Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022940.D
Acq On : 04 Oct 2019 03:38
Operator : JU
Sample : K4988-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESP00

Quant Time: Oct 04 04:51:58 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	247985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1080603	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	665342	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1338896	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1018889	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	971557	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	18135	3.16	ng/uL	0.00
5) Phenol-d5	6.96	99	362204	16.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	214490	17.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	312241	17.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	243806	13.59	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	155591	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	167751	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	320710	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	310432	14.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	991686	19.20	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1170301	19.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	108939	10.68	ng/ul	0.00
58) Fluorene-d10	15.42	176	877475	19.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	78638	9.03	ng/ul	0.00
71) Anthracene-d10	17.27	188	1335685	20.43	ng/ul	0.00
79) Pyrene-d10	19.56	212	1451981	26.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1084990	21.59	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	60607	2.639	ng/ul	98
45) Dimethylphthalate	13.89	163	379055	7.146	ng/ul	100
70) Phenanthrene	17.21	178	137268	1.718	ng/ul	99
77) Fluoranthene	19.23	202	358626	3.990	ng/ul	99
80) Pyrene	19.59	202	289712	4.011	ng/ul	98
83) Benzo(a)anthracene	21.33	228	126526	1.730	ng/ul	98
85) Chrysene	21.39	228	133566	1.980	ng/ul	98
88) Benzo(b)fluoranthene	22.93	252	165295	2.564	ng/ul#	92
91) Benzo(a)pyrene	23.51	252	108164	1.788	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.89	276	82031	1.277	ng/ul	96
94) Benzo(g,h,i)perylene	26.60	276	81755	1.577	ng/ul	98

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

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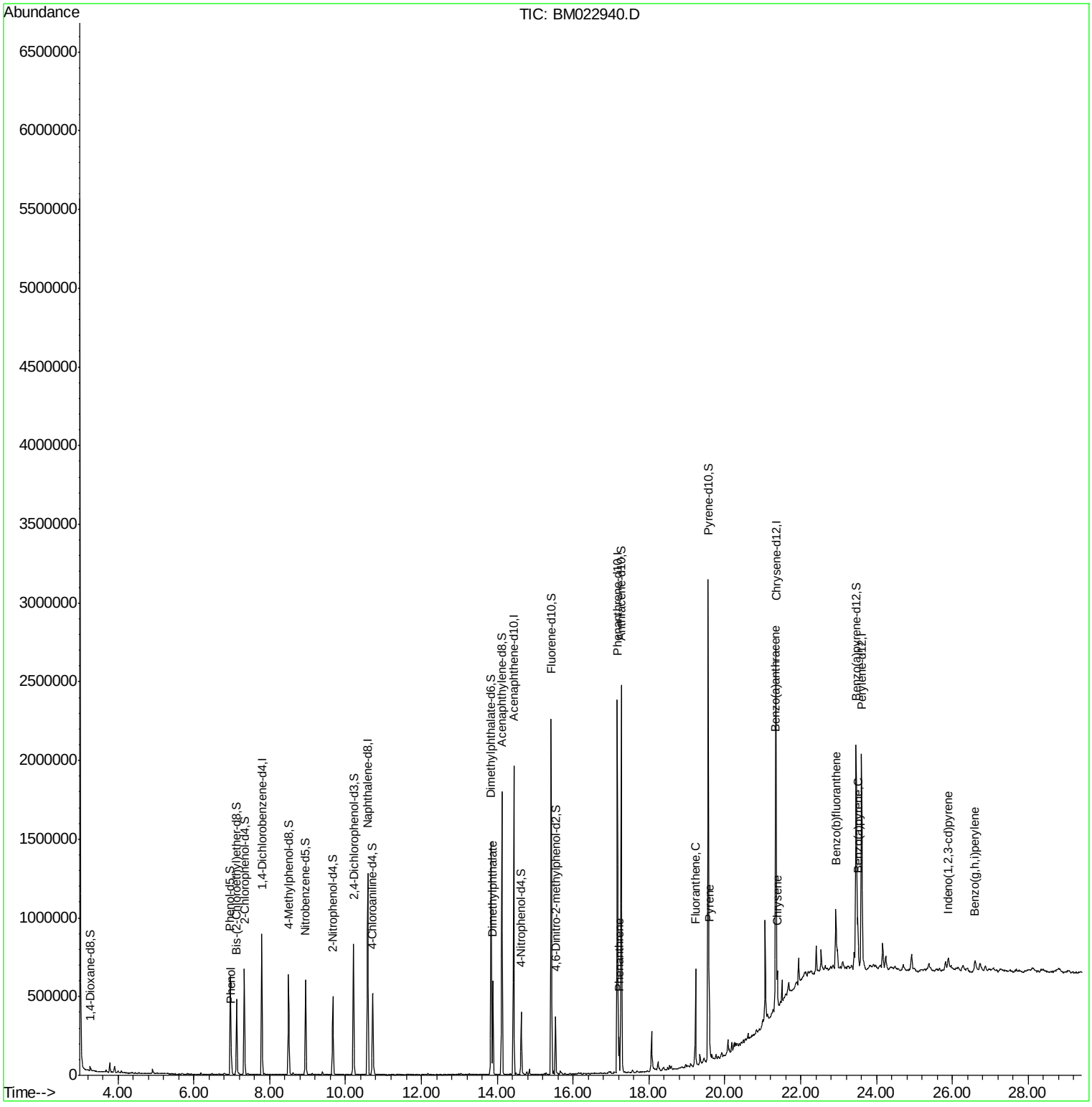
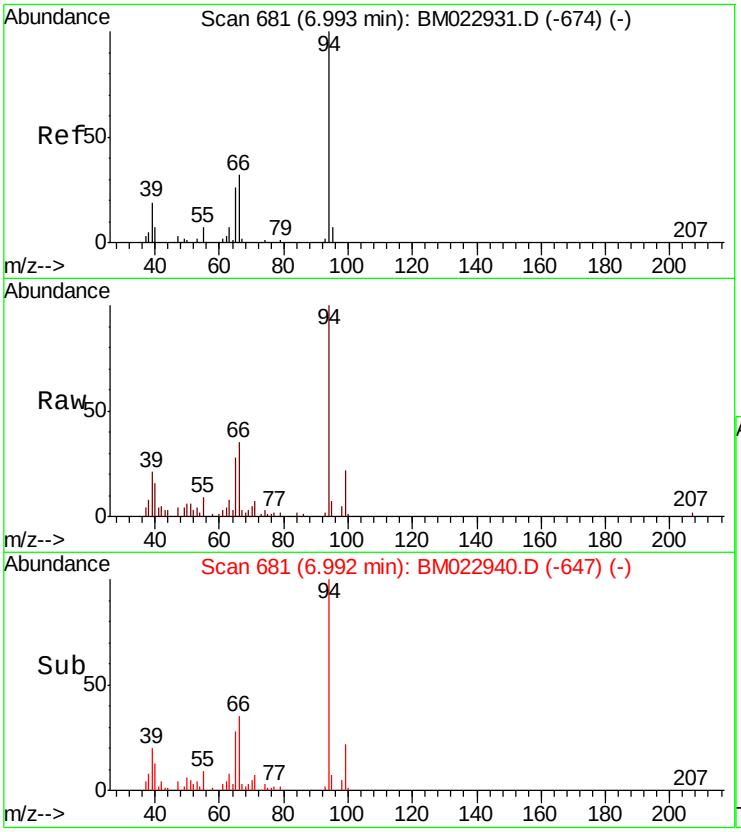


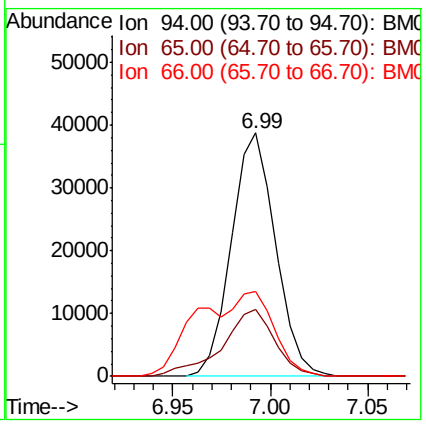


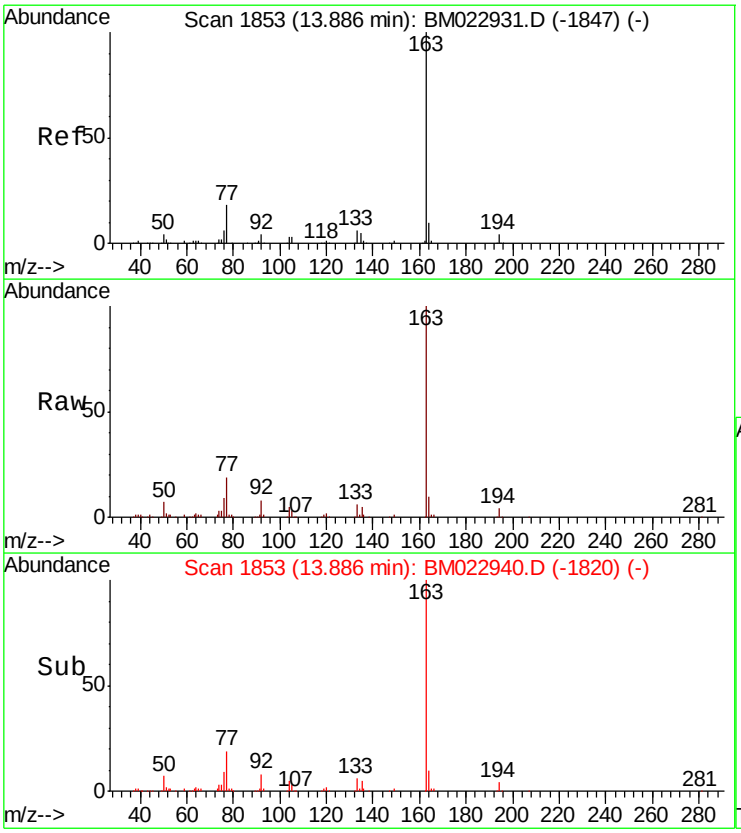
#6
Phenol
Concen: 2.639 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion: 94 Resp: 60607

Ion	Ratio	Lower	Upper
94	100		
65	27.8	20.9	31.3
66	34.8	27.2	40.8

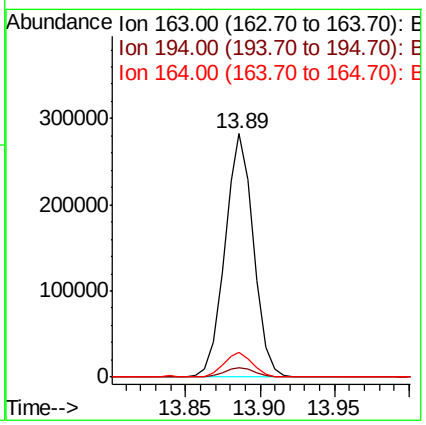


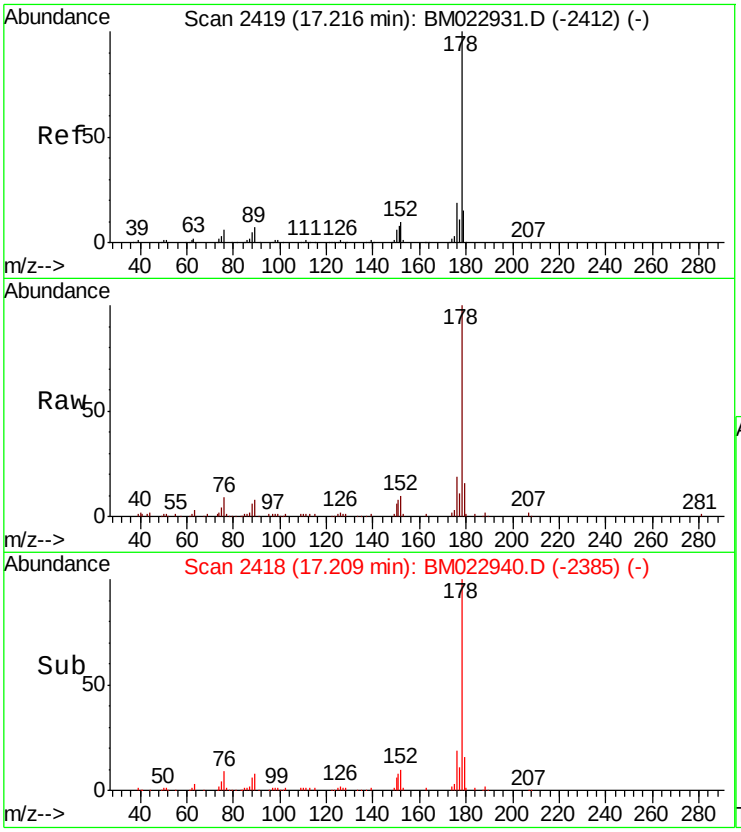


#45
Dimethylphthalate
Concen: 7.146 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Tgt Ion:163 Resp: 379055

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.1	12.1



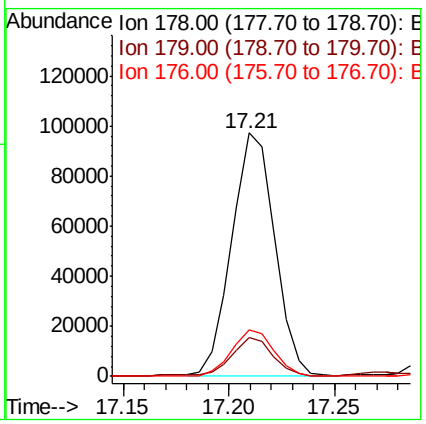


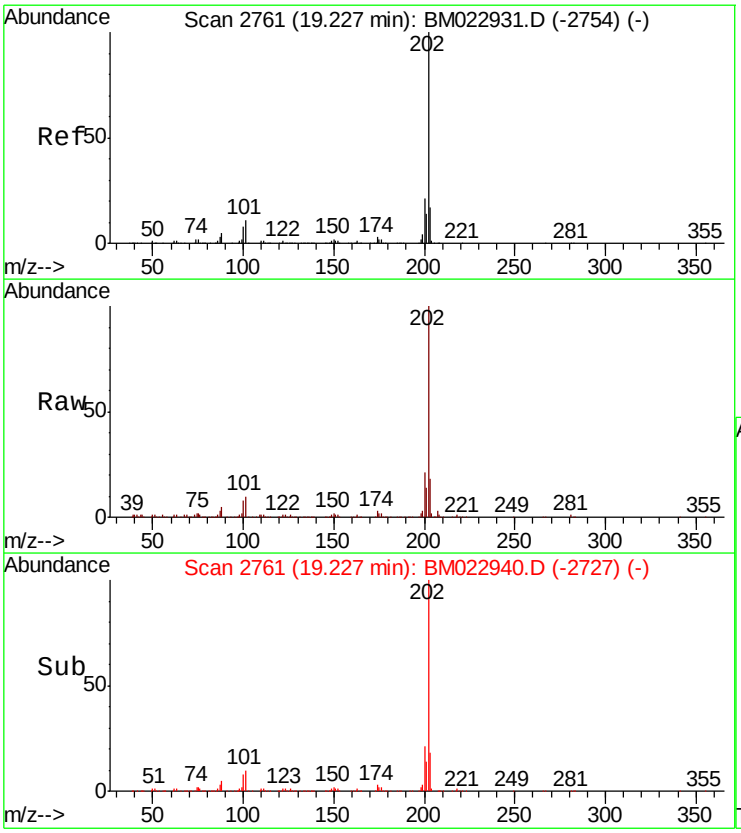
#70
Phenanthrene
Concen: 1.718 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion:178 Resp: 137268

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.3	15.3	22.9

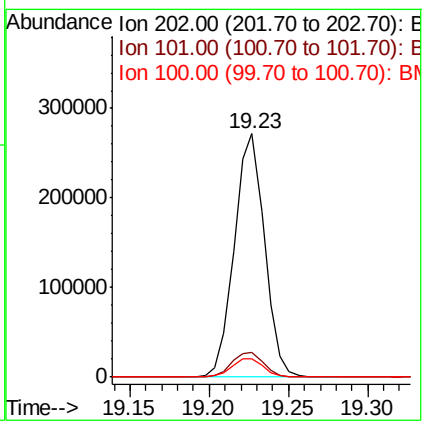


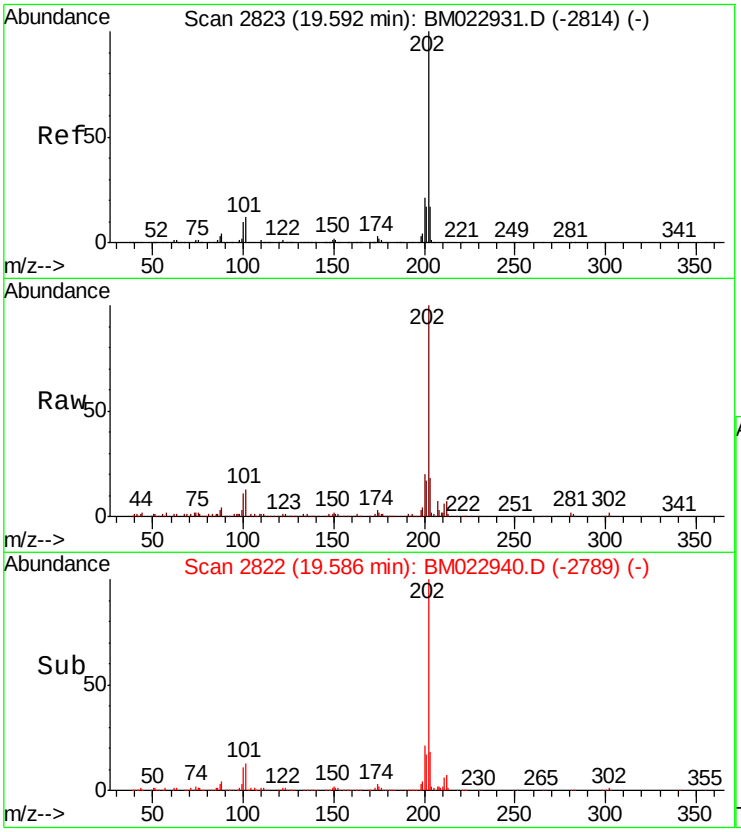


#77
Fluoranthene
Concen: 3.990 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Tgt Ion:202 Resp: 358626

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.6	6.4	9.6



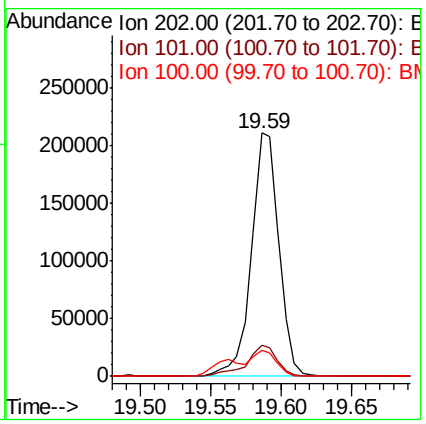


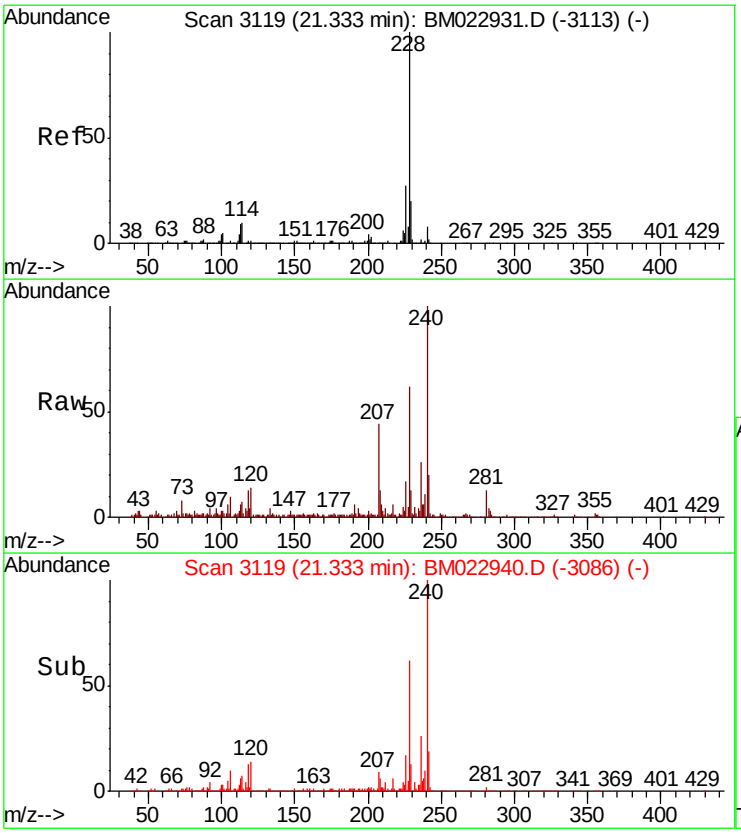
#80
Pyrene
Concen: 4.011 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion:202 Resp: 289712

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.7	7.8	11.8

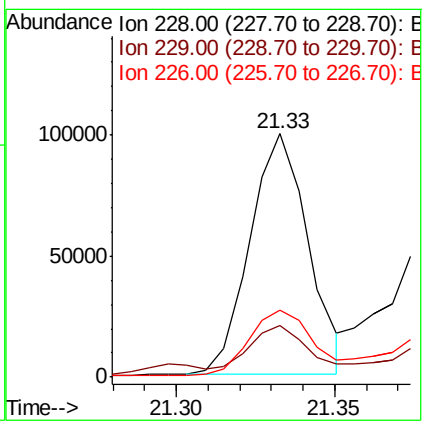


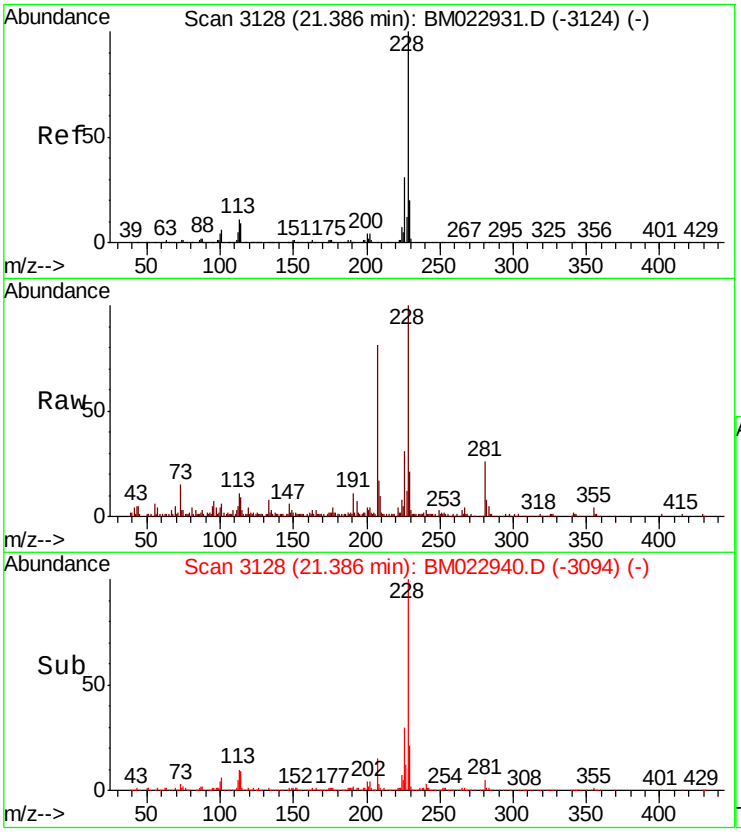


#83
Benzo(a)anthracene
Concen: 1.730 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Tgt Ion:228 Resp: 126526

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	27.5	22.4	33.6



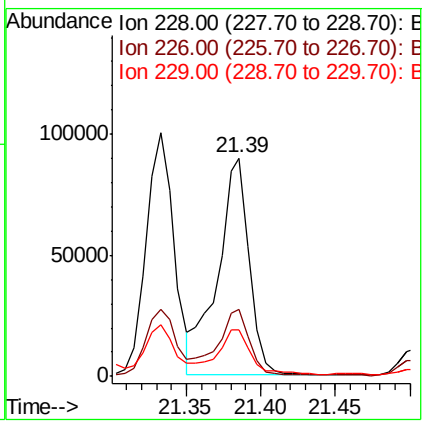


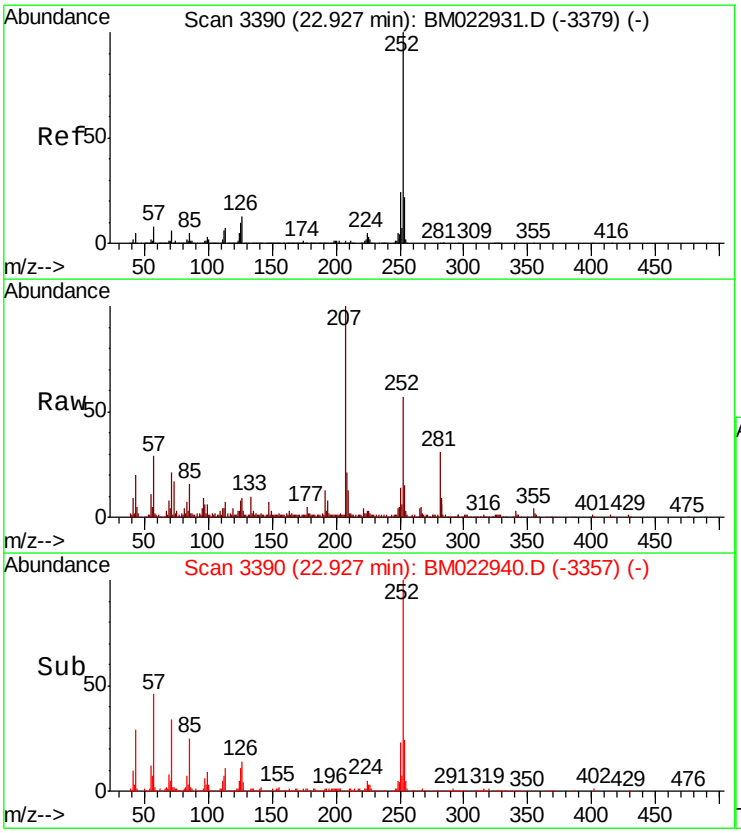
#85
Chrysene
Concen: 1.980 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion:228 Resp: 133566

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	21.4	15.9	23.9

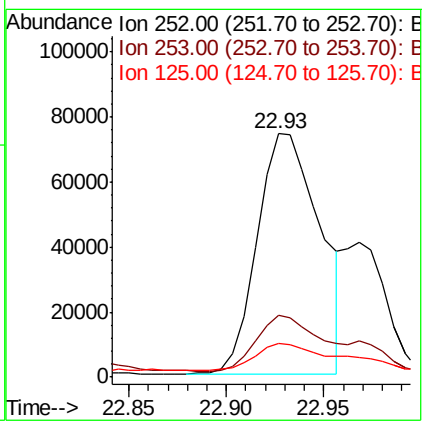


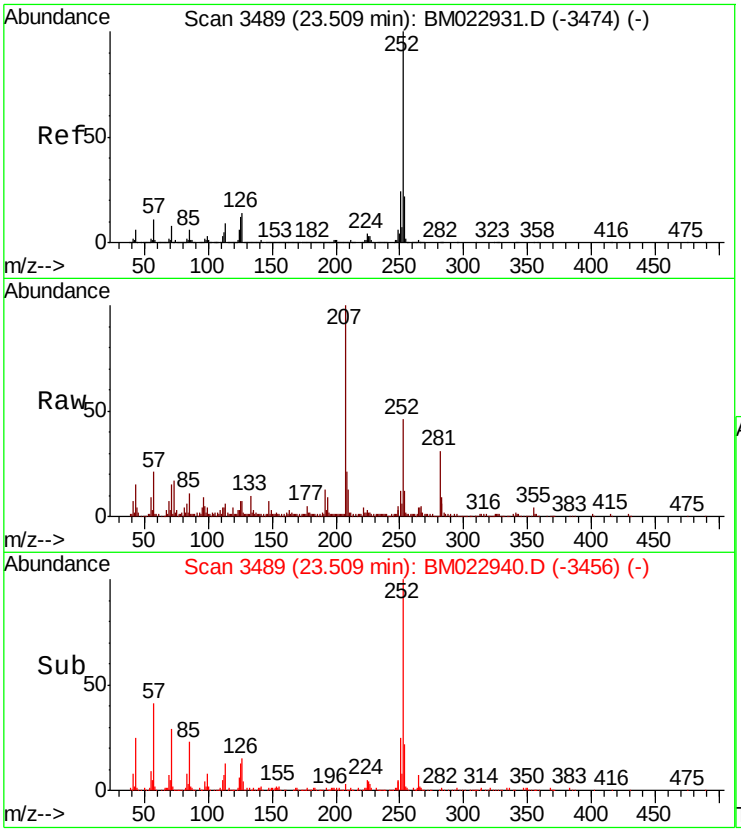


#88
Benzo(b)fluoranthene
Concen: 2.564 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Tgt Ion:252 Resp: 165295

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.7	26.5
125	13.6	8.2	12.2#



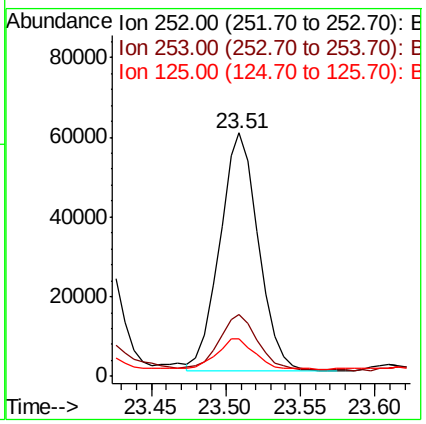


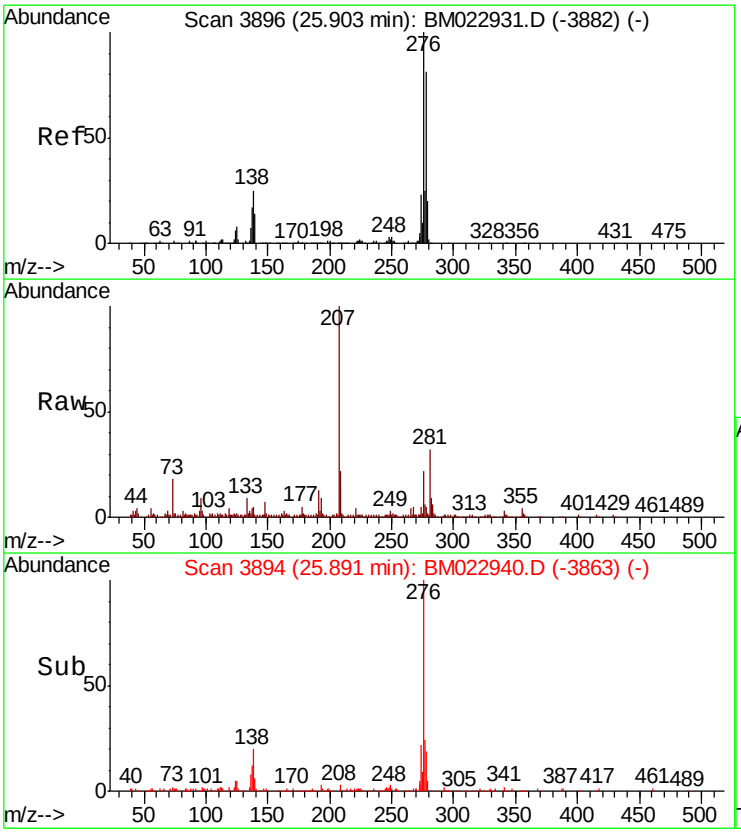
#91
Benzo(a)pyrene
Concen: 1.788 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion:252 Resp: 108164

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	15.4	8.7	13.1#

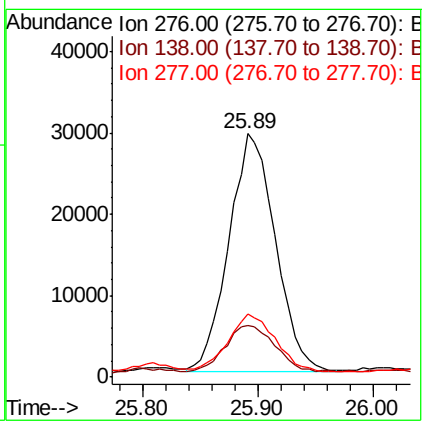


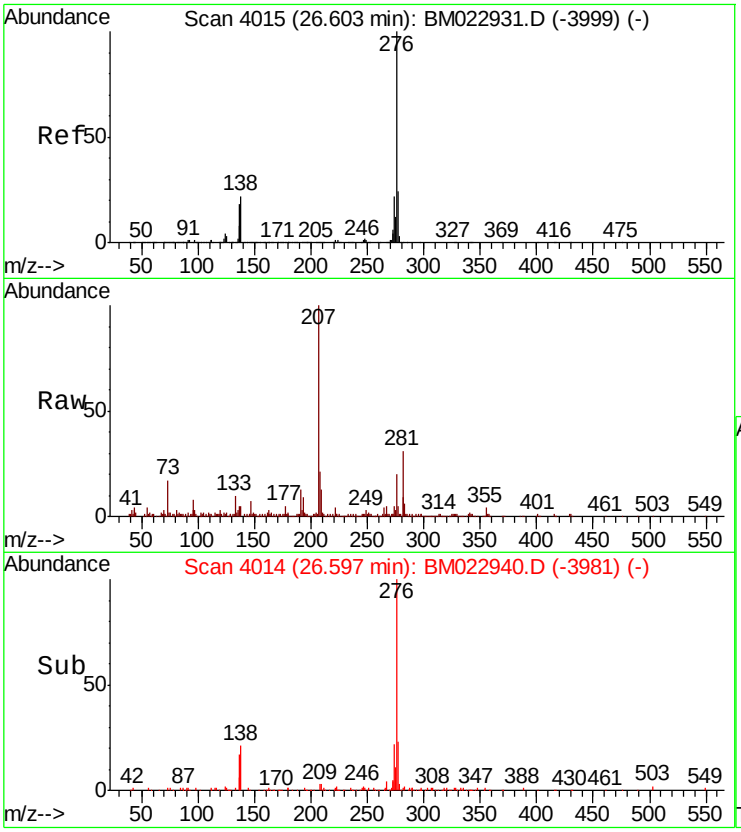


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.277 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Tgt Ion:276 Resp: 82031

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.8	29.8
277	25.8	20.3	30.5





#94
Benzo(g,h,i)perylene
Concen: 1.577 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BM022940.D
Acq: 04 Oct 2019 03:38

Instrument :
BNA_M
ClientSampleId :
ESP00

Tgt Ion:276 Resp: 81755

Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.6	26.4
277	25.0	19.1	28.7