

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022942.D
 Acq On : 04 Oct 2019 04:50
 Operator : JU
 Sample : K4988-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNY5

Quant Time: Oct 04 05:31:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 04:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	240805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1002745	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	554483	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	937834	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	822803	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1011467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17248	3.10	ng/uL	0.00
5) Phenol-d5	6.96	99	329891	15.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	193032	16.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	280806	16.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	208093	11.95	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	134301	17.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	143844	17.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	263772	15.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	289359	14.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	737342	17.13	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	890892	17.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	75793	8.91	ng/ul	0.00
58) Fluorene-d10	15.42	176	619362	16.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	53732	8.80	ng/ul	0.00
71) Anthracene-d10	17.27	188	815030	17.80	ng/ul	0.00
79) Pyrene-d10	19.56	212	864319	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1009453	19.29	ng/ul	0.00

Target Compounds

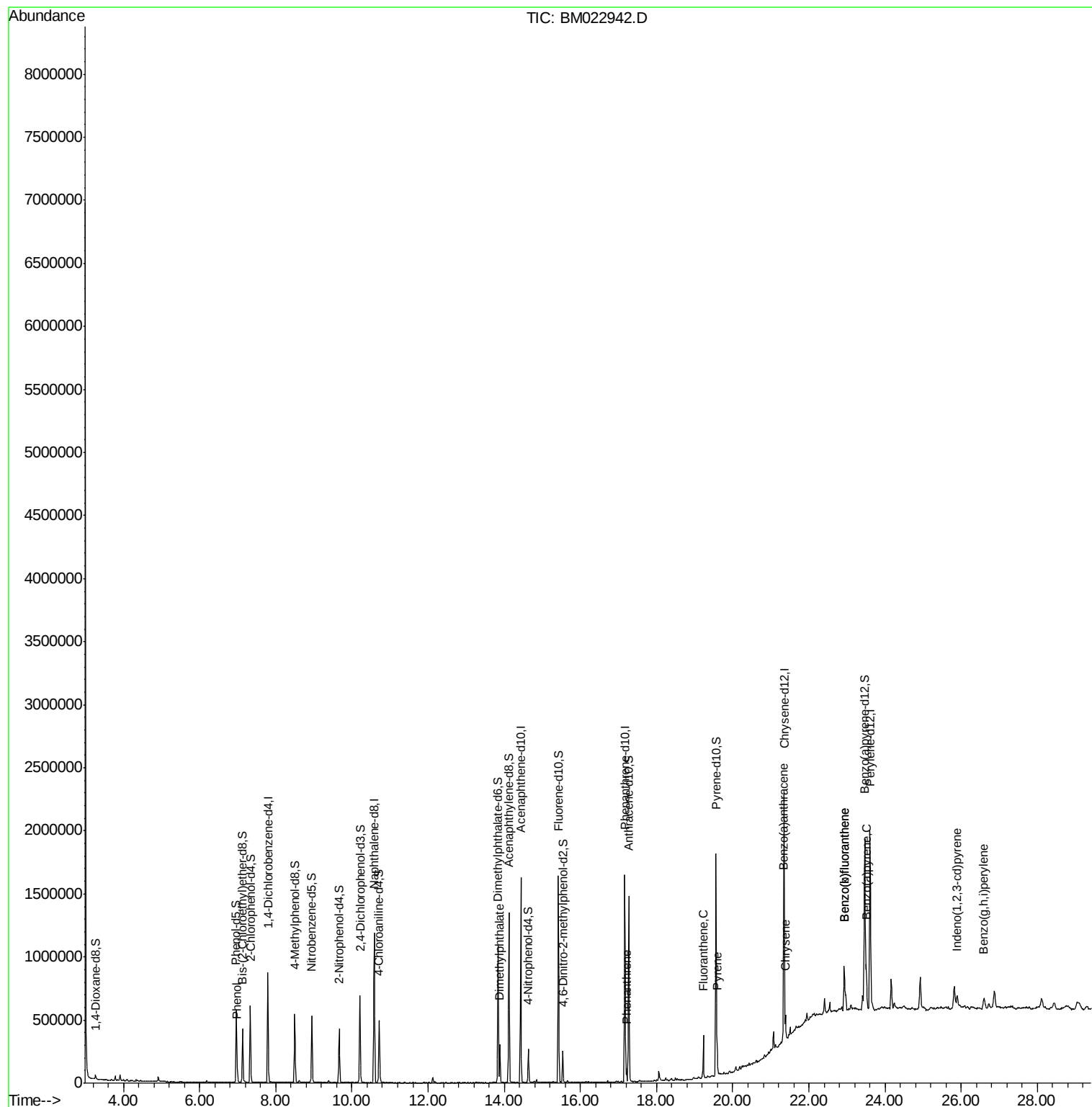
					Ovalue
6) Phenol	6.99	94	52843	2.369 ng/ul	99
45) Dimethylphthalate	13.89	163	192591	4.357 ng/ul	99
70) Phenanthrene	17.21	178	61336	1.096 ng/ul	99
77) Fluoranthene	19.23	202	192685	3.061 ng/ul	100
80) Pyrene	19.59	202	171262	2.936 ng/ul	97
83) Benzo(a)anthracene	21.33	228	97686	1.654 ng/ul	99
85) Chrysene	21.39	228	99036	1.818 ng/ul	98
88) Benzo(b)fluoranthene	22.93	252	175336	2.612 ng/ul#	93
89) Benzo(k)fluoranthene	22.93	252	175336	2.730 ng/ul#	93
91) Benzo(a)pyrene	23.51	252	115634	1.836 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.90	276	98874	1.478 ng/ul	96
94) Benzo(g,h,i)perylene	26.60	276	104063	1.928 ng/ul	97

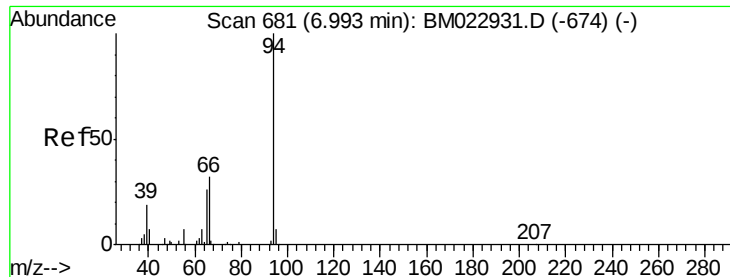
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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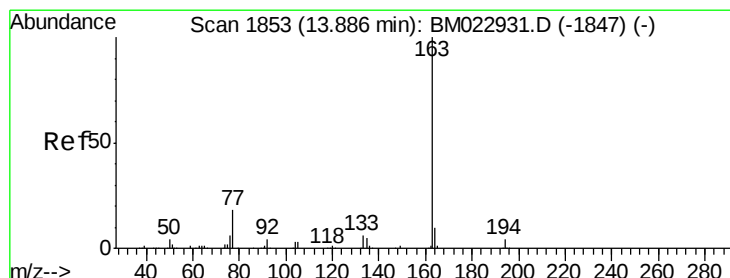
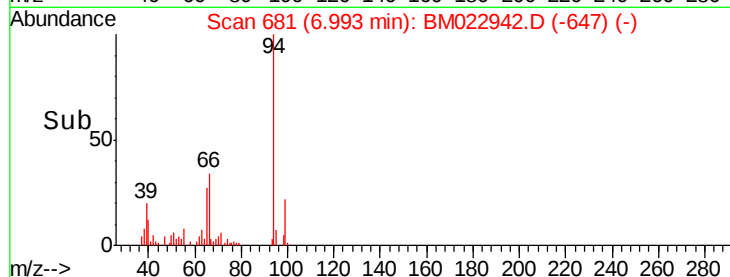
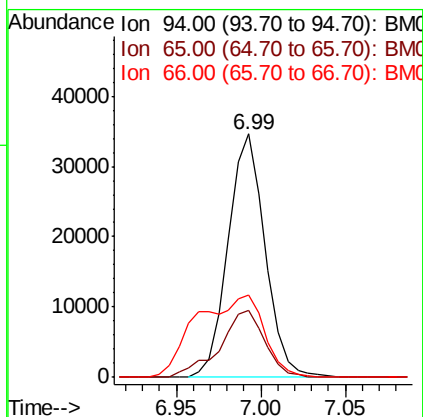
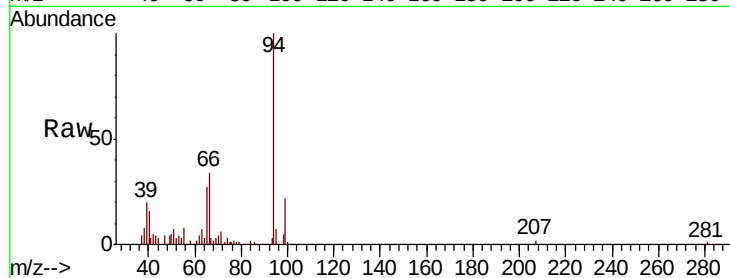
#6

Phenol

Concen: 2.369 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022942.D
 Acq: 04 Oct 2019 04:50

Instrument :
 BNA_M
 ClientSampleId :
 ESNY5

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.4	20.9	31.3
66	33.7	27.2	40.8

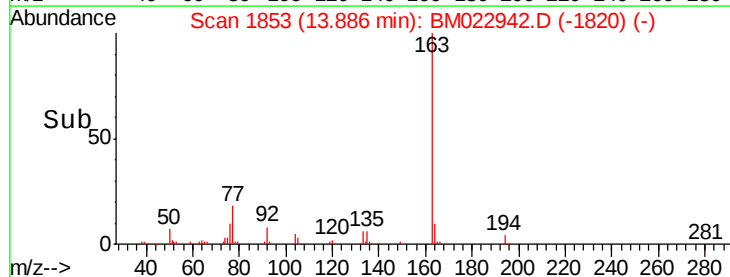
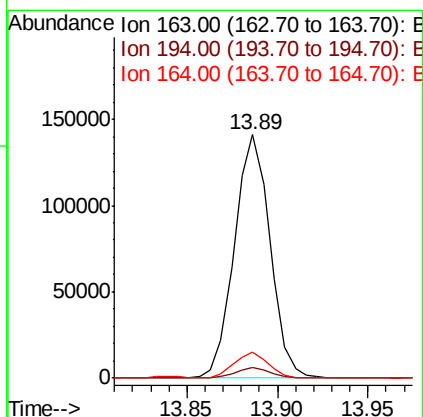
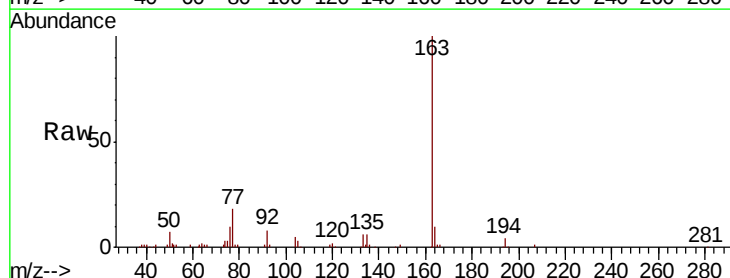


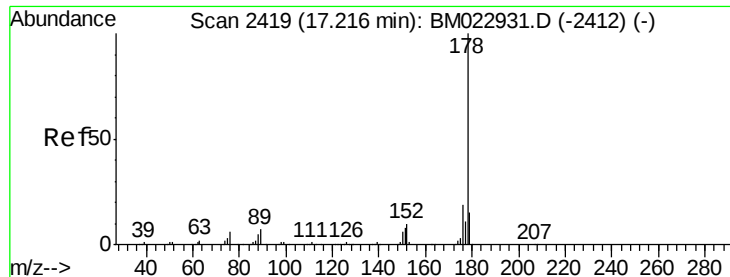
#45

Dimethylphthalate

Concen: 4.357 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BM022942.D
 Acq: 04 Oct 2019 04:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.5	8.1	12.1

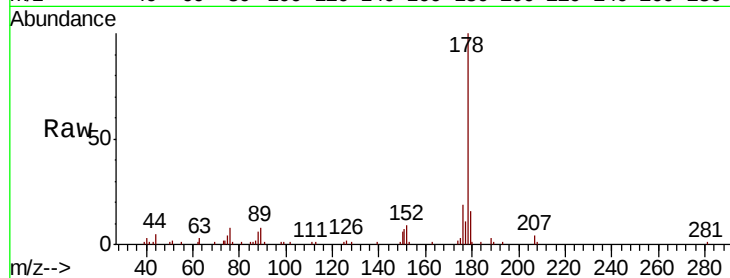




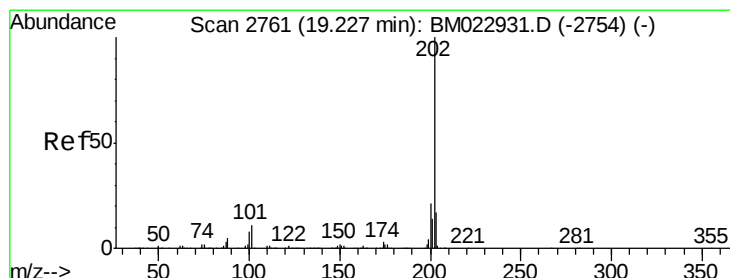
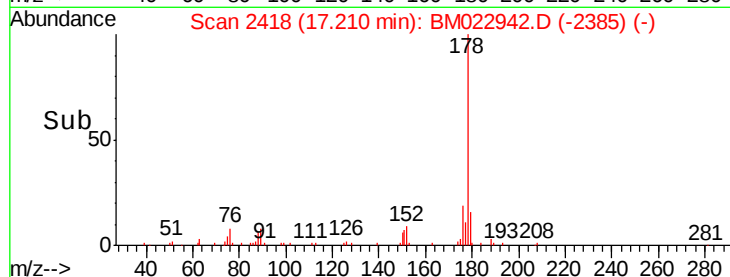
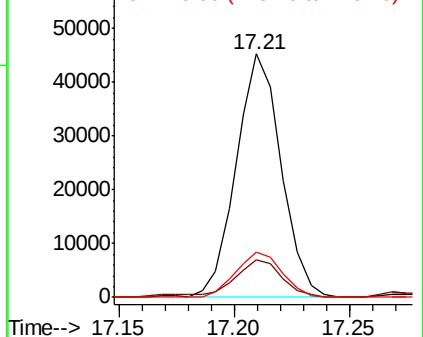
#70
Phenanthrene
Concen: 1.096 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :
ESNY5

Tot Ion:178 Resp: 61336
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.7 15.3 22.9

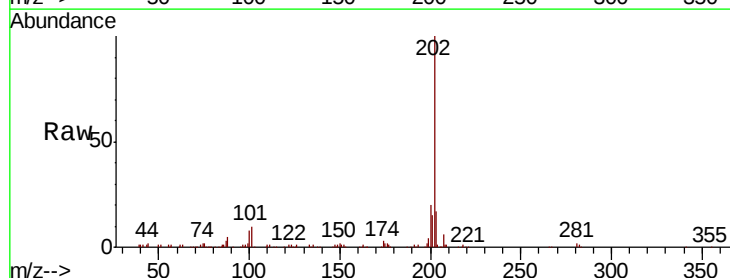


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

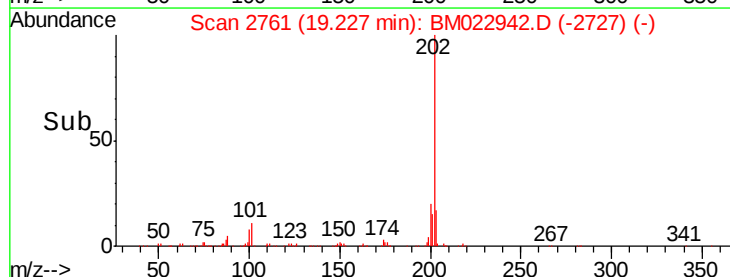
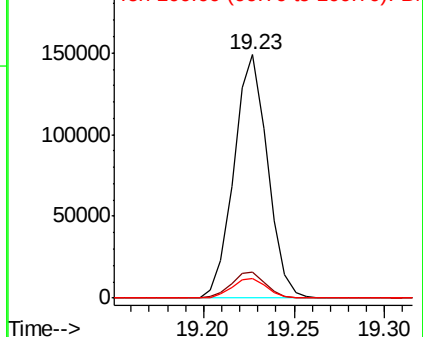


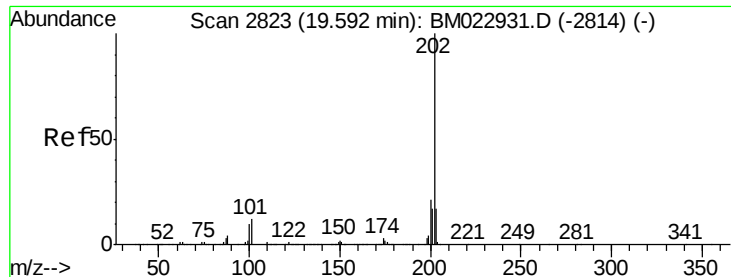
#77
Fluoranthene
Concen: 3.061 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Tgt Ion:202 Resp: 192685
Ion Ratio Lower Upper
202 100
101 10.5 8.6 12.8
100 8.0 6.4 9.6



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): B

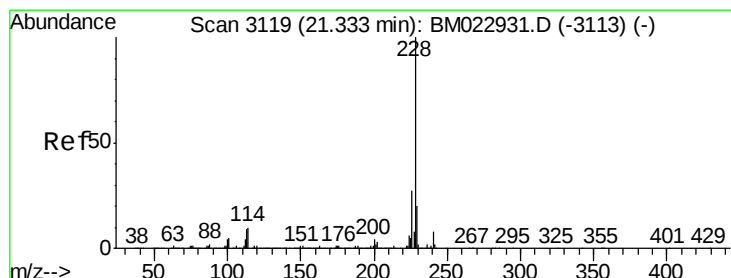
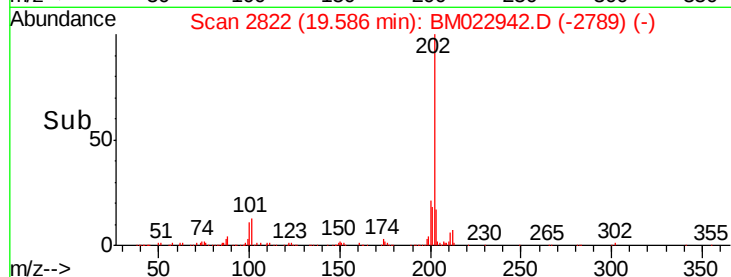
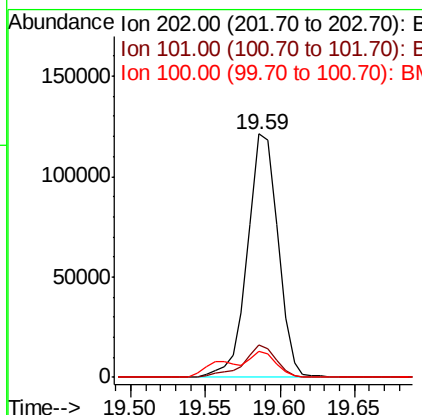
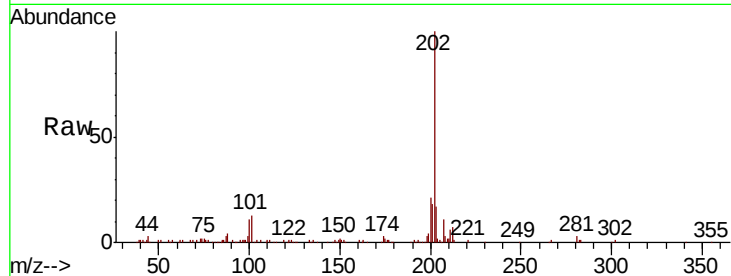




#80
Pvrene
Concen: 2.936 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

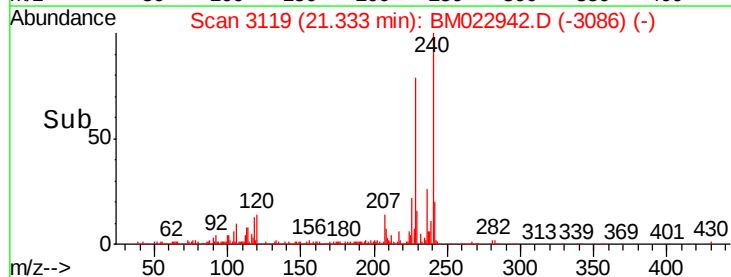
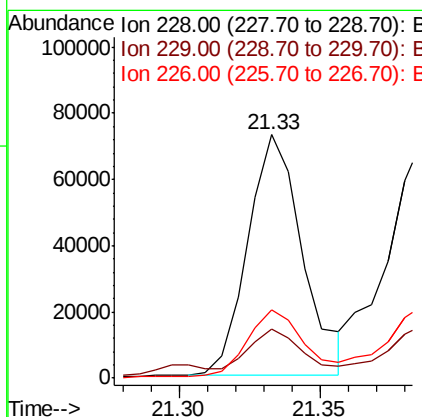
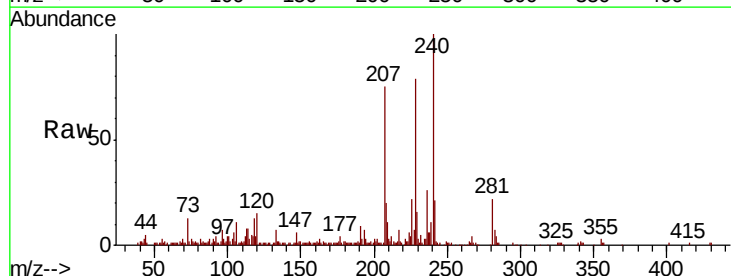
Instrument :
BNA_M
ClientSampleId :
ESNY5

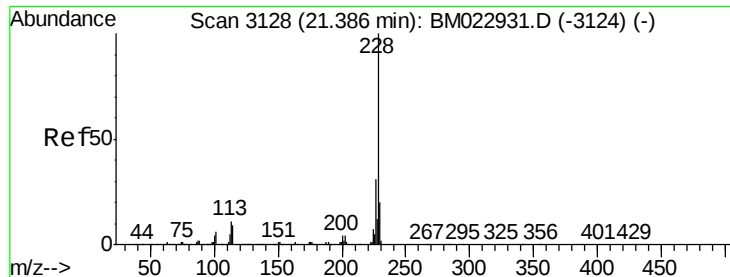
Tot Ion:202 Resp: 171262
Ion Ratio Lower Upper
202 100
101 13.4 9.7 14.5
100 10.6 7.8 11.8



#83
Benzo(a)anthracene
Concen: 1.654 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Tgt Ion:228 Resp: 97686
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.8 22.4 33.6





#85

Chrysene

Concen: 1.818 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM022942.D

Acq: 04 Oct 2019 04:50

Instrument :

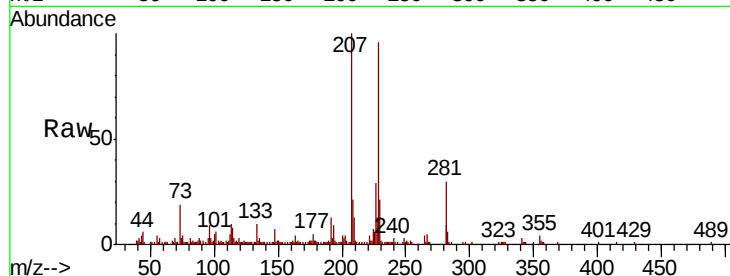
BNA_M

ClientSampleId :

ESNY5

Tot Ion:228 Resp: 99036

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.9	15.9	23.9

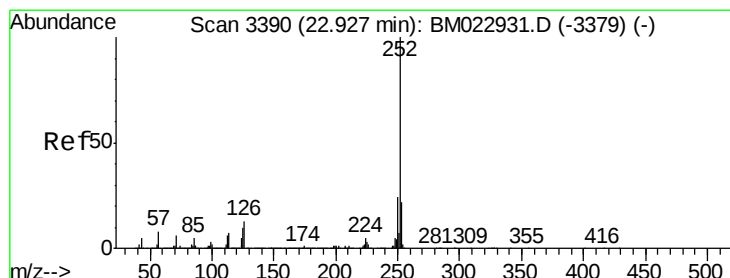
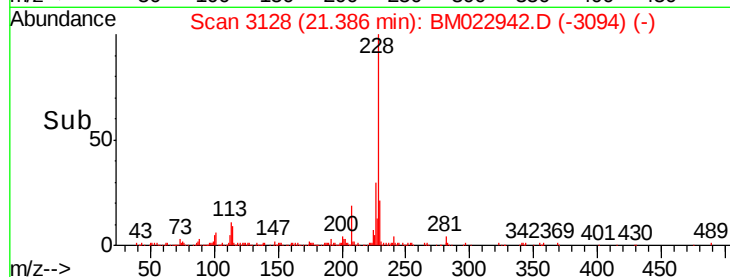
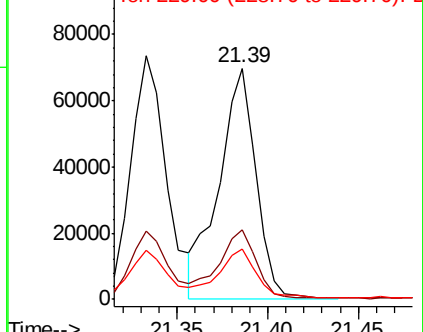


Abundance

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: 2.612 ng/ul

RT: 22.93 min Scan# 3390

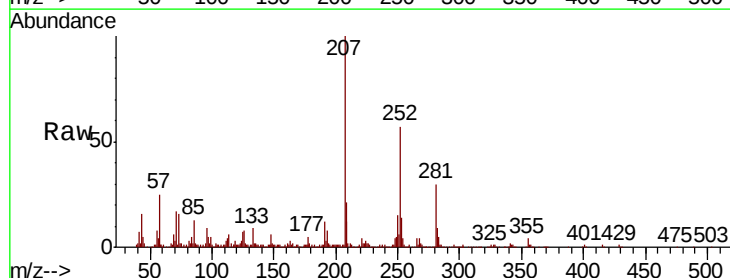
Delta R.T. -0.01 min

Lab File: BM022942.D

Acq: 04 Oct 2019 04:50

Tgt Ion:252 Resp: 175336

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	13.1	8.2	12.2

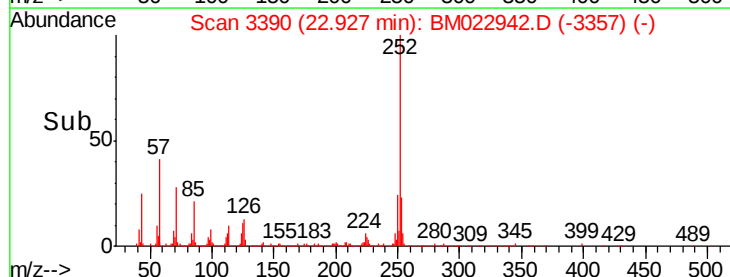
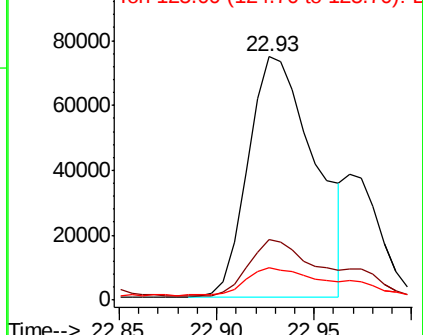


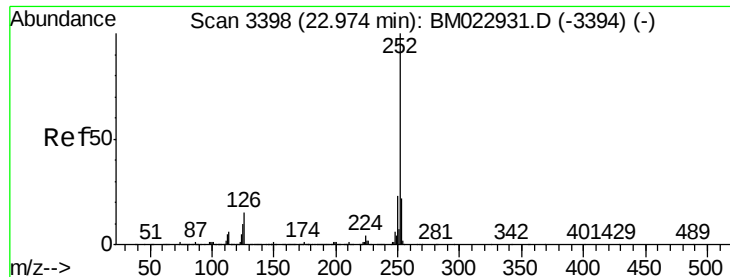
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 2.730 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM022942.D

Acq: 04 Oct 2019 04:50

Instrument :

BNA_M

ClientSampleId :

ESNY5

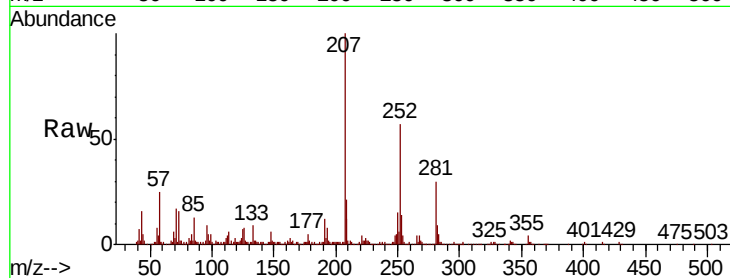
Tot Ion:252 Resp: 175336

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 13.1 7.9 11.9#

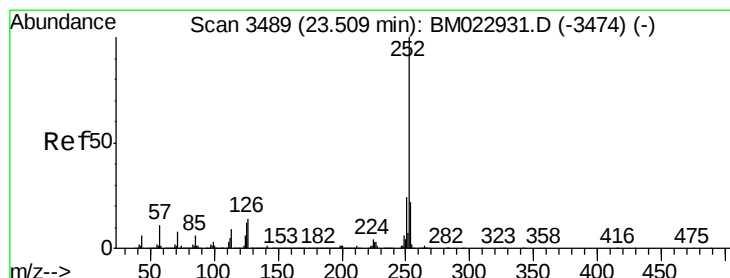
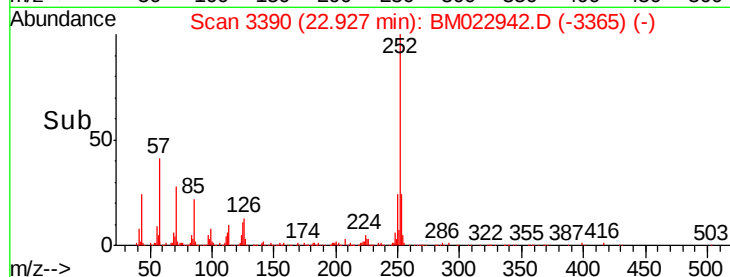
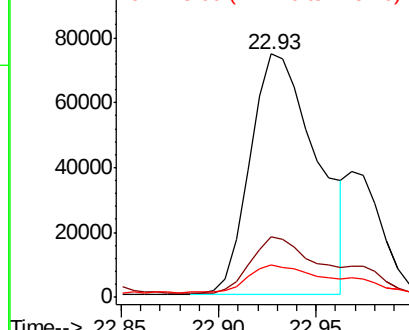


Abundance

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: 1.836 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM022942.D

Acq: 04 Oct 2019 04:50

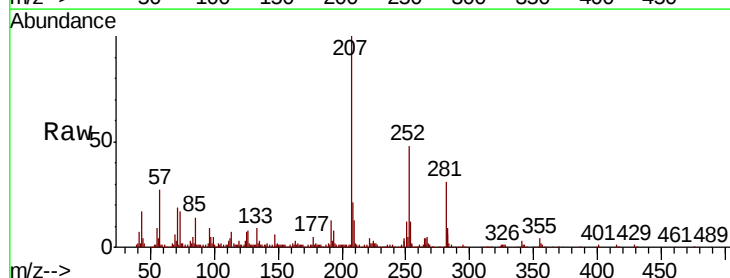
Tgt Ion:252 Resp: 115634

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 13.8 8.7 13.1#

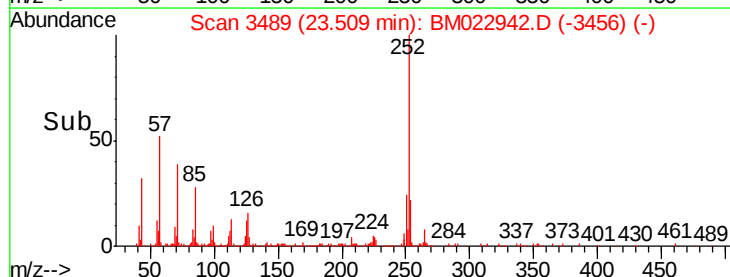
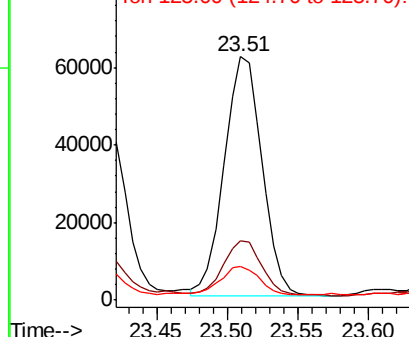


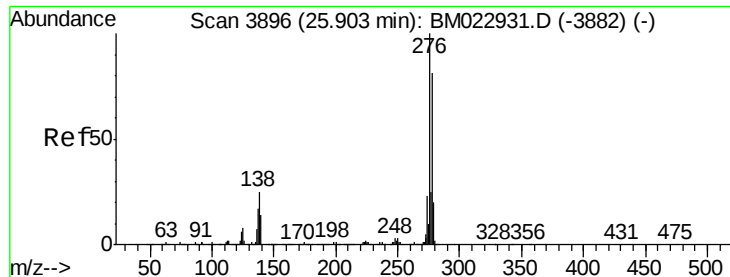
Abundance

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



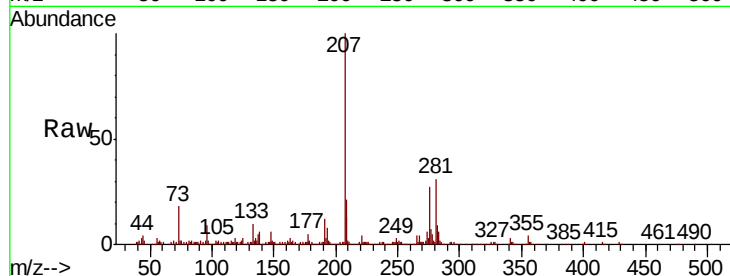


#92

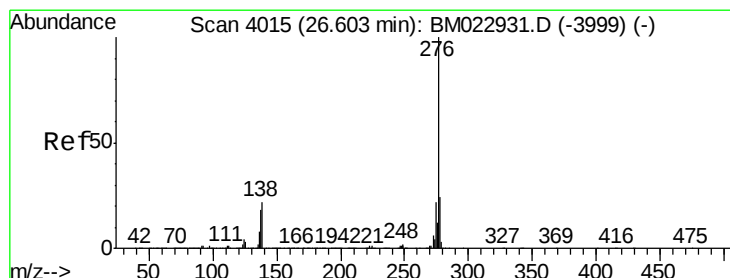
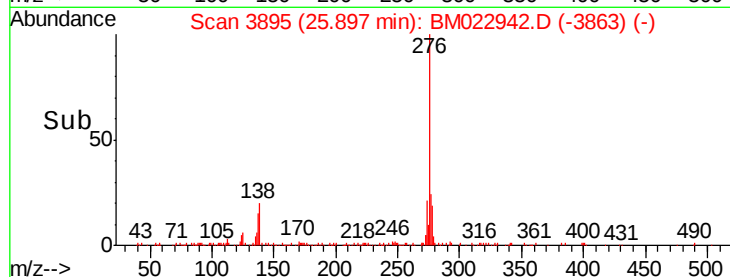
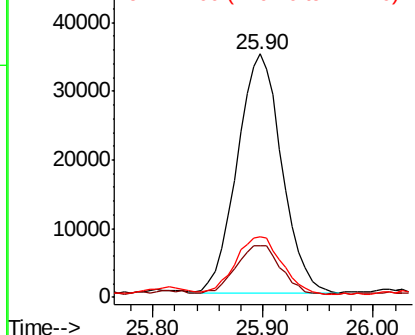
Indeno(1,2,3-cd)pyrene
Concen: 1.478 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.8	29.8
277	24.8	20.3	30.5



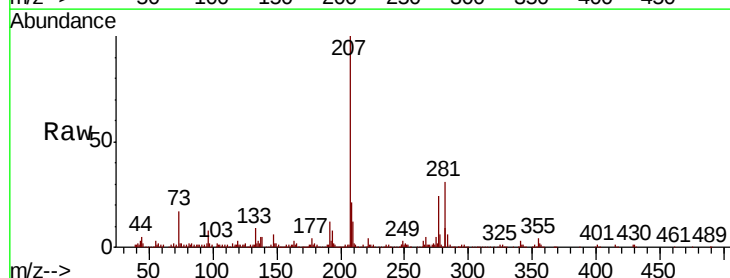
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene
Concen: 1.928 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.6	26.4
277	24.6	19.1	28.7



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

