

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019492.D
 Acq On : 27 Mar 2019 04:27
 Operator : JU/SJ
 Sample : K2031-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S4

Manual Integrations
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 3/27/2019 5:46:41 PM

Quant Time: Mar 27 05:36:20 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	163872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	654410	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	338146	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	694205	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	722042	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	816593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20858	4.98	ng/uL	0.00
5) Phenol-d5	6.78	99	161433	11.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	107609	11.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	134205	12.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	100963	9.22	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	57352	12.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	66520	12.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	112503	11.48	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	82065	6.97	ng/ul	0.02
44) Dimethylphthalate-d6	13.67	166	381223	13.97	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	445226	13.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	36266m	8.48	ng/ul	0.02
58) Fluorene-d10	15.26	176	321832	13.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	38027	8.28	ng/ul	0.00
71) Anthracene-d10	17.12	188	454826	13.65	ng/ul	0.00
79) Pyrene-d10	19.42	212	466900	14.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	520648	12.03	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.81	94	48053	3.156	ng/ul	97
45) Dimethylphthalate	13.73	163	103788	3.791	ng/ul#	95
70) Phenanthrene	17.06	178	201382	5.116	ng/ul	98
72) Anthracene	17.15	178	49880	1.242	ng/ul	99
76) Di-n-butylphthalate	17.99	149	107149	2.684	ng/ul	98
77) Fluoranthene	19.09	202	331116	7.341	ng/ul#	89
80) Pyrene	19.45	202	282180	6.496	ng/ul#	85
81) Butylbenzylphthalate	20.36	149	723552	42.068	ng/ul	92
83) Benzo(a)anthracene	21.20	228	164488	3.785	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	233165	9.353	ng/ul	95
85) Chrysene	21.26	228	164113	3.936	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	239164	4.808	ng/ul#	90
89) Benzo(k)fluoranthene	22.81	252	79557	1.666	ng/ul#	82
91) Benzo(a)pyrene	23.33	252	156748	3.296	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.66	276	122385	2.055	ng/ul#	89
94) Benzo(g,h,i)perylene	26.34	276	107098	2.152	ng/ul#	88

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

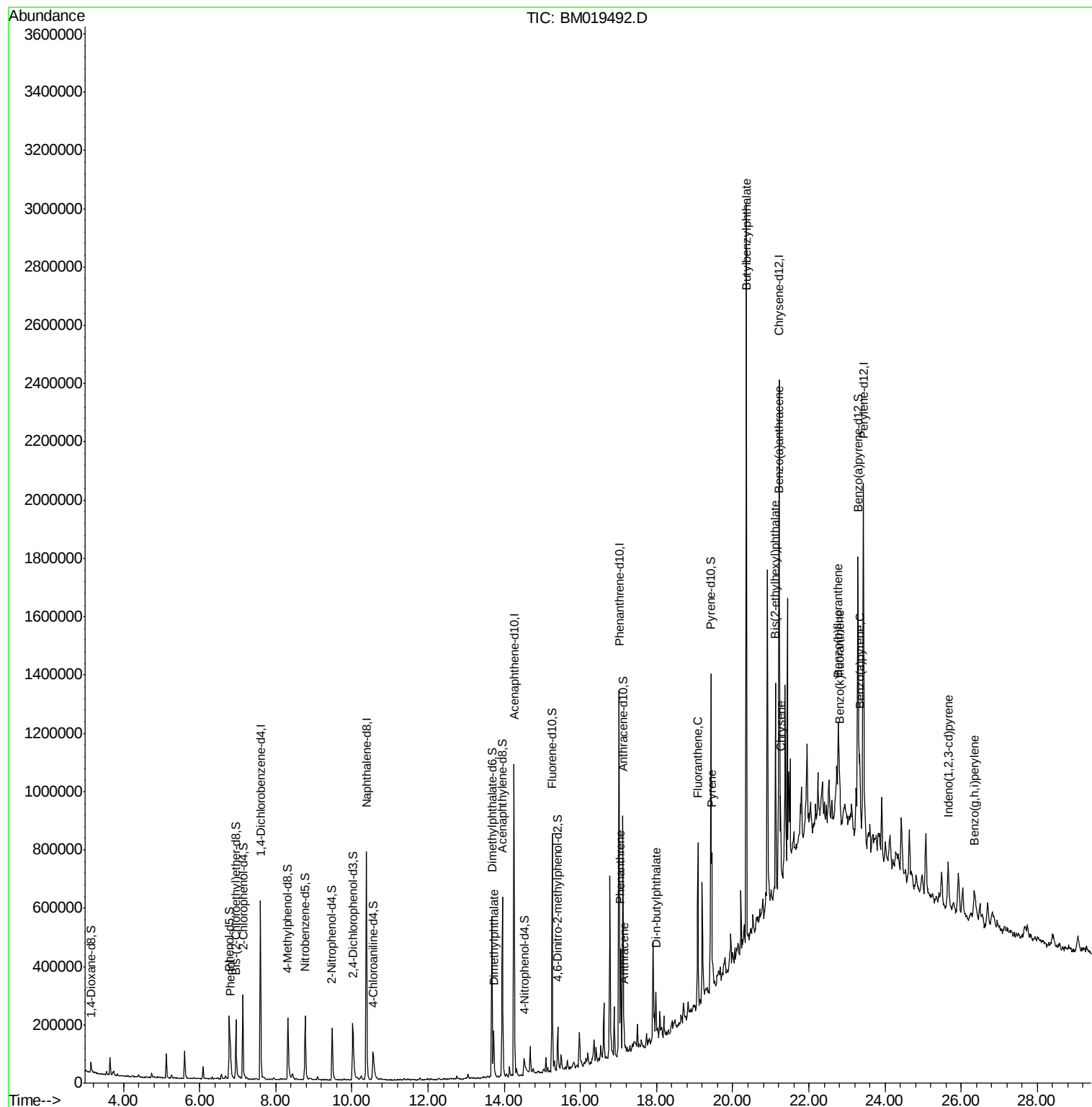
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019492.D
Acq On : 27 Mar 2019 04:27
Operator : JU/SJ
Sample : K2031-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

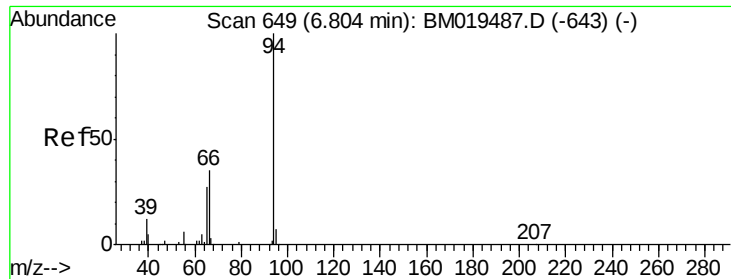
Instrument :
BNA_M
ClientSampleId :
BF5S4

Quant Time: Mar 27 05:36:20 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

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#6

Phenol

Concen: 3.156 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM019492.D

Acq: 27 Mar 2019 04:27

Instrument :

BNA_M

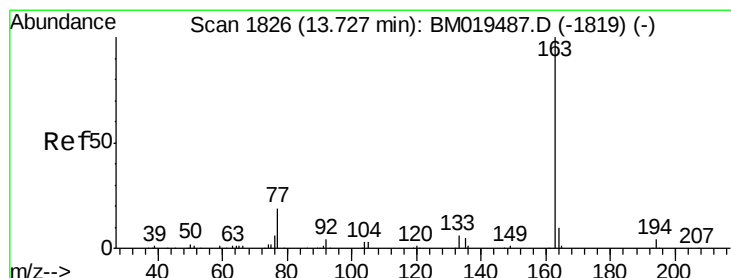
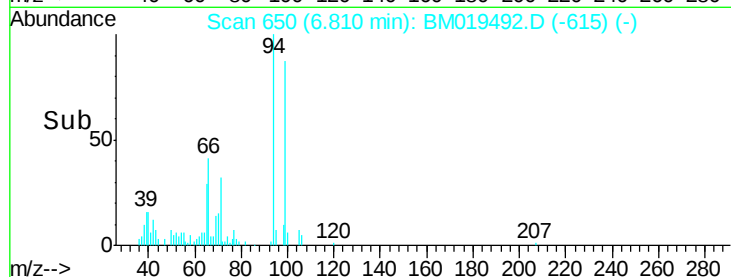
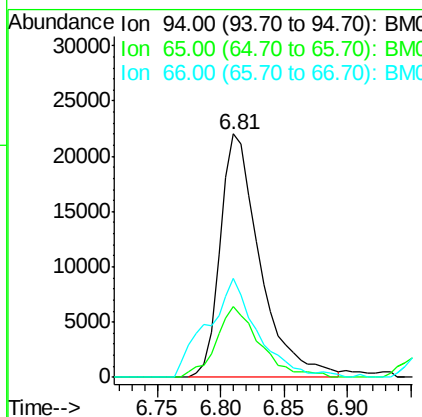
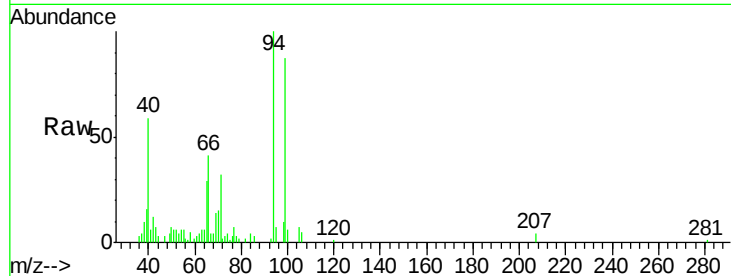
ClientSampled :

BF5S4

Tgt Ion:	94	Resp:	48053
Ion Ratio	Lower	Upper	
94	100		
65	28.8	23.0	34.6
66	40.6	30.4	45.6

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#45

Dimethylphthalate

Concen: 3.791 ng/ul

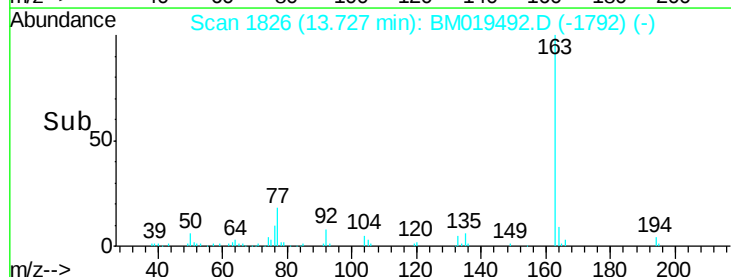
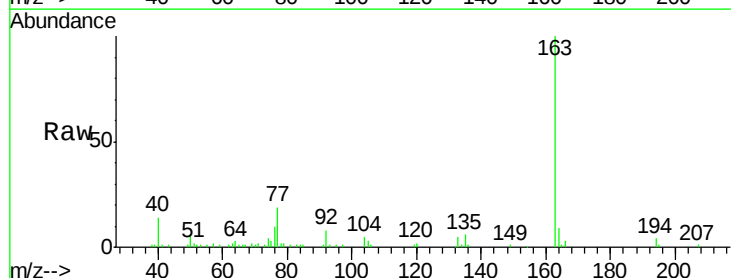
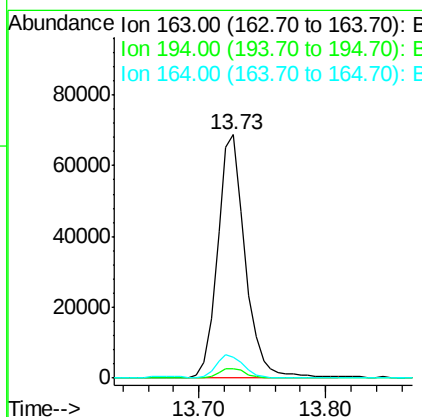
RT: 13.73 min Scan# 1826

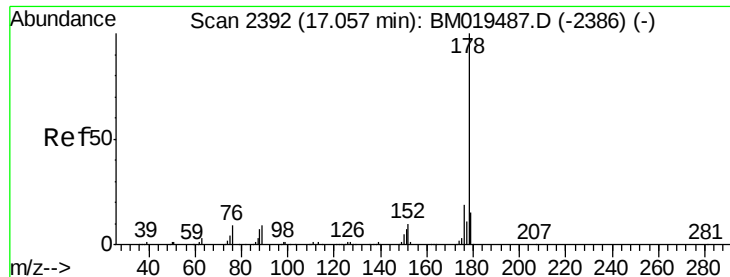
Delta R.T. 0.00 min

Lab File: BM019492.D

Acq: 27 Mar 2019 04:27

Tgt Ion:	163	Resp:	103788
Ion Ratio	Lower	Upper	
163	100		
194	3.9	4.0	6.0#
164	8.5	8.4	12.6





#70

Phenanthrene

Concen: 5.116 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM019492.D

Acq: 27 Mar 2019 04:27

Instrument :

BNA_M

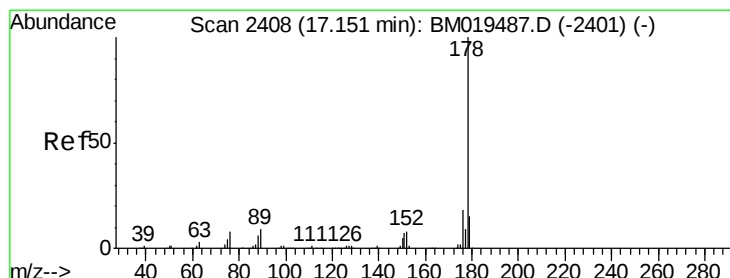
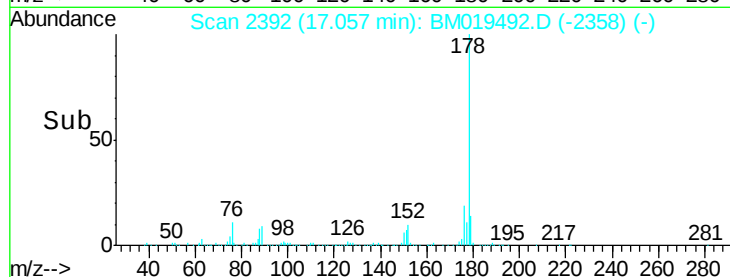
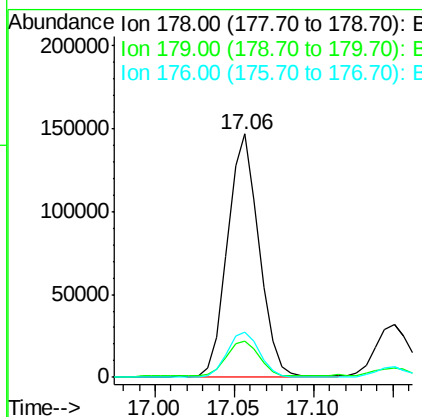
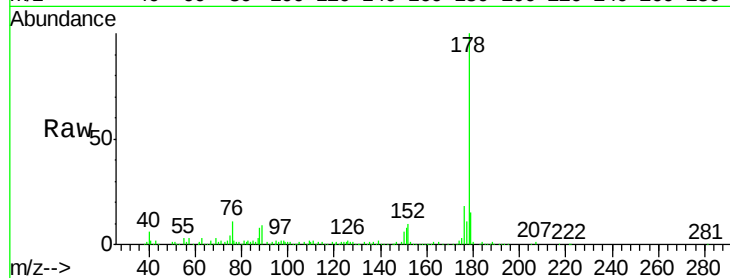
ClientSampleId :

BF5S4

Tgt Ion:	178	Resp:	201382
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.3	18.5
176	18.5	15.4	23.0

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#72

Anthracene

Concen: 1.242 ng/ul

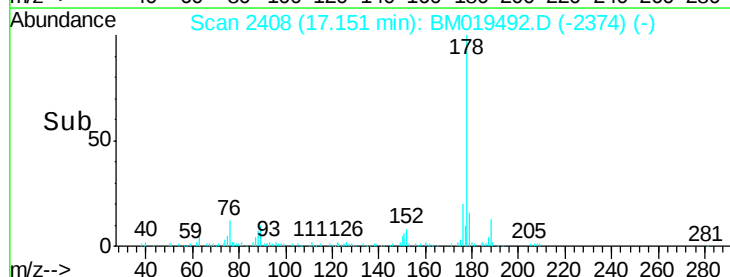
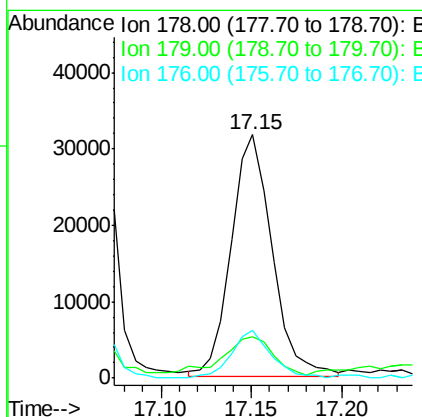
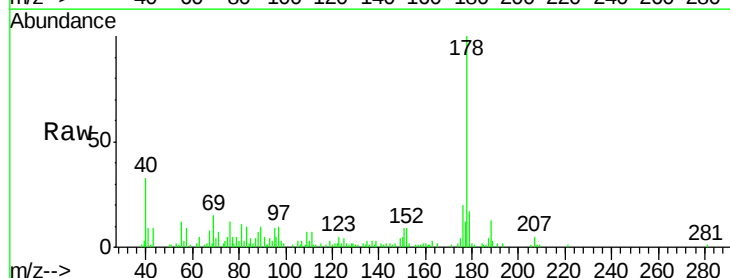
RT: 17.15 min Scan# 2408

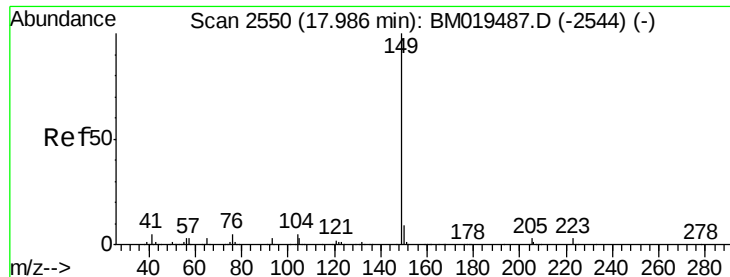
Delta R.T. 0.00 min

Lab File: BM019492.D

Acq: 27 Mar 2019 04:27

Tgt Ion:	178	Resp:	49880
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.4	20.2
176	19.6	15.4	23.0





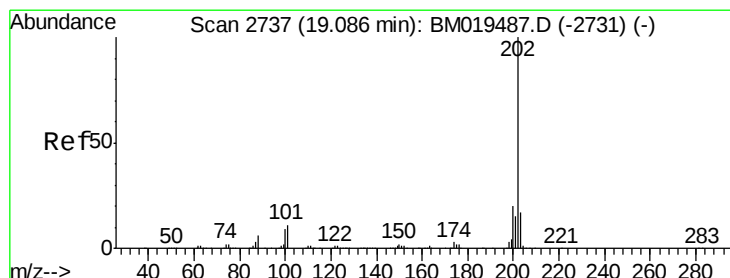
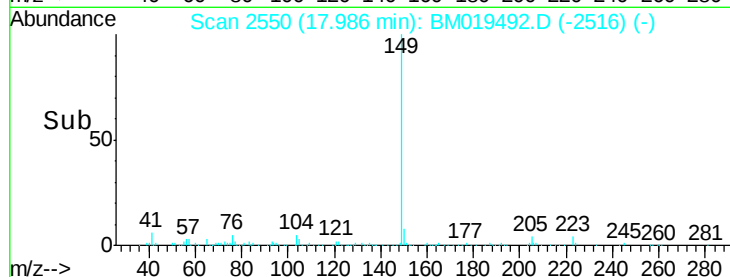
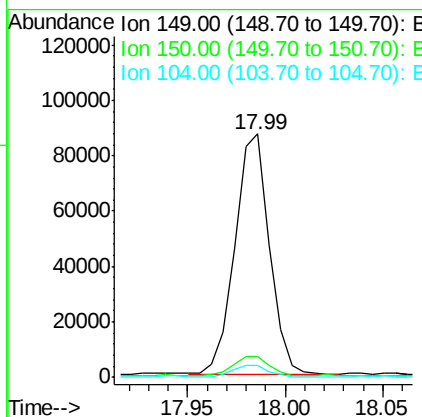
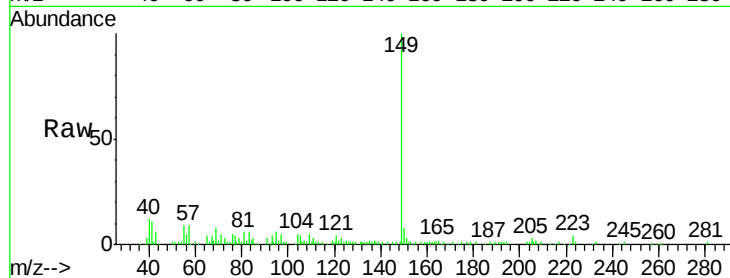
#76
Di-n-butylphthalate
Concen: 2.684 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Instrument :
BNA_M
ClientSampled :
BF5S4

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.4	7.5	11.3
104	5.2	4.1	6.1

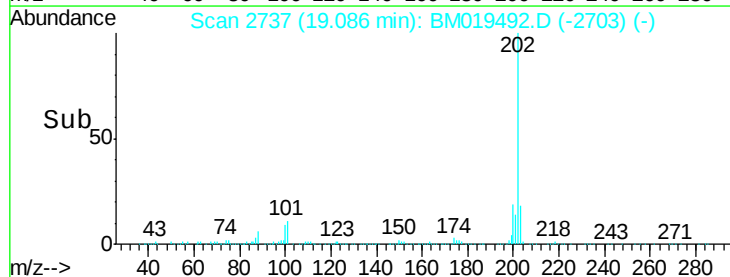
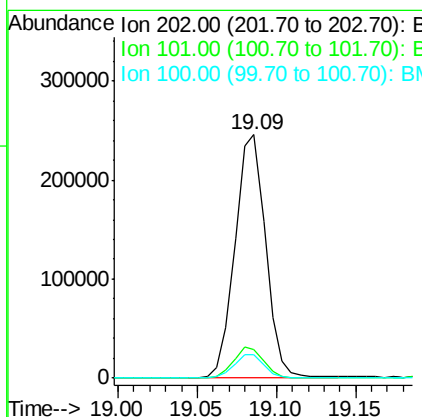
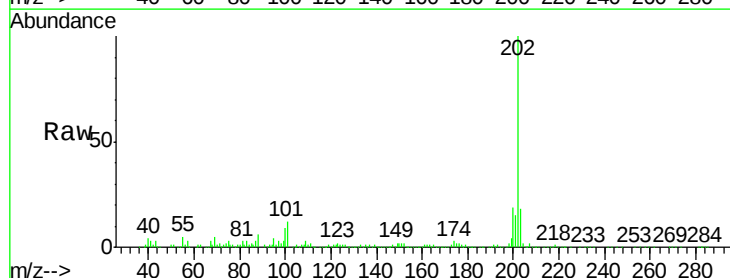
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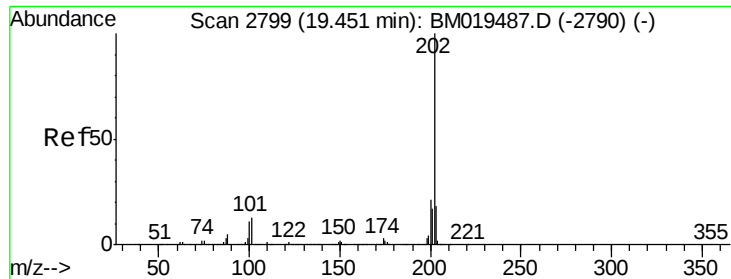
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#77
Fluoranthene
Concen: 7.341 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	6.1	9.1#
100	9.4	4.6	7.0#





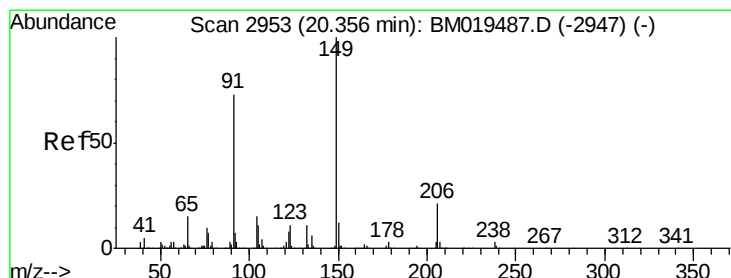
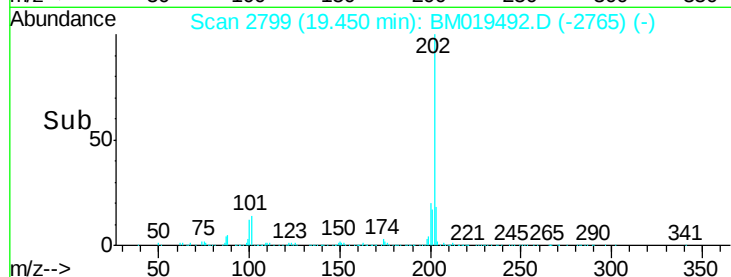
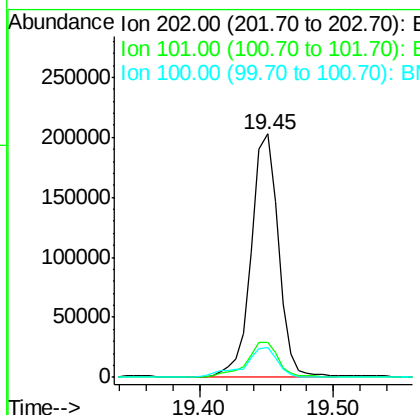
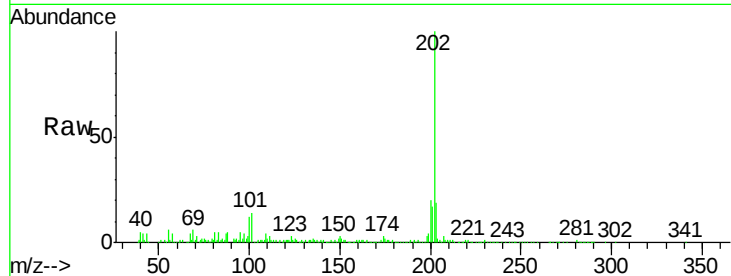
#80
 Pyrene
 Concen: 6.496 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM019492.D
 Acq: 27 Mar 2019 04:27

Instrument :
 BNA_M
 ClientSampled :
 BF5S4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	6.9	10.3#
100	12.2	5.6	8.4#

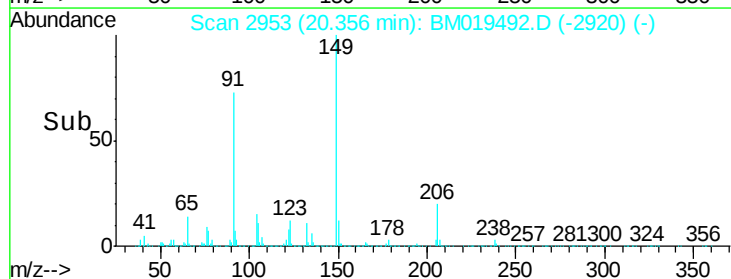
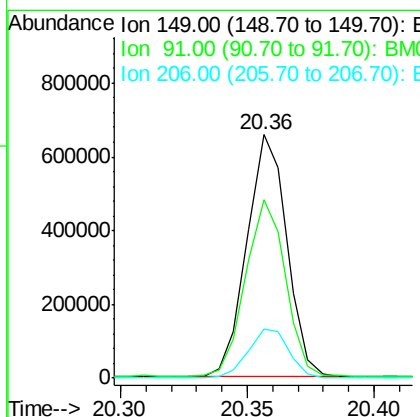
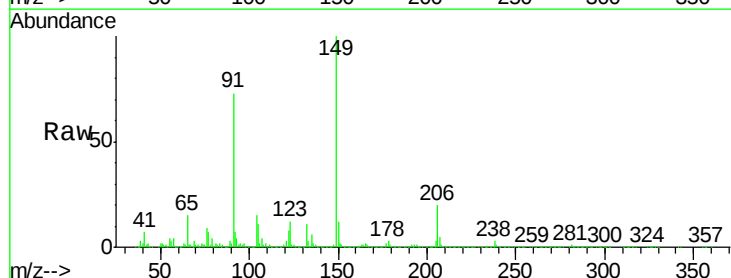
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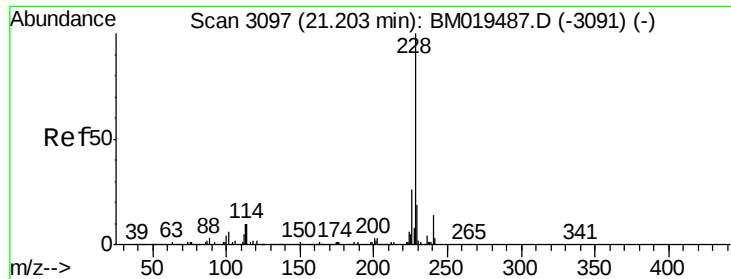
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#81
 Butylbenzylphthalate
 Concen: 42.068 ng/ul
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM019492.D
 Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.3	53.4	80.0
206	20.3	19.3	28.9





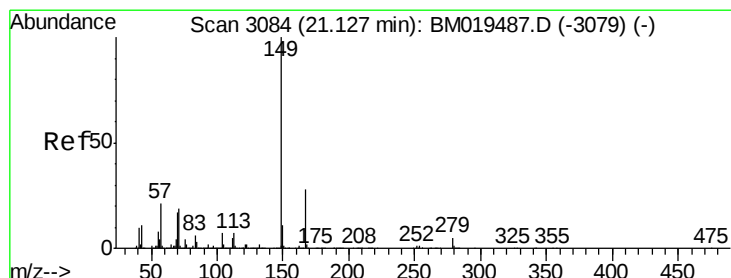
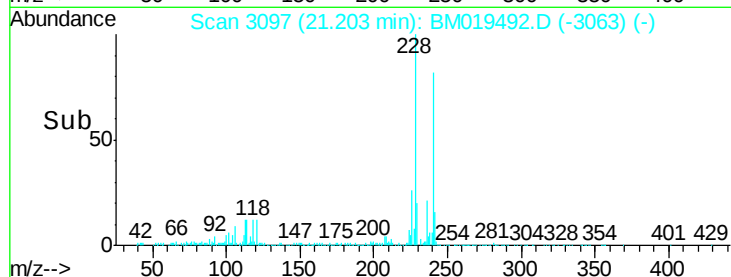
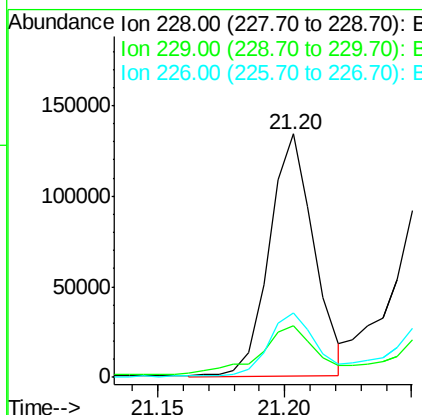
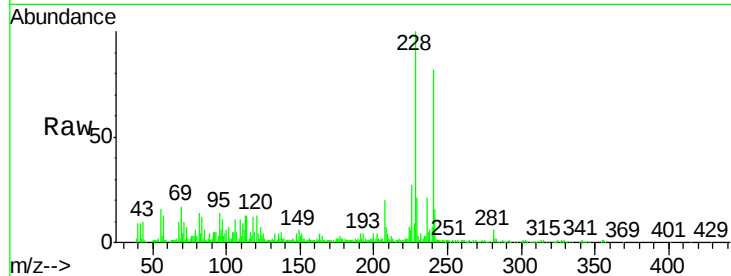
#83
Benzo(a)anthracene
Concen: 3.785 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Instrument :
BNA_M
ClientSampled :
BF5S4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	26.5	21.8	32.8

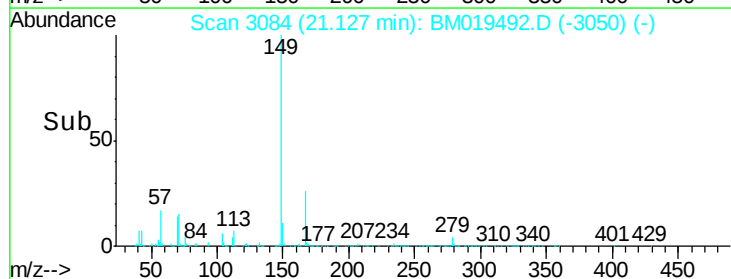
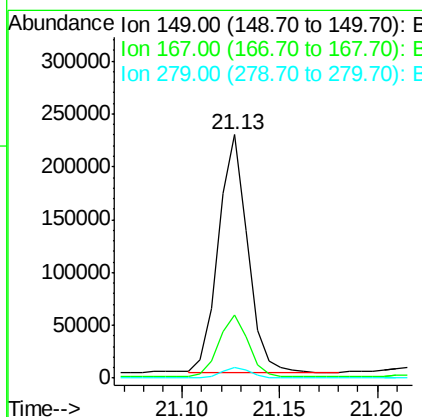
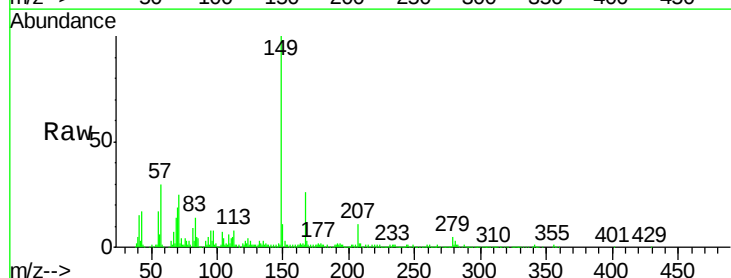
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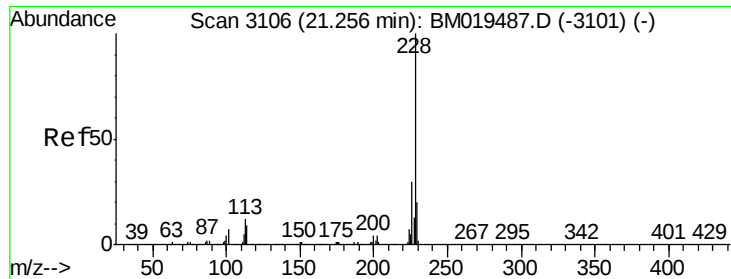
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.353 ng/ul
RT: 21.13 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.0	34.6
279	4.6	4.3	6.5





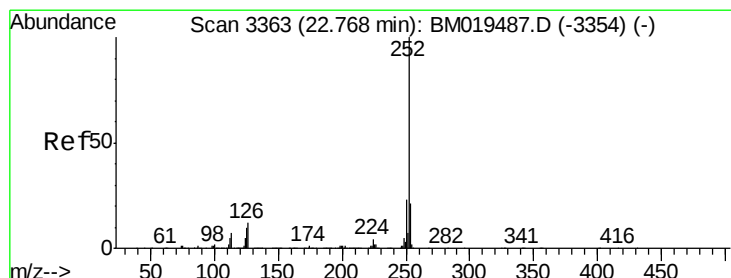
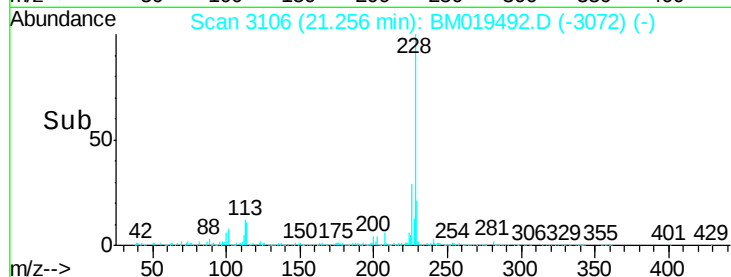
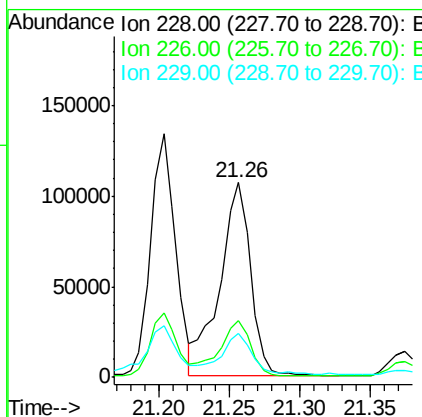
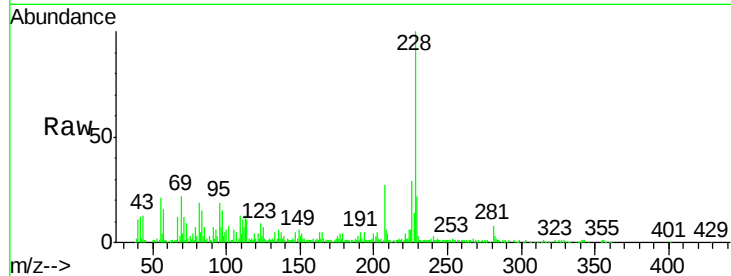
#85
Chrysene
Concen: 3.936 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Instrument :
BNA_M
ClientSampleId :
BF5S4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	164113		
226	28.9	24.1	36.1	
229	22.3	16.0	24.0	

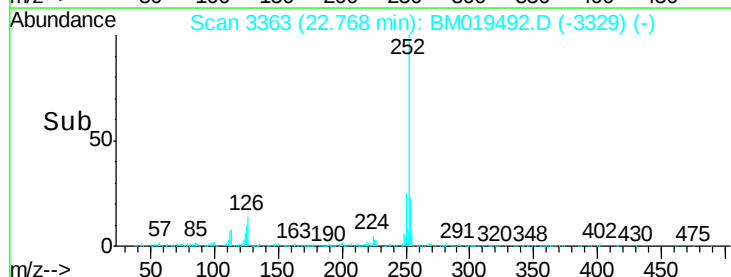
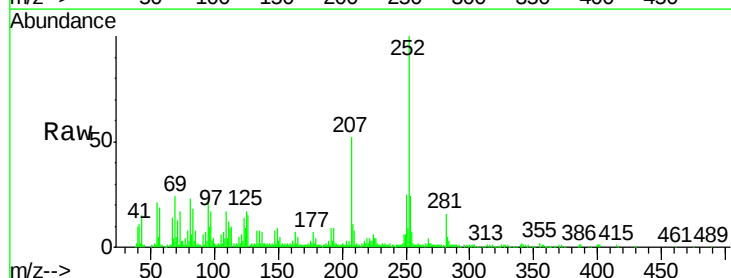
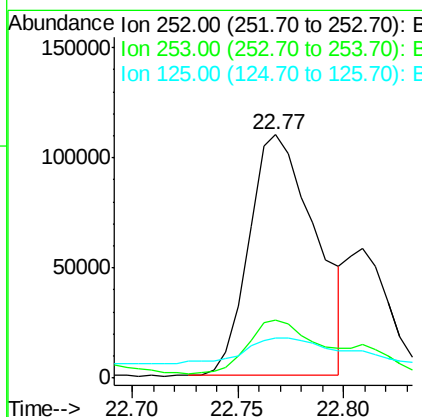
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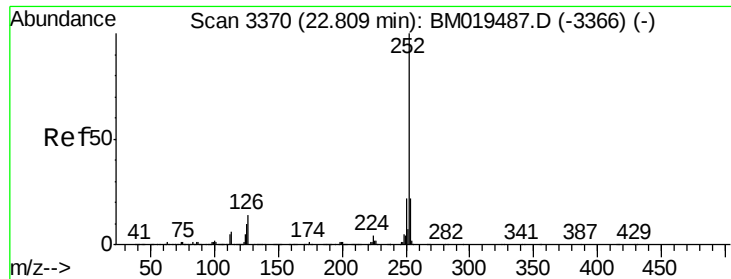
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#88
Benzo(b)fluoranthene
Concen: 4.808 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239164		
253	23.9	17.4	26.0	
125	16.5	4.9	7.3#	





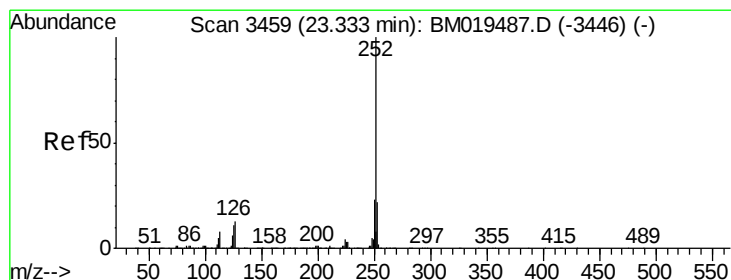
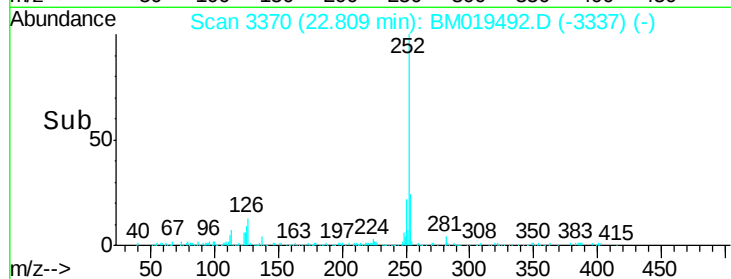
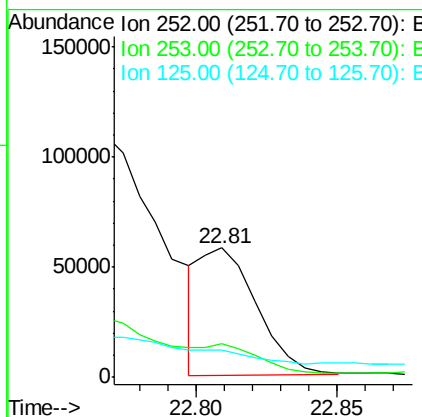
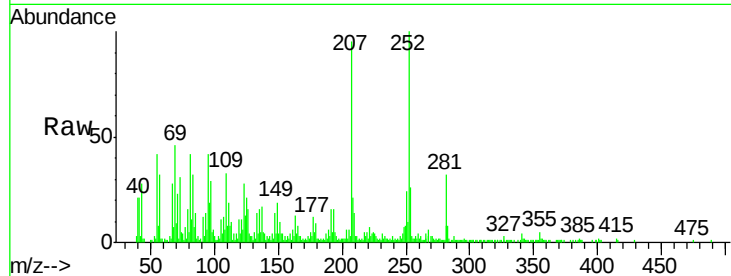
#89
Benzo(k)fluoranthene
Concen: 1.666 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Instrument :
BNA_M
ClientSampleId :
BF5S4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	21.2	5.4	8.0#

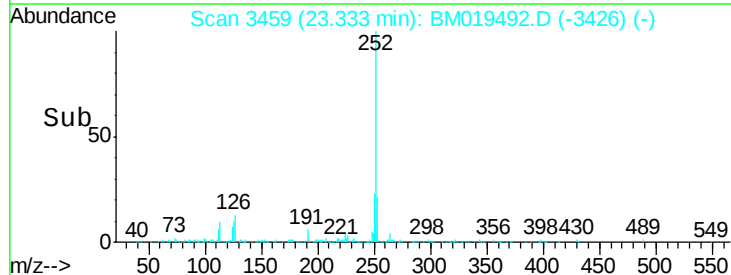
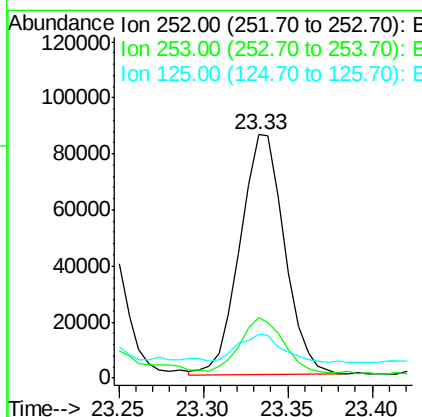
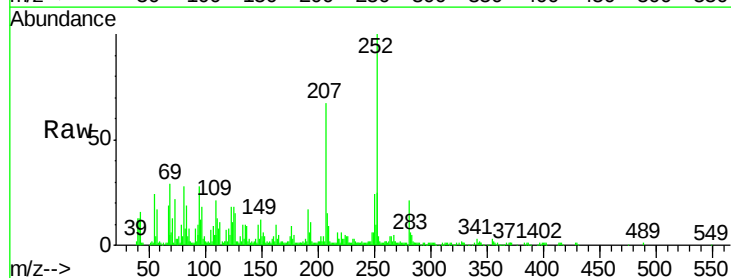
Manual Integrations
APPROVED

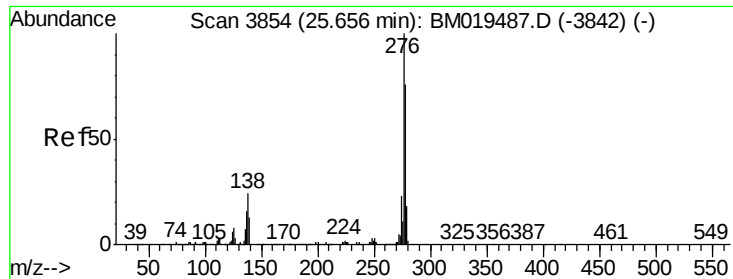
Sohil
3/27/2019 5:46:41 PM



#91
Benzo(a)pyrene
Concen: 3.296 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM019492.D
Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	17.9	5.8	8.6#





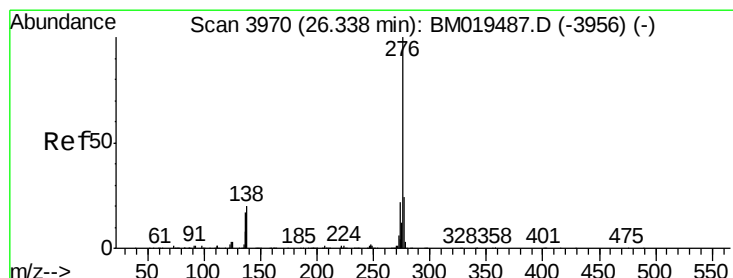
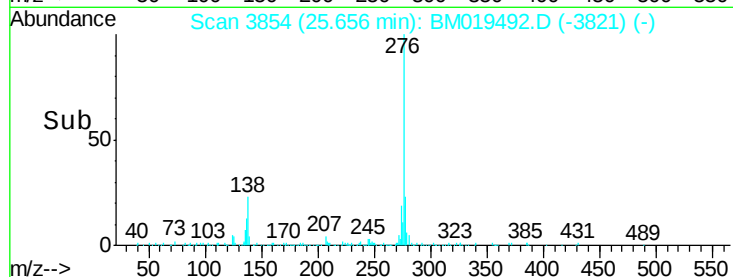
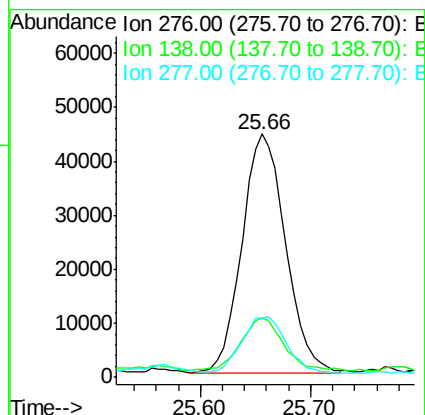
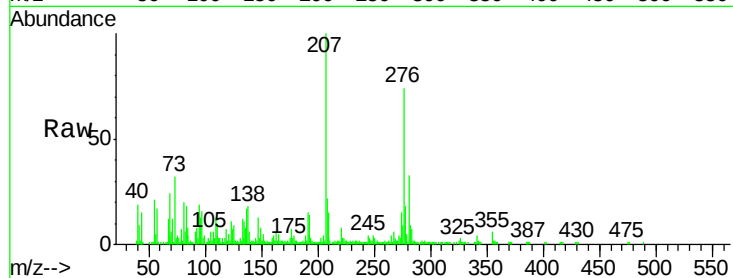
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.055 ng/ul
 RT: 25.66 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM019492.D
 Acq: 27 Mar 2019 04:27

Instrument :
 BNA_M
 ClientSampleId :
 BF5S4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	10.9	16.3#
277	24.5	18.9	28.3

Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:46:41 PM



#94
 Benzo(g,h,i)perylene
 Concen: 2.152 ng/ul
 RT: 26.34 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: BM019492.D
 Acq: 27 Mar 2019 04:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	11.2	16.8#
277	26.4	19.0	28.6

