
5) Phenol-d5	6.79	99	239045	12.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	161306	12.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	201422	13.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	171900	11.73	ng/ul	0.01
19) Nitrobenzene-d5	8.77	128	98234	15.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	99807	13.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	179581	13.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	185518	11.44	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	582697	15.51	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	693699	14.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23985m	4.07	ng/ul	0.04
58) Fluorene-d10	15.26	176	460209	14.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	2625	0.46	ng/ul	0.02
71) Anthracene-d10	17.12	188	611740	14.79	ng/ul	0.00
79) Pyrene-d10	19.43	212	575334	15.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	659263	12.78	ng/ul	0.02

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.73	163	111745	2.964	ng/ul	98
77) Fluoranthene	19.09	202	165146	2.949	ng/ul#	84
80) Pyrene	19.46	202	167162	3.363	ng/ul#	84
81) Butylbenzylphthalate	20.36	149	206997	10.517	ng/ul	92
83) Benzo(a)anthracene	21.22	228	104956	2.111	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.13	149	217022	7.608	ng/ul	98
85) Chrysene	21.27	228	113392	2.376	ng/ul#	94
88) Benzo(b)fluoranthene	22.79	252	241751	4.080	ng/ul#	85
89) Benzo(k)fluoranthene	22.82	252	71790m	1.262	ng/ul	
91) Benzo(a)pyrene	23.36	252	158872	2.805	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.69	276	134634	1.898	ng/ul#	86
94) Benzo(g,h,i)perylene	26.38	276	124262	2.096	ng/ul#	83

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

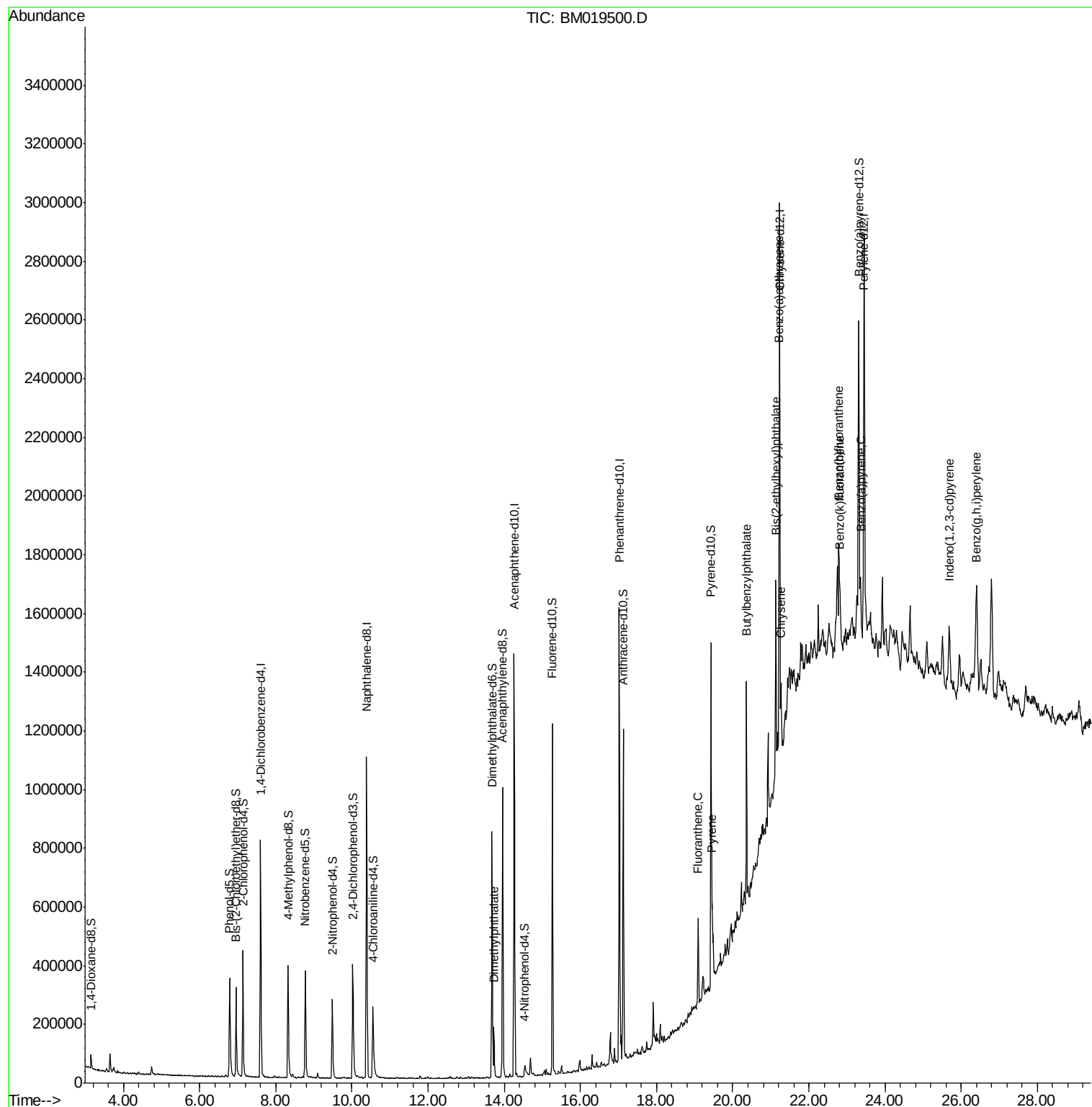
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019500.D
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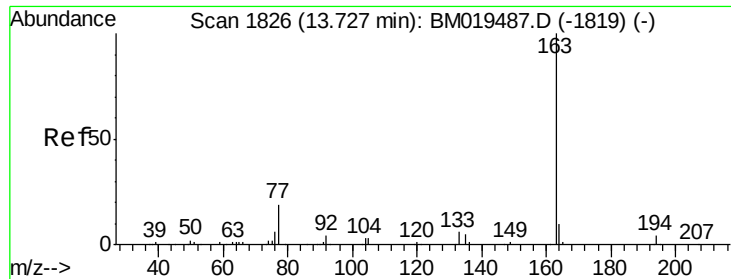
Instrument :
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BF5R8

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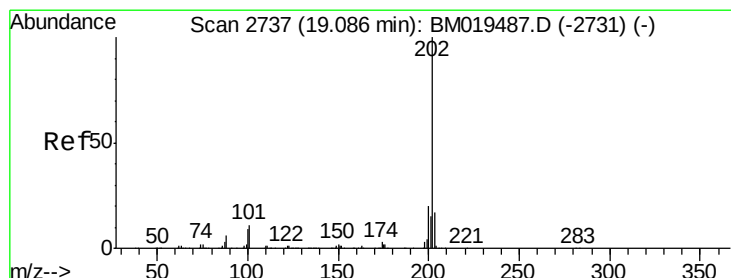
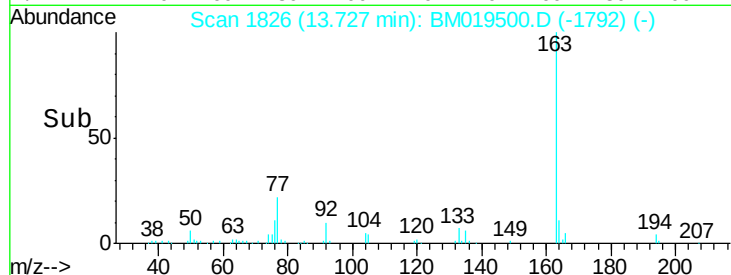
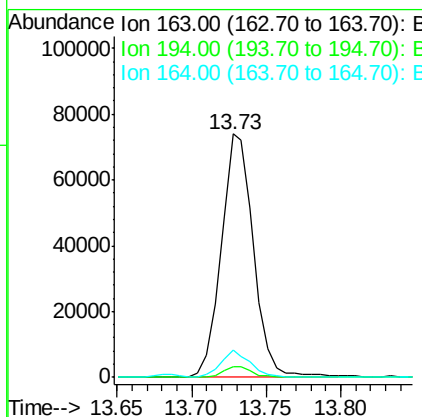
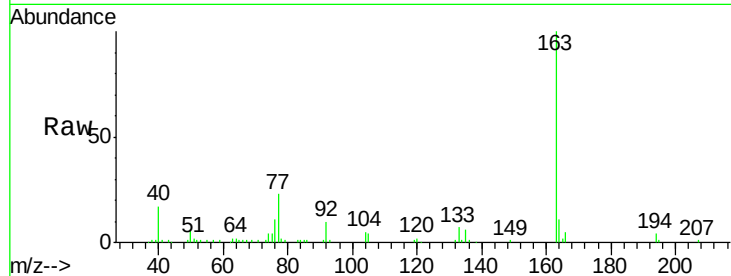
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Dimethylphthalate
Concen: 2.964 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Instrument :
BNA_M
ClientSampled :
BF5R8

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	111745		
194	4.3	4.0	6.0	
164	11.3	8.4	12.6	

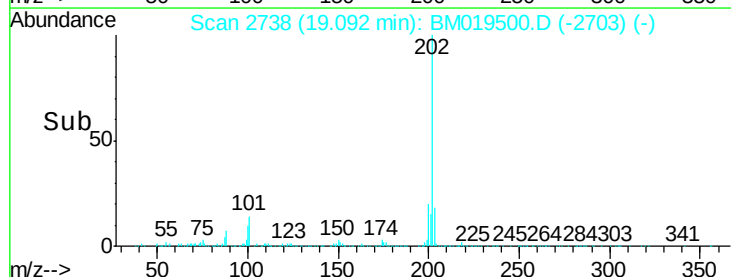
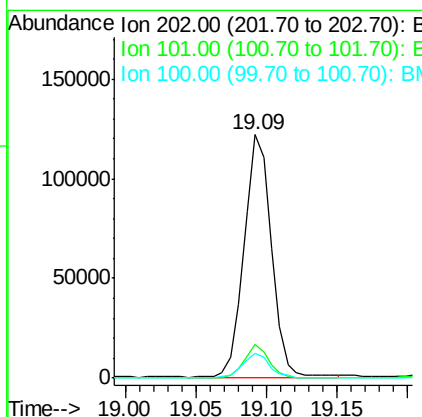
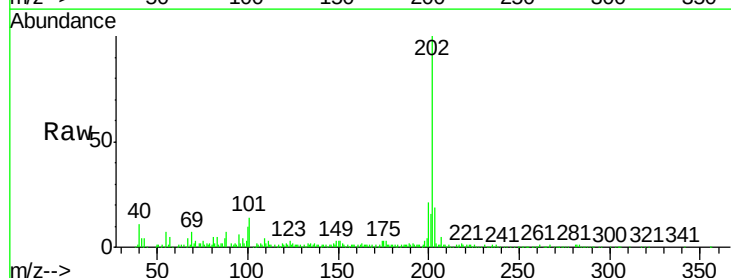
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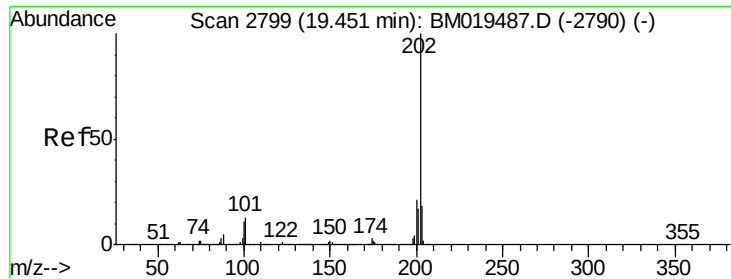
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#77
Fluoranthene
Concen: 2.949 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	165146		
101	14.0	6.1	9.1#	
100	10.4	4.6	7.0#	





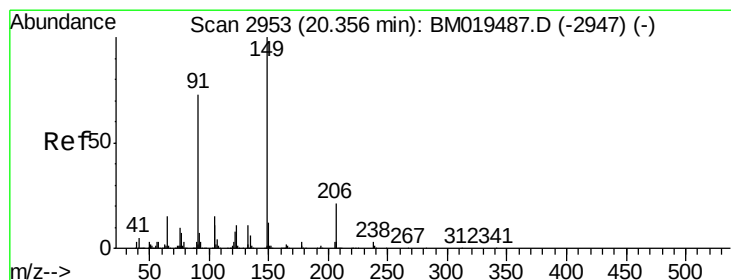
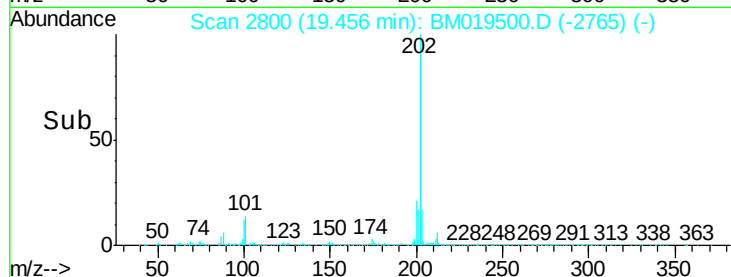
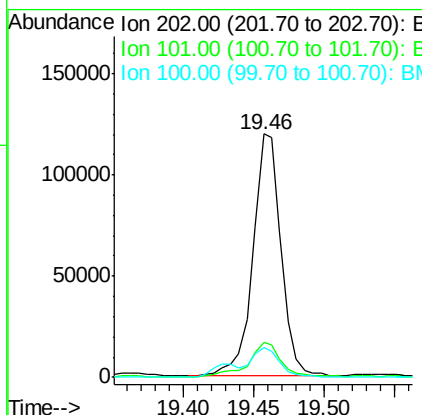
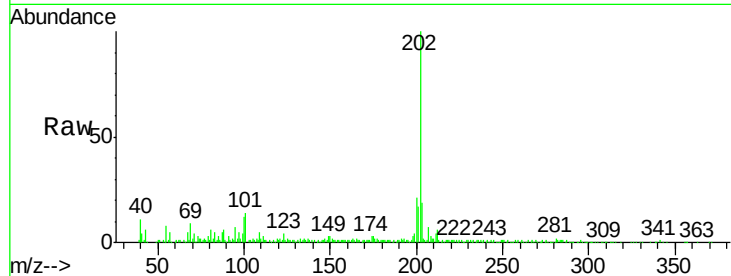
#80
 Pyrene
 Concen: 3.363 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. 0.01 min
 Lab File: BM019500.D
 Acq: 27 Mar 2019 09:20

Instrument :
 BNA_M
 ClientSampleId :
 BF5R8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	6.9	10.3#
100	12.1	5.6	8.4#

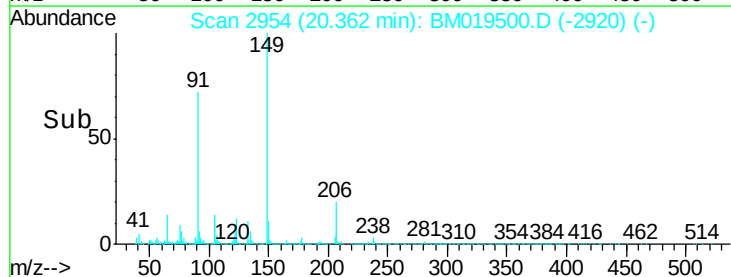
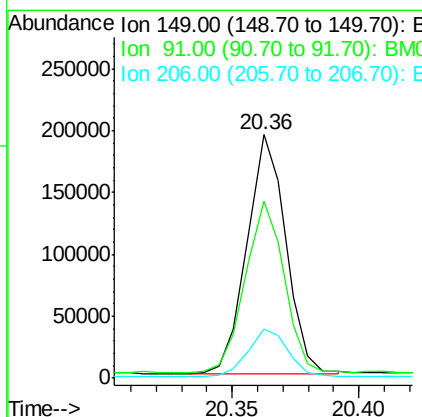
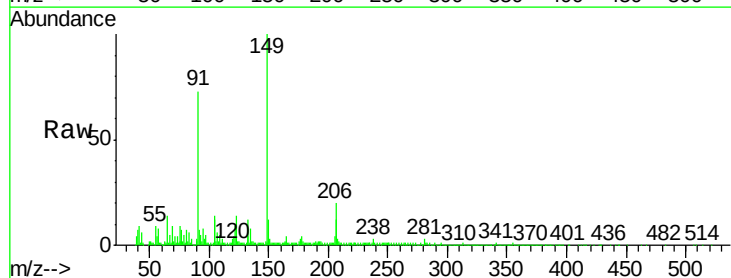
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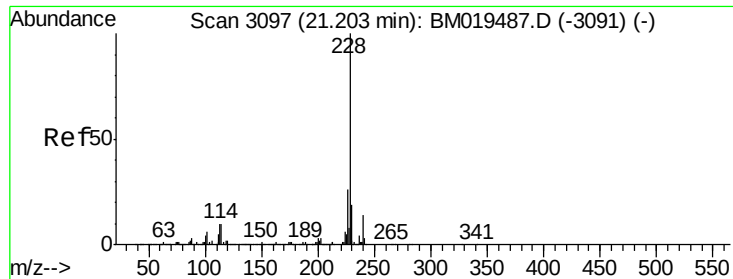
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#81
 Butylbenzylphthalate
 Concen: 10.517 ng/ul
 RT: 20.36 min Scan# 2954
 Delta R.T. 0.00 min
 Lab File: BM019500.D
 Acq: 27 Mar 2019 09:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.9	53.4	80.0
206	20.4	19.3	28.9





#83

Benzo(a)anthracene

Concen: 2.111 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM019500.D

Acq: 27 Mar 2019 09:20

Instrument :

BNA_M

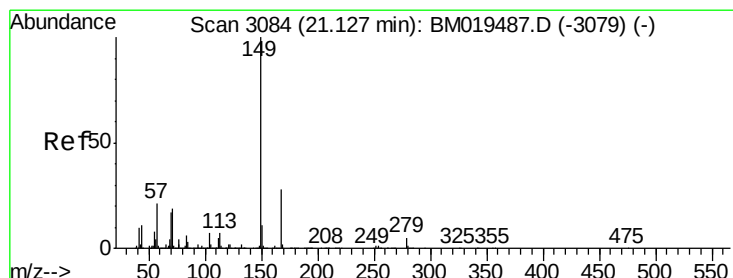
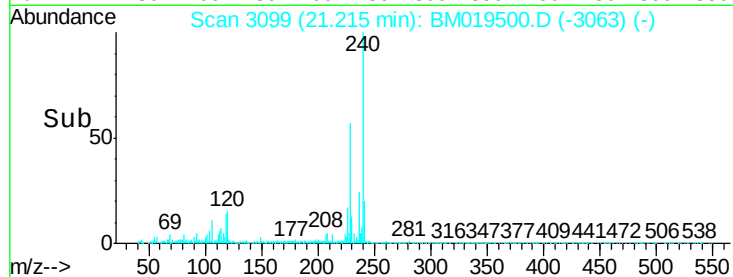
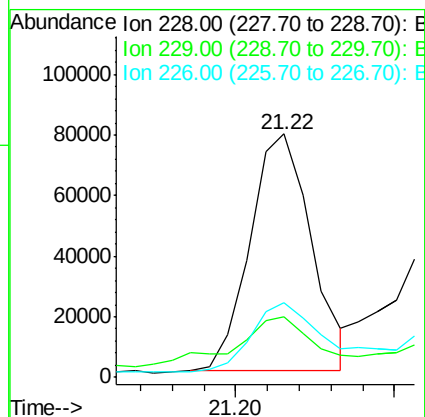
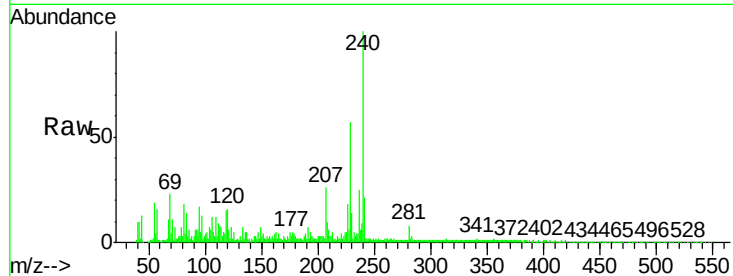
ClientSampleId :

BF5R8

Tgt Ion:	228	Resp:	104956
Ion Ratio	Lower	Upper	
228	100		
229	24.9	16.0	24.0#
226	30.6	21.8	32.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.608 ng/ul

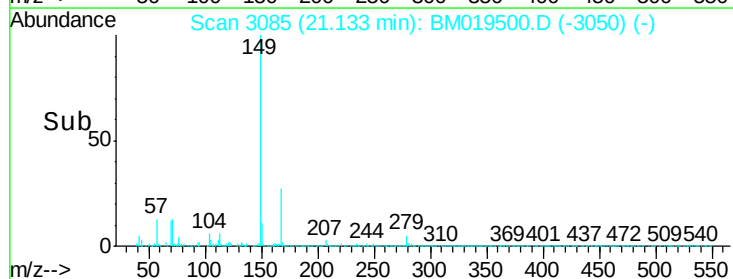
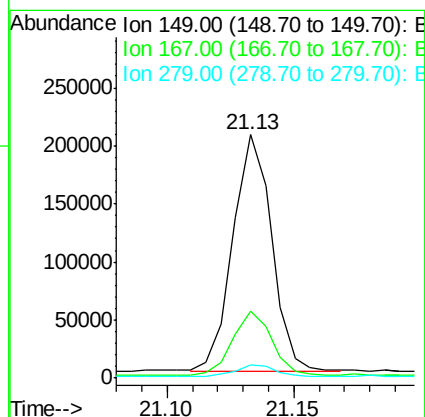
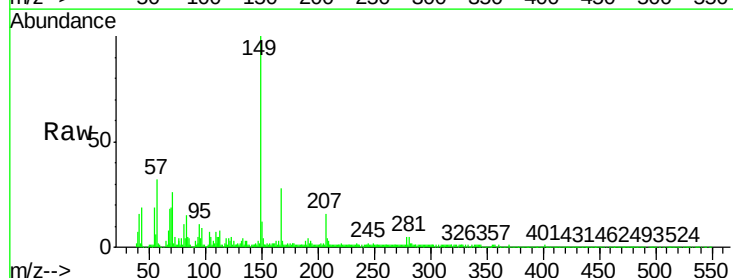
RT: 21.13 min Scan# 3085

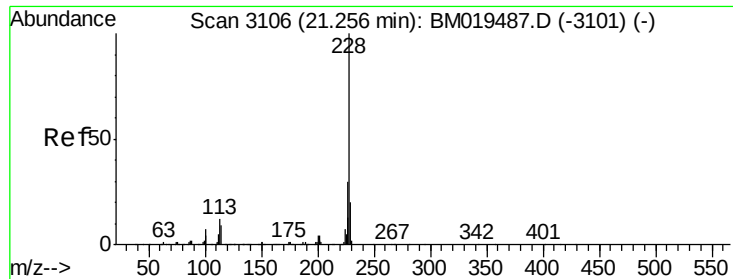
Delta R.T. 0.01 min

Lab File: BM019500.D

Acq: 27 Mar 2019 09:20

Tgt Ion:	149	Resp:	217022
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.0	34.6
279	5.3	4.3	6.5





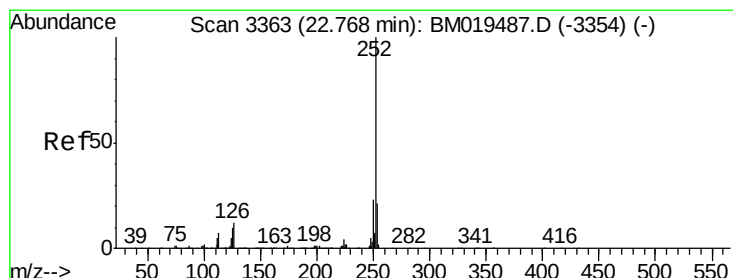
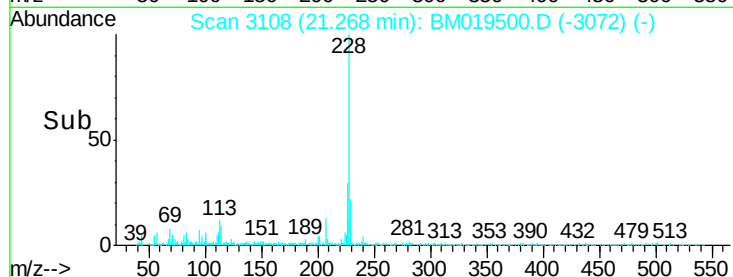
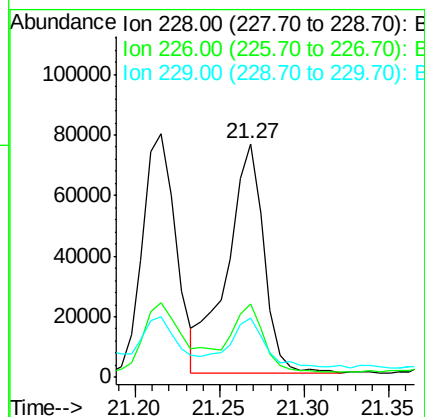
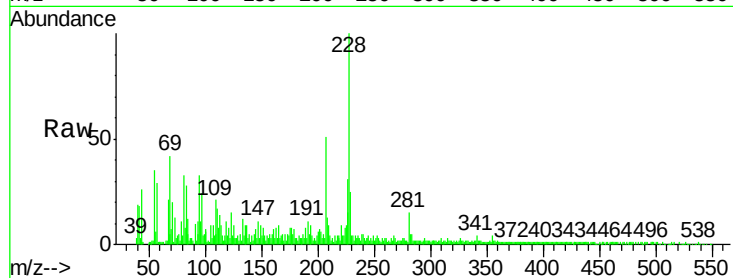
#85
Chrysene
Concen: 2.376 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Instrument :
BNA_M
ClientSampleId :
BF5R8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	113392		
226	31.2	24.1	36.1	
229	25.4	16.0	24.0	

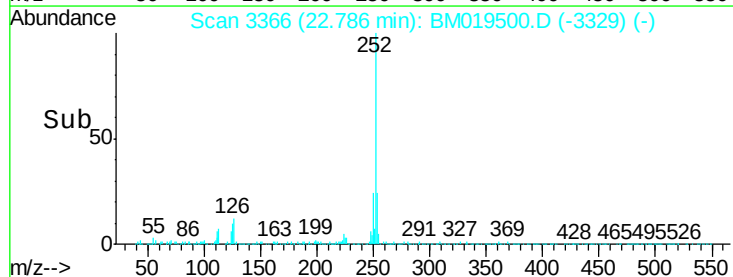
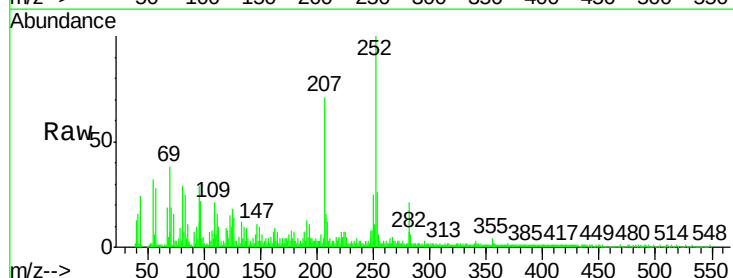
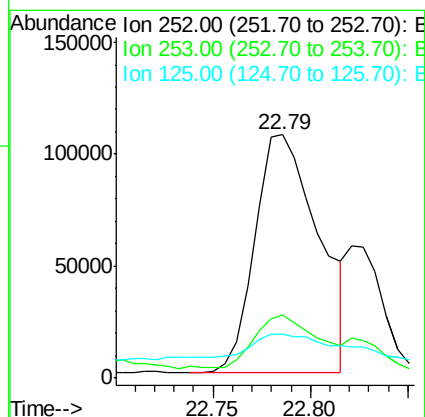
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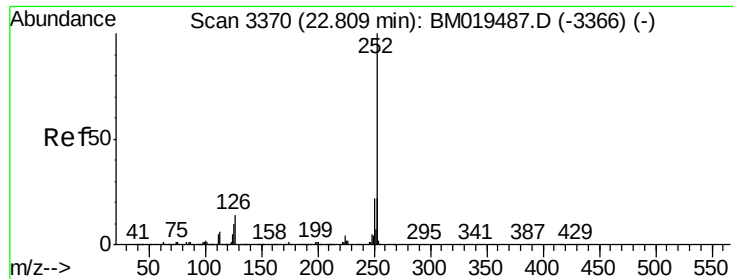
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#88
Benzo(b)fluoranthene
Concen: 4.080 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	241751		
253	26.0	17.4	26.0	
125	18.2	4.9	7.3	





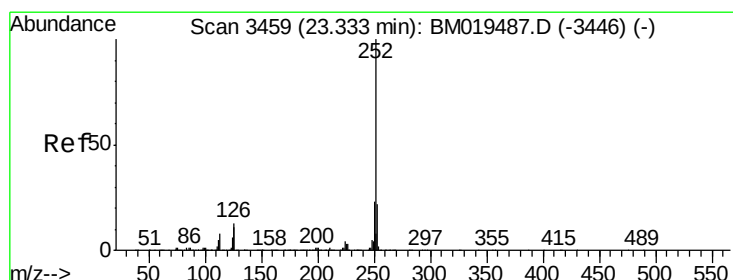
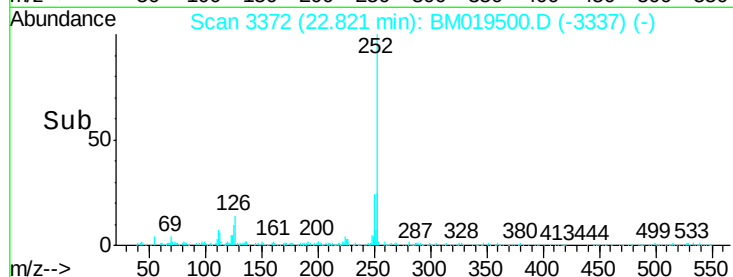
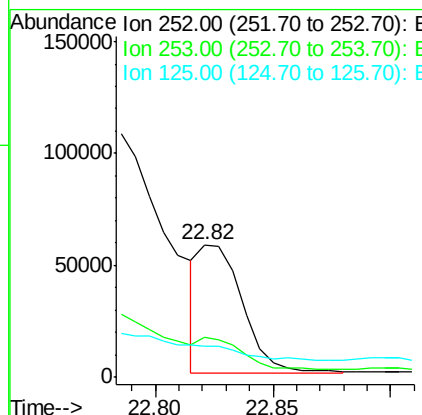
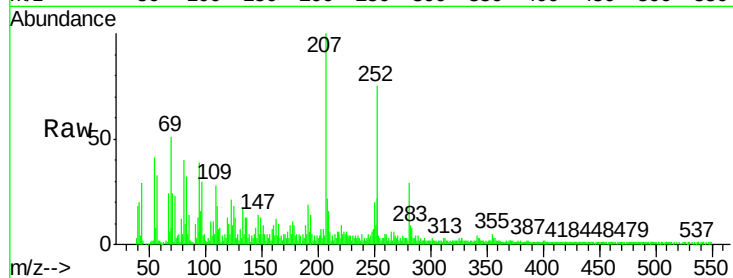
#89
Benzo(k)fluoranthene
Concen: 1.262 ng/ul m
RT: 22.82 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Instrument :
BNA_M
ClientSampleId :
BF5R8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.1	25.7#
125	23.4	5.4	8.0#

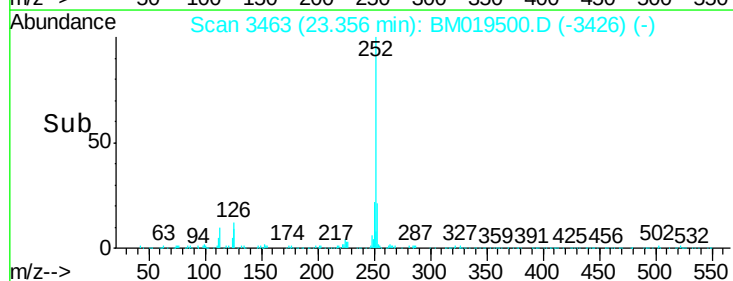
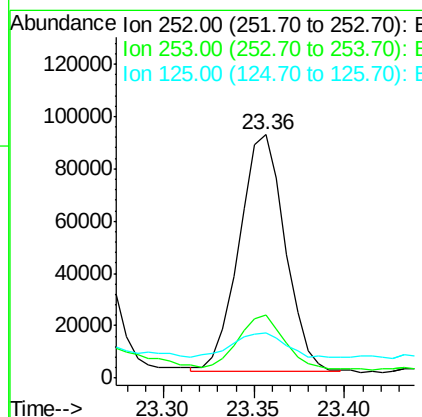
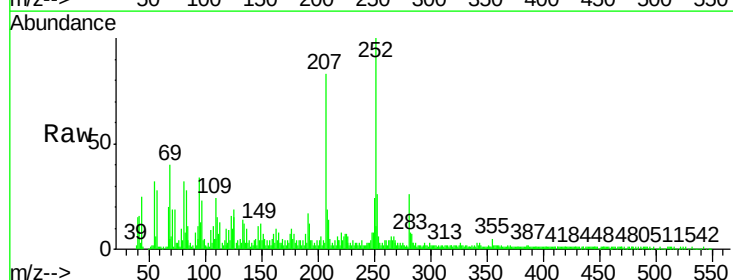
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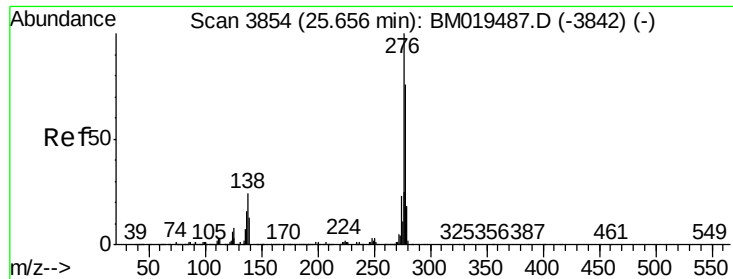
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#91
Benzo(a)pyrene
Concen: 2.805 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.02 min
Lab File: BM019500.D
Acq: 27 Mar 2019 09:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	18.6	5.8	8.6#





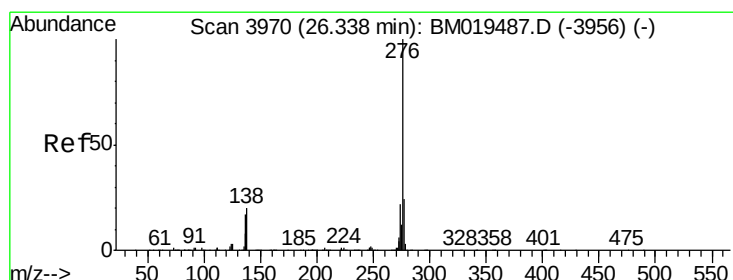
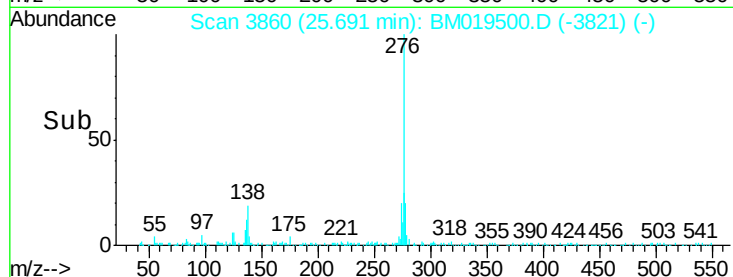
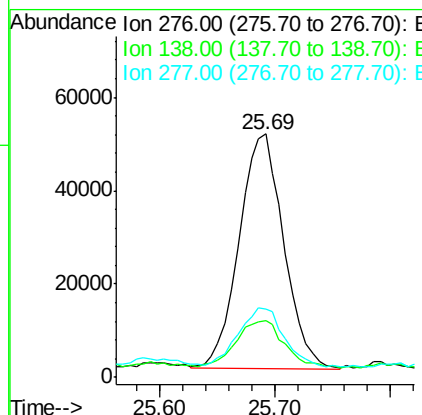
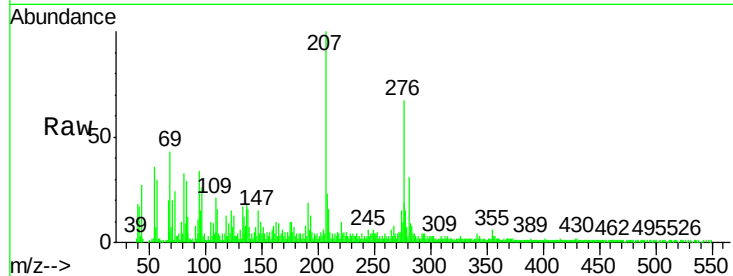
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.898 ng/ul
 RT: 25.69 min Scan# 3860
 Delta R.T. 0.03 min
 Lab File: BM019500.D
 Acq: 27 Mar 2019 09:20

Instrument :
 BNA_M
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 BF5R8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.9	16.3#
277	27.8	18.9	28.3

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 2.096 ng/ul
 RT: 26.38 min Scan# 3977
 Delta R.T. 0.03 min
 Lab File: BM019500.D
 Acq: 27 Mar 2019 09:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	11.2	16.8#
277	28.5	19.0	28.6

