

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022938.D
 Acq On : 04 Oct 2019 02:26
 Operator : JU
 Sample : K4988-07MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNY8MSD

Quant Time: Oct 04 04:46:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	239085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1022778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	596080	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1046560	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	798286	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	927809	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	15032	2.72	ng/uL	0.00
5) Phenol-d5	6.96	99	303779	14.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	176661	15.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	257045	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	206940	11.96	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	127040	16.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	136703	15.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	258897	15.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	267670	12.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	777397	16.80	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	906609	16.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	85344	9.34	ng/ul	0.00
58) Fluorene-d10	15.42	176	642814	16.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	59937	8.80	ng/ul	0.00
71) Anthracene-d10	17.27	188	865618	16.94	ng/ul	0.00
79) Pyrene-d10	19.56	212	854225	19.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	858378	17.88	ng/ul	0.00

Target Compounds

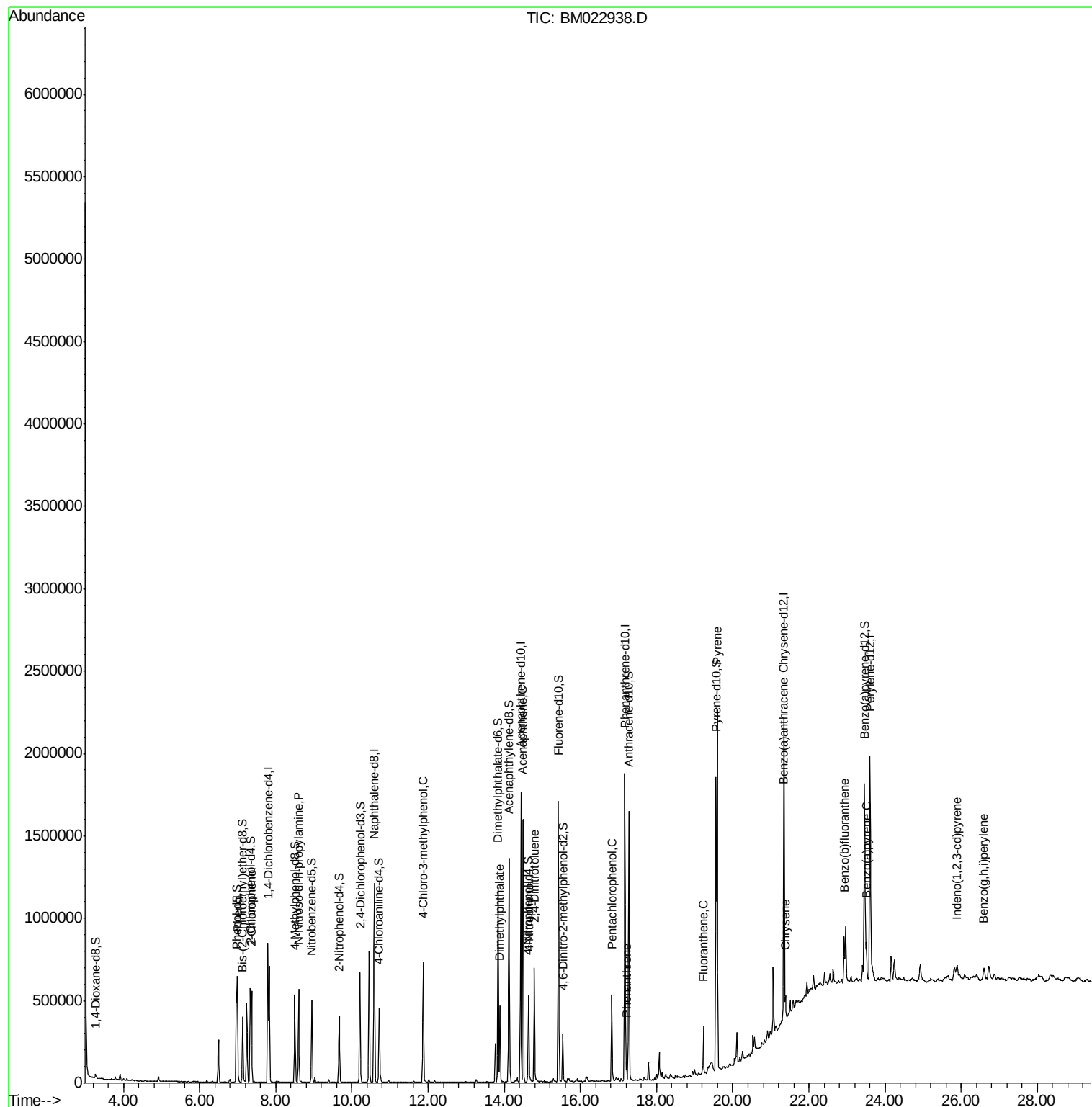
					Ovalue
6) Phenol	6.99	94	355605	16.058	ng/ul 99
10) 2-Chlorophenol	7.36	128	258281	14.154	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.60	70	199581	14.697	ng/ul 99
33) 4-Chloro-3-methylphenol	11.87	107	247286	13.828	ng/ul 99
45) Dimethylphthalate	13.89	163	293161	6.169	ng/ul 100
50) Acenaphthene	14.50	153	664921	16.554	ng/ul 100
53) 4-Nitrophenol	14.64	109	67410	10.091	ng/ul 99
55) 2,4-Dinitrotoluene	14.79	165	200561	14.346	ng/ul 98
69) Pentachlorophenol	16.83	266	96102	10.523	ng/ul 97
70) Phenanthrene	17.21	178	66458	1.064	ng/ul 100
77) Fluoranthene	19.23	202	168951	2.405	ng/ul 99
80) Pyrene	19.59	202	1257341	22.219	ng/ul 99
83) Benzo(a)anthracene	21.33	228	78355	1.367	ng/ul 98
85) Chrysene	21.39	228	85082	1.610	ng/ul 98
88) Benzo(b)fluoranthene	22.93	252	137903	2.240	ng/ul# 95
91) Benzo(a)pyrene	23.51	252	106731	1.848	ng/ul# 94
92) Indeno(1,2,3-cd)pyrene	25.90	276	85187	1.388	ng/ul# 94
94) Benzo(g,h,i)perylene	26.60	276	87572	1.769	ng/ul 99

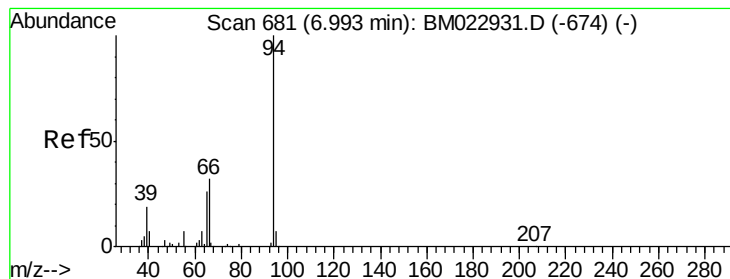
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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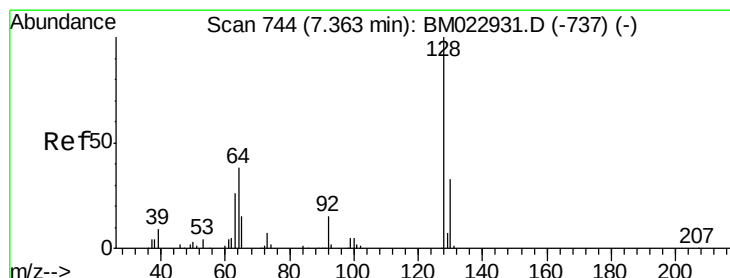
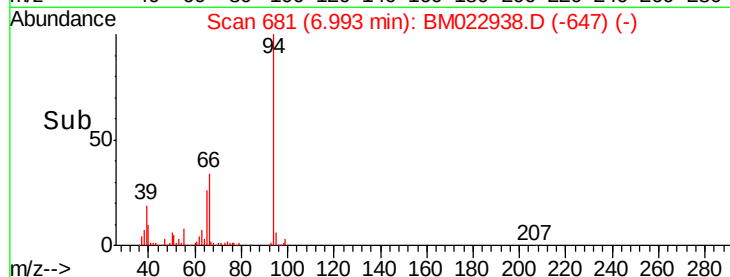
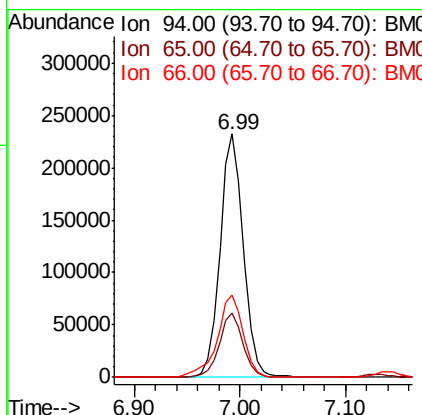
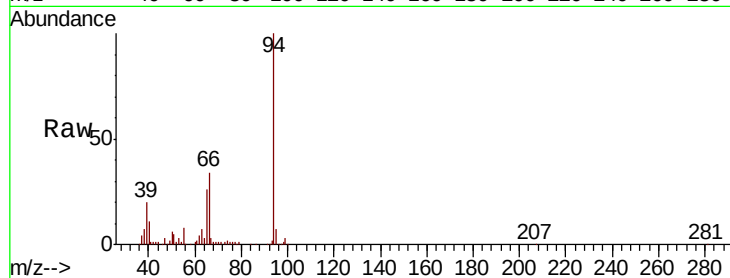
#6

Phenol

Concen: 16.058 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022938.D
 Acq: 04 Oct 2019 02:26

Instrument :
 BNA_M
 ClientSampleId :
 ESNY8MSD

Tot Ion	94	Resp	355605
Ion Ratio	Lower	Upper	
94	100		
65	26.2	20.9	31.3
66	33.6	27.2	40.8

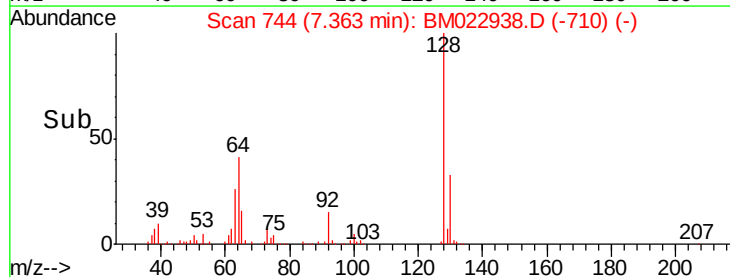
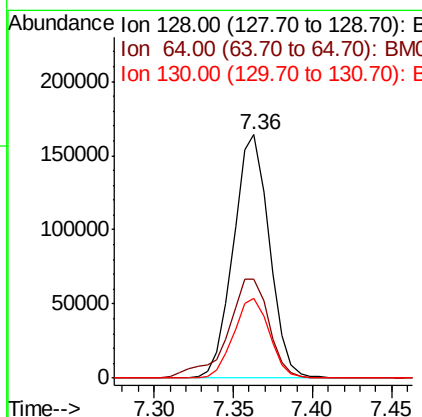
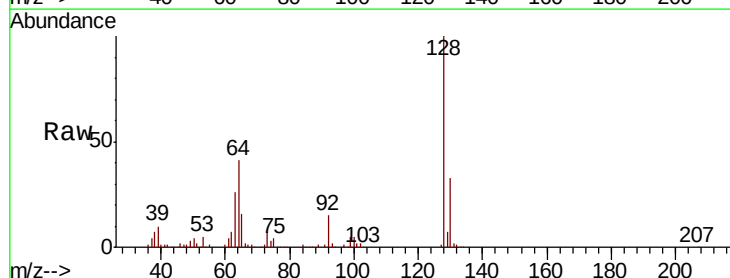


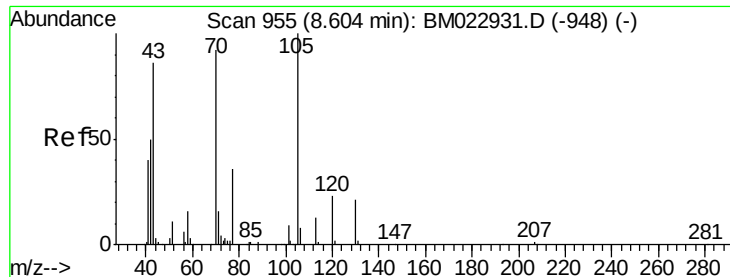
#10

2-Chlorophenol

Concen: 14.154 ng/ul
 RT: 7.36 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BM022938.D
 Acq: 04 Oct 2019 02:26

Tgt Ion	128	Resp	258281
Ion Ratio	Lower	Upper	
128	100		
64	40.8	34.1	51.1
130	32.9	26.0	39.0

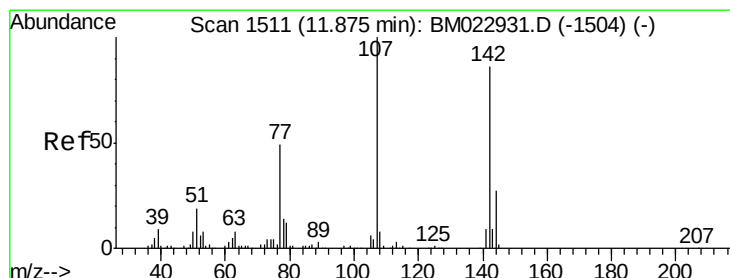
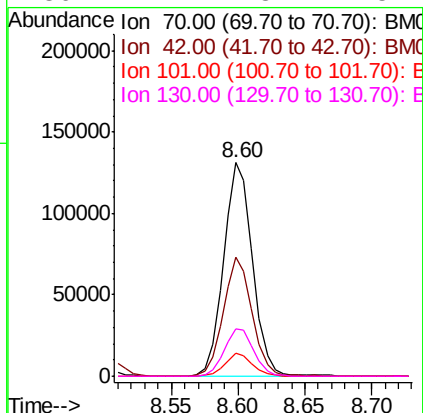
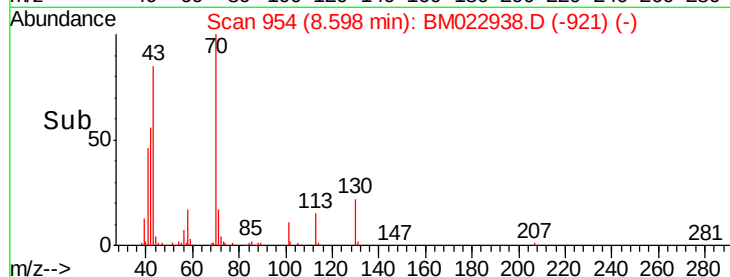
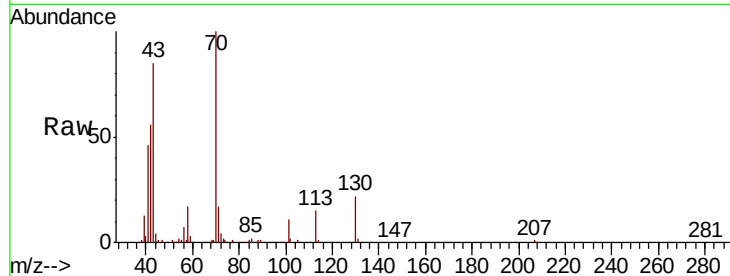




#15
N-Nitroso-di-n-propylamine
Concen: 14.697 ng/ul
RT: 8.60 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

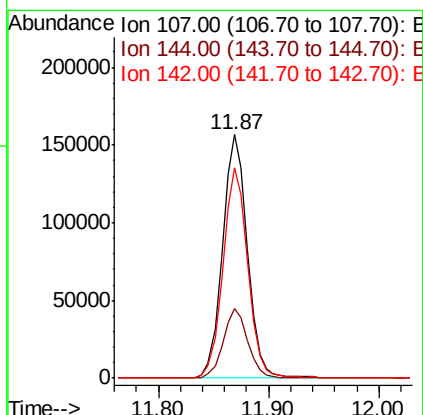
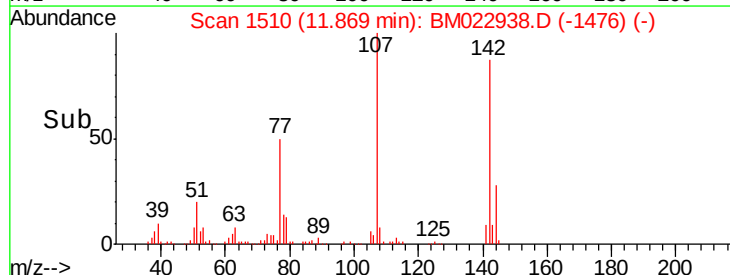
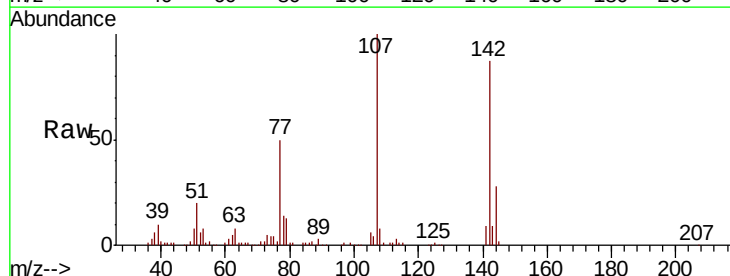
Instrument :
BNA_M
ClientSampleId :
ESNY8MSD

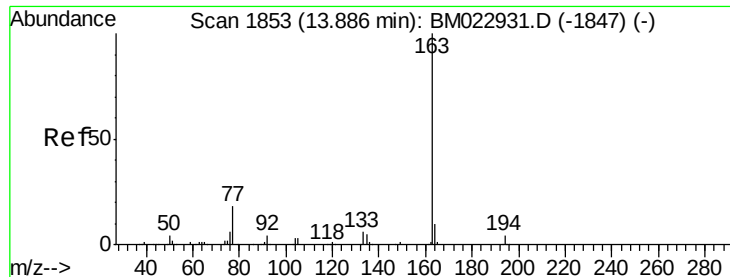
Tot Ion:	70	Resp:	199581
Ion	Ratio	Lower	Upper
70	100		
42	55.6	44.6	66.8
101	10.5	8.2	12.2
130	22.1	18.7	28.1



#33
4-Chloro-3-methylphenol
Concen: 13.828 ng/ul
RT: 11.87 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

Tgt Ion:	107	Resp:	247286
Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	86.6	68.9	103.3





#45

Dimethylphthalate

Concen: 6.169 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

ESNY8MSD

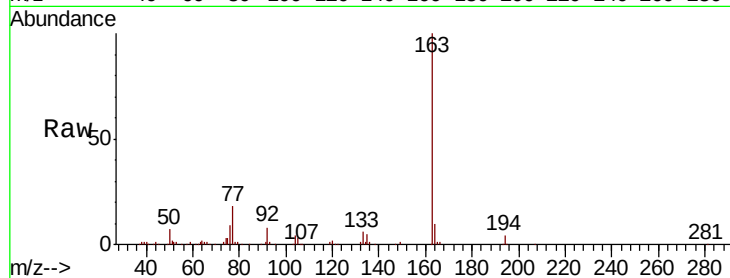
Tot Ion:163 Resp: 293161

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

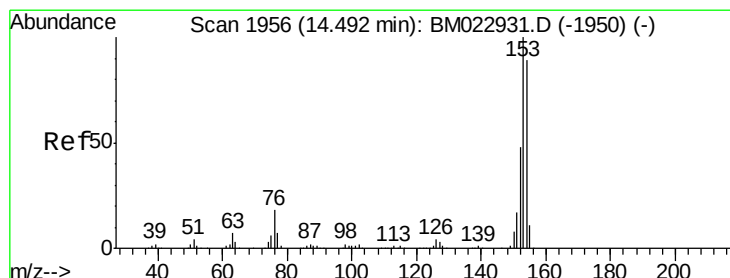
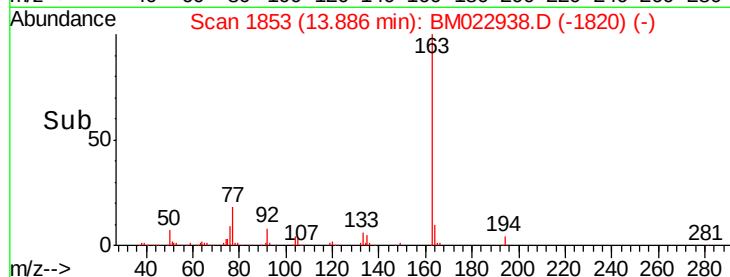
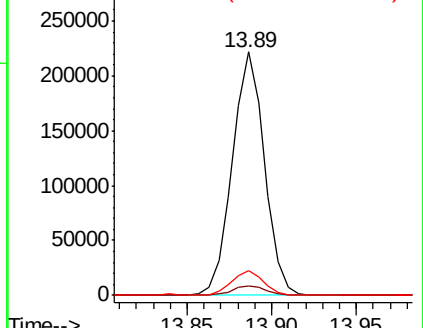
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 16.554 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

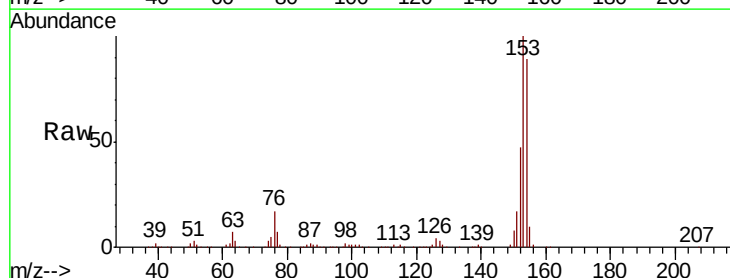
Tgt Ion:153 Resp: 664921

Ion Ratio Lower Upper

153 100

152 47.5 38.1 57.1

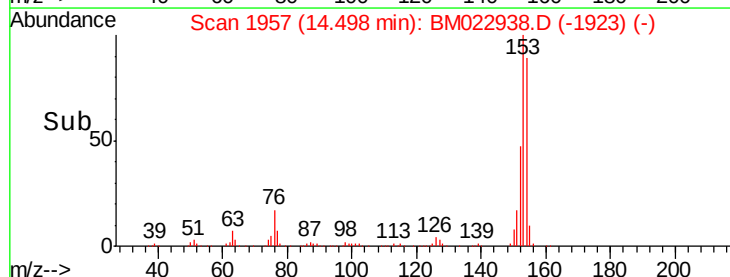
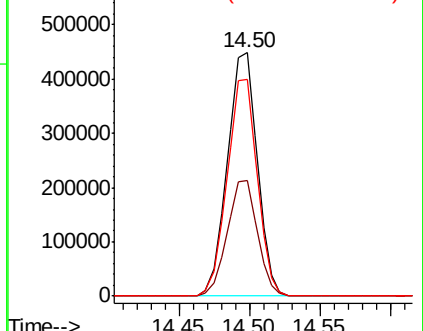
154 89.1 71.1 106.7

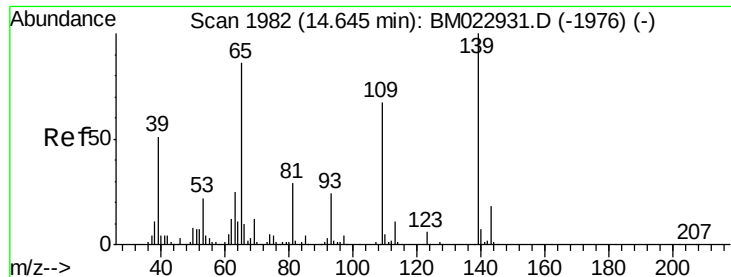


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

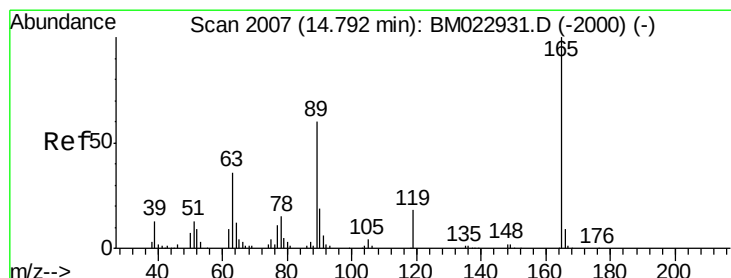
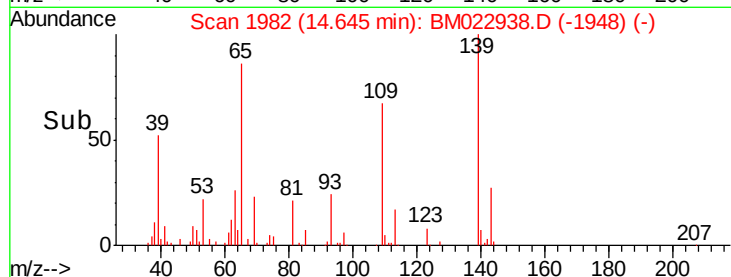
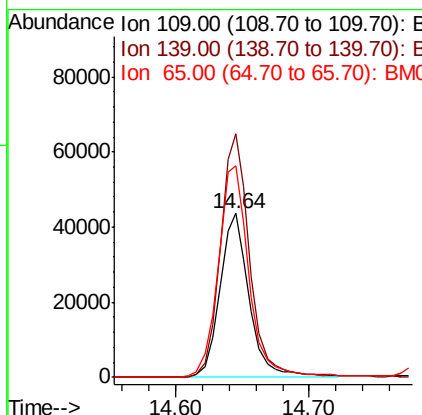
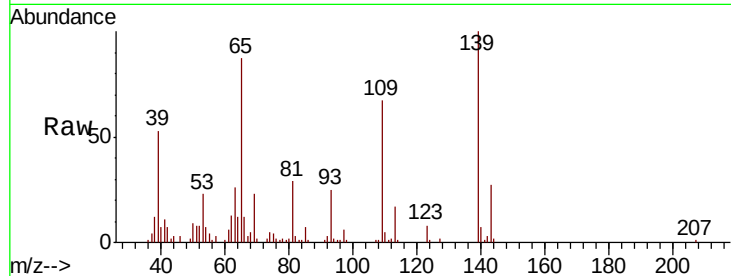




#53
4-Nitrophenol
Concen: 10.091 ng/ul
RT: 14.64 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

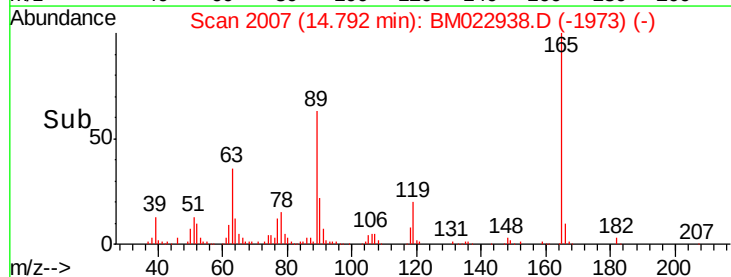
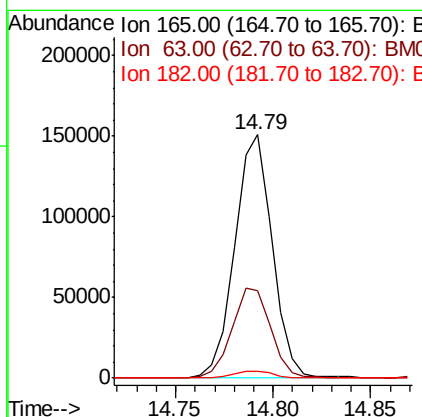
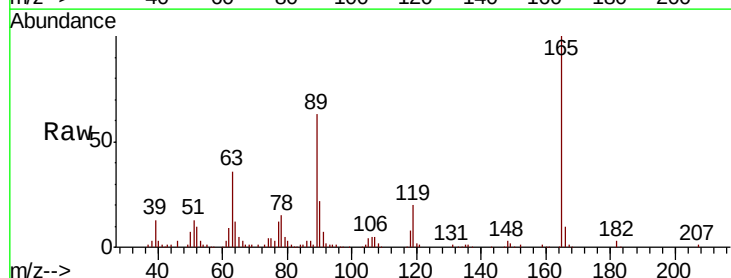
Instrument :
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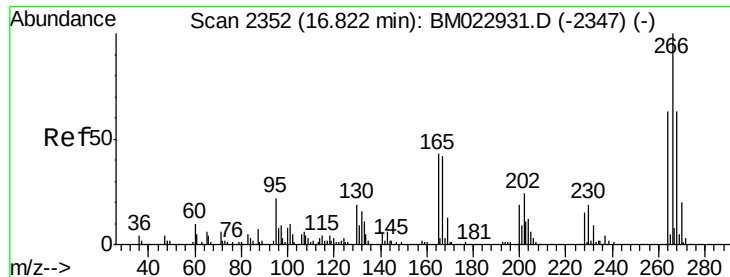
Tot Ion:109 Resp: 67410
Ion Ratio Lower Upper
109 100
139 148.3 119.5 179.3
65 128.7 105.0 157.4



#55
2,4-Dinitrotoluene
Concen: 14.346 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

Tgt Ion:165 Resp: 200561
Ion Ratio Lower Upper
165 100
63 36.0 29.8 44.6
182 3.0 2.2 3.4





#69

Pentachlorophenol

Concen: 10.523 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

ESNY8MSD

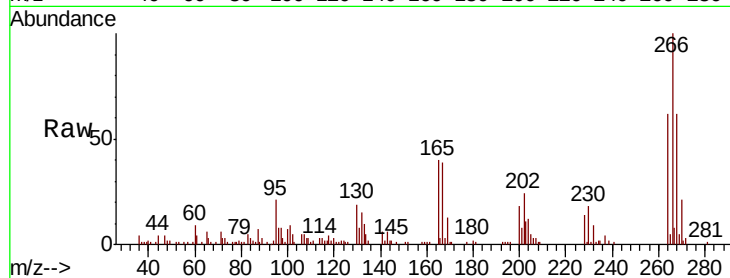
Tot Ion:266 Resp: 96102

Ion Ratio Lower Upper

266 100

264 61.7 50.8 76.2

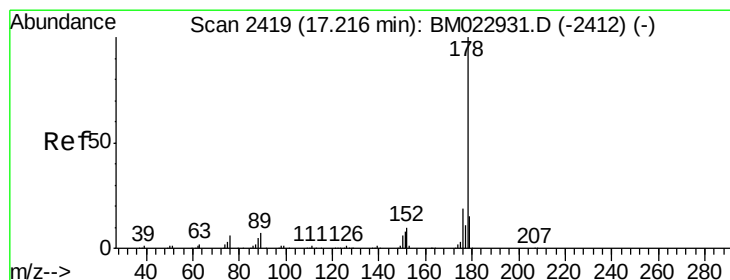
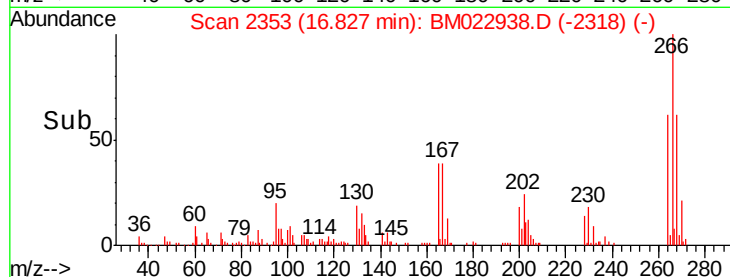
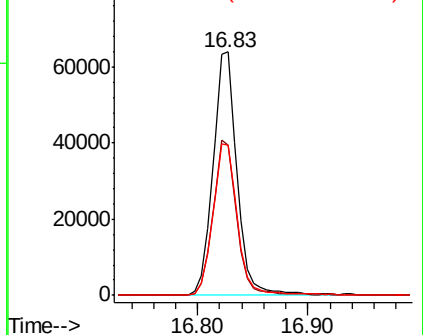
268 61.7 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 1.064 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

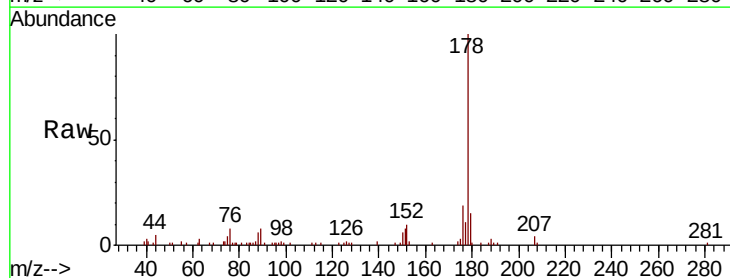
Tgt Ion:178 Resp: 66458

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

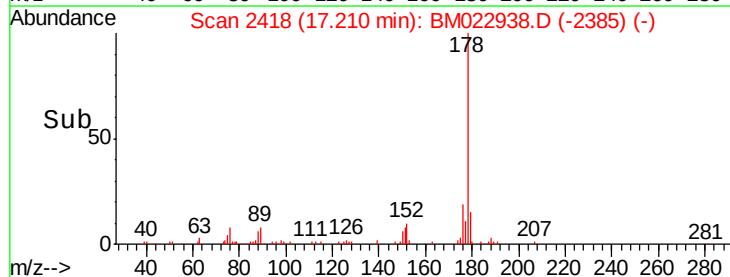
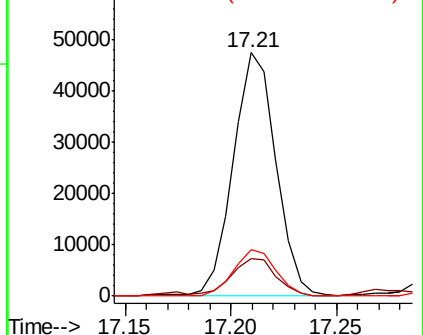
176 19.0 15.3 22.9

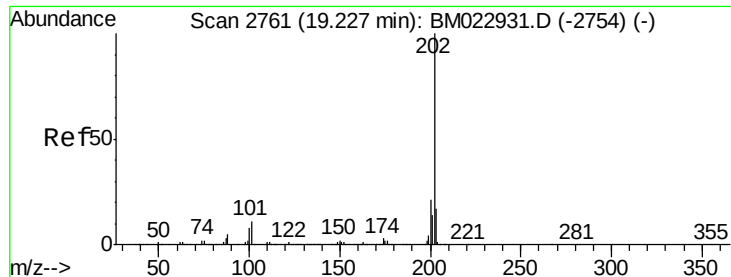


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

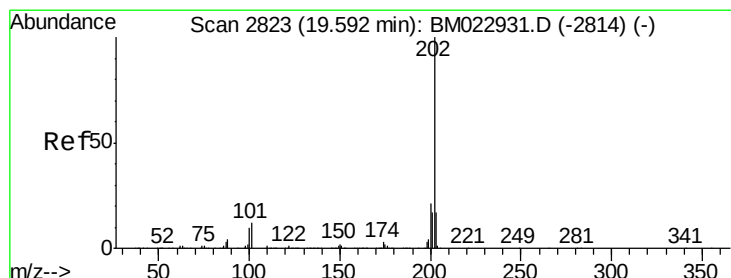
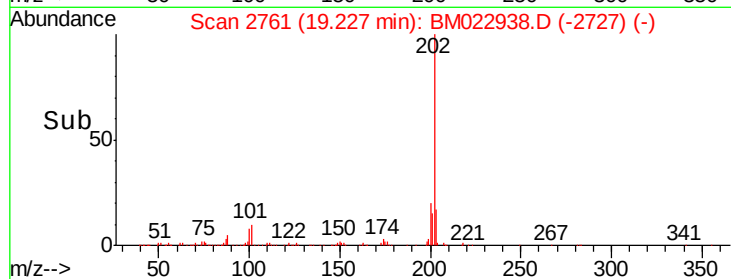
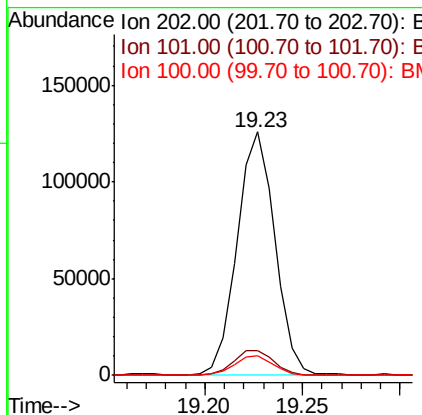
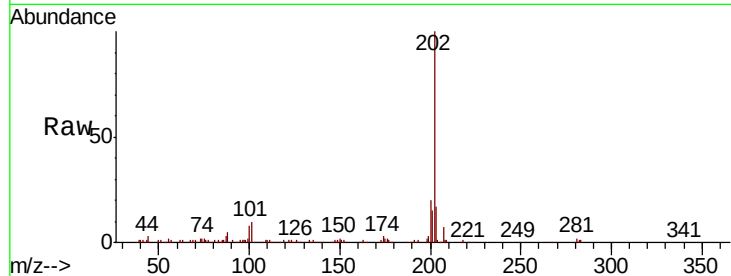




#77
 Fluoranthene
 Concen: 2.405 ng/ul
 RT: 19.23 min Scan# 2761
 Delta R.T. -0.00 min
 Lab File: BM022938.D
 Acq: 04 Oct 2019 02:26

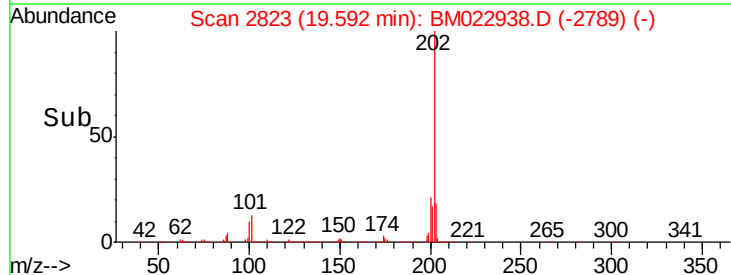
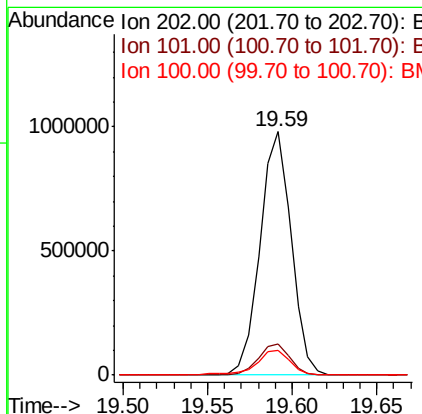
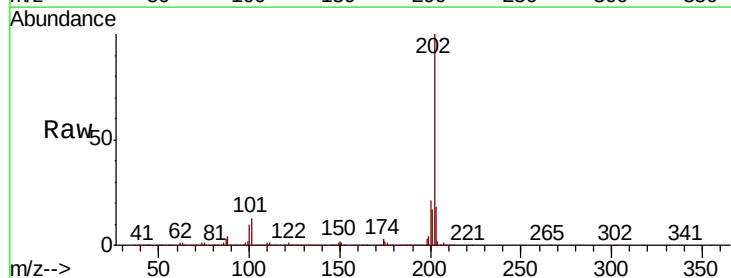
Instrument :
 BNA_M
 ClientSampleId :
 ESNY8MSD

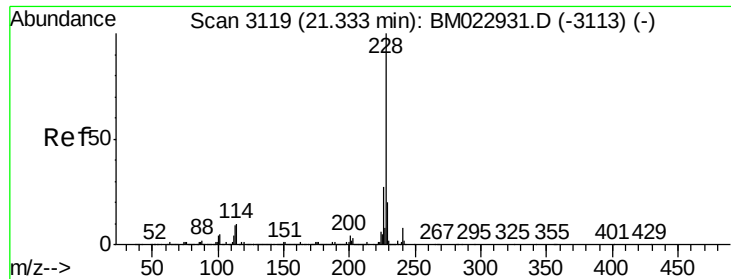
Tot Ion:	202	Resp:	168951
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	8.0	6.4	9.6



#80
 Pyrene
 Concen: 22.219 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM022938.D
 Acq: 04 Oct 2019 02:26

Tgt Ion:	202	Resp:	1257341
Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	10.2	7.8	11.8





#83

Benzo(a)anthracene

Concen: 1.367 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

ESNY8MSD

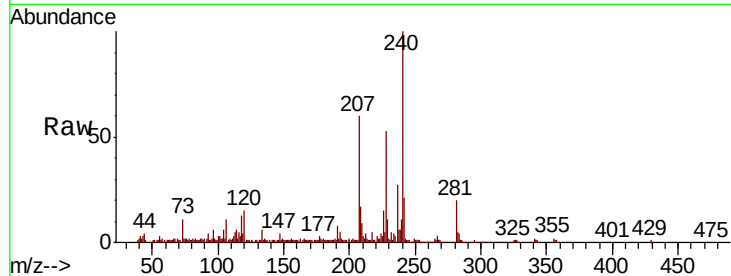
Tot Ion:228 Resp: 78355

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

226 28.9 22.4 33.6

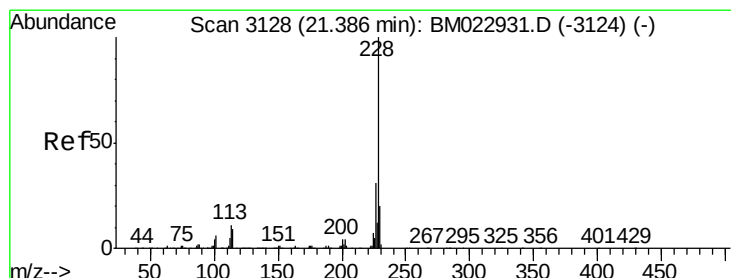
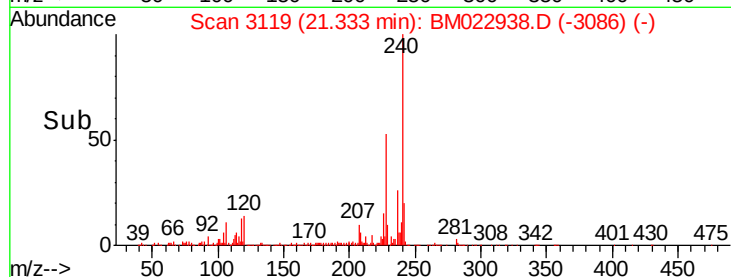
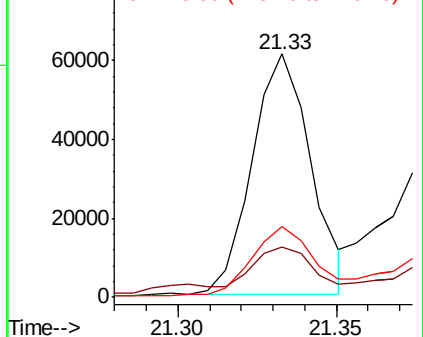


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.610 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

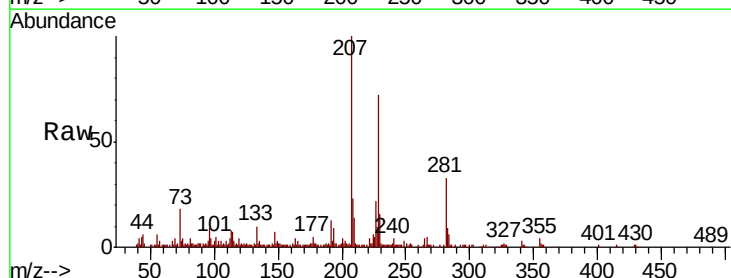
Tgt Ion:228 Resp: 85082

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 22.0 15.9 23.9

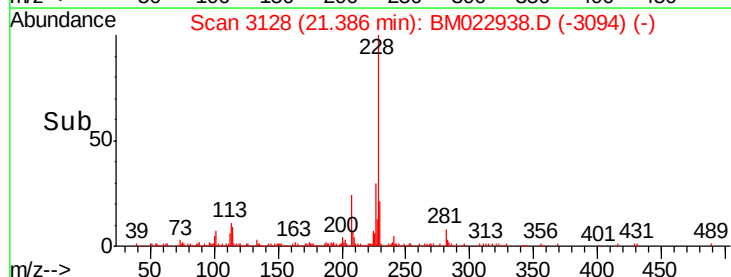
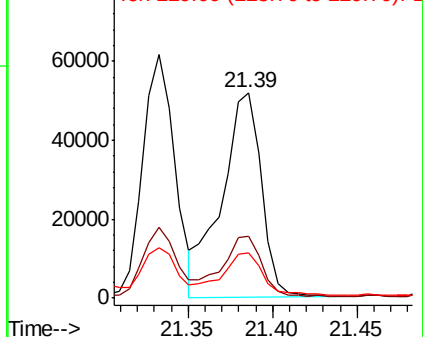


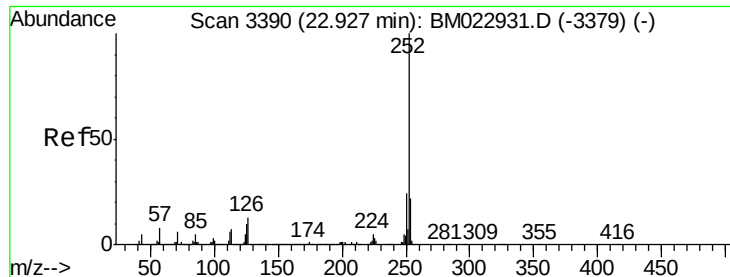
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.240 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

Instrument :

BNA_M

ClientSampleId :

ESNY8MSD

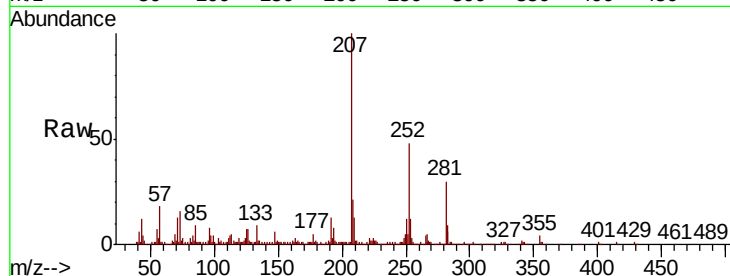
Tot Ion:252 Resp: 137903

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

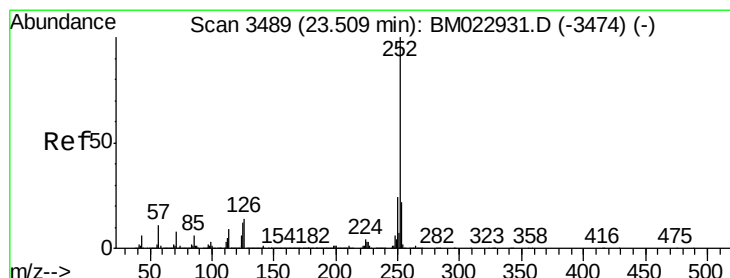
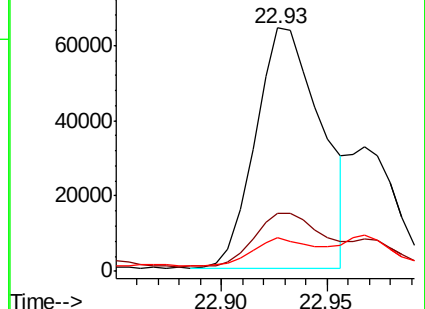
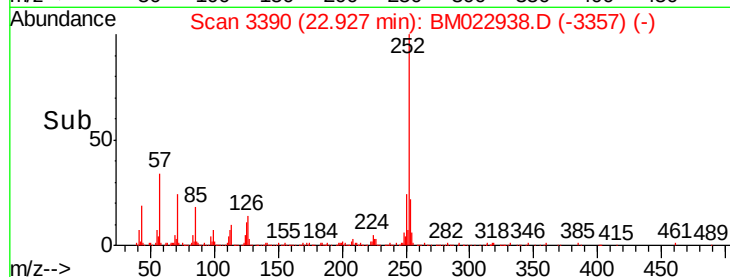
125 13.6 8.2 12.2#



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: 1.848 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM022938.D

Acq: 04 Oct 2019 02:26

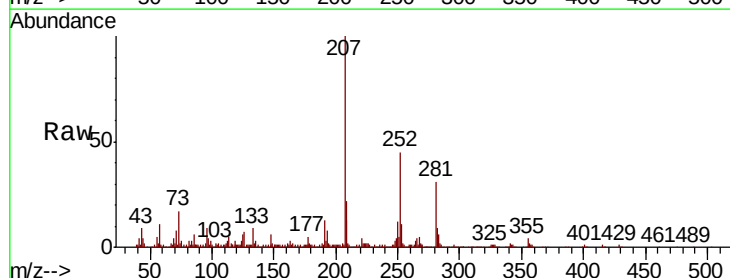
Tgt Ion:252 Resp: 106731

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

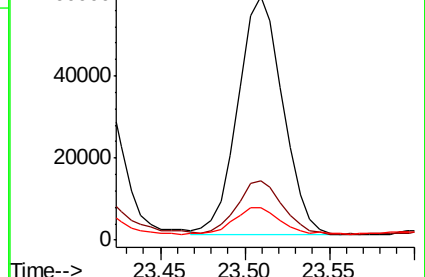
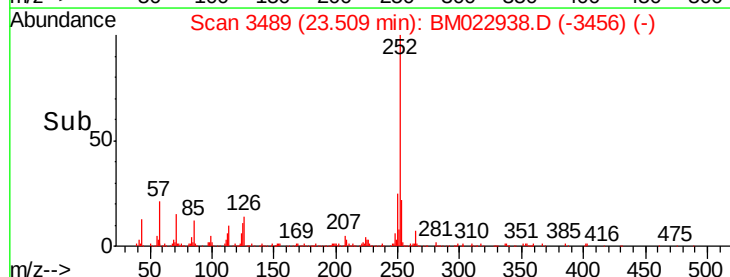
125 13.4 8.7 13.1#

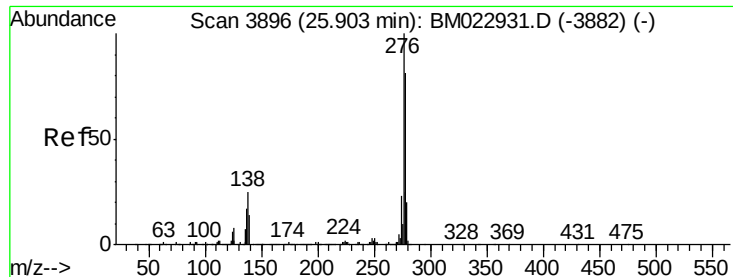


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



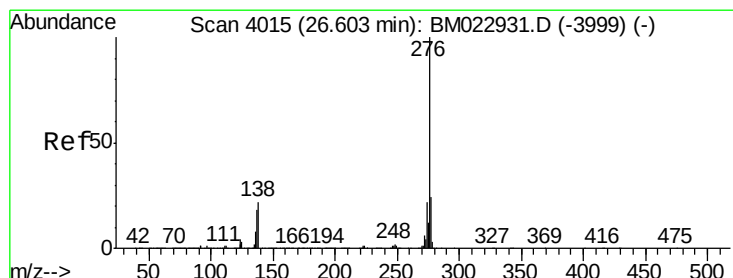
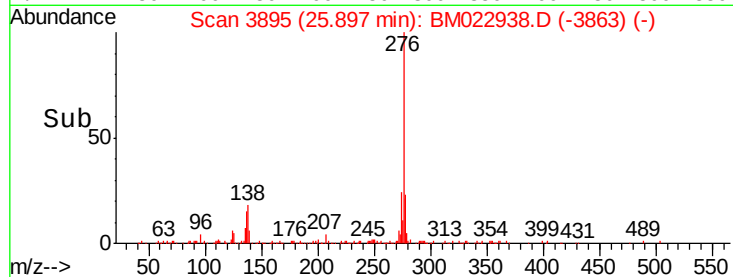
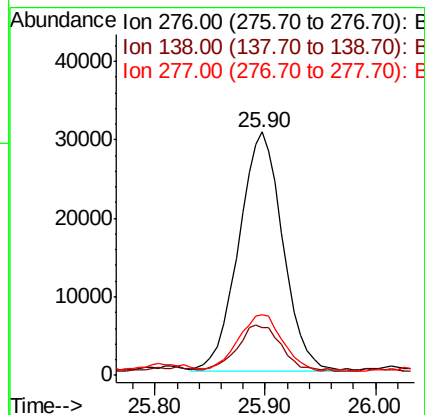
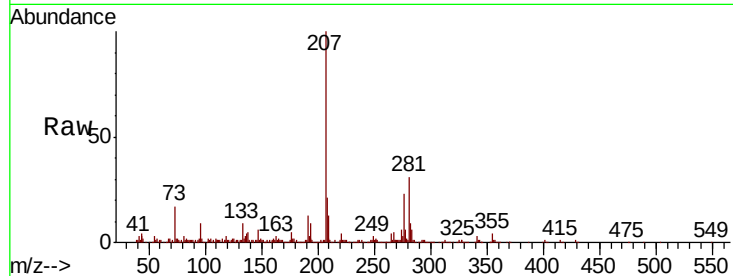


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.388 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

Instrument :
BNA_M
ClientSampleId :
ESNY8MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.8	29.8#
277	24.8	20.3	30.5



#94

Benzo(g,h,i)perylene
Concen: 1.769 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BM022938.D
Acq: 04 Oct 2019 02:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.6	26.4
277	24.0	19.1	28.7

