

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
 Data File : BM021347.D
 Acq On : 02 Jul 2019 17:35
 Operator : HP/JU
 Sample : K3594-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD9

Quant Time: Jul 03 01:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:09:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	189734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	831115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	508388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1062156	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	763493	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	910679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21438	5.37	ng/uL	0.00
5) Phenol-d5	6.92	99	540910	32.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	313808	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	450147	33.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	399879	29.01	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	251752	37.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	298599	39.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	555573	36.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	499510	31.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1849634	40.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2031214	36.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	213709	28.60	ng/ul	0.00
57) Fluorene-d10	15.39	176	1515925	37.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	179827	27.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	2053999	37.21	ng/ul	0.00
78) Pyrene-d10	19.54	212	1942964	42.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2006571	37.35	ng/ul	0.00

Target Compounds

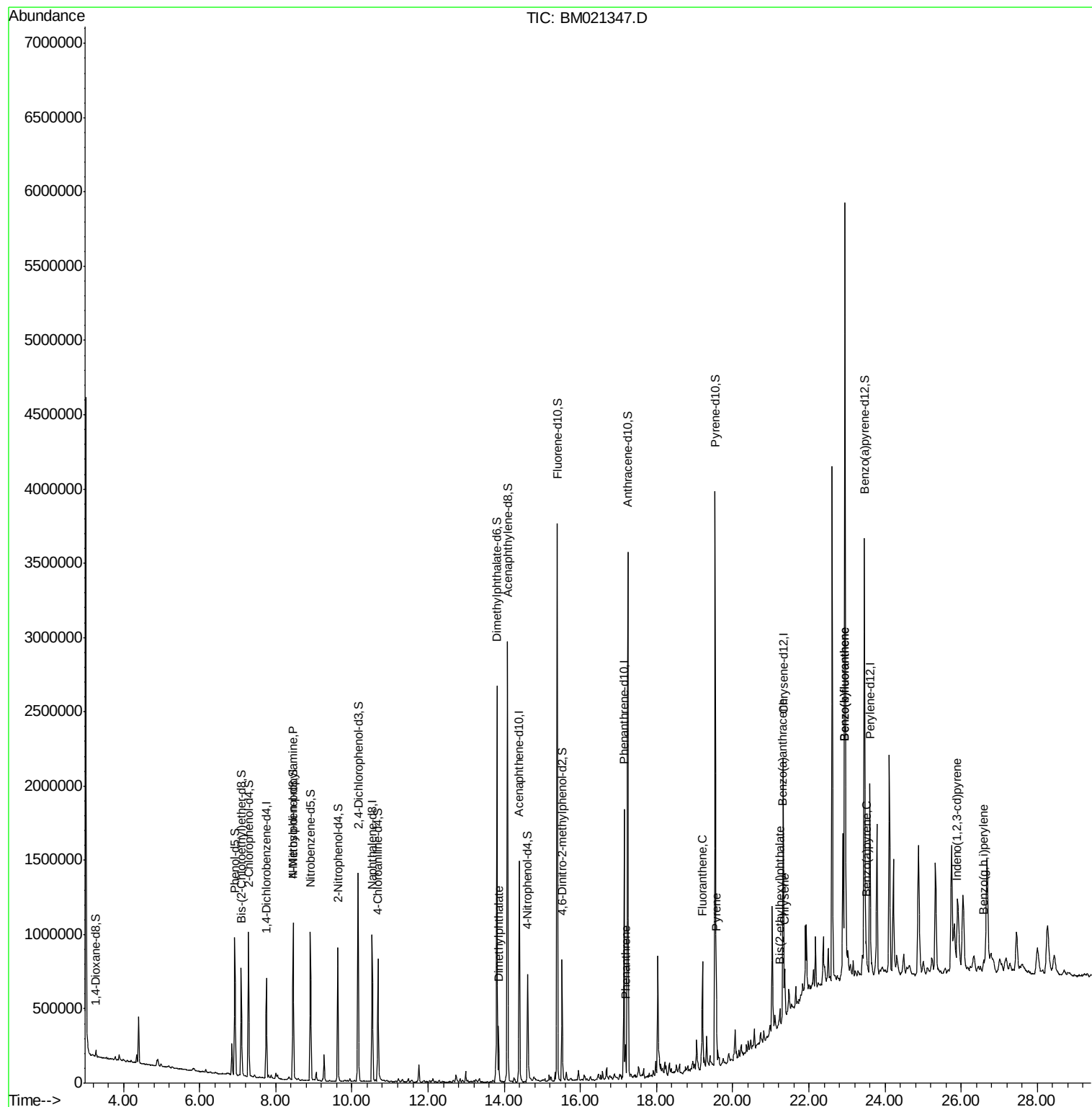
					Qvalue	
15) N-Nitroso-di-n-propylamine	8.46	70	11538	1.117	ng/ul#	1
44) Dimethylphthalate	13.85	163	236386	5.653	ng/ul	99
69) Phenanthrene	17.19	178	130940	2.229	ng/ul	99
76) Fluoranthene	19.20	202	369030	5.814	ng/ul	99
79) Pyrene	19.57	202	329429	6.103	ng/ul	99
82) Benzo(a)anthracene	21.32	228	185492	3.564	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	36994	1.300	ng/ul	98
84) Chrysene	21.37	228	181693	3.727	ng/ul	98
87) Benzo(b)fluoranthene	22.92	252	270878	4.696	ng/ul#	92
88) Benzo(k)fluoranthene	22.92	252	270878	4.881	ng/ul#	92
90) Benzo(a)pyrene	23.50	252	166388	3.064	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	126379	1.977	ng/ul	96
93) Benzo(g,h,i)perylene	26.59	276	98421	1.869	ng/ul	97

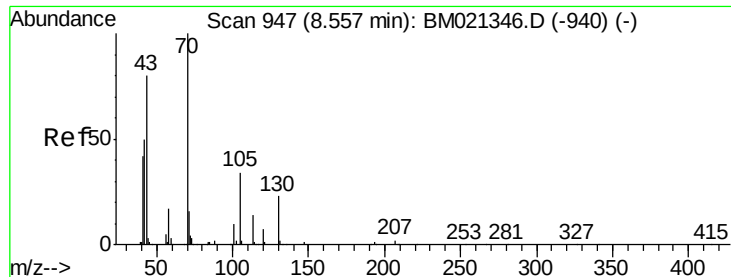
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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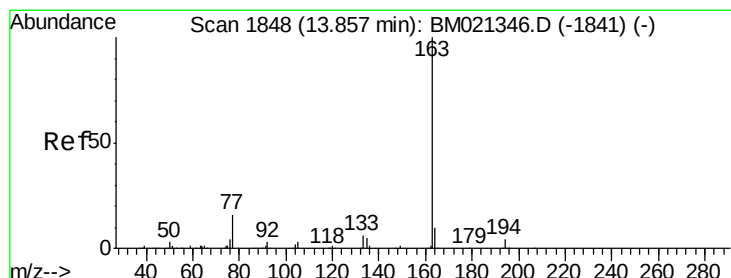
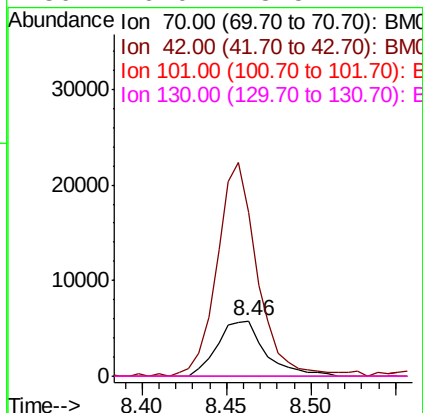
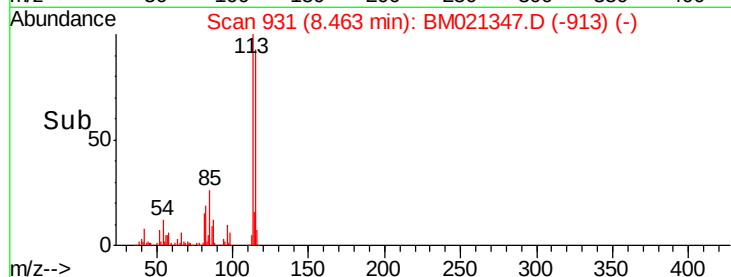
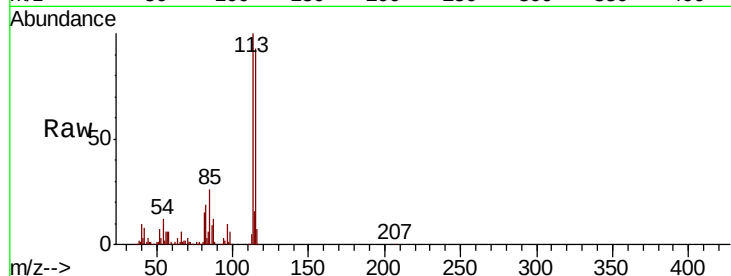




#15
N-Nitroso-di-n-propylamine
Concen: 1.117 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.09 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

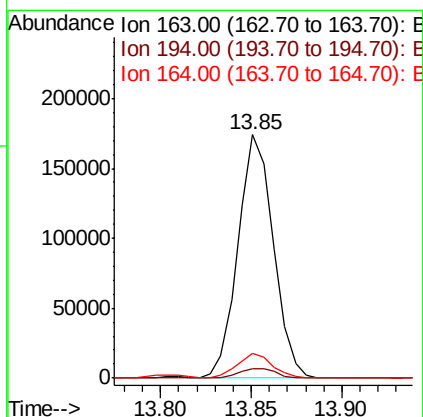
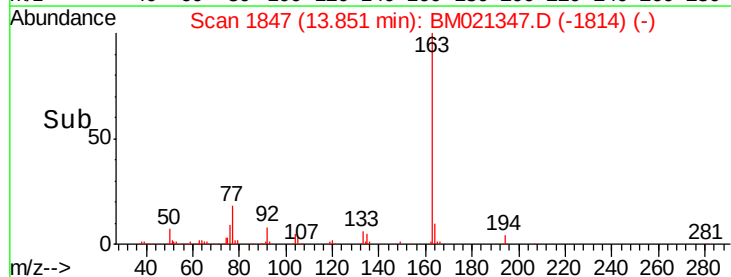
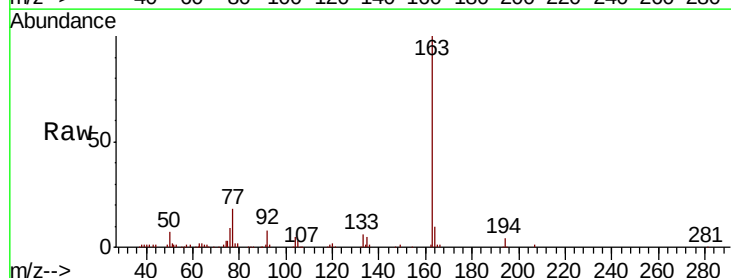
Instrument :
BNA_M
ClientSampleId :
C5BD9

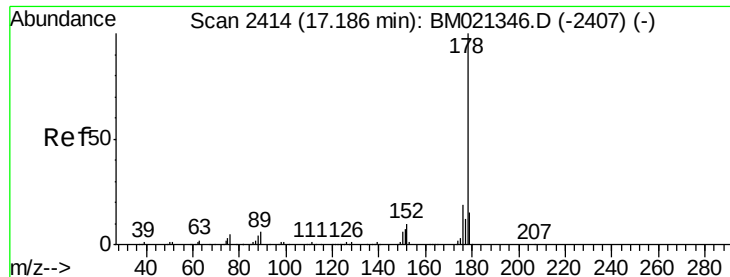
Tgt Ion	Ratio	Lower	Upper
70	100		
42	296.7	43.4	65.0#
101	0.0	7.8	11.6#
130	0.0	18.5	27.7#



#44
Dimethylphthalate
Concen: 5.653 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM021347.D
Acq: 02 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	7.7	11.5





#69

Phenanthrene

Concen: 2.229 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Instrument :

BNA_M

ClientSampleId :

C5BD9

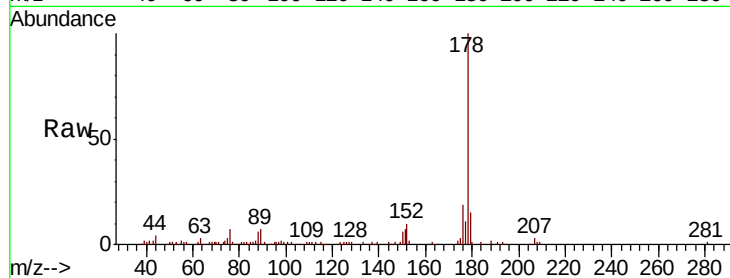
Tgt Ion:178 Resp: 130940

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

176 18.8 15.0 22.6

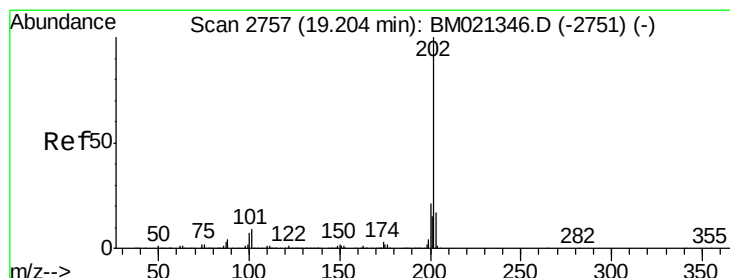
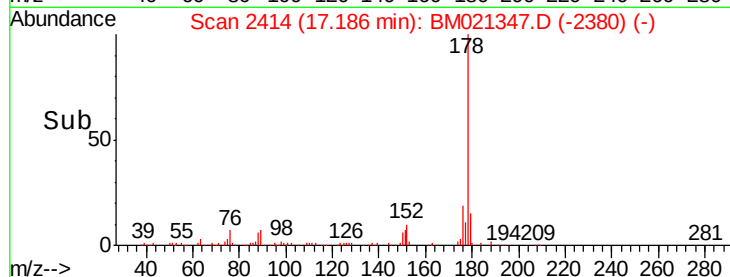
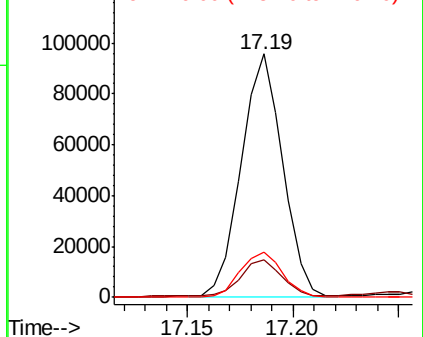


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 5.814 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

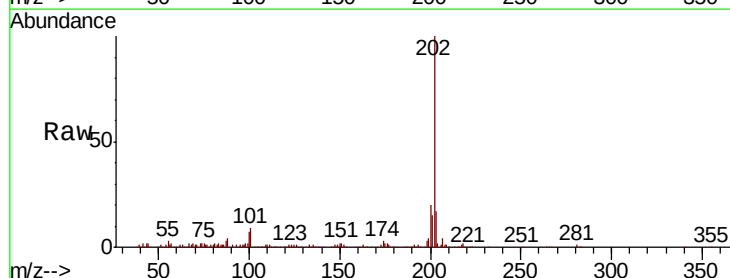
Tgt Ion:202 Resp: 369030

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

100 6.7 5.5 8.3

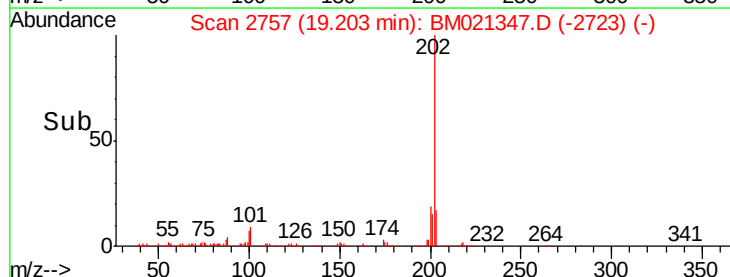
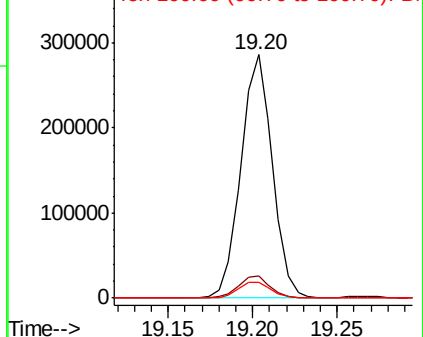


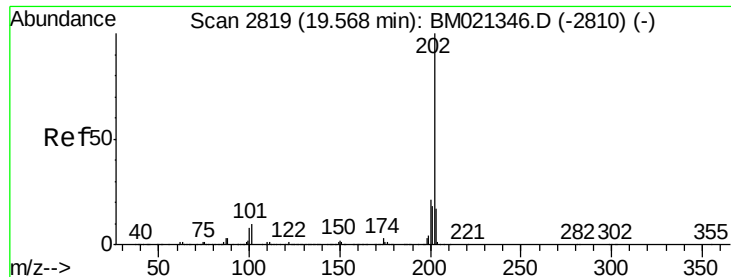
Abundance

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): E

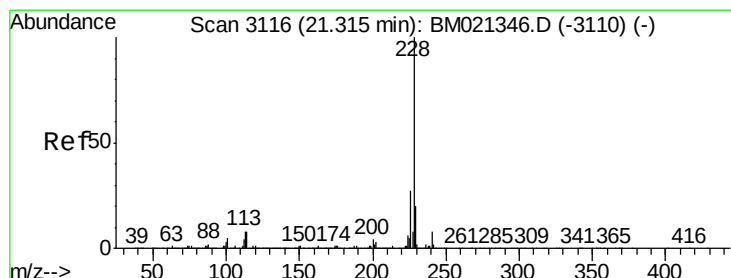
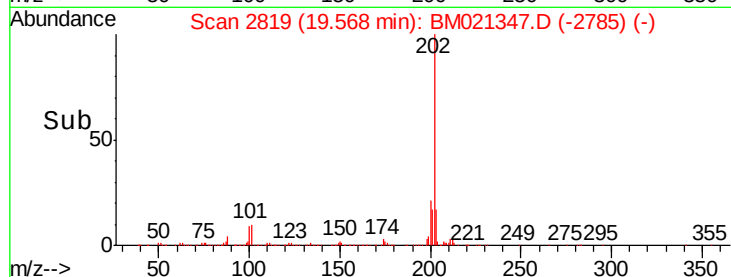
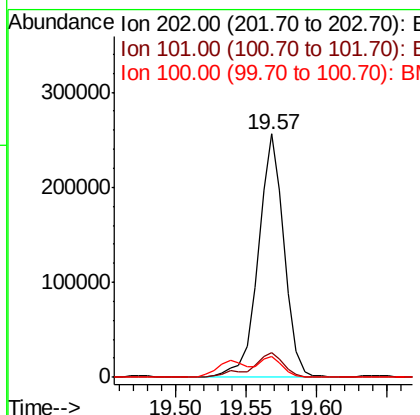
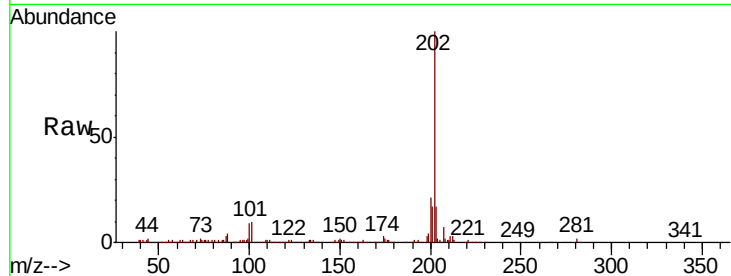




#79
 Pyrene
 Concen: 6.103 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.00 min
 Lab File: BM021347.D
 Acq: 02 Jul 2019 17:35

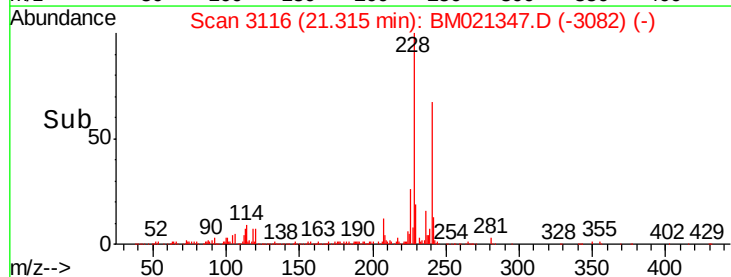
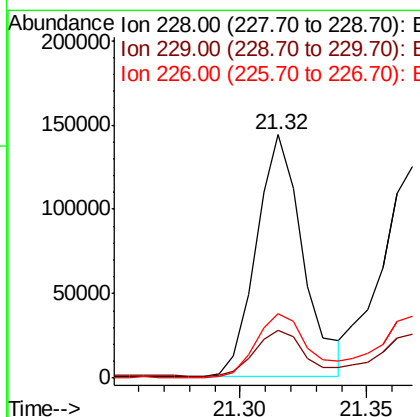
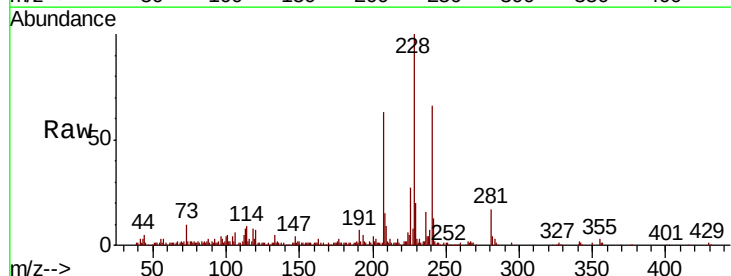
Instrument :
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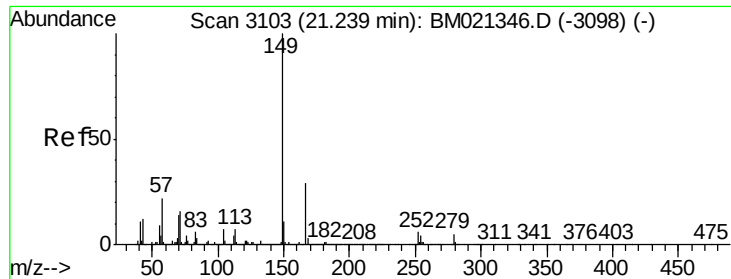
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.7	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 3.564 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BM021347.D
 Acq: 02 Jul 2019 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	26.5	21.4	32.2

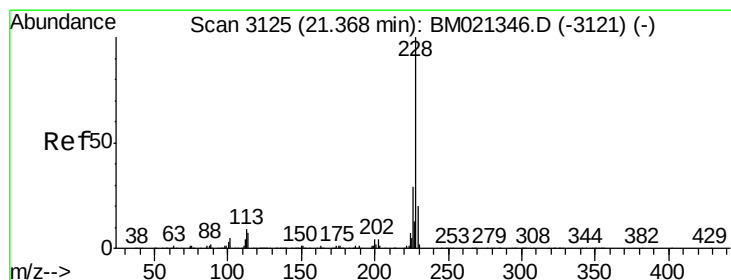
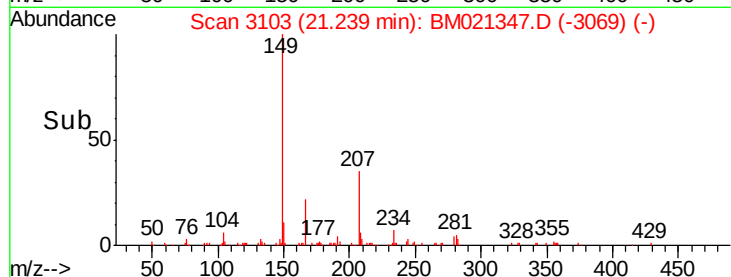
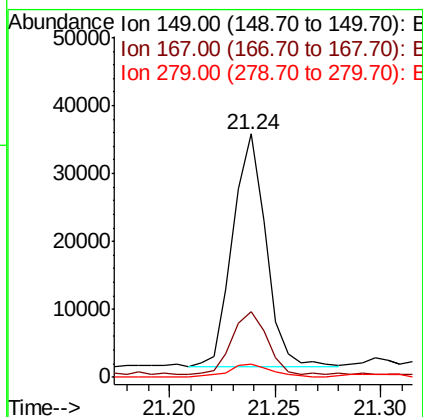
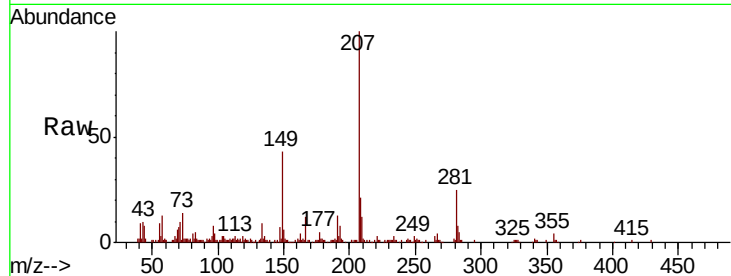




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.300 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM021347.D
 Acq: 02 Jul 2019 17:35

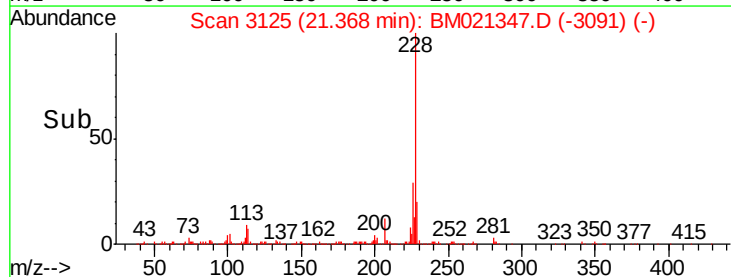
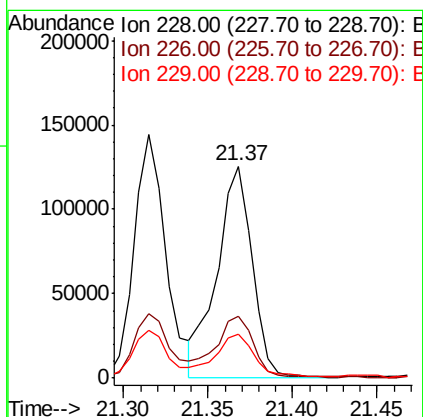
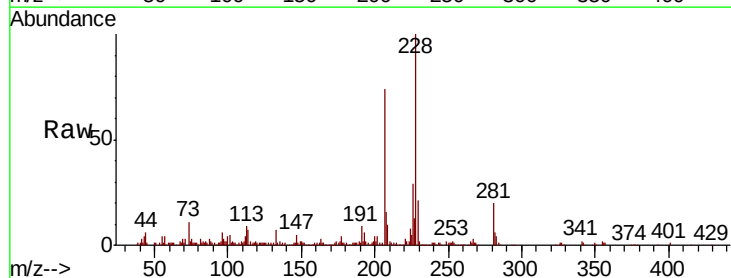
Instrument :
 BNA_M
 ClientSampleId :
 C5BD9

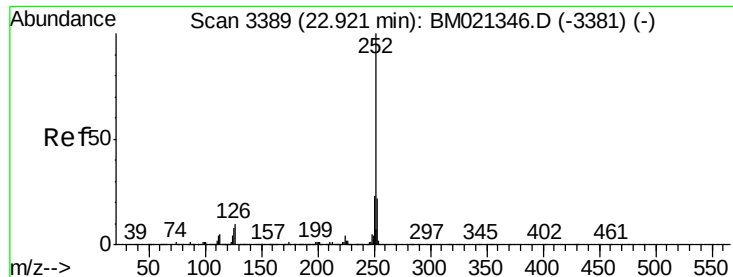
Tgt Ion:149 Resp: 36994
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.3 33.5
 279 5.2 3.8 5.6



#84
 Chrysene
 Concen: 3.727 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BM021347.D
 Acq: 02 Jul 2019 17:35

Tgt Ion:228 Resp: 181693
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.9 35.9
 229 20.7 15.4 23.2





#87

Benzo(b)fluoranthene

Concen: 4.696 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

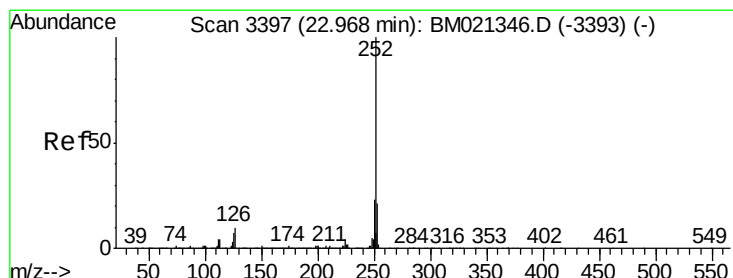
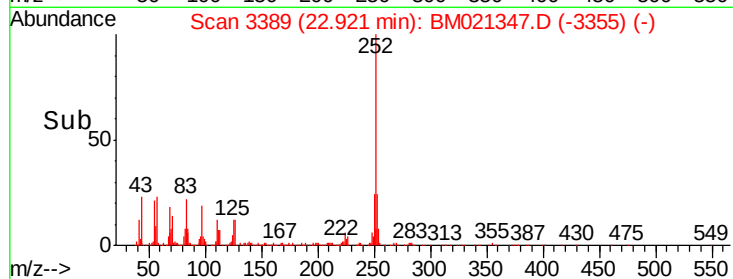
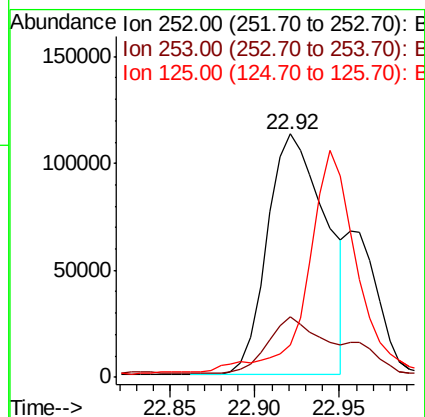
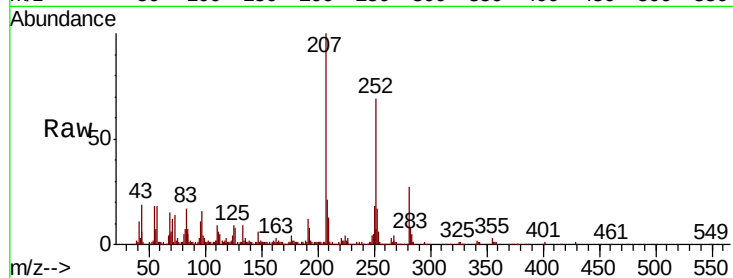
Instrument :

BNA_M

ClientSampleId :

C5BD9

Tgt Ion:	252	Resp:	270878
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.3	6.3	9.5#



#88

Benzo(k)fluoranthene

Concen: 4.881 ng/ul

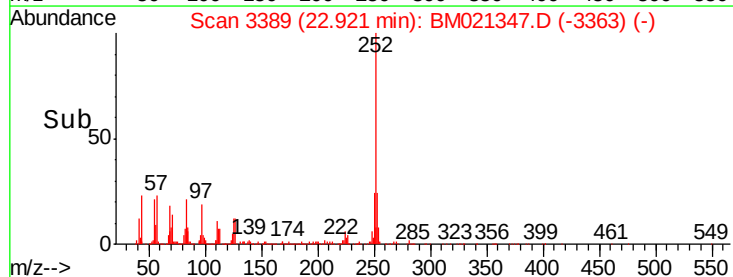
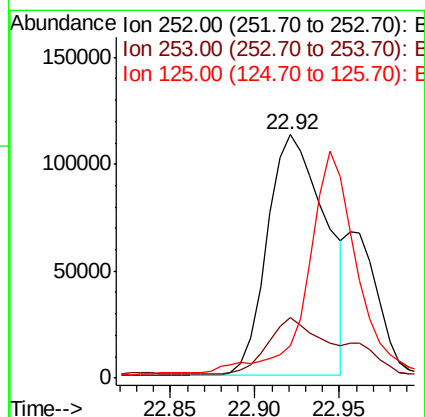
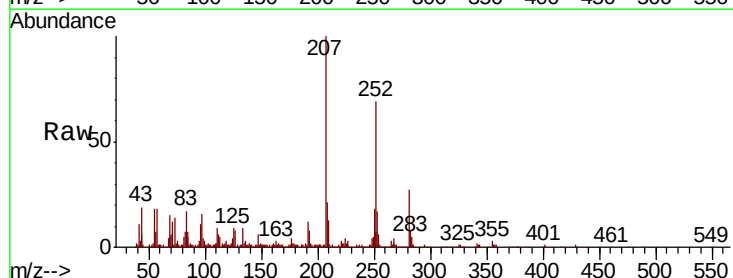
RT: 22.92 min Scan# 3389

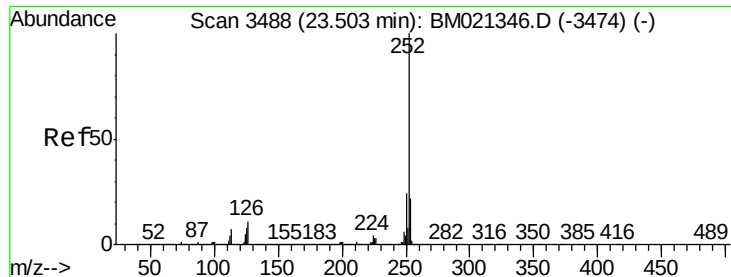
Delta R.T. -0.05 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Tgt Ion:	252	Resp:	270878
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.3	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 3.064 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.00 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Instrument :

BNA_M

ClientSampleId :

C5BD9

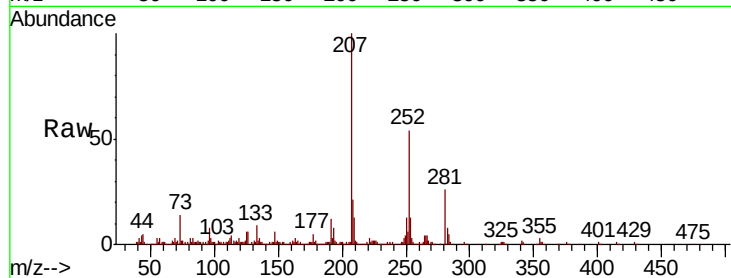
Tgt Ion:252 Resp: 166388

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 10.4 7.2 10.8

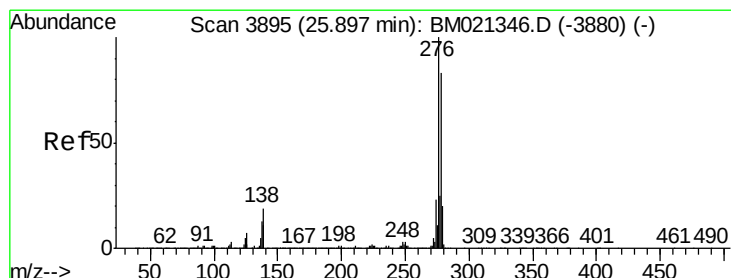
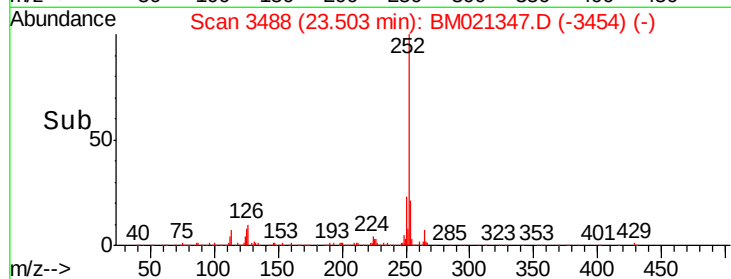
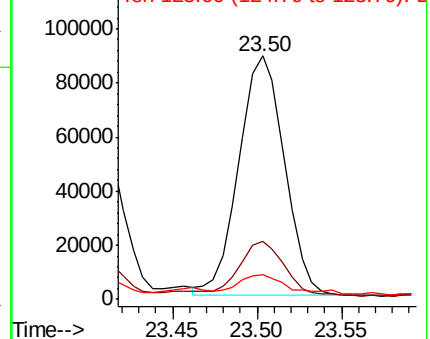


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 1.977 ng/ul

RT: 25.89 min Scan# 3893

Delta R.T. -0.01 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

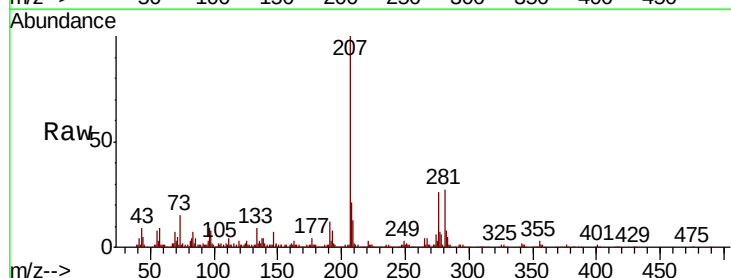
Tgt Ion:276 Resp: 126379

Ion Ratio Lower Upper

276 100

138 16.2 15.9 23.9

277 25.8 20.4 30.6

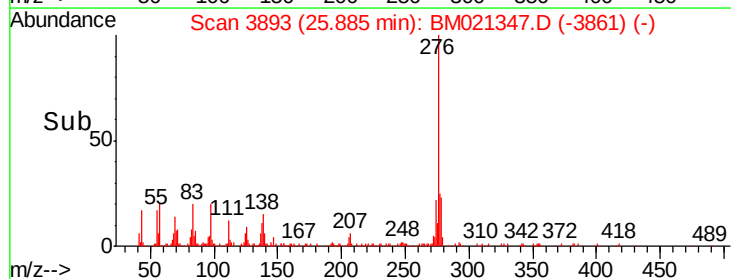
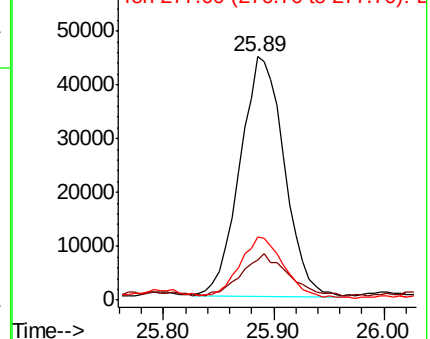


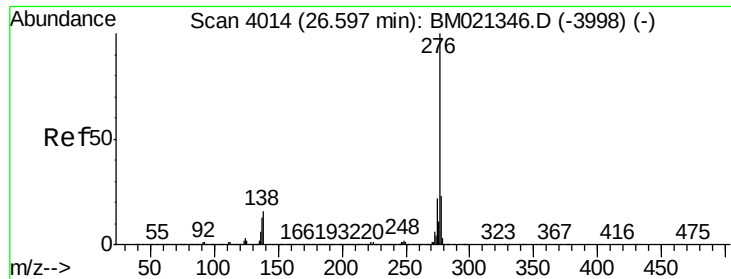
Abundance

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

Benzo(g,h,i)perylene

Concen: 1.869 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.01 min

Lab File: BM021347.D

Acq: 02 Jul 2019 17:35

Instrument :

BNA_M

ClientSampleId :

C5BD9

Tgt Ion:276 Resp: 98421

Ion Ratio Lower Upper

276 100

138 15.8 14.6 21.8

277 22.9 18.9 28.3

