

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 05:36:48 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

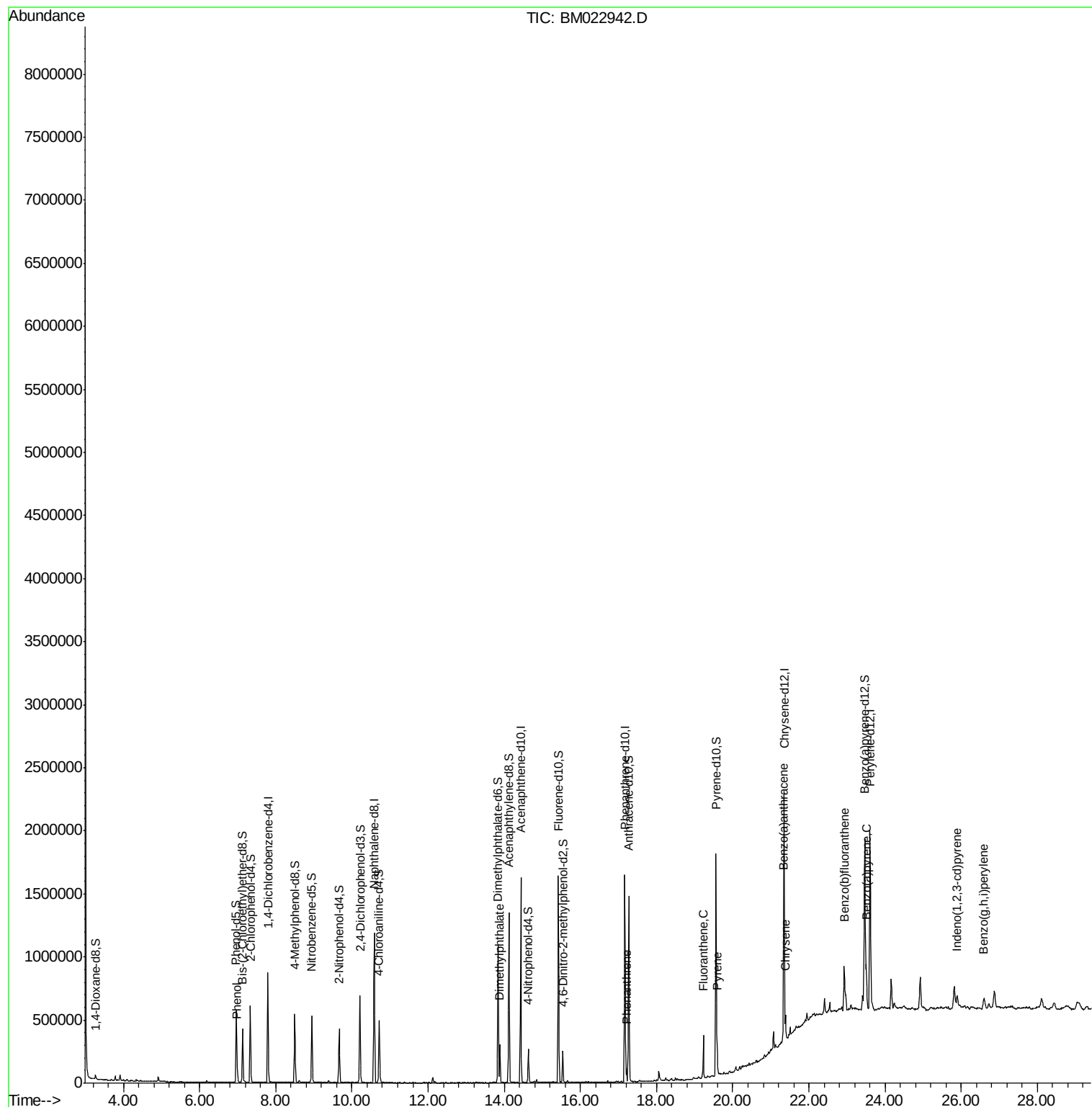
					Ovalue
6) Phenol	6.99	94	52843	2.369	ng/ul 99
45) Dimethylphthalate	13.89	163	192591	4.357	ng/ul 99
70) Phenanthrene	17.21	178	61336	1.096	ng/ul 99
77) Fluoranthene	19.23	202	192685	3.061	ng/ul 100
80) Pyrene	19.59	202	171262	2.936	ng/ul 97
83) Benzo(a)anthracene	21.33	228	97686	1.654	ng/ul 99
85) Chrysene	21.39	228	99036	1.818	ng/ul 98
88) Benzo(b)fluoranthene	22.93	252	175336	2.612	ng/ul# 93
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

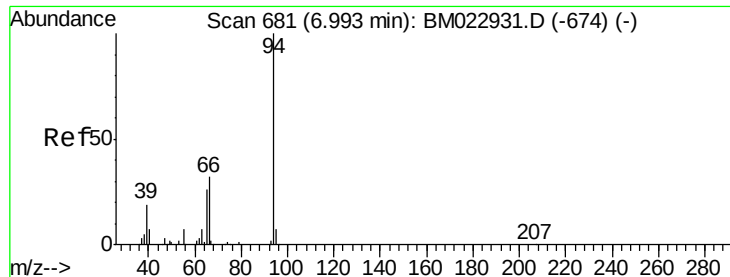
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 05:36:48 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





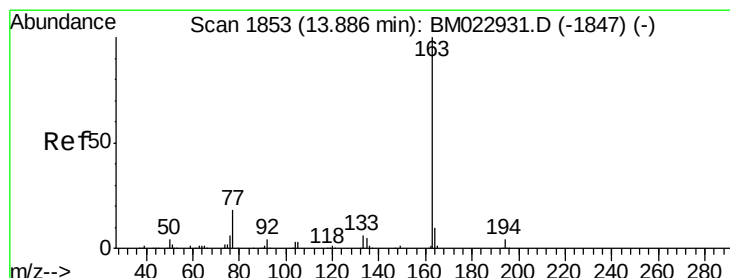
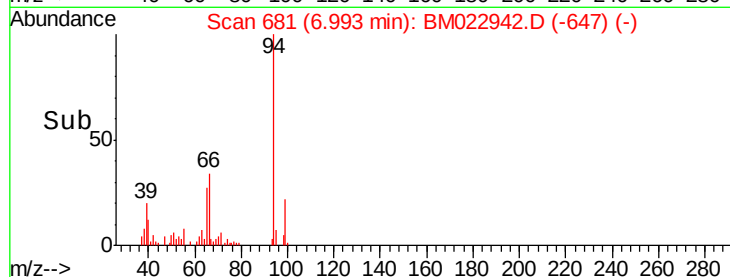
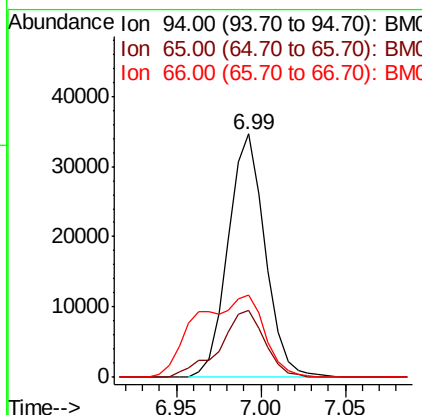
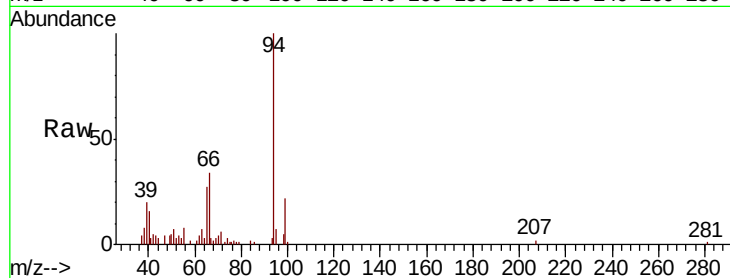
#6

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

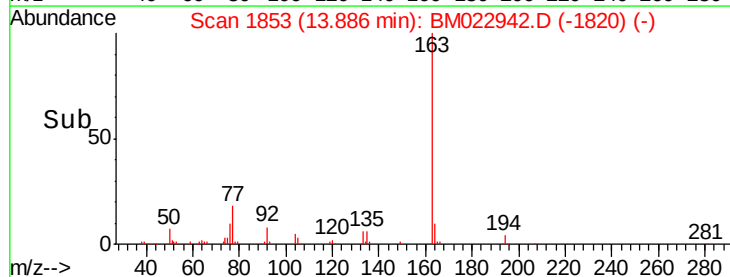
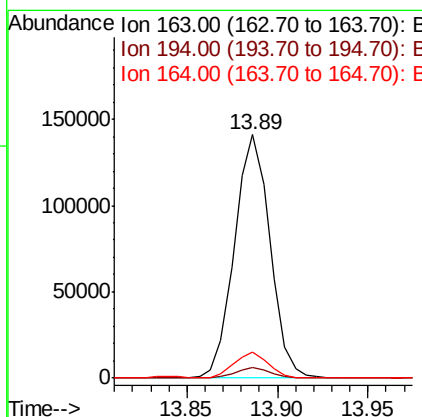
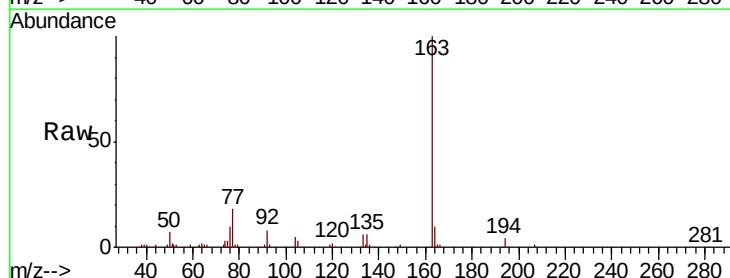


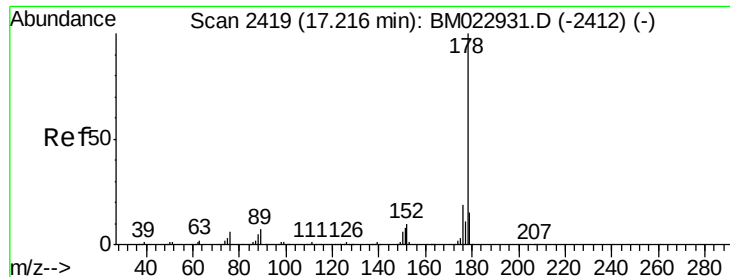
#45

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

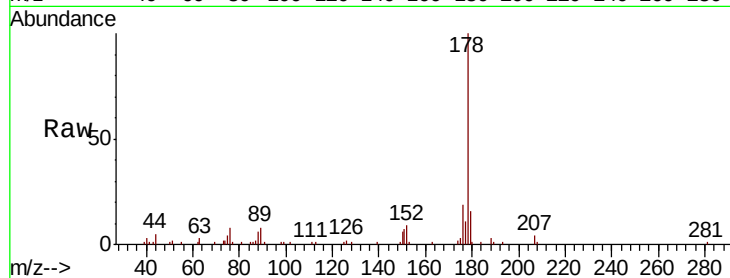
Tot Ion:178 Resp: 61336

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

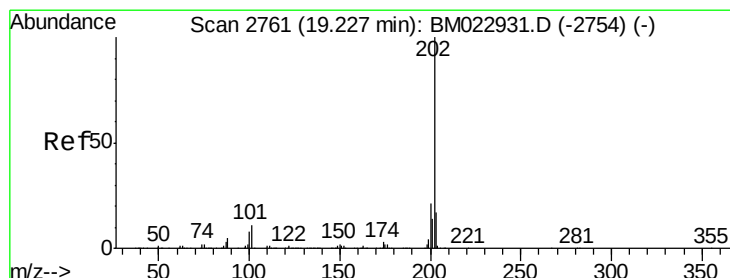
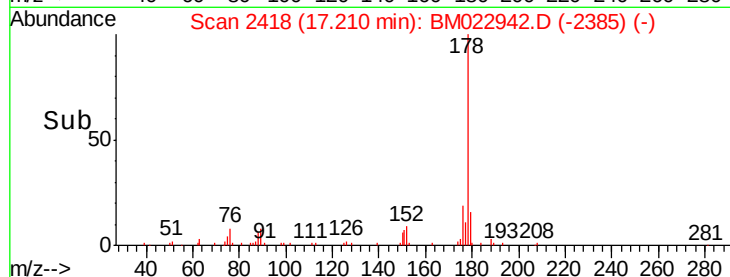
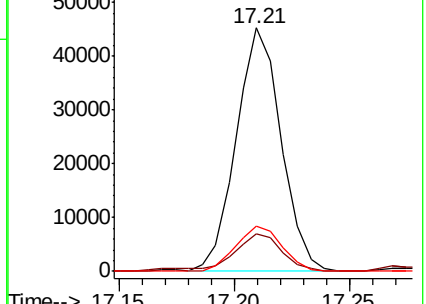
176 18.7 15.3 22.9



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

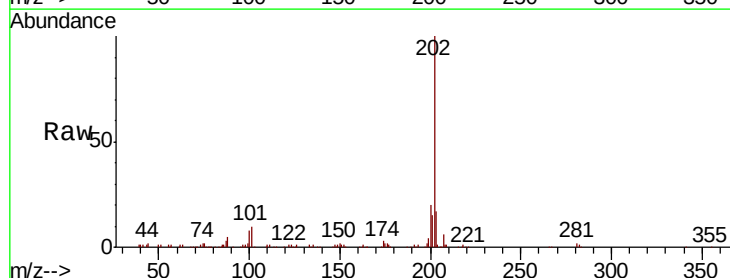
Tgt Ion:202 Resp: 192685

Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

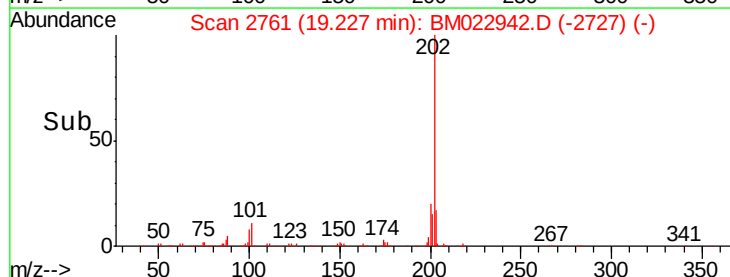
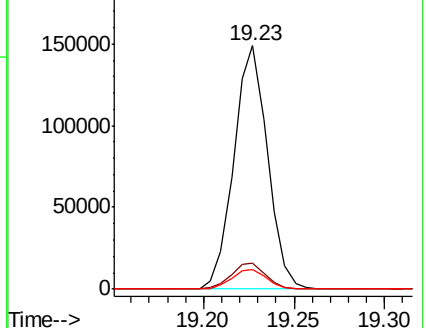
100 8.0 6.4 9.6

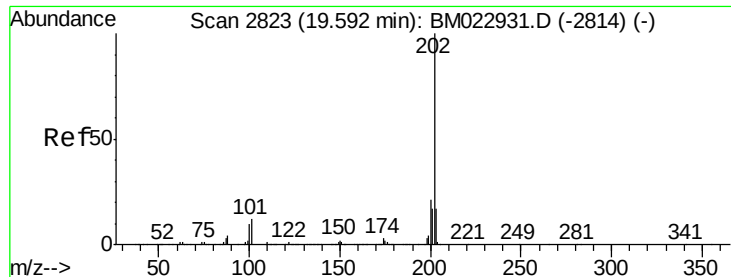


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

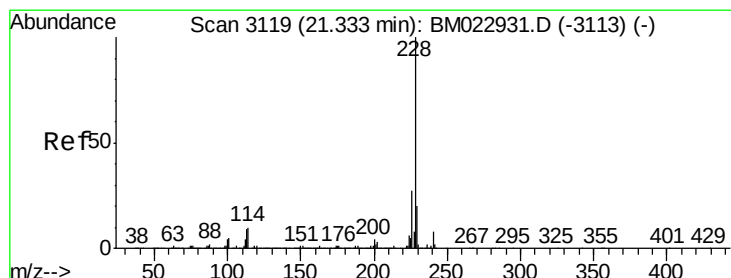
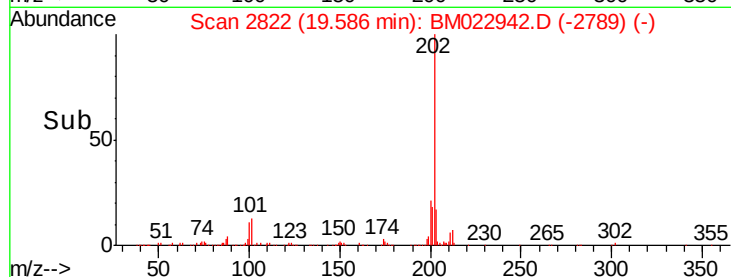
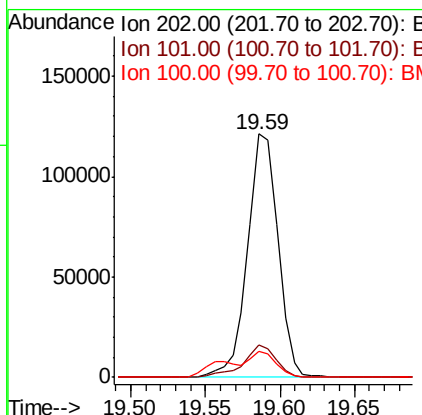
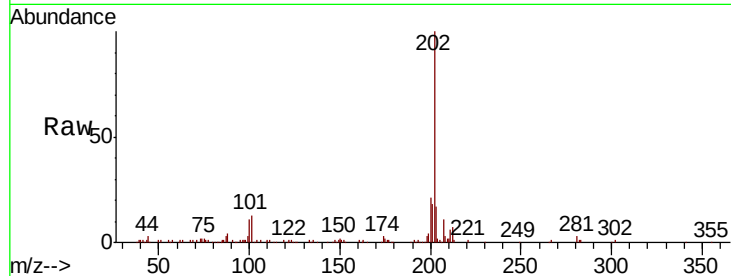




#80
Pvrene
Concen: 2.936 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

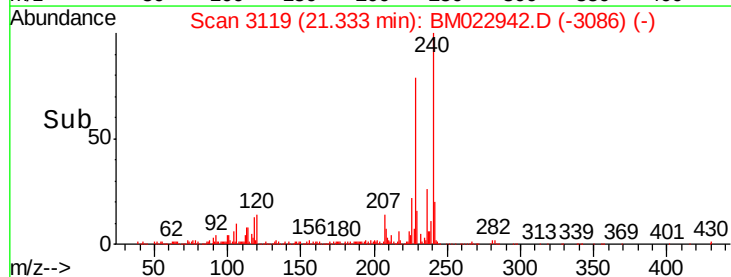
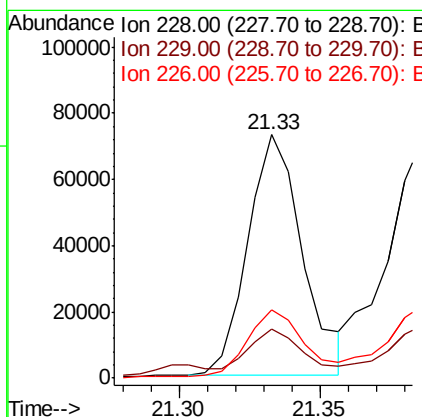
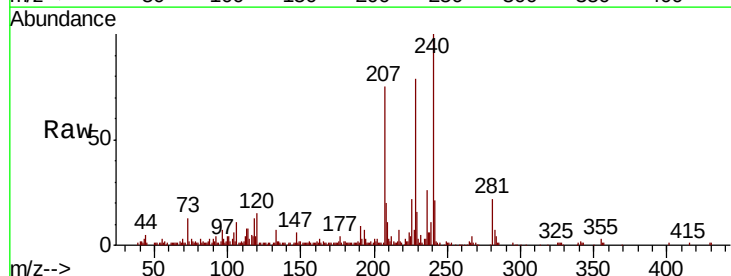
Instrument :
BNA_M
ClientSampleId :
ESNY5

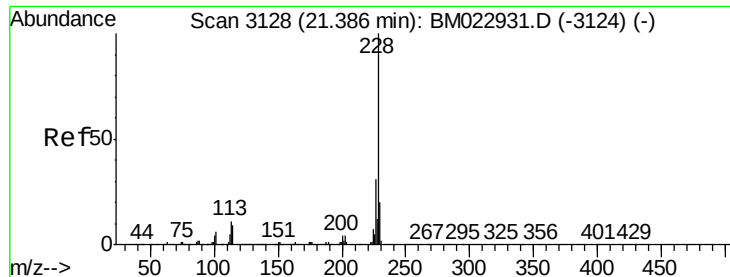
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.6	7.8	11.8



#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	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	27.8	22.4	33.6

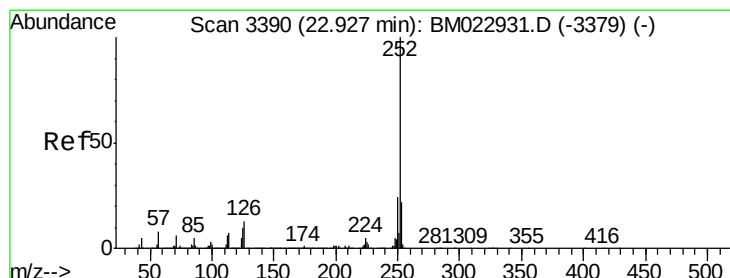
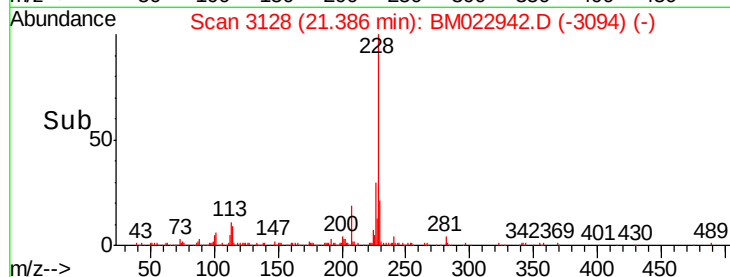
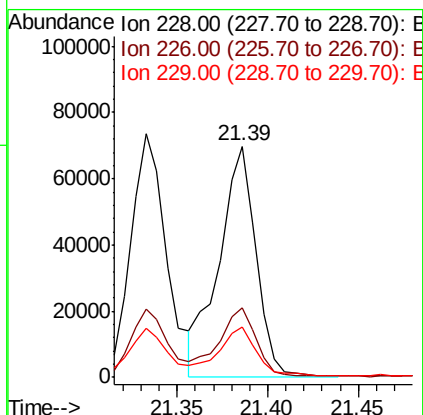
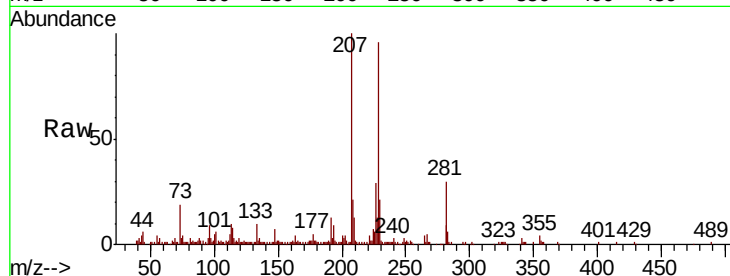




#85
Chrysene
Concen: 1.818 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

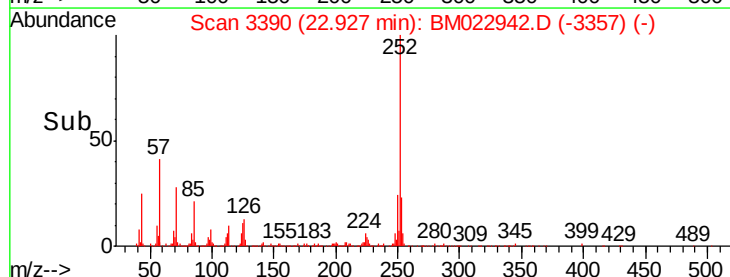
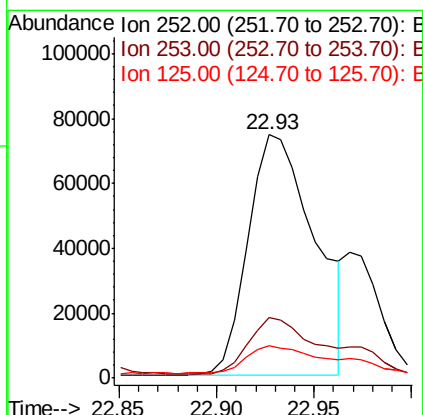
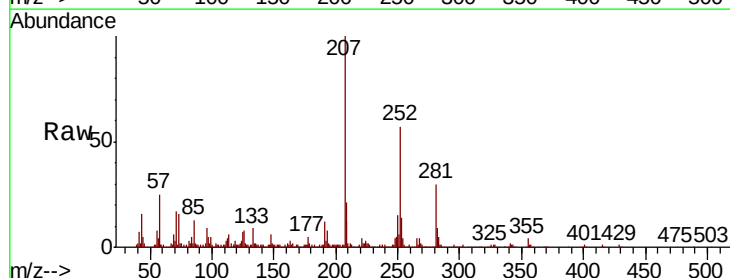
Instrument :
BNA_M
ClientSampleId :
ESNY5

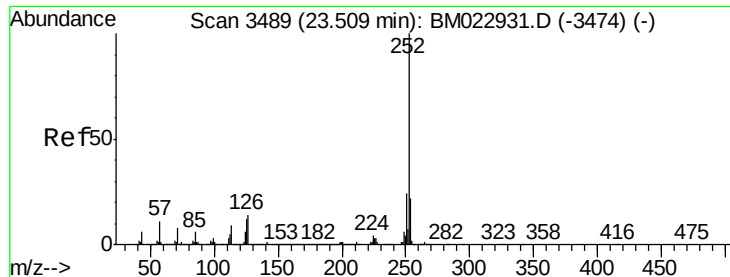
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.9	15.9	23.9



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





#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

Instrument :

BNA_M

ClientSampleId :

ESNY5

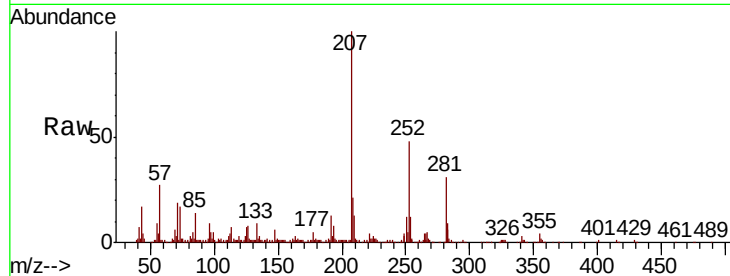
Tot Ion:252 Resp: 115634

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

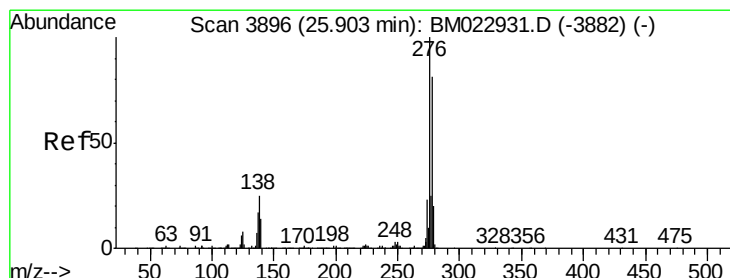
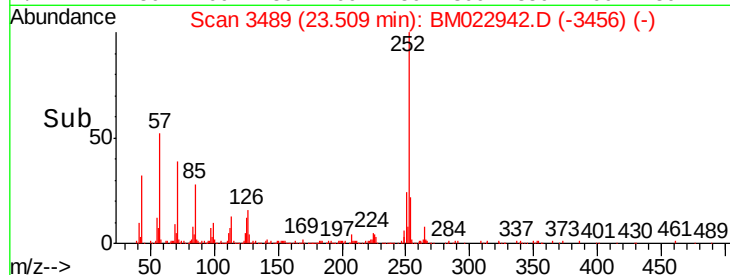
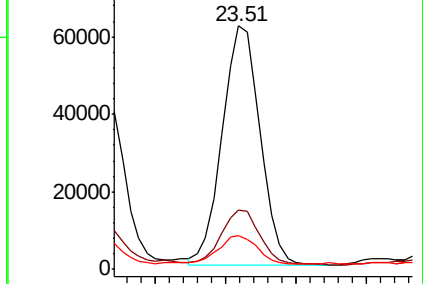
125 13.8 8.7 13.1#



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

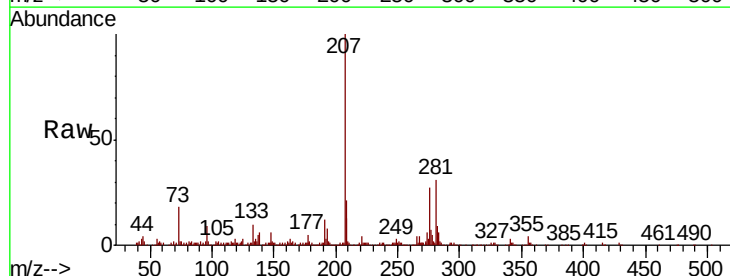
Tgt Ion:276 Resp: 98874

Ion Ratio Lower Upper

276 100

138 21.2 19.8 29.8

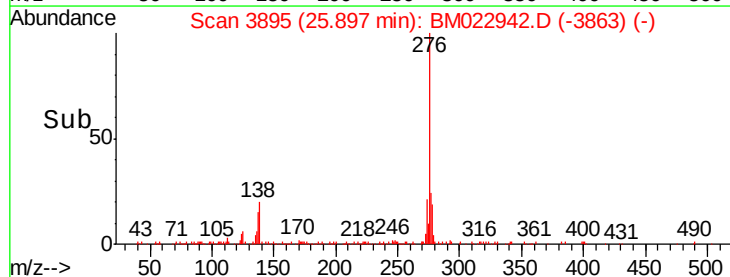
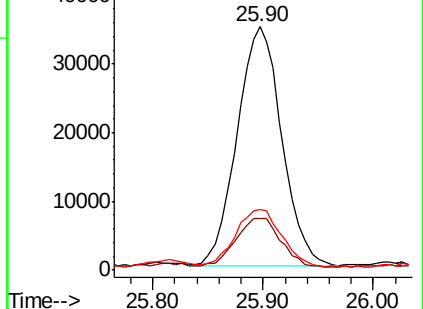
277 24.8 20.3 30.5

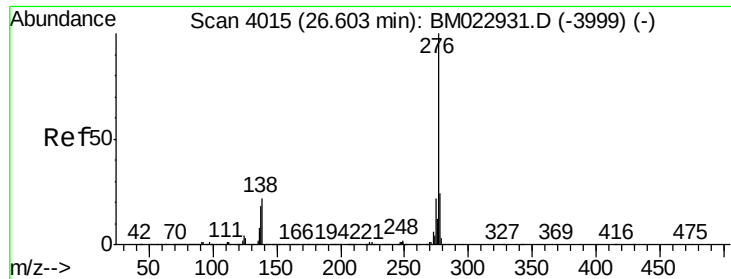


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,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

Instrument :

BNA_M

ClientSampleId :

ESNY5

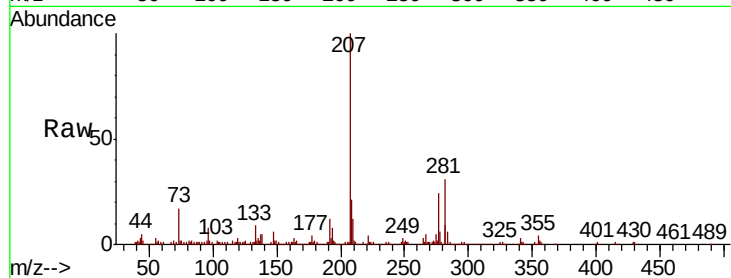
Tot Ion:276 Resp: 104063

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

