Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023003.D
Acq On : 05 Oct 2019 22:04
Operator : JU
Sample : K5057-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAH2

Quant Time: Oct 07 02:38:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	249692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1075734	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	619971	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1065707	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	841537	20.00	ng/ul	-0.01
86) Perylene-d12	23.60	264	970170	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	19309	3.34	ng/uL	0.00
5) Phenol-d5	6.96	99	366211	16.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	219826	18.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	302827	17.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	297253	16.46	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	144911	17.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	148800	16.41	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.20	165	295034	16.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.71	131	404938	18.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	867493	18.03	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1013781	18.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	68800	7.24	ng/ul	0.00
58) Fluorene-d10	15.42	176	719000	17.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	53804	7.76	ng/ul	-0.01
71) Anthracene-d10	17.26	188	977199	18.78	ng/ul	-0.01
79) Pyrene-d10	19.55	212	971922	21.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	988977	19.71	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.98	94	45859	1.983	ng/ul	98
45) Dimethylphthalate	13.88	163	299034	6.050	ng/ul	99
77) Fluoranthene	19.22	202	194532	2.719	ng/ul	98
80) Pyrene	19.58	202	177010	2.967	ng/ul	98
83) Benzo(a)anthracene	21.33	228	103009	1.705	ng/ul	98
85) Chrysene	21.38	228	111542	2.002	ng/ul	98
88) Benzo(b)fluoranthene	22.92	252	127224	1.976	ng/ul#	97
91) Benzo(a)pyrene	23.50	252	63657	1.054	ng/ul#	95

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

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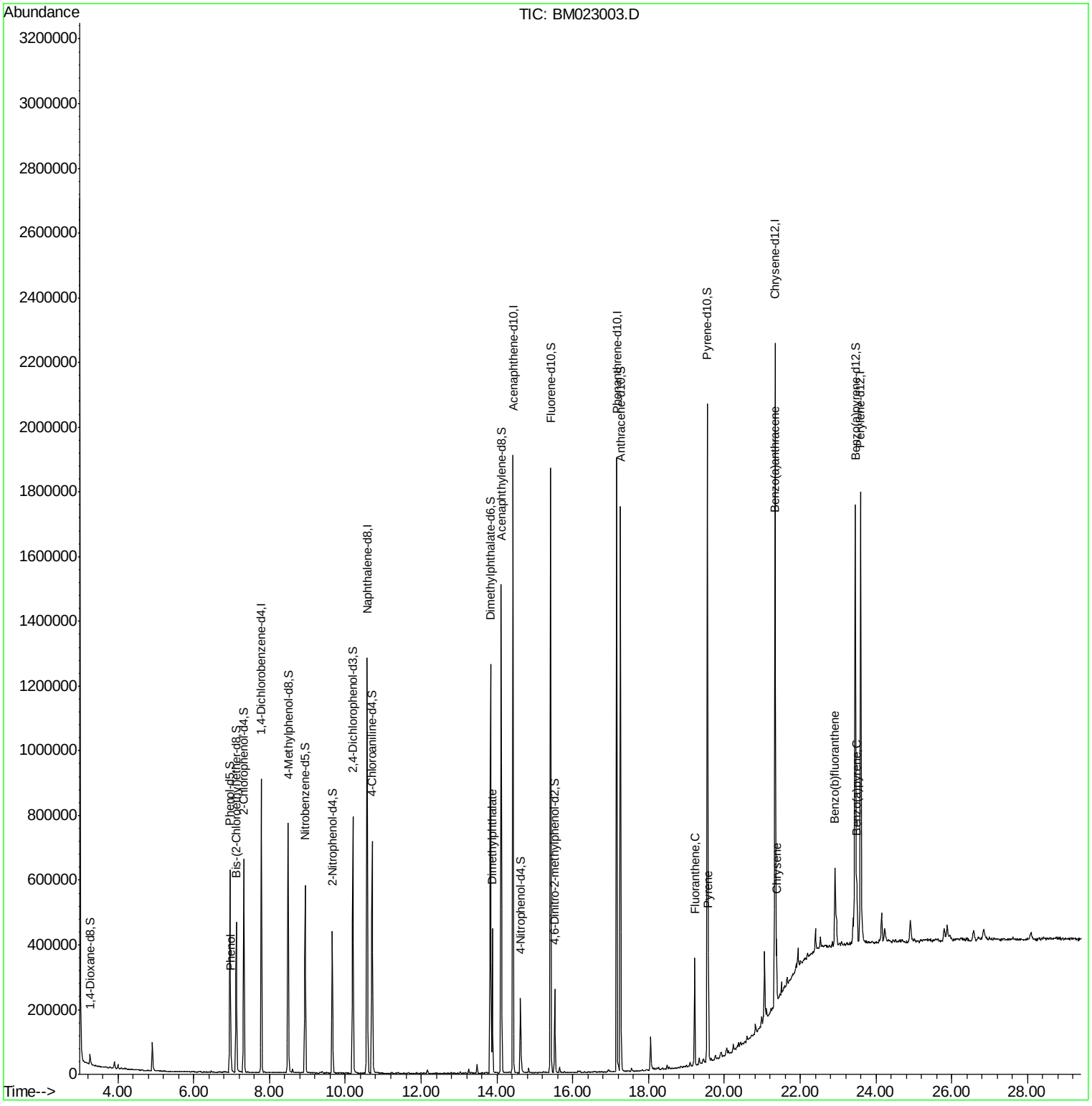
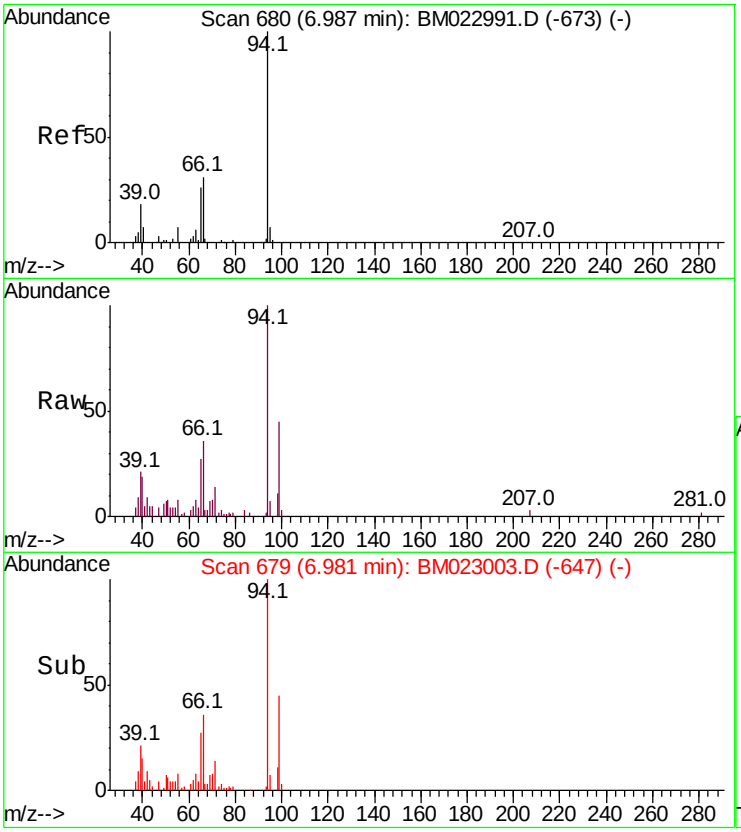


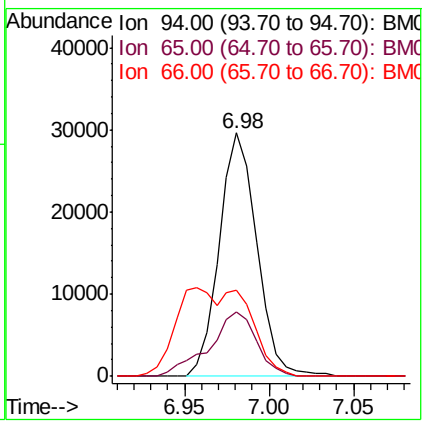


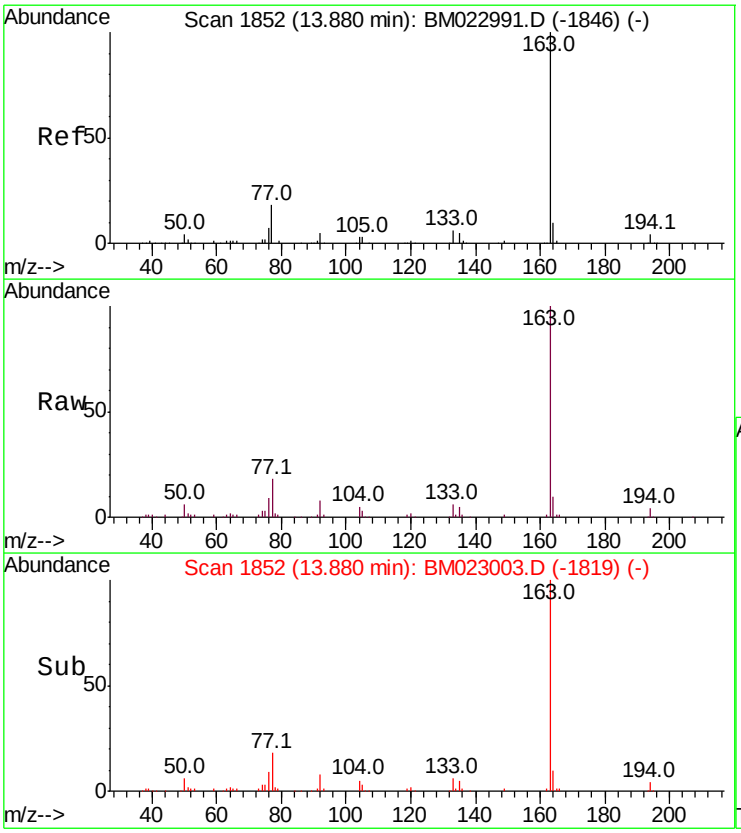
#6
Phenol
Concen: 1.983 ng/ul
RT: 6.98 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Instrument :
BNA_M
ClientSampleId :
DBAH2

Tgt Ion: 94 Resp: 45859

Ion	Ratio	Lower	Upper
94	100		
65	26.5	20.9	31.3
66	35.6	27.2	40.8

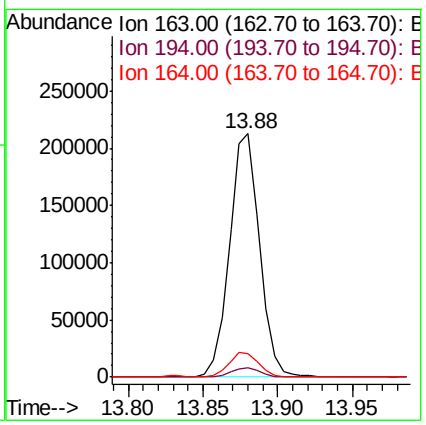


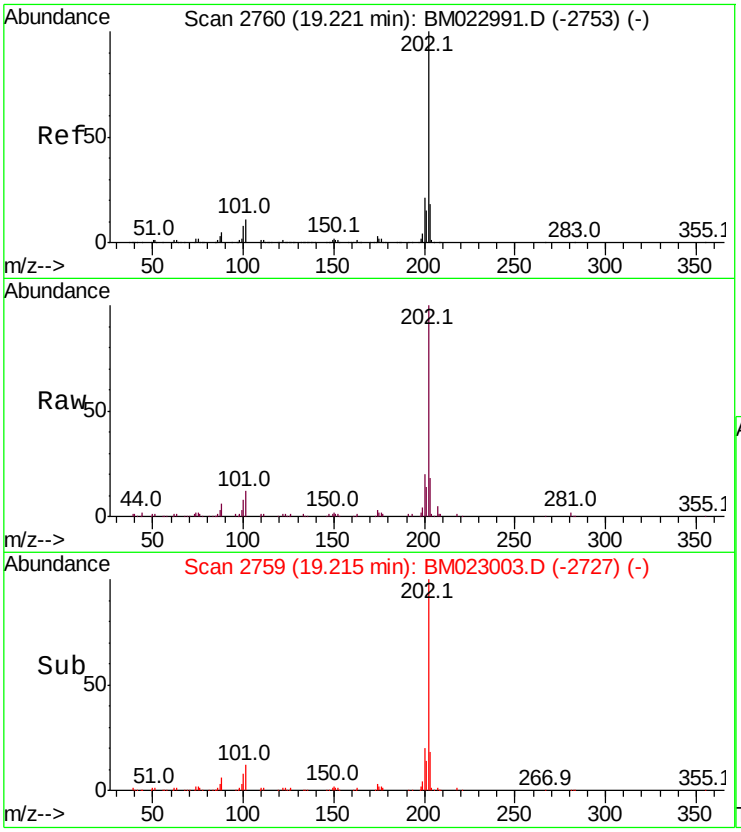


#45
Dimethylphthalate
Concen: 6.050 ng/ul
RT: 13.88 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Tgt Ion:163 Resp: 299034

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.1	12.1



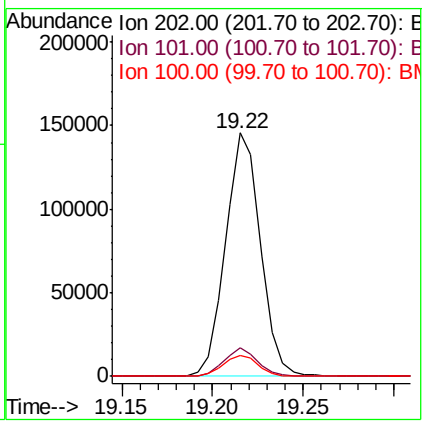


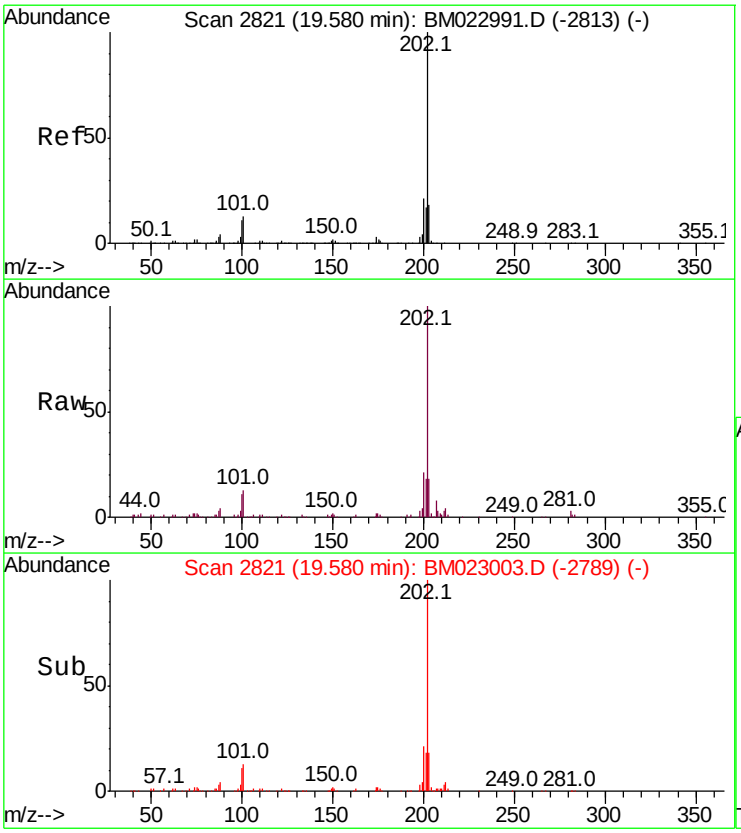
#77
Fluoranthene
Concen: 2.719 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Instrument :
BNA_M
ClientSampleId :
DBAH2

Tgt Ion:202 Resp: 194532

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.6	12.8
100	8.4	6.4	9.6

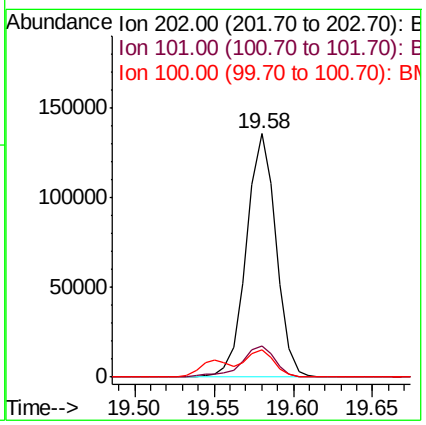


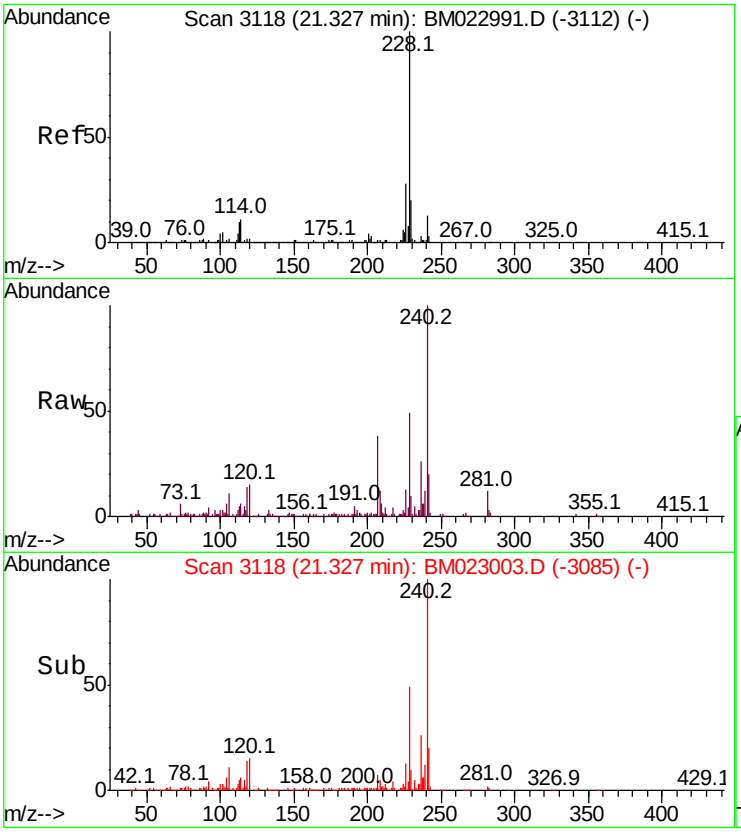


#80
Pyrene
Concen: 2.967 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Tgt Ion:202 Resp: 177010

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	11.0	7.8	11.8



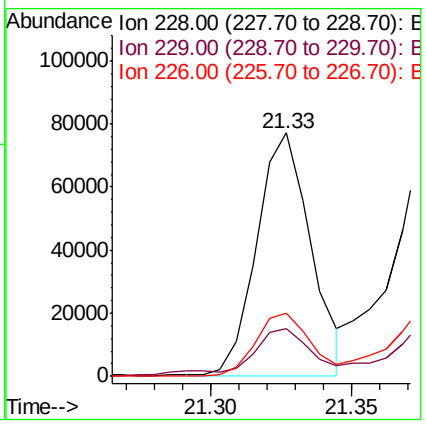


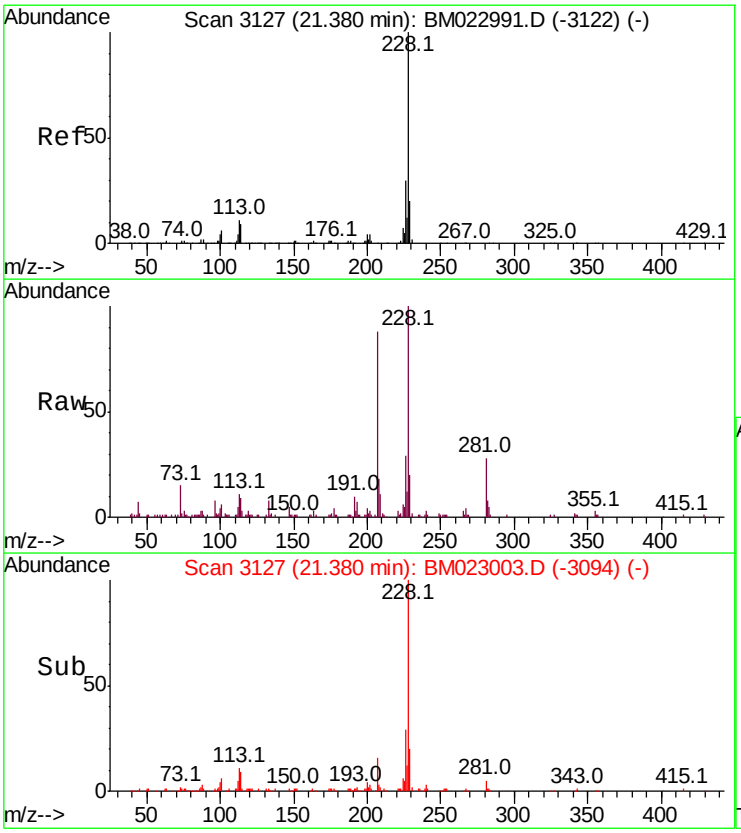
#83
Benzo(a)anthracene
Concen: 1.705 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Instrument :
BNA_M
ClientSampleId :
DBAH2

Tgt Ion:228 Resp: 103009

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	25.9	22.4	33.6

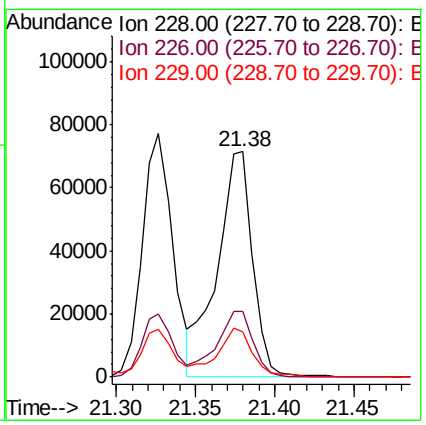


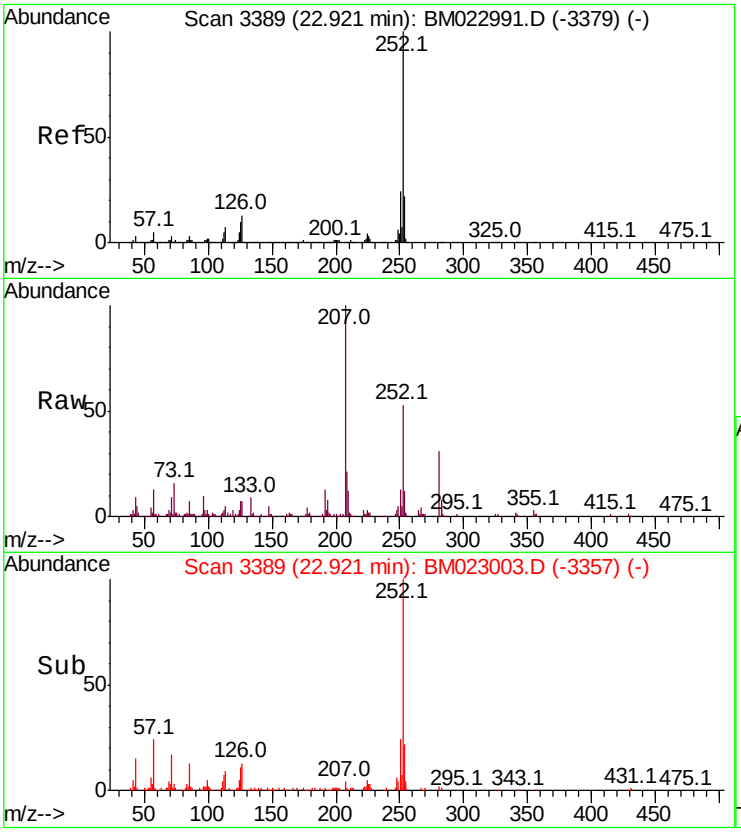


#85
Chrysene
Concen: 2.002 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Tgt Ion:228 Resp: 111542

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	20.1	15.9	23.9



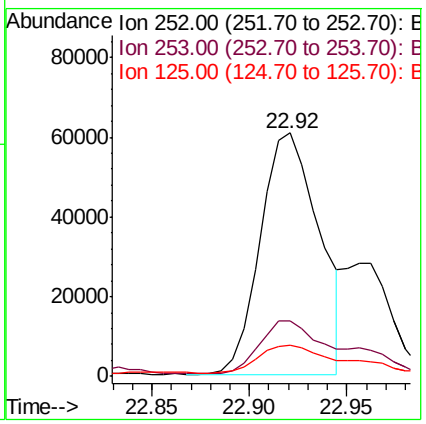


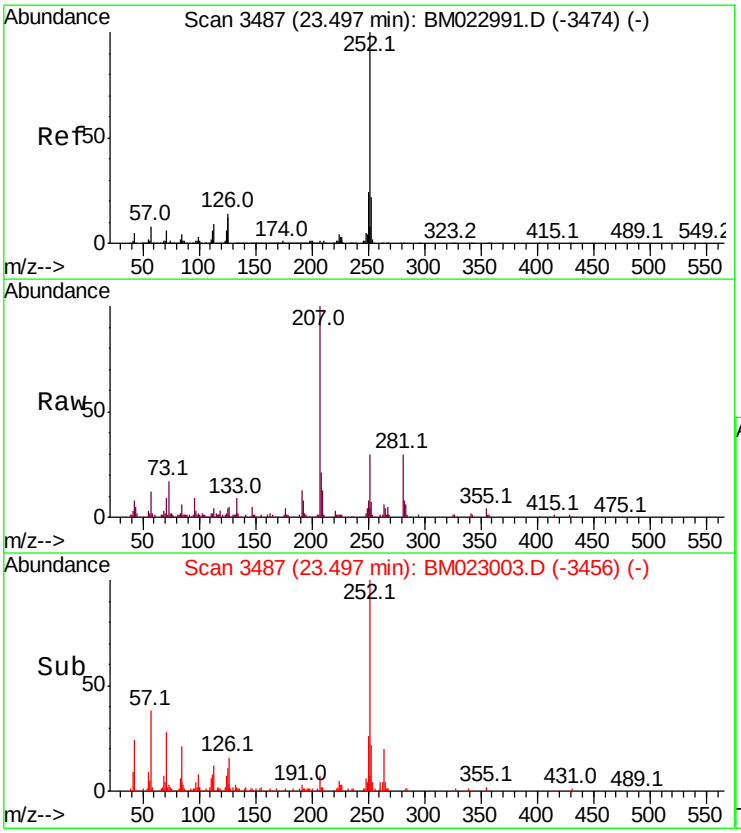
#88
Benzo(b)fluoranthene
Concen: 1.976 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Instrument :
BNA_M
ClientSampleId :
DBAH2

Tgt Ion:252 Resp: 127224

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	12.5	8.2	12.2#





#91
Benzo(a)pyrene
Concen: 1.054 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM023003.D
Acq: 05 Oct 2019 22:04

Tgt Ion:252 Resp: 63657

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	13.5	8.7	13.1#