Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022936.D
Acq On : 04 Oct 2019 01:14
Operator : JU
Sample : K4988-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNY8

Quant Time: Oct 04 04:42:00 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	215832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	902308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	511007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	922188	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	747059	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	882379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	11906	2.39	ng/uL	0.00
5) Phenol-d5	6.96	99	238275	12.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	142131	13.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	206238	13.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	137058	8.78	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	98669	14.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	107231	14.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	198684	13.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	174686	9.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	615080	15.51	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	724767	15.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	56272	7.18	ng/ul	0.00
58) Fluorene-d10	15.42	176	524289	15.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	43532	7.25	ng/ul	0.00
71) Anthracene-d10	17.27	188	731422	16.24	ng/ul	0.00
79) Pyrene-d10	19.56	212	749054	18.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	783378	17.16	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	41276	2.065	ng/ul	99
45) Dimethylphthalate	13.89	163	181563	4.457	ng/ul	100
70) Phenanthrene	17.21	178	82460	1.498	ng/ul	100
77) Fluoranthene	19.23	202	202723	3.275	ng/ul	99
80) Pyrene	19.59	202	179159	3.383	ng/ul	97
83) Benzo(a)anthracene	21.33	228	84476	1.575	ng/ul	98
85) Chrysene	21.38	228	87310	1.766	ng/ul	98
88) Benzo(b)fluoranthene	22.93	252	120479	2.057	ng/ul#	95
91) Benzo(a)pyrene	23.51	252	89900	1.636	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.90	276	67709	1.160	ng/ul	96
94) Benzo(g,h,i)perylene	26.59	276	73178	1.554	ng/ul	98

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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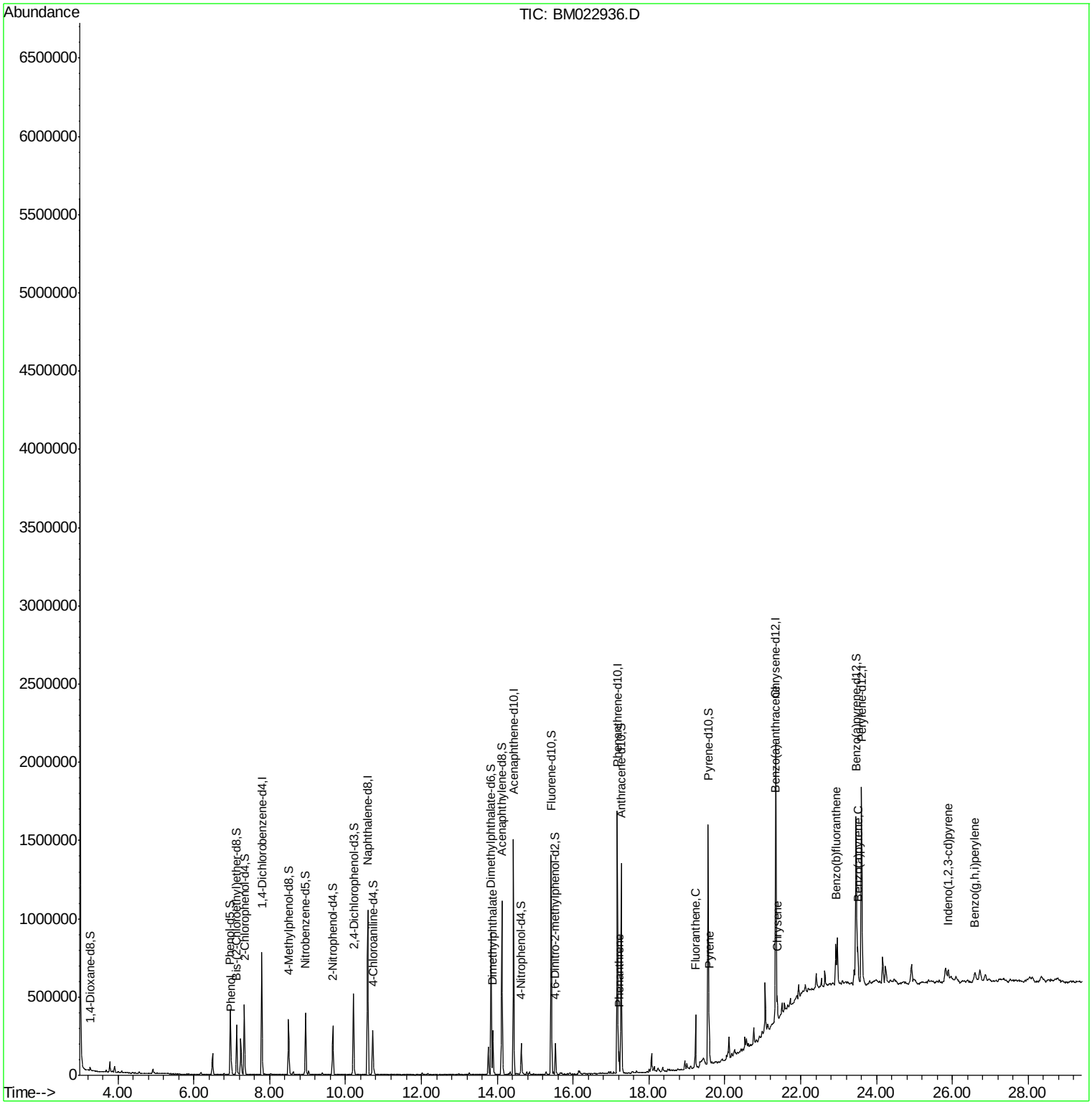
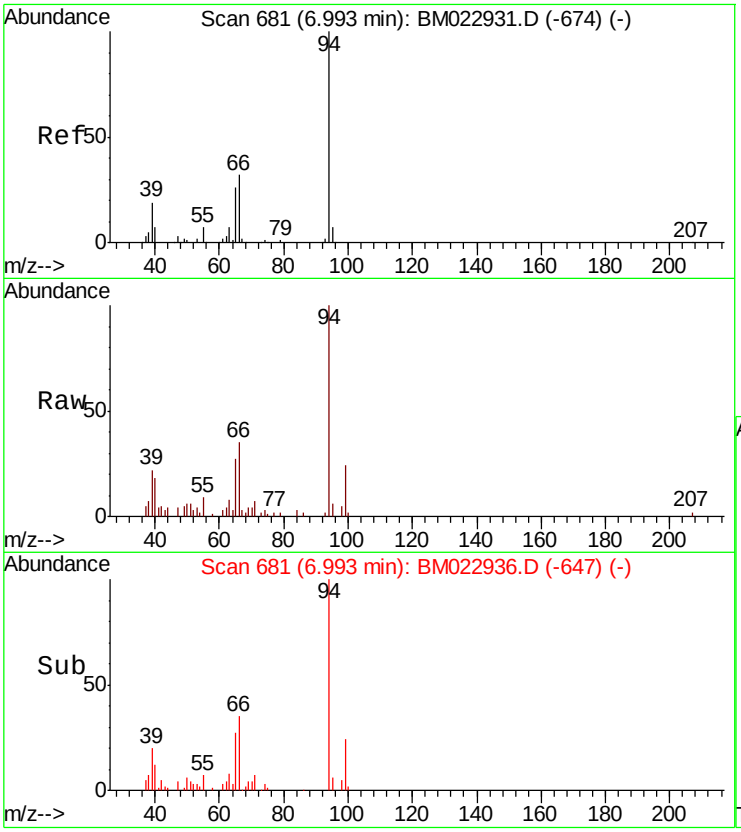


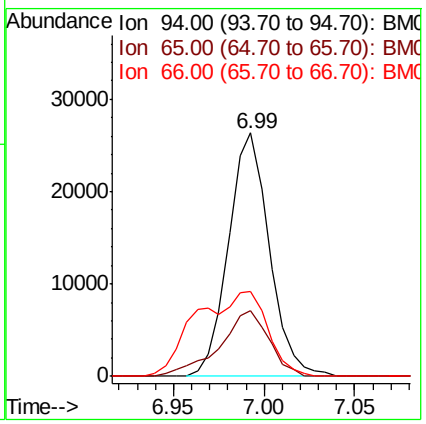


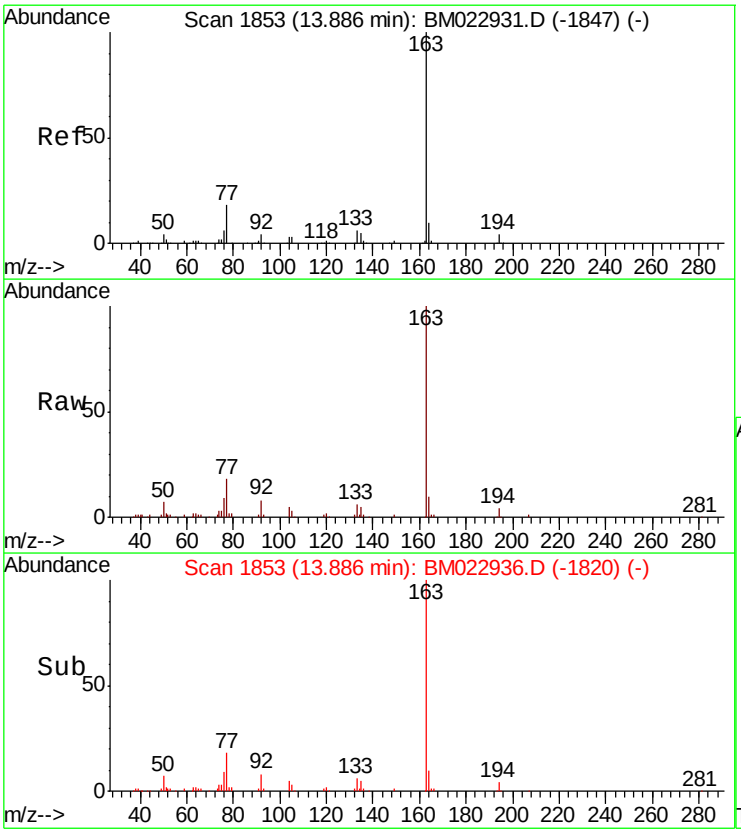
#6
Phenol
Concen: 2.065 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion: 94 Resp: 41276

Ion	Ratio	Lower	Upper
94	100		
65	27.0	20.9	31.3
66	34.6	27.2	40.8

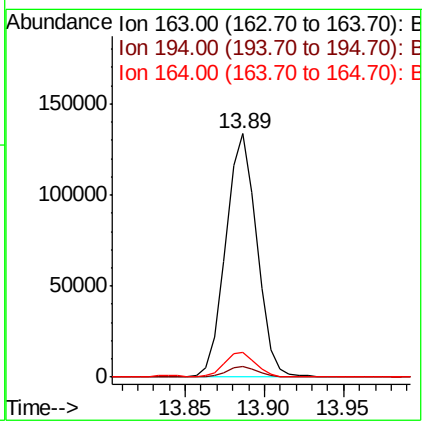


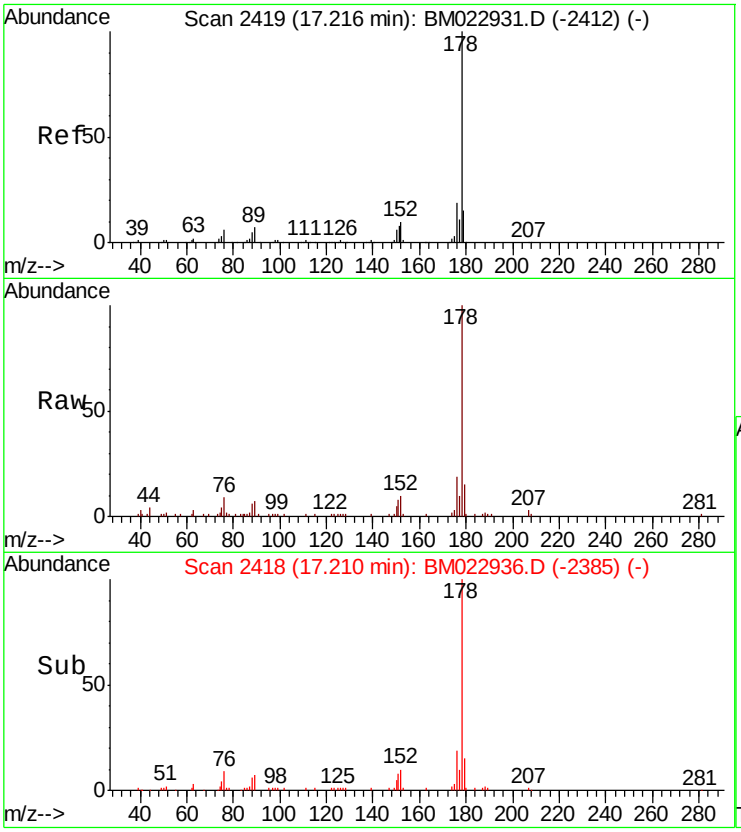


#45
Dimethylphthalate
Concen: 4.457 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Tgt Ion:163 Resp: 181563

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.1	12.1



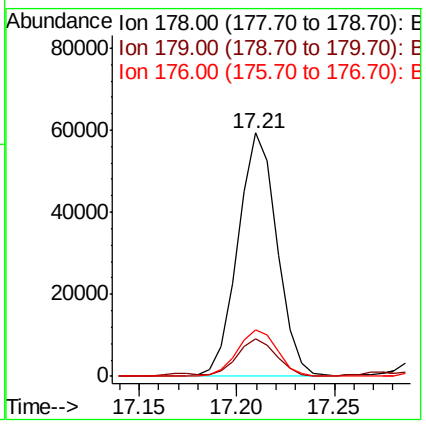


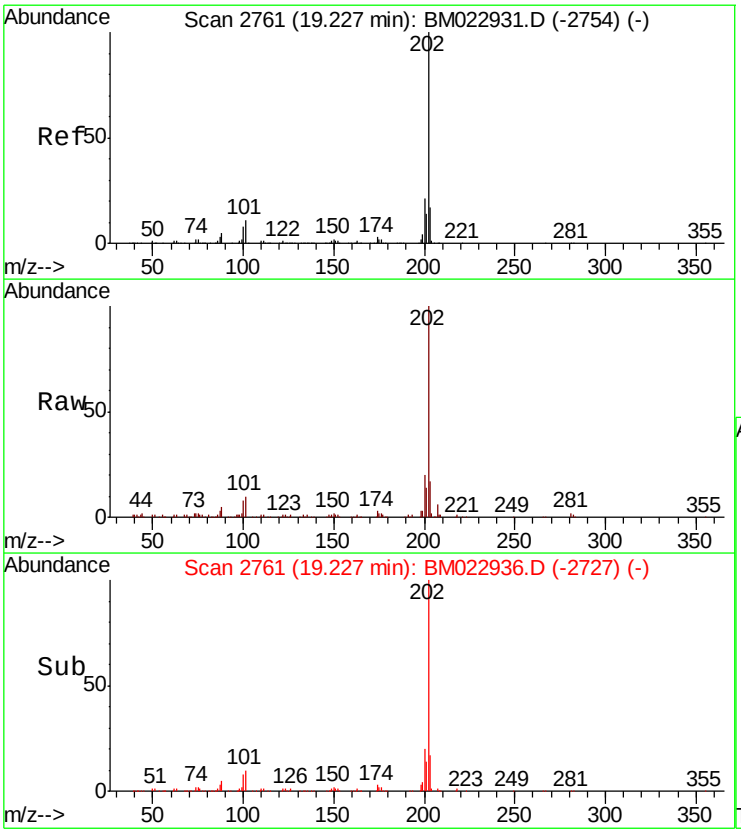
#70
Phenanthrene
Concen: 1.498 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion:178 Resp: 82460

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.9	15.3	22.9

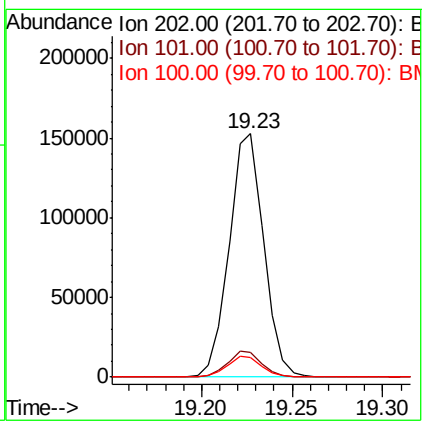


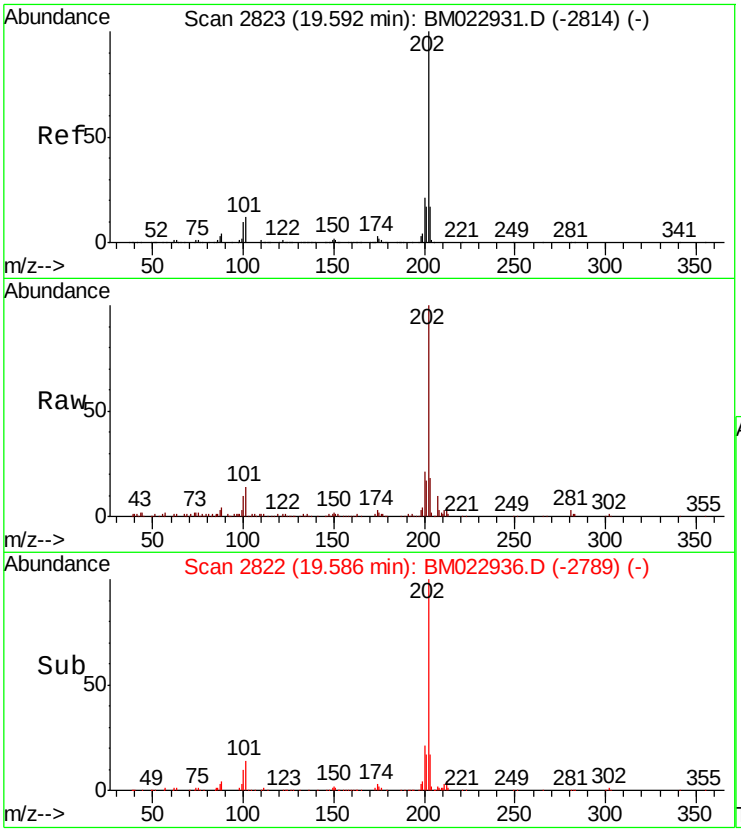


#77
Fluoranthene
Concen: 3.275 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Tgt Ion:202 Resp: 202723

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	12.8
100	7.9	6.4	9.6



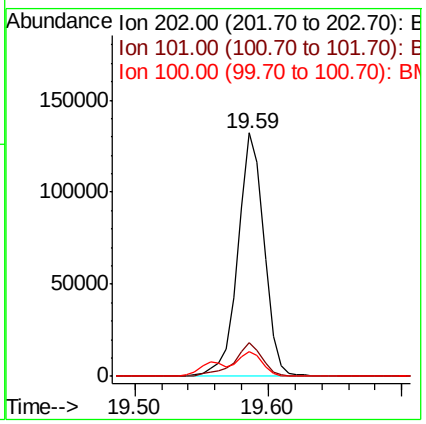


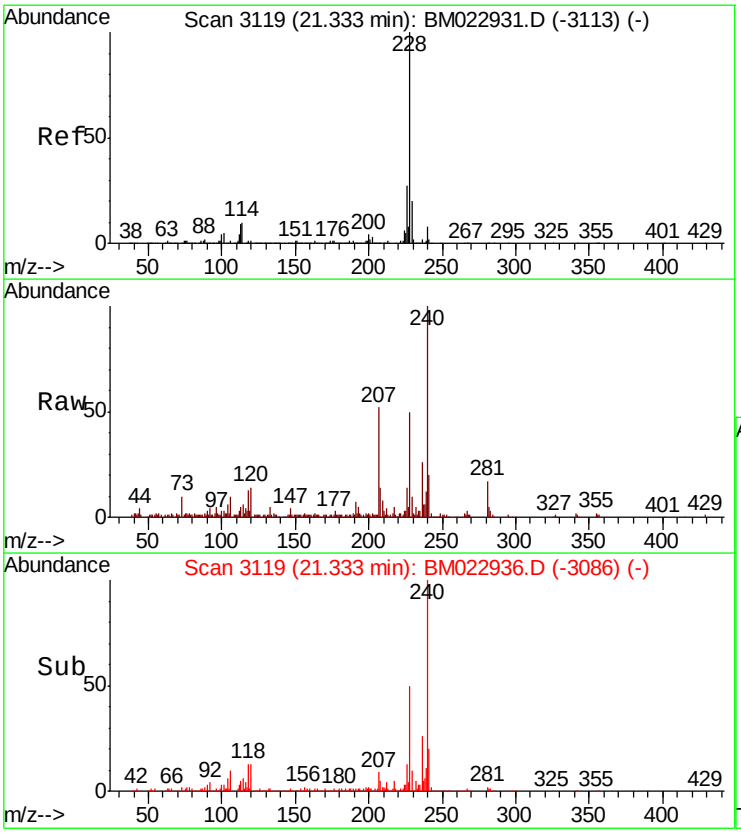
#80
Pyrene
Concen: 3.383 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion:202 Resp: 179159

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.2	7.8	11.8

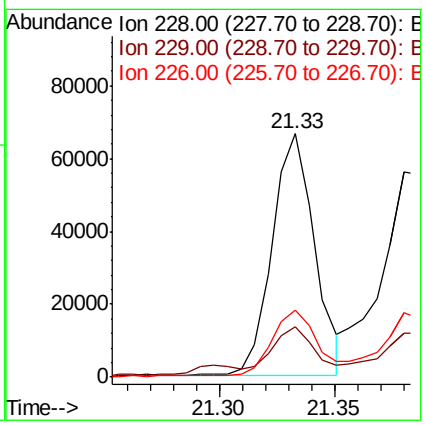


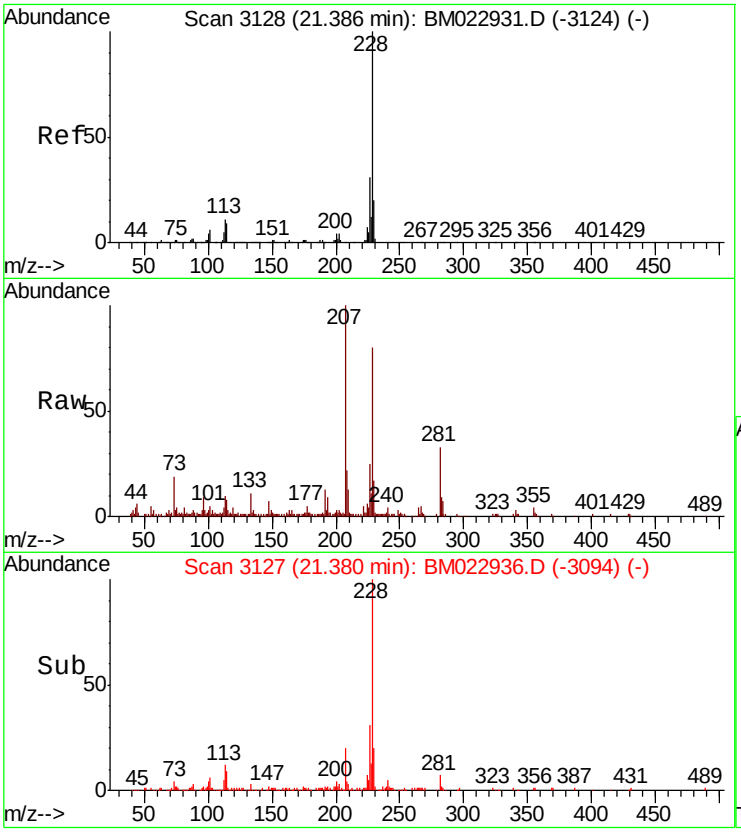


#83
Benzo(a)anthracene
Concen: 1.575 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Tgt Ion:228 Resp: 84476

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.5	22.4	33.6



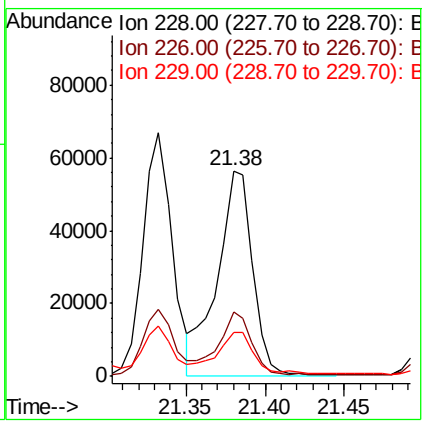


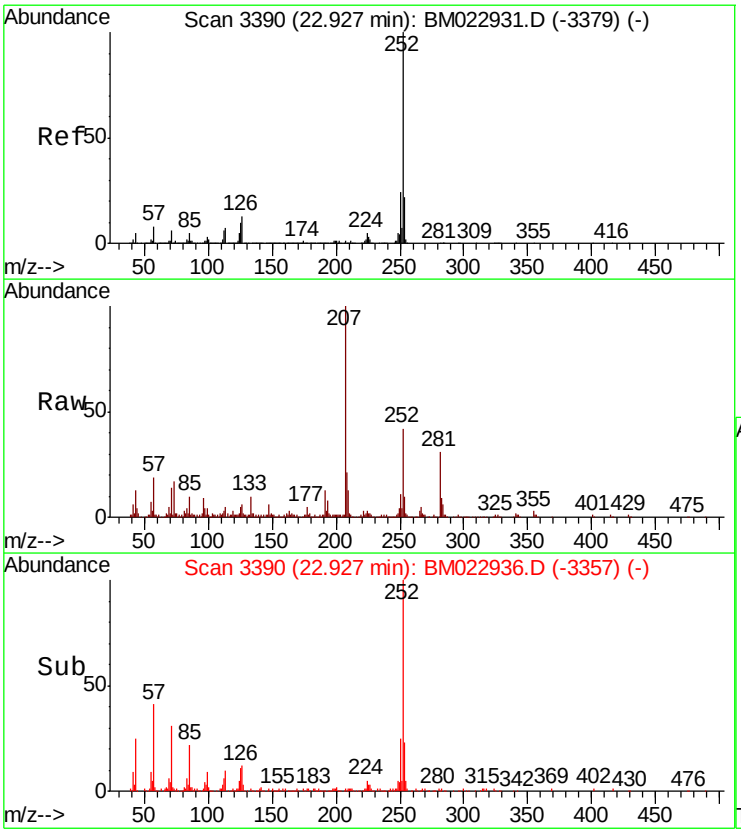
#85
Chrysene
Concen: 1.766 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion:228 Resp: 87310

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.4	15.9	23.9

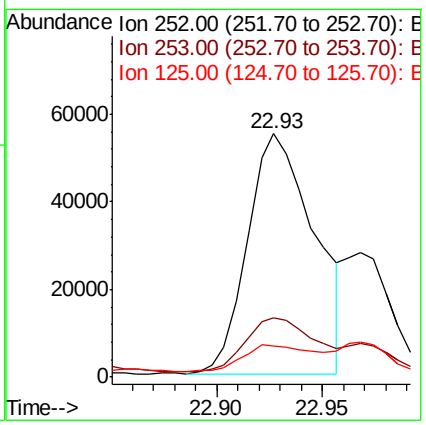


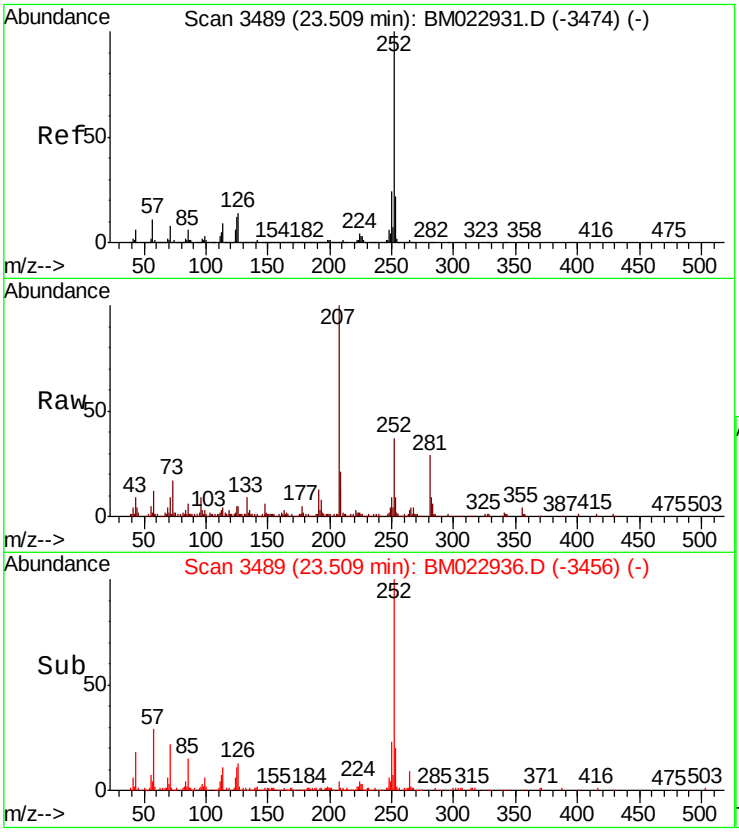


#88
Benzo(b)fluoranthene
Concen: 2.057 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Tgt Ion:252 Resp: 120479

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	12.8	8.2	12.2#



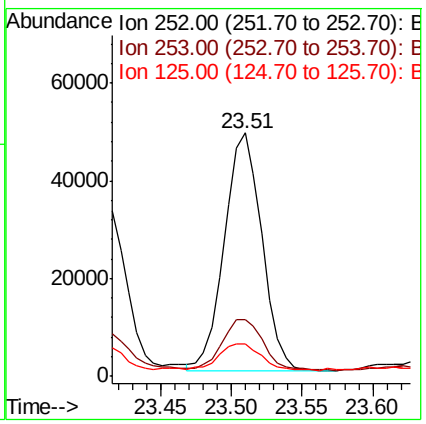


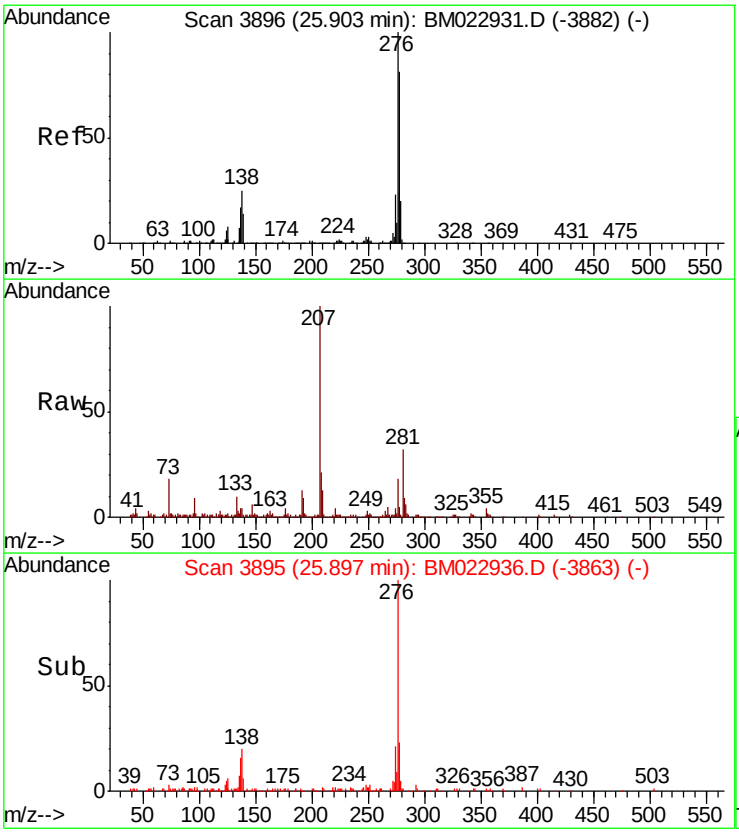
#91
Benzo(a)pyrene
Concen: 1.636 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion:252 Resp: 89900

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	13.4	8.7	13.1#

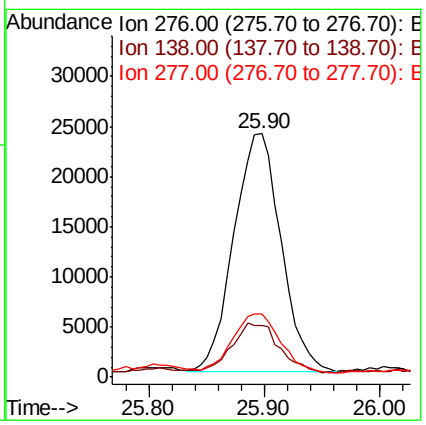


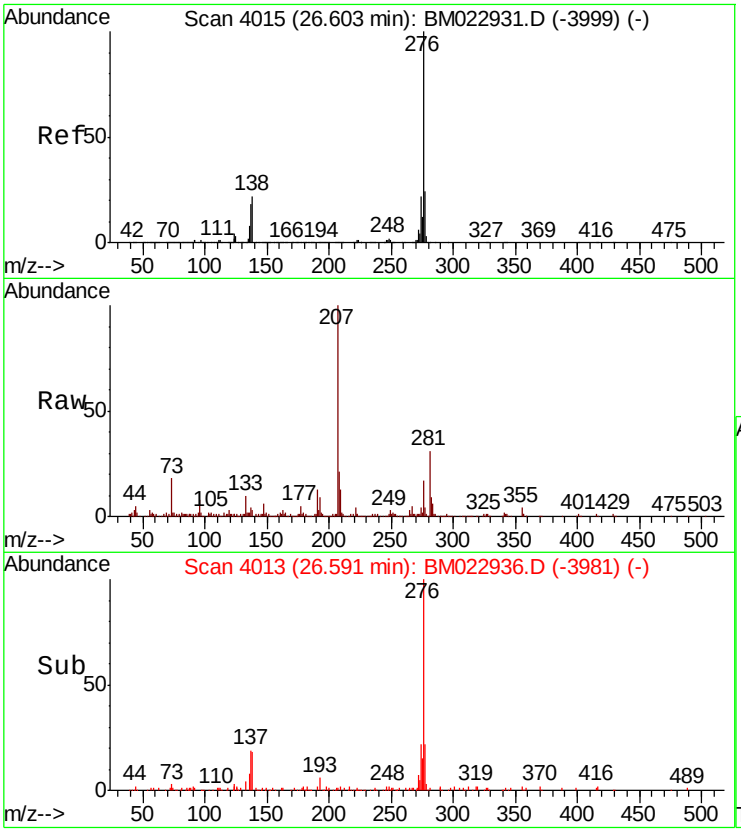


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.160 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Tgt Ion:276 Resp: 67709

Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.8	29.8
277	25.9	20.3	30.5





#94
Benzo(g,h,i)perylene
Concen: 1.554 ng/ul
RT: 26.59 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BM022936.D
Acq: 04 Oct 2019 01:14

Instrument :
BNA_M
ClientSampleId :
ESNY8

Tgt Ion:276 Resp: 73178

Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.6	26.4
277	24.3	19.1	28.7