Quantitation Report (Not Reviewed)

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 :

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						Qvalue
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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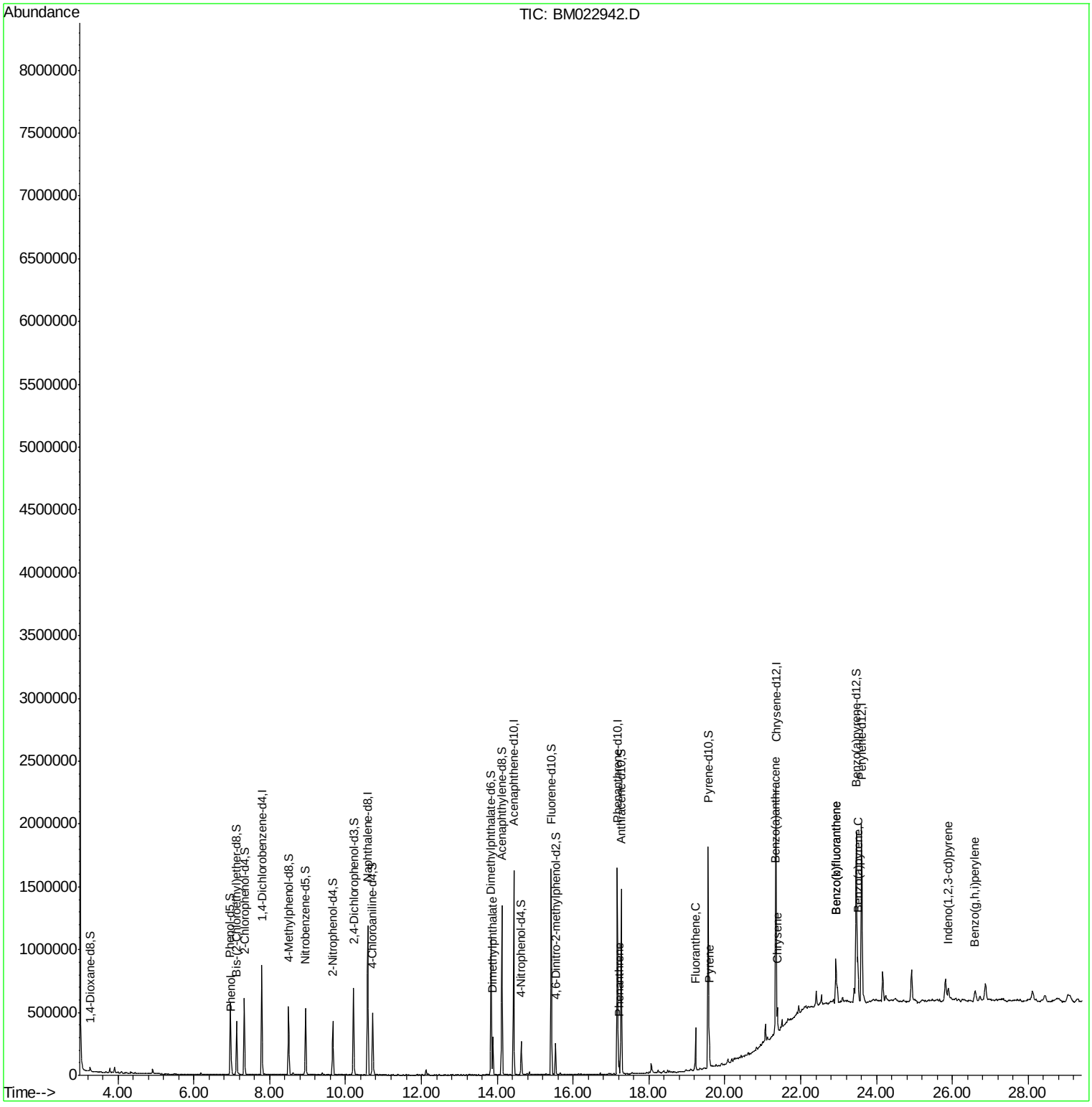
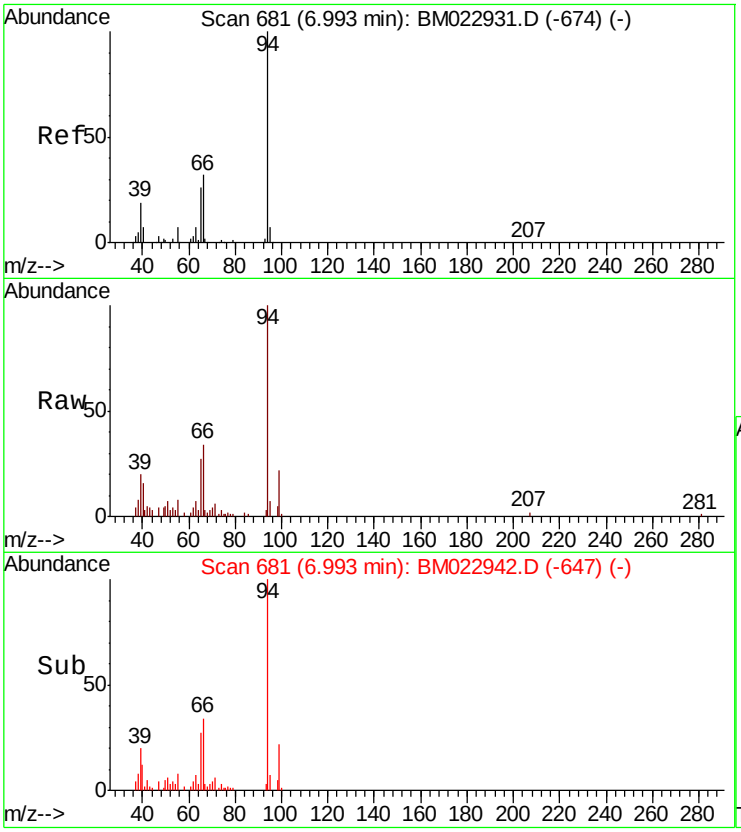
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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



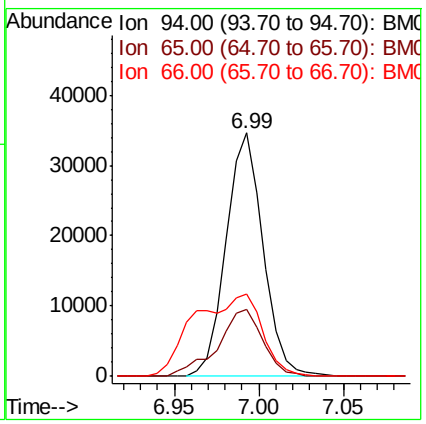


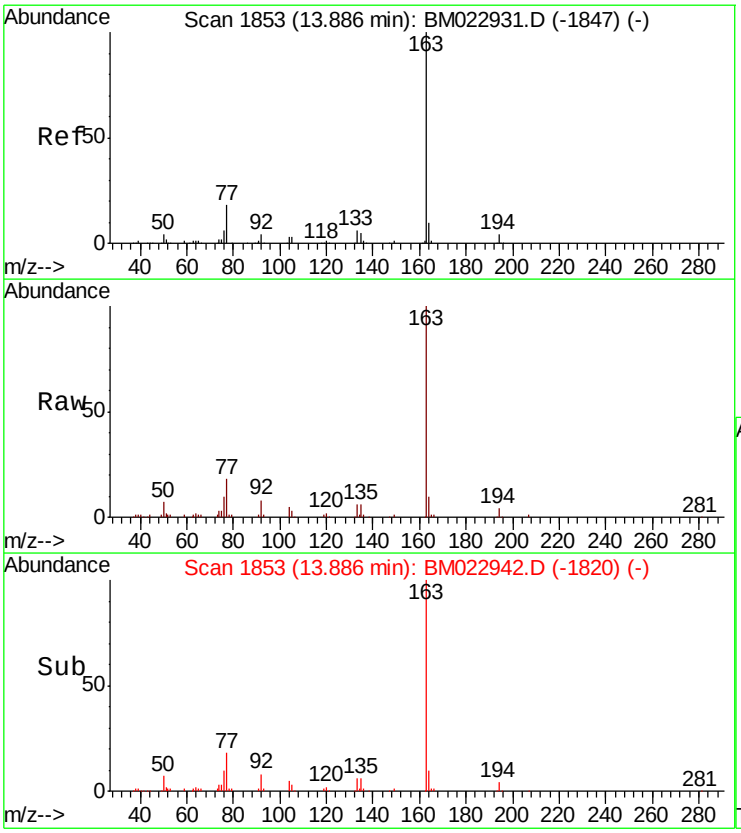
#6
Phenol
Concen: 2.369 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 52843

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

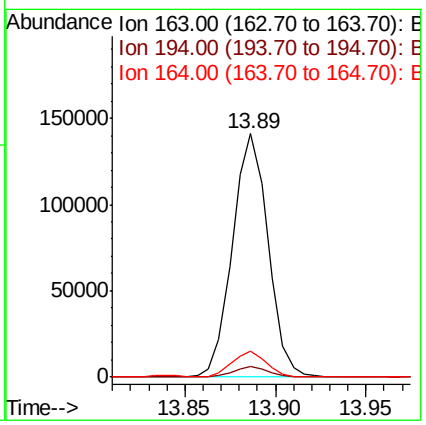


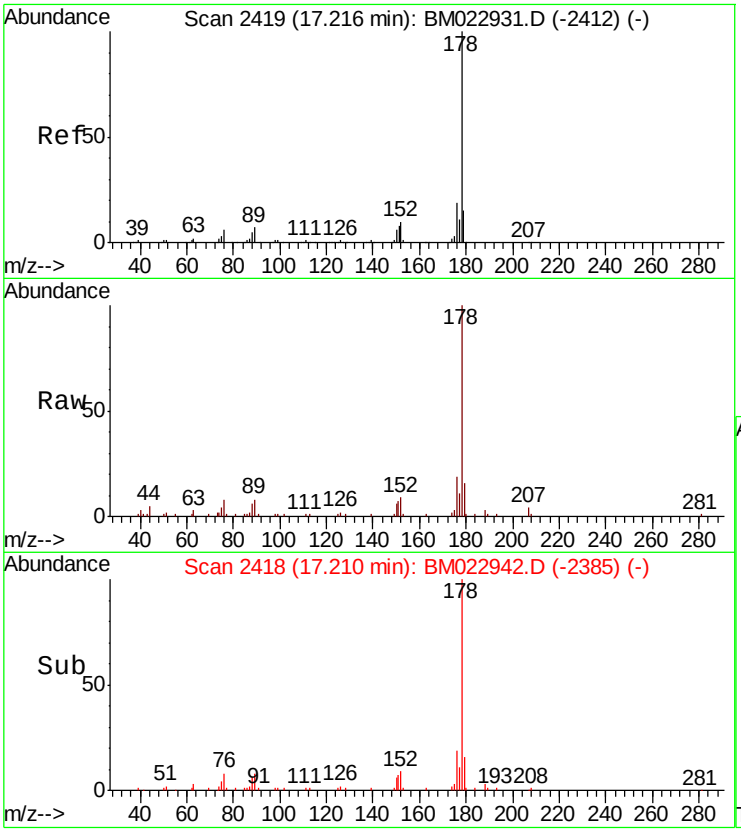


#45
Dimethylphthalate
Concen: 4.357 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Tgt Ion:163 Resp: 192591

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



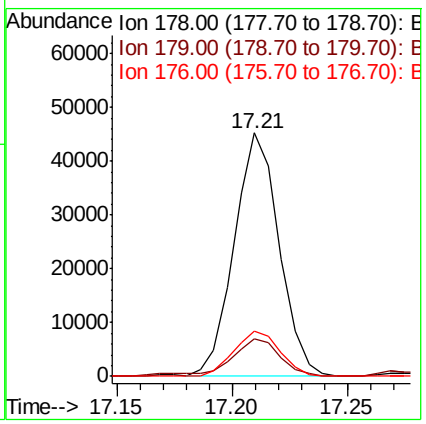


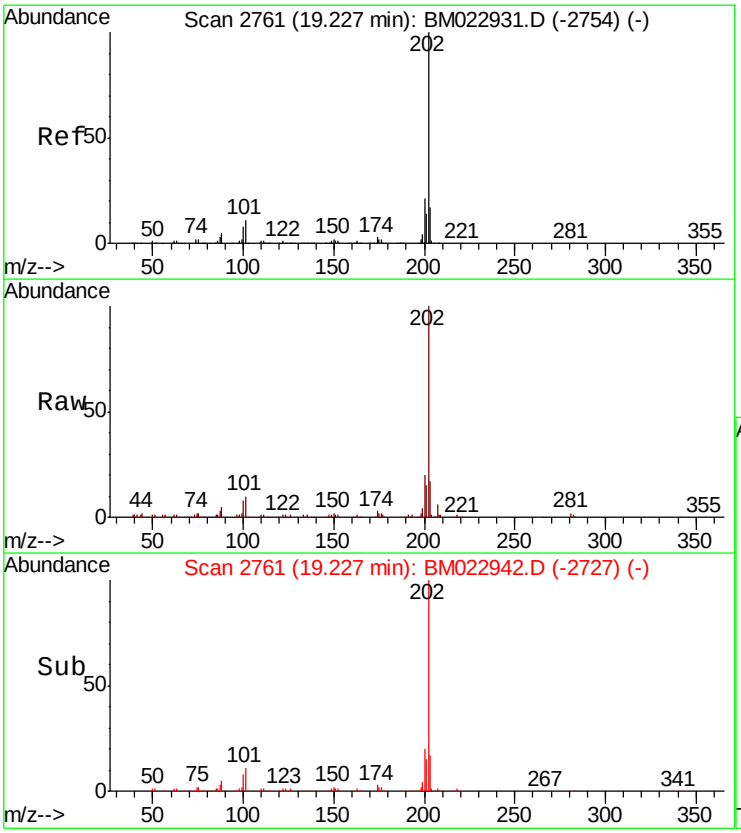
#70
Phenanthrene
Concen: 1.096 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 61336

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.7	15.3	22.9

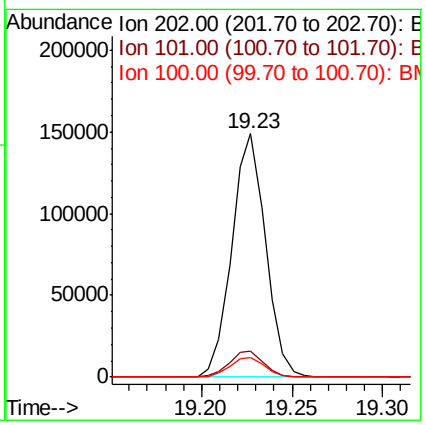


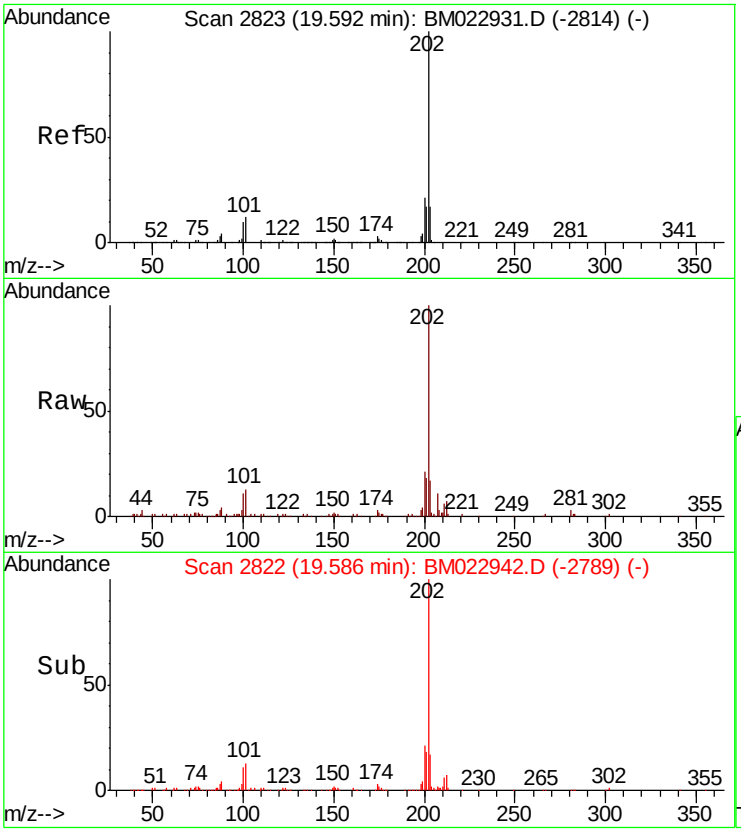


#77
Fluoranthene
Concen: 3.061 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

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



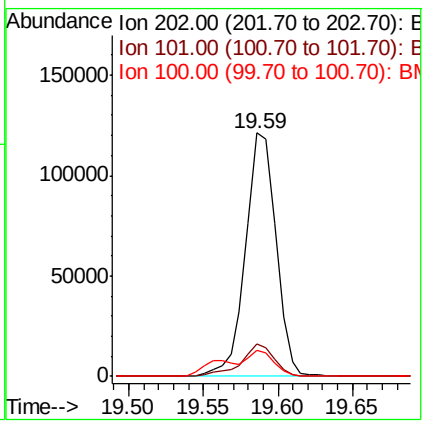


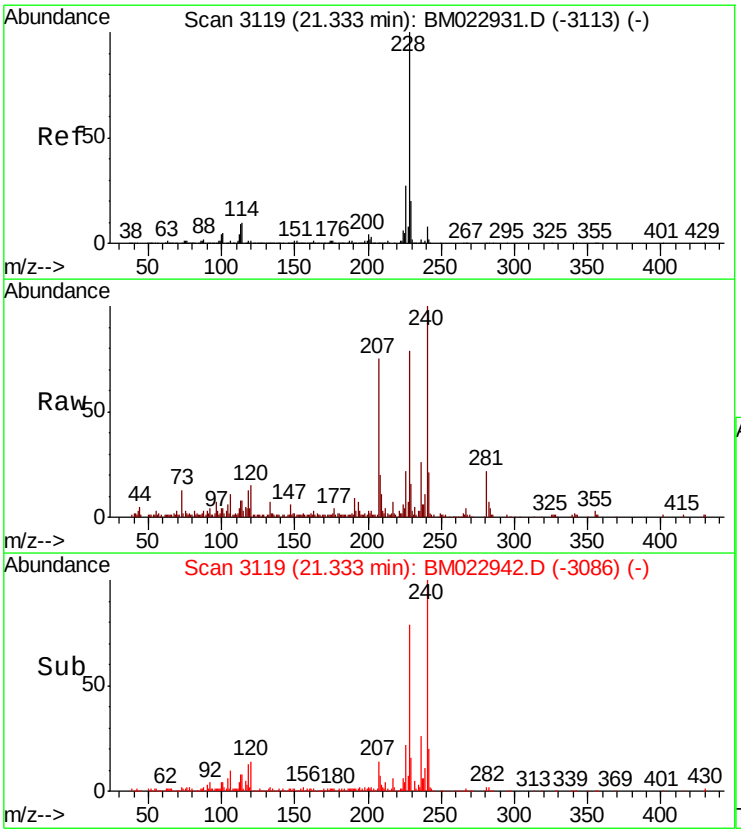
#80
Pyrene
Concen: 2.936 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 171262

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

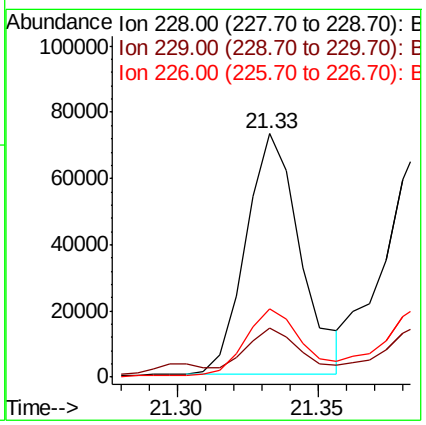


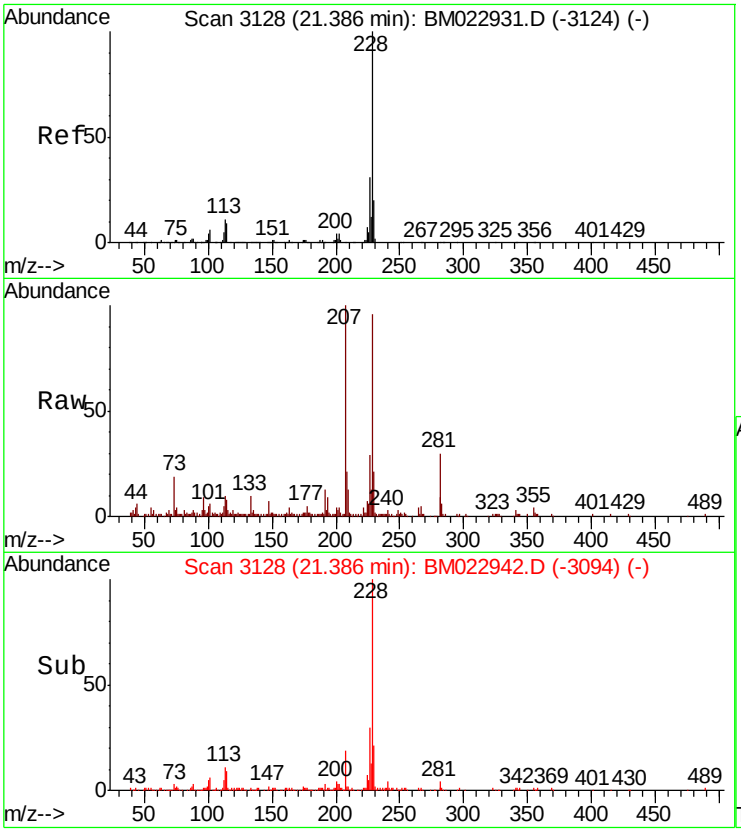


#83
Benzo(a)anthracene
Concen: 1.654 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

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



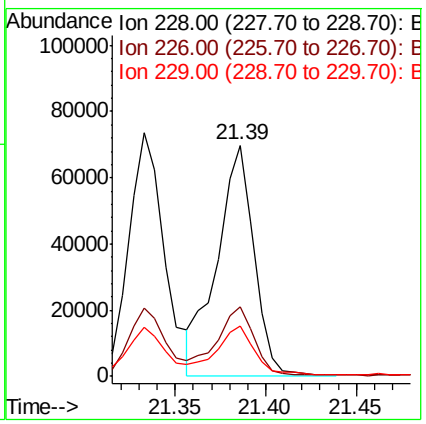


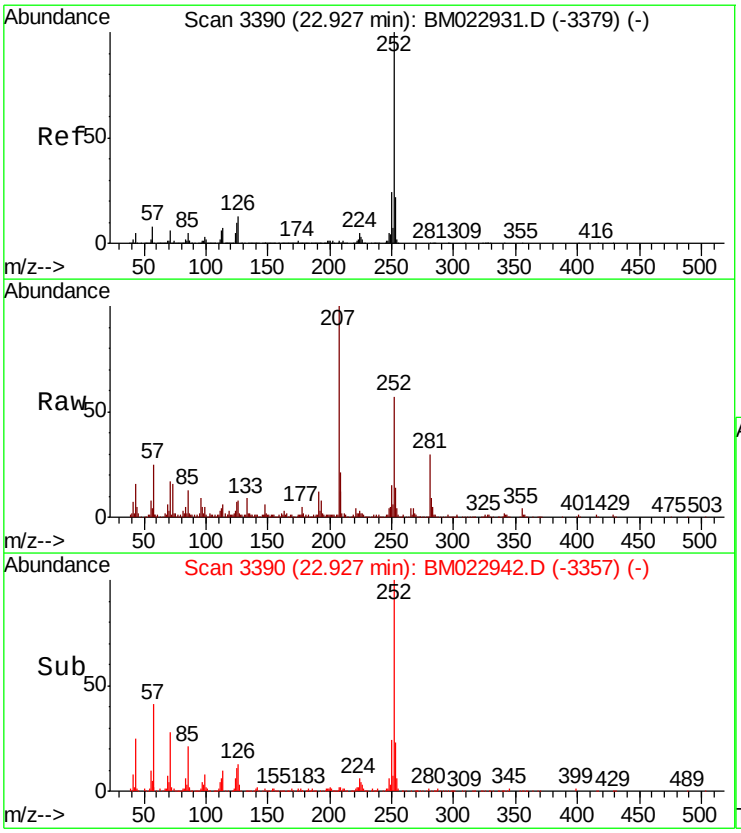
#85
Chrysene
Concen: 1.818 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 99036

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

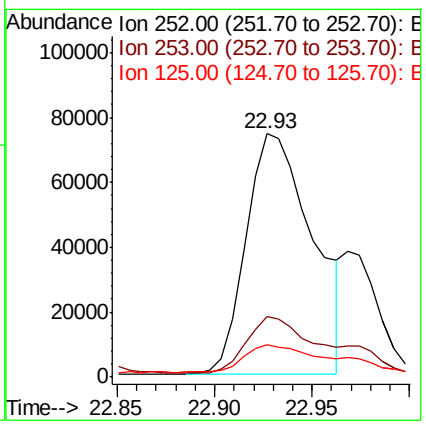


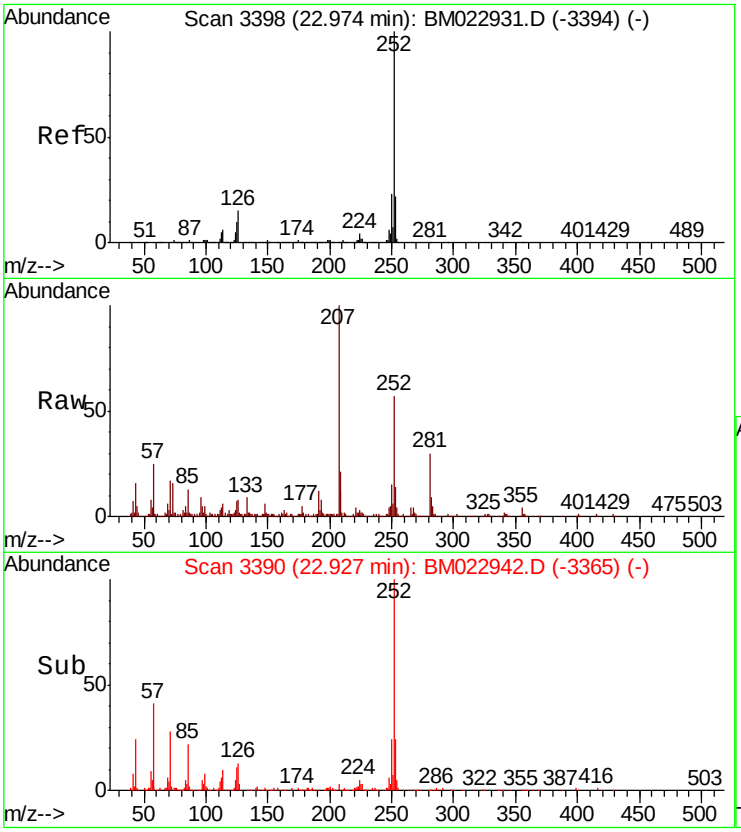


#88
Benzo(b)fluoranthene
Concen: 2.612 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Tgt Ion:252 Resp: 175336

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



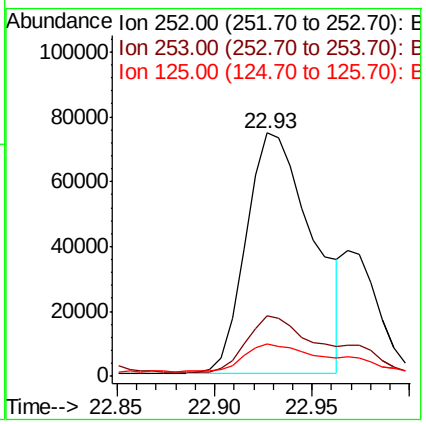


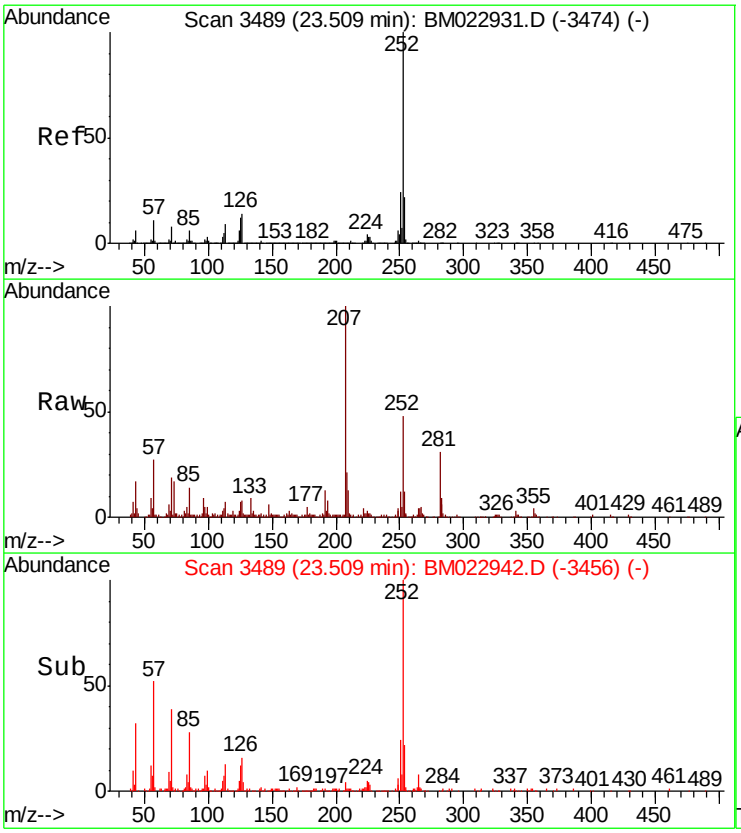
#89
Benzo(k)fluoranthene
Concen: 2.730 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 175336

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	13.1	7.9	11.9#

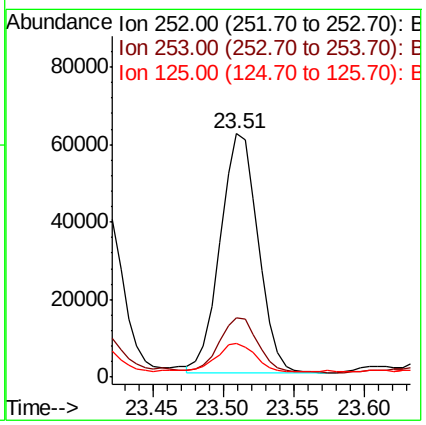


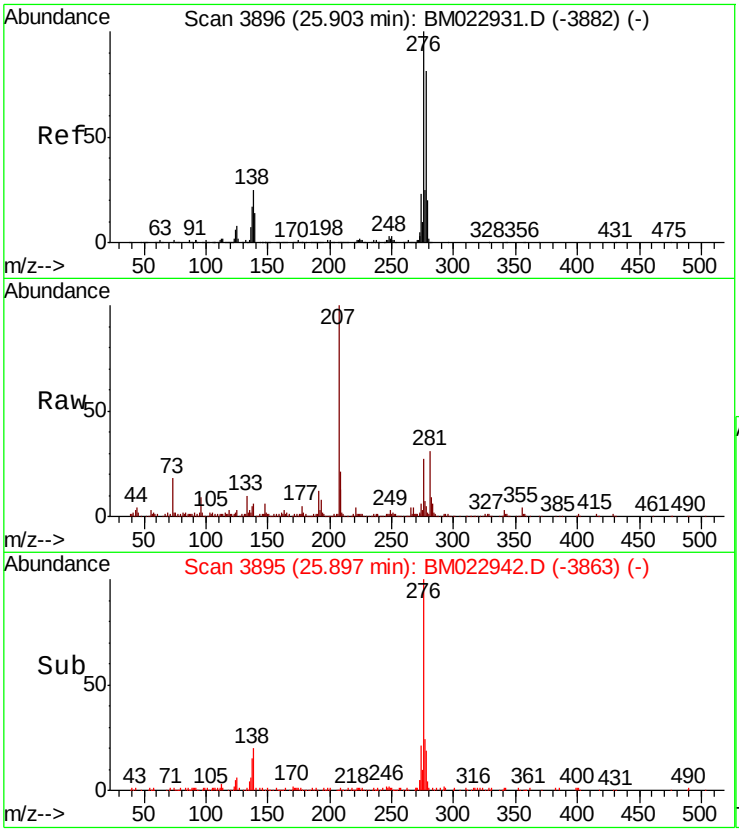


#91
Benzo(a)pyrene
Concen: 1.836 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

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#



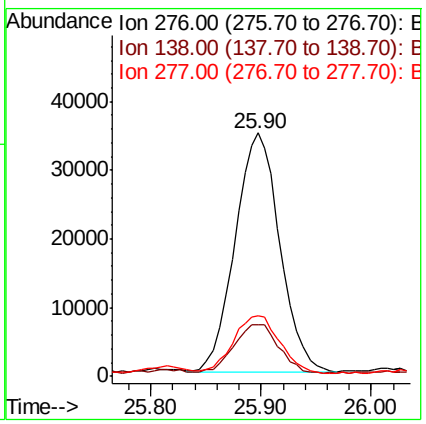


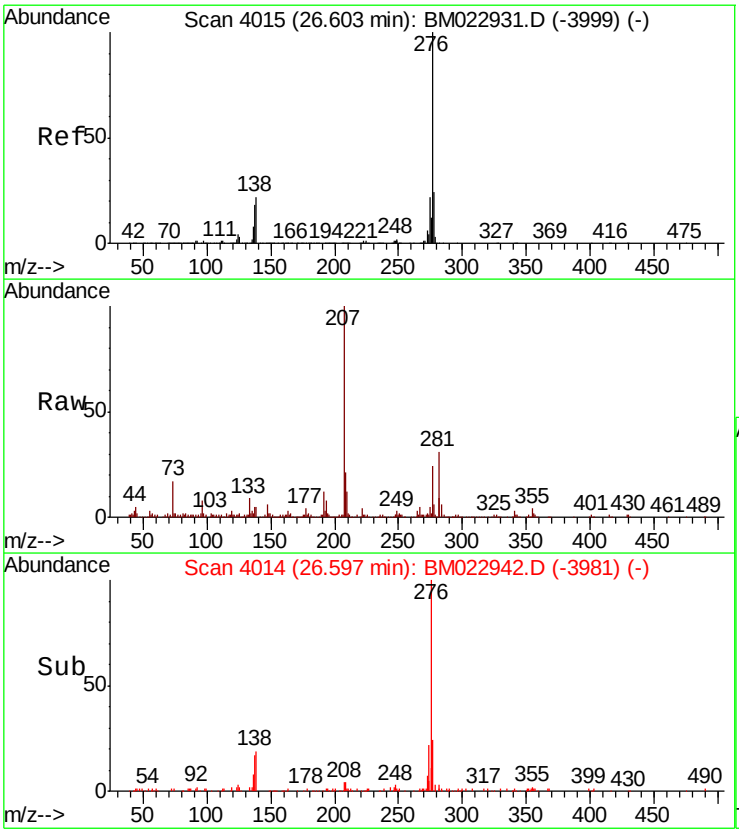
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.478 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM022942.D
Acq: 04 Oct 2019 04:50

Instrument :
BNA_M
ClientSampleId :

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





#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:276 Resp: 104063

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