Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022945.D
Acq On : 04 Oct 2019 06:38
Operator : JU
Sample : K4988-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESP02

Quant Time: Oct 04 07:11:18 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	250802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1123044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	705460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1383483	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1070889	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1050220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	15756	2.72	ng/uL	0.00
5) Phenol-d5	6.96	99	308992	13.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185631	15.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	264694	14.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	186477	10.28	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	134772	15.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	145748	15.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	276342	14.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	344742	15.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	904449	16.52	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1029779	16.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	92471	8.55	ng/ul	0.00
58) Fluorene-d10	15.42	176	763375	16.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	71436	7.93	ng/ul	0.00
71) Anthracene-d10	17.27	188	1081079	16.00	ng/ul	0.00
79) Pyrene-d10	19.56	212	1198888	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	938952	17.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	53825	2.317	ng/ul	99
45) Dimethylphthalate	13.89	163	331210	5.889	ng/ul	100
70) Phenanthrene	17.21	178	138578	1.678	ng/ul	99
77) Fluoranthene	19.23	202	316931	3.413	ng/ul	99
80) Pyrene	19.59	202	252755	3.330	ng/ul	97
83) Benzo(a)anthracene	21.33	228	90887	1.182	ng/ul	99
85) Chrysene	21.39	228	111966	1.580	ng/ul	99
88) Benzo(b)fluoranthene	22.93	252	144302	2.070	ng/ul#	93
89) Benzo(k)fluoranthene	22.93	252	144302	2.164	ng/ul#	93
91) Benzo(a)pyrene	23.51	252	85746	1.311	ng/ul#	93
94) Benzo(g,h,i)perylene	26.60	276	71866	1.283	ng/ul	99

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

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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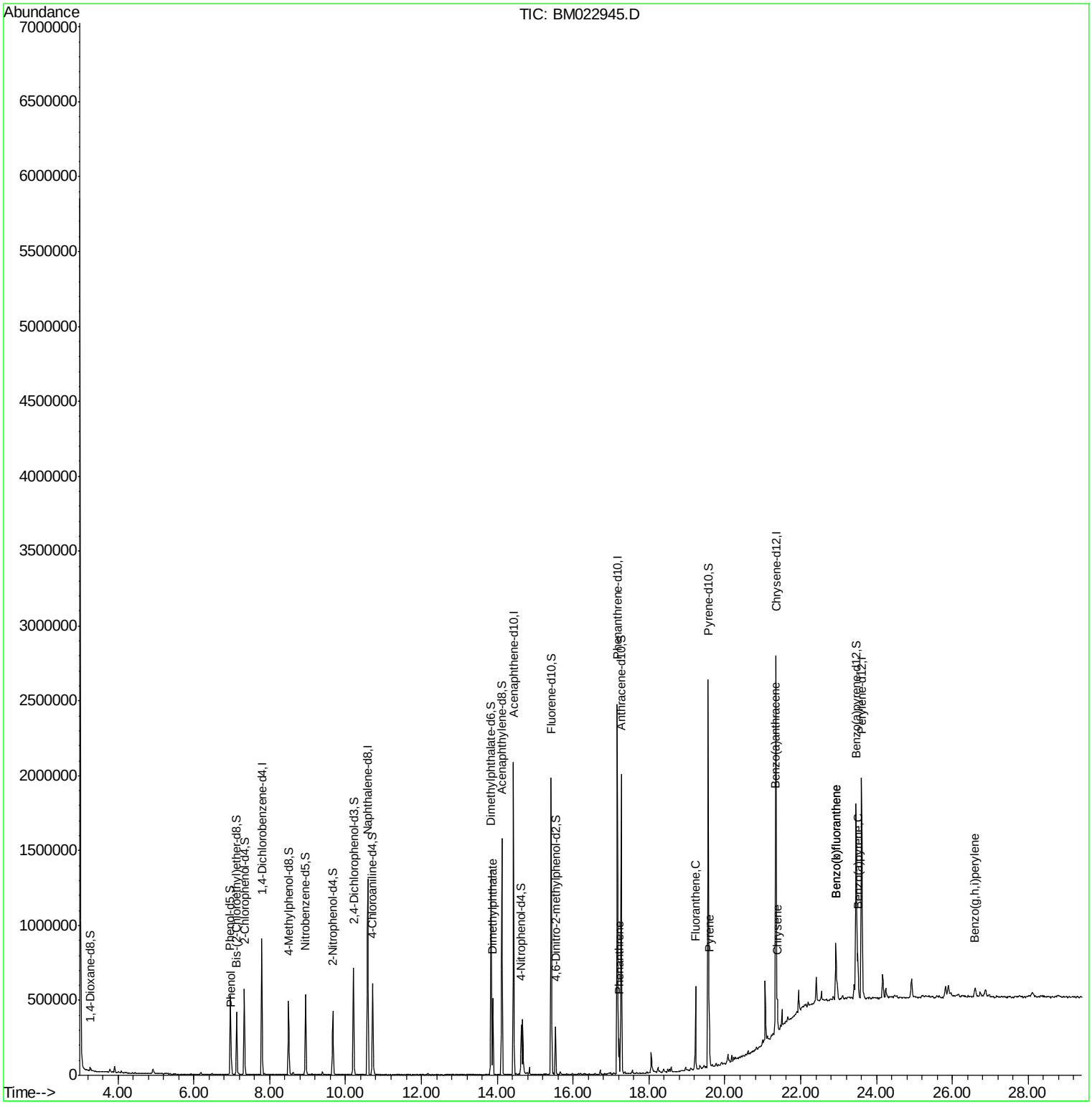
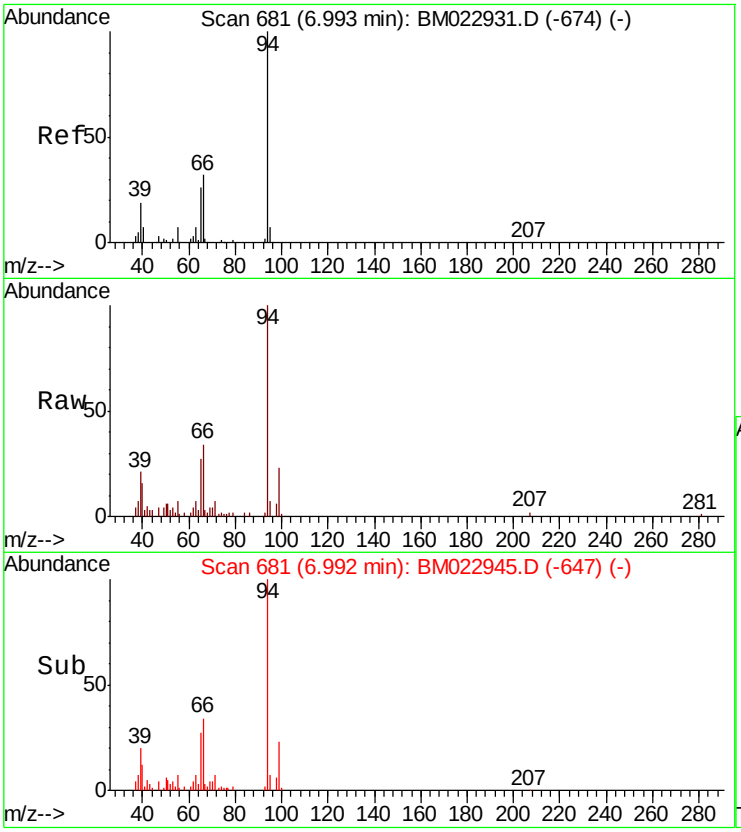
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 04:31:57 2019
Response via : Initial Calibration



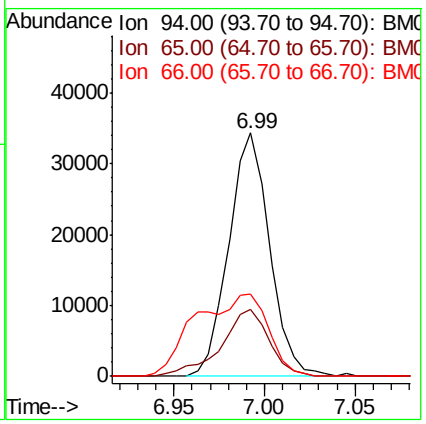


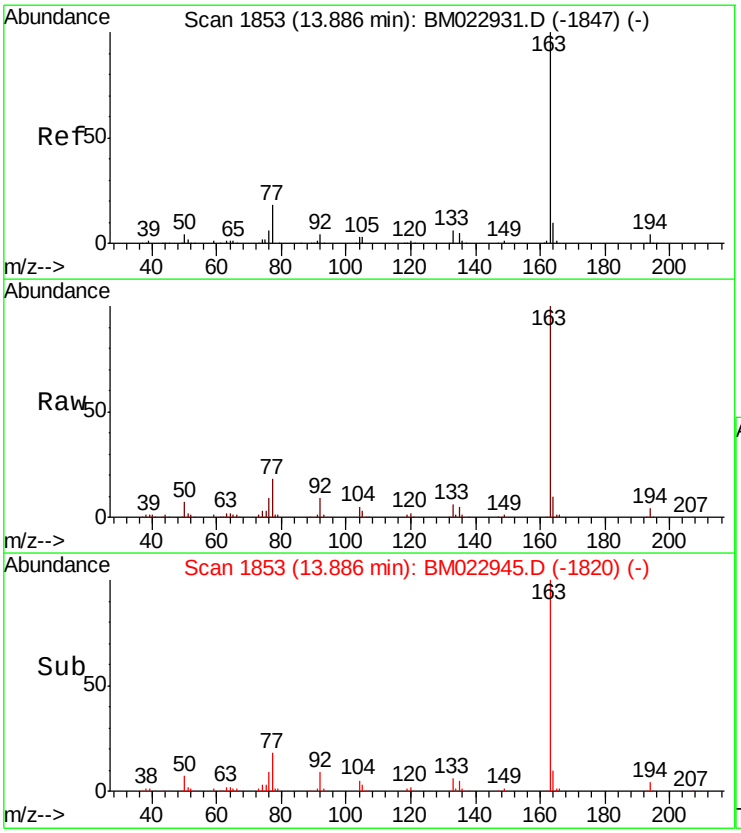
#6
Phenol
Concen: 2.317 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion: 94 Resp: 53825

Ion	Ratio	Lower	Upper
94	100		
65	27.4	20.9	31.3
66	34.0	27.2	40.8

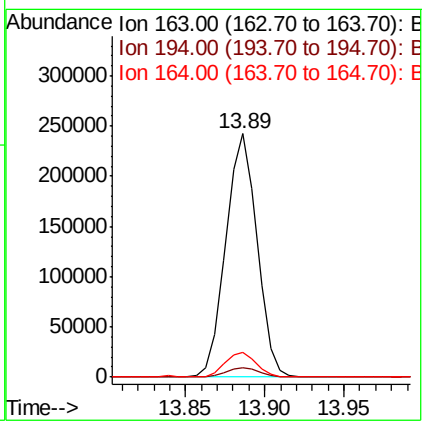


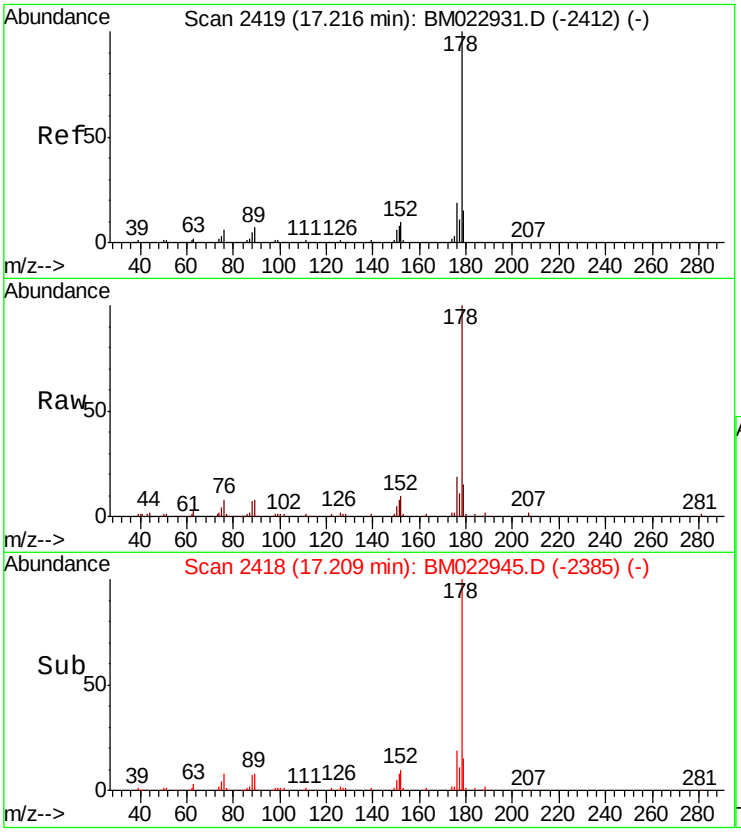


#45
Dimethylphthalate
Concen: 5.889 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion:163 Resp: 331210

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	8.1	12.1



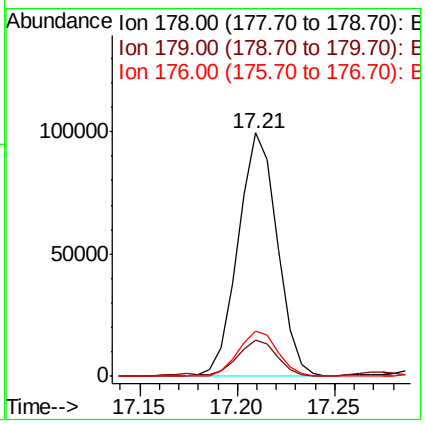


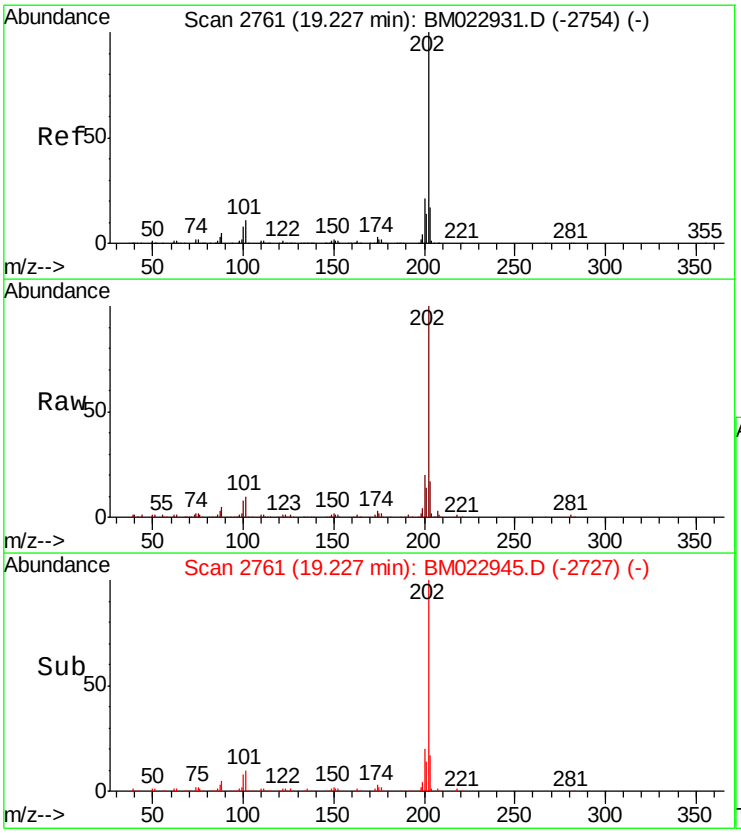
#70
Phenanthrene
Concen: 1.678 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion:178 Resp: 138578

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.6	15.3	22.9

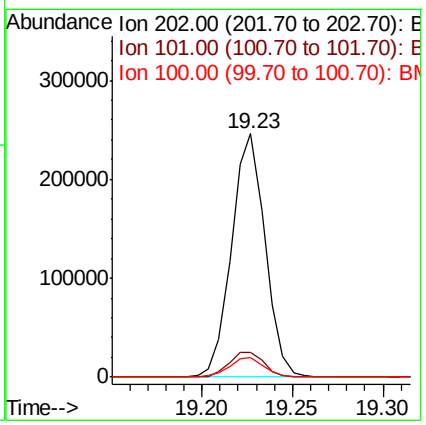


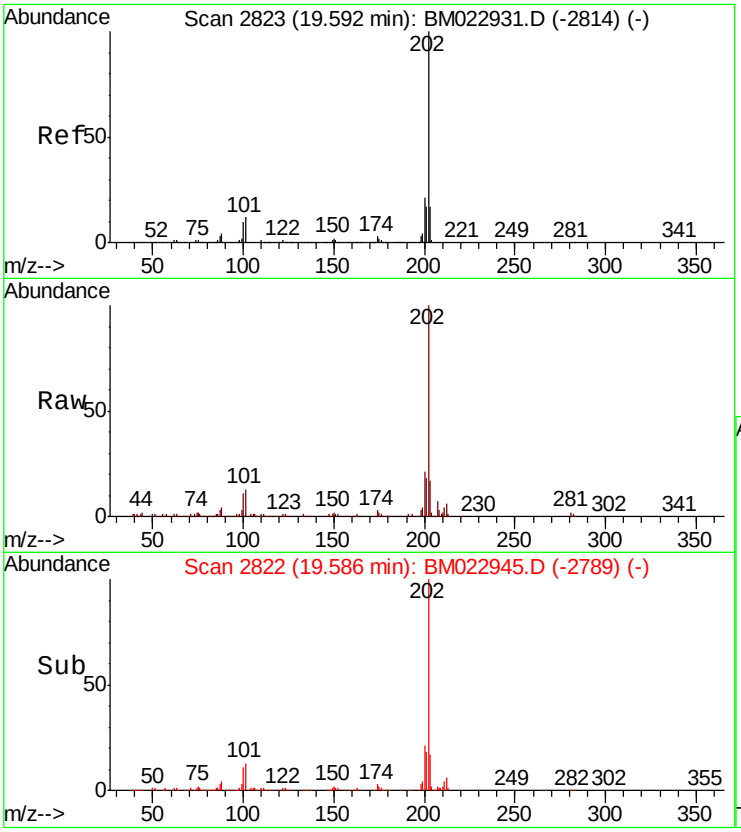


#77
Fluoranthene
Concen: 3.413 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion:202 Resp: 316931

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.9	6.4	9.6



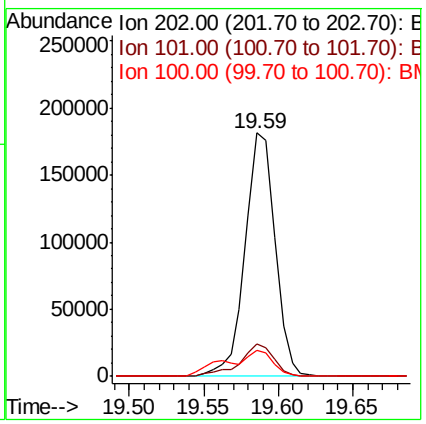


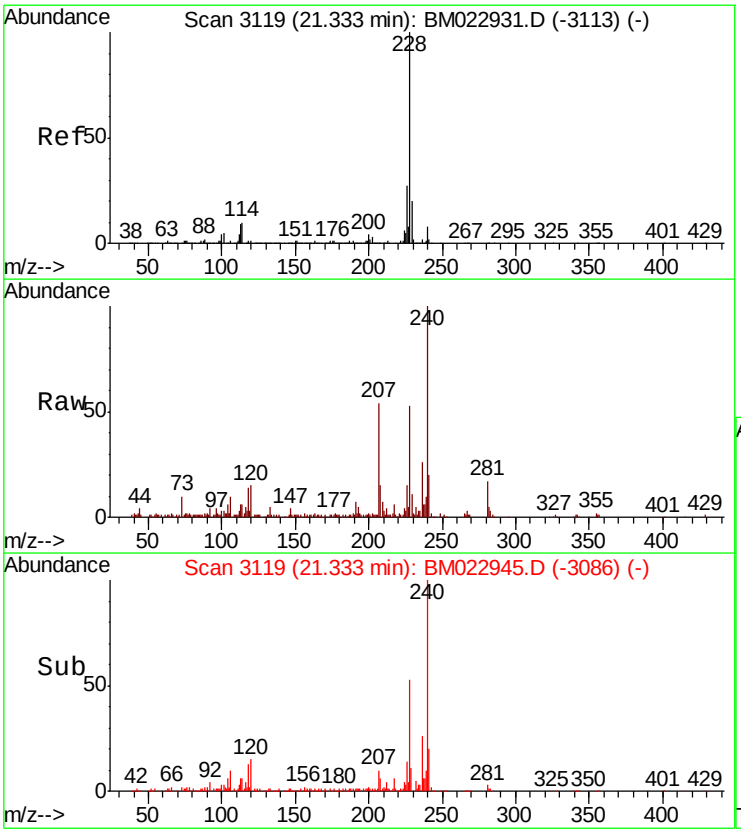
#80
Pyrene
Concen: 3.330 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion:202 Resp: 252755

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

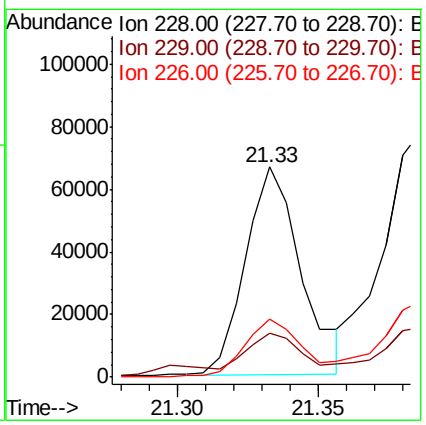


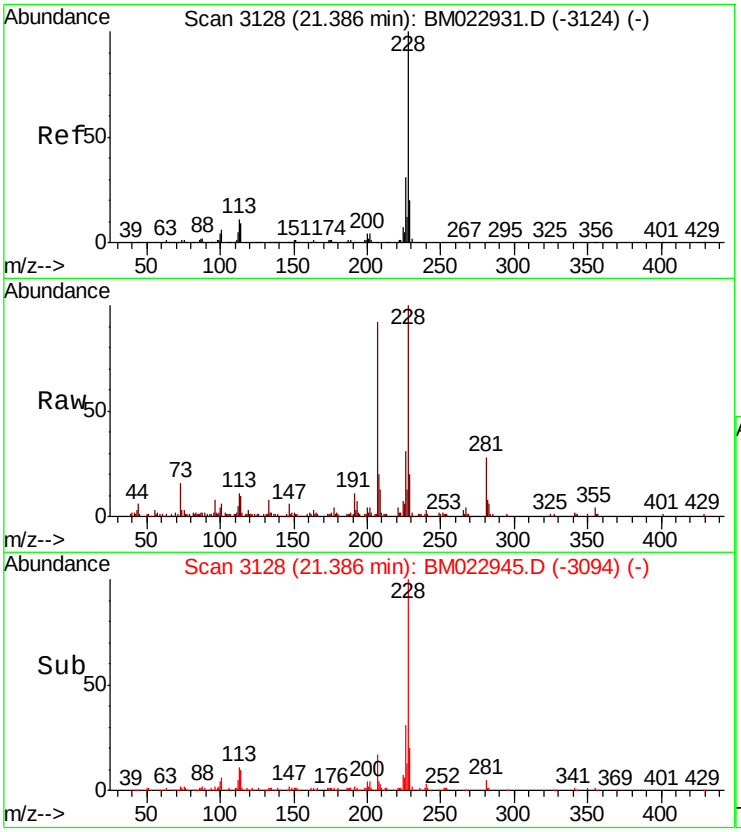


#83
Benzo(a)anthracene
Concen: 1.182 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion:228 Resp: 90887

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.9	22.4	33.6



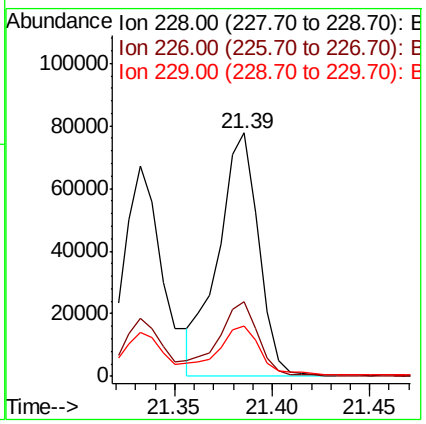


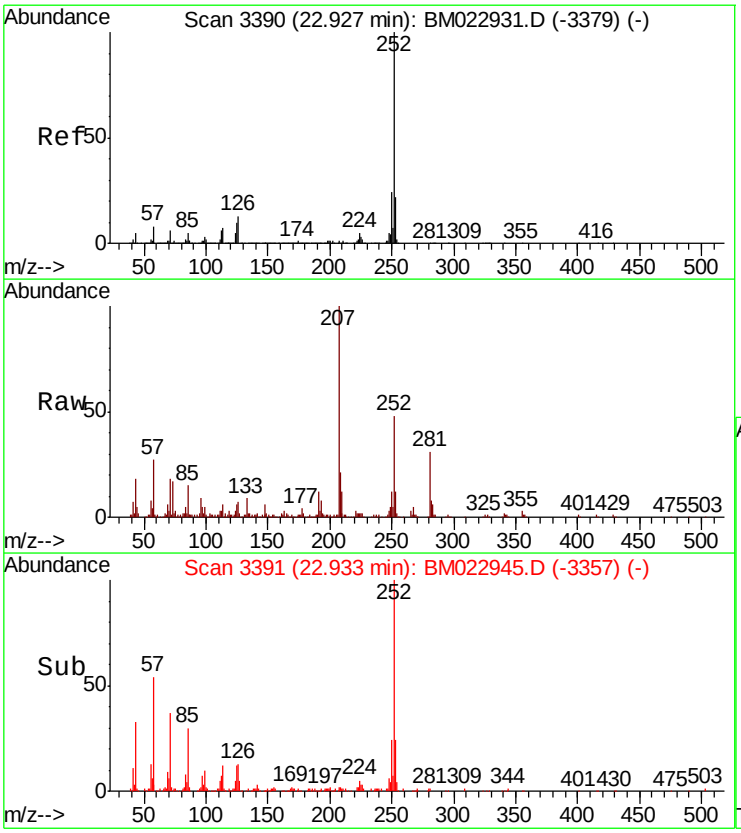
#85
Chrysene
Concen: 1.580 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion:228 Resp: 111966

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	20.5	15.9	23.9

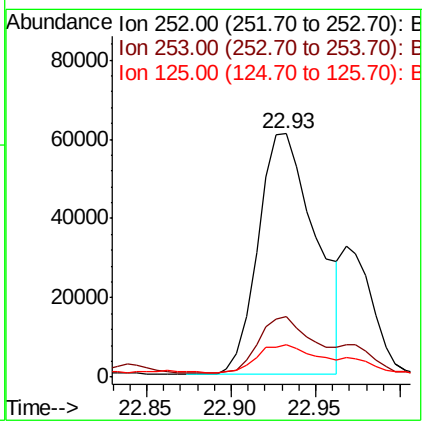


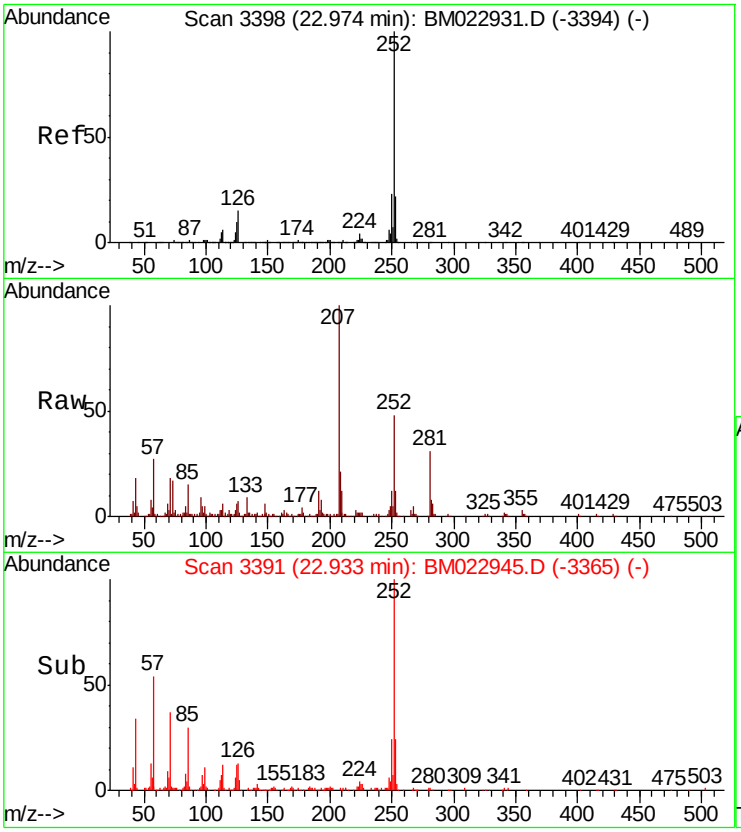


#88
Benzo(b)fluoranthene
Concen: 2.070 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion:252 Resp: 144302

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	13.5	8.2	12.2#



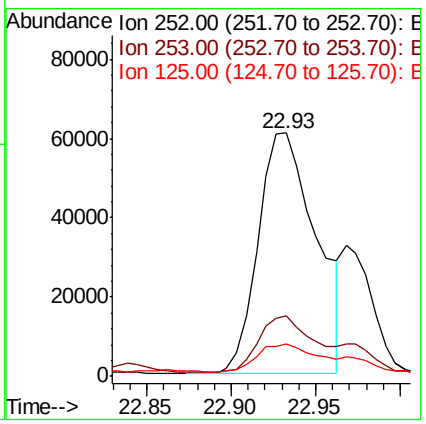


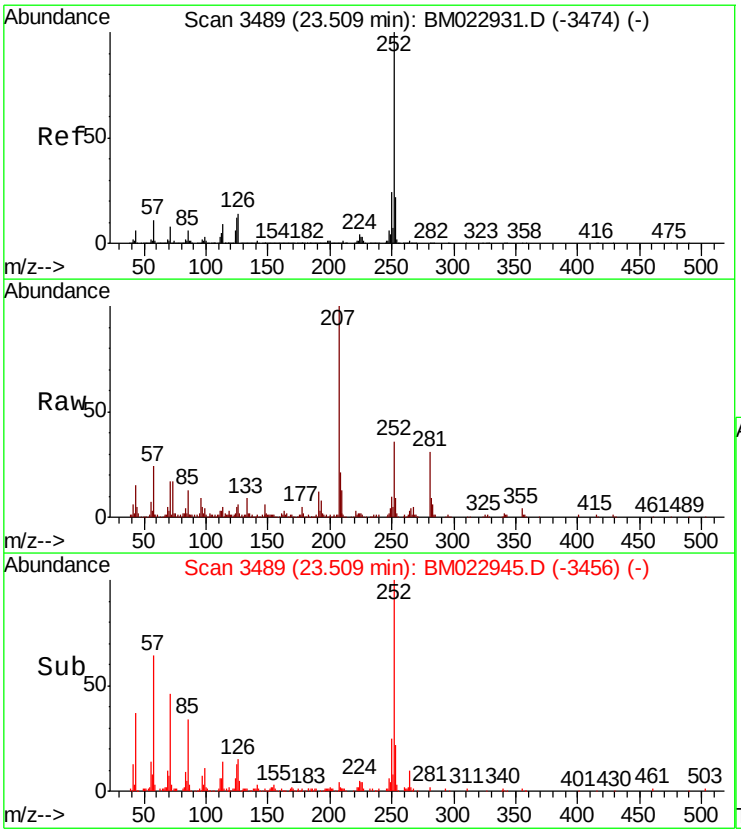
#89
Benzo(k)fluoranthene
Concen: 2.164 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.05 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion:252 Resp: 144302

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	13.5	7.9	11.9#

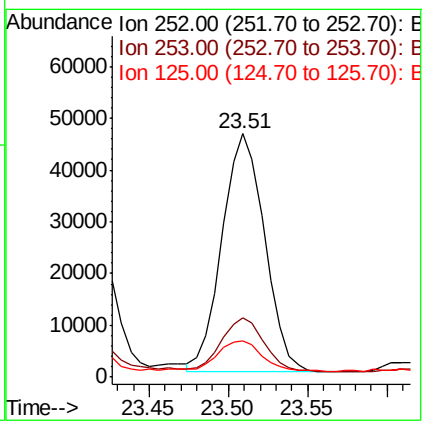


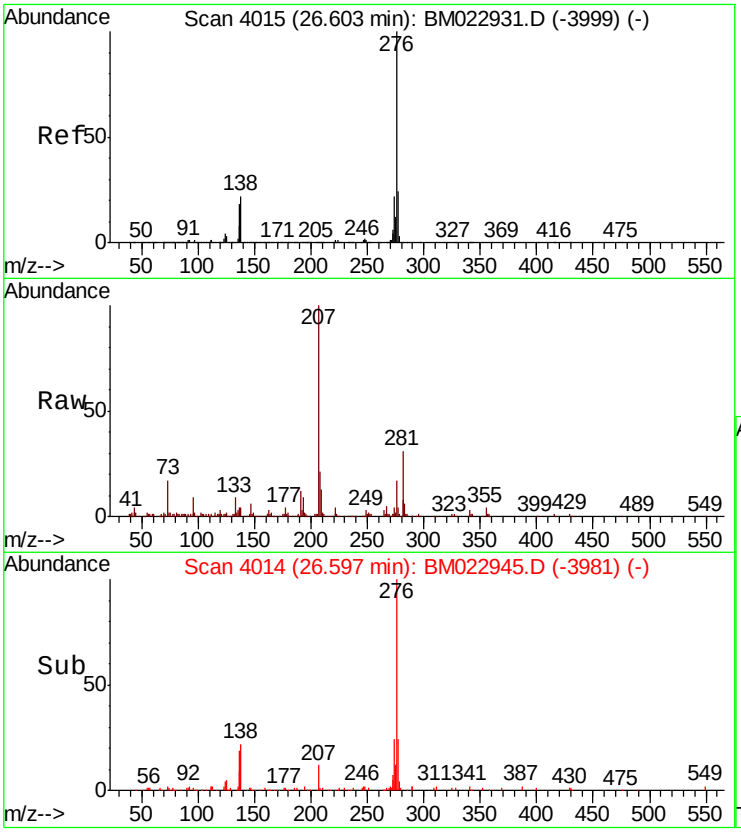


#91
Benzo(a)pyrene
Concen: 1.311 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Tgt Ion:252 Resp: 85746

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	15.1	8.7	13.1#





#94
Benzo(g,h,i)perylene
Concen: 1.283 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BM022945.D
Acq: 04 Oct 2019 06:38

Instrument :
BNA_M
ClientSampleId :
ESP02

Tgt Ion:276 Resp: 71866

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.6	26.4
277	24.3	19.1	28.7