Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023249.D
Acq On : 18 Oct 2019 09:27
Operator : JU
Sample : K5235-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 18 11:58:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	391672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1535408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	951728	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1993192	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2046471	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2461190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	27873	3.13	ng/uL	0.00
5) Phenol-d5	6.83	99	452797	13.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	284169	14.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	402399	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	292188	10.66	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	196085	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	211593	21.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	392229	15.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	403138	13.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1234528	16.93	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1459825	17.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	114274	9.68	ng/ul	0.00
58) Fluorene-d10	15.30	176	1096576	17.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	115293	14.59	ng/ul	0.00
71) Anthracene-d10	17.14	188	1805119	18.78	ng/ul	0.00
79) Pyrene-d10	19.44	212	2237377	22.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2621374	21.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	76516	2.175	ng/ul	95
45) Dimethylphthalate	13.77	163	391711	5.366	ng/ul	100
70) Phenanthrene	17.09	178	225828	2.019	ng/ul	99
77) Fluoranthene	19.11	202	596958	4.487	ng/ul	100
80) Pyrene	19.47	202	576164	4.494	ng/ul	99
83) Benzo(a)anthracene	21.23	228	324125	2.337	ng/ul	93
85) Chrysene	21.27	228	358195	2.782	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	464416	3.112	ng/ul#	96
89) Benzo(k)fluoranthene	22.80	252	464416	3.241	ng/ul#	96
91) Benzo(a)pyrene	23.36	252	339035	2.368	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.66	276	240493	1.412	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	230759	1.646	ng/ul	98

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

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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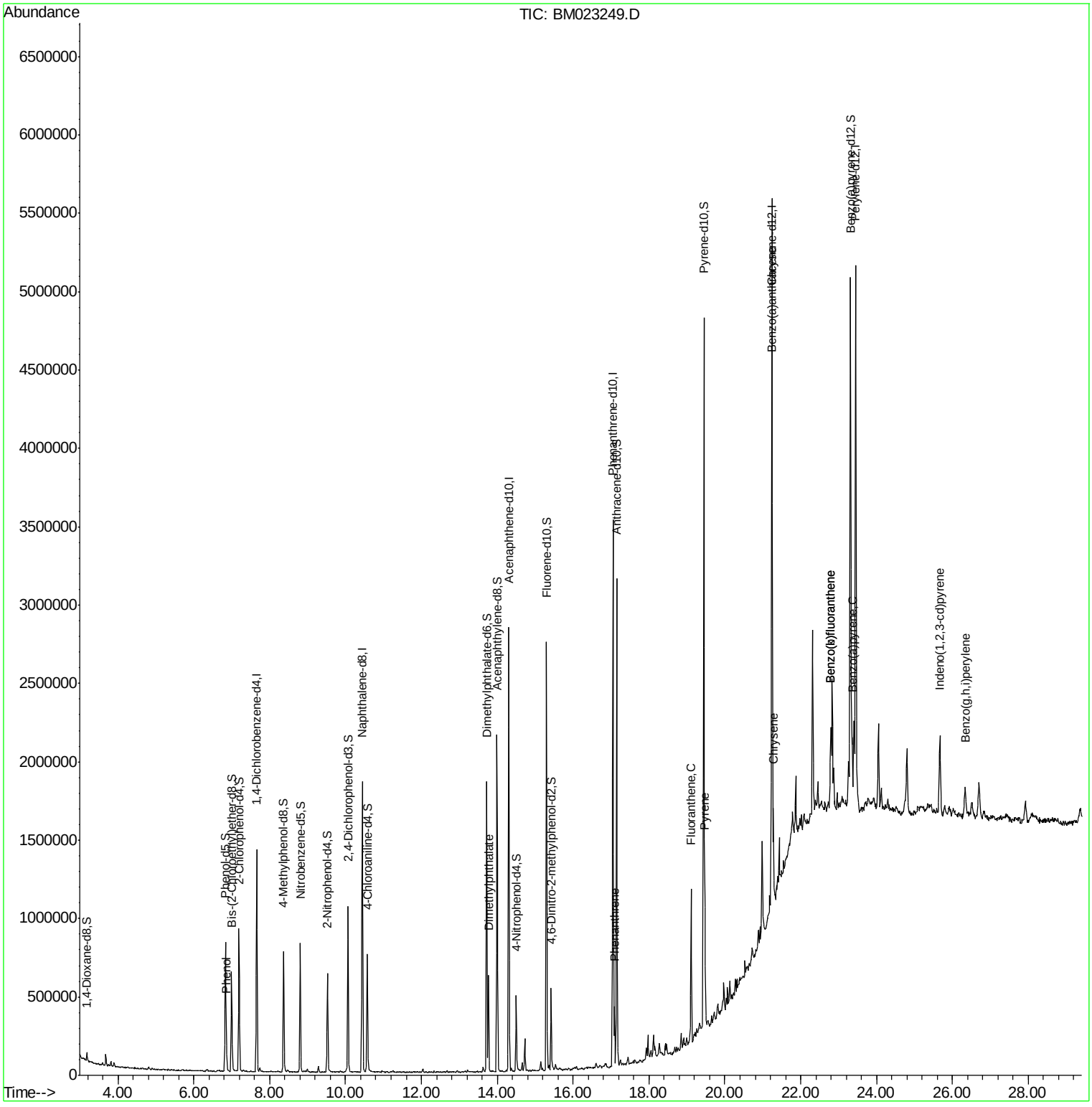
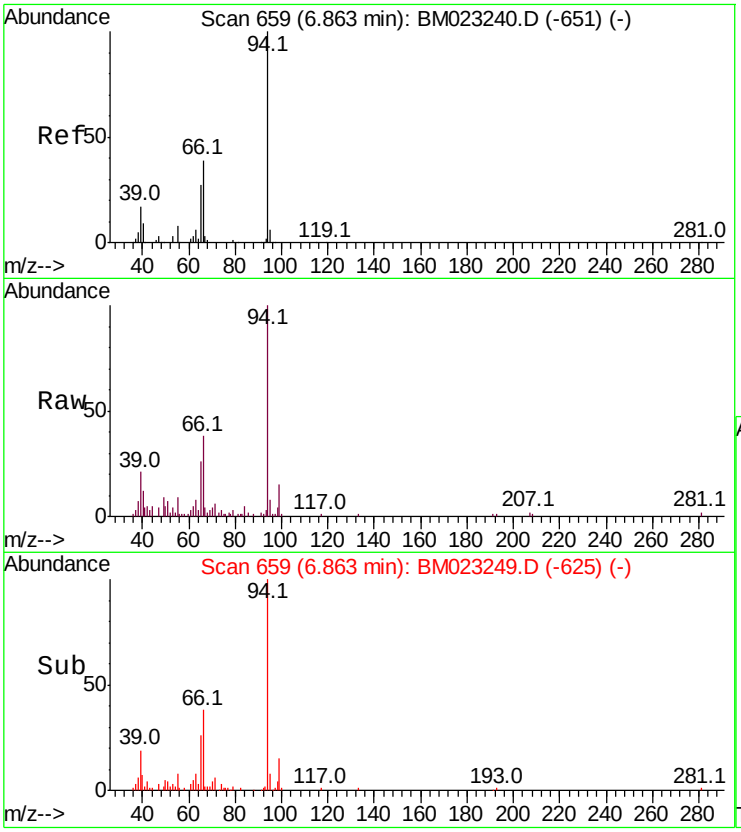
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration



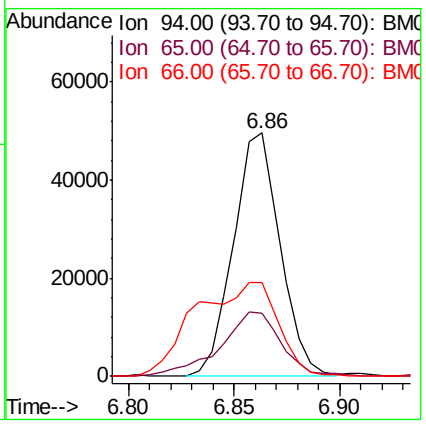


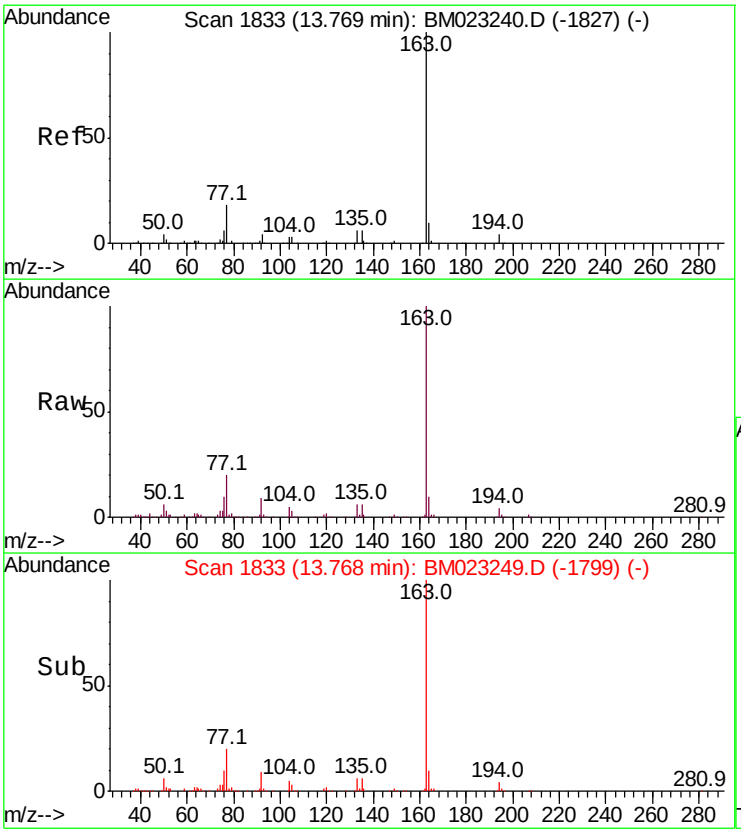
#6
Phenol
Concen: 2.175 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 76516

Ion	Ratio	Lower	Upper
94	100		
65	25.9	23.7	35.5
66	38.3	32.9	49.3

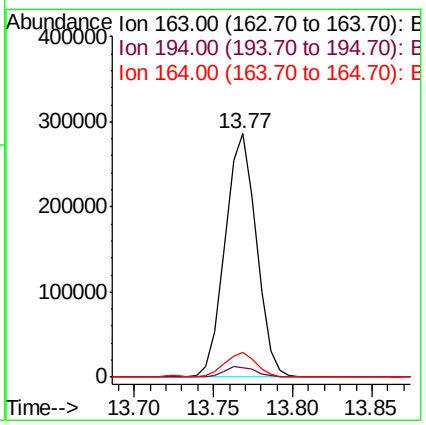


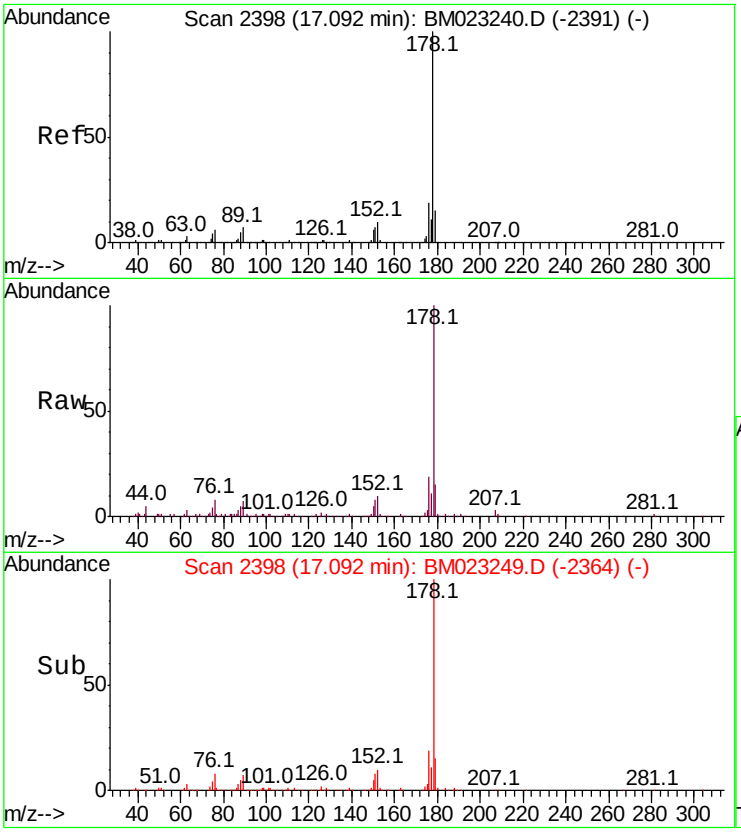


#45
Dimethylphthalate
Concen: 5.366 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:163 Resp: 391711

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.0	8.0	12.0



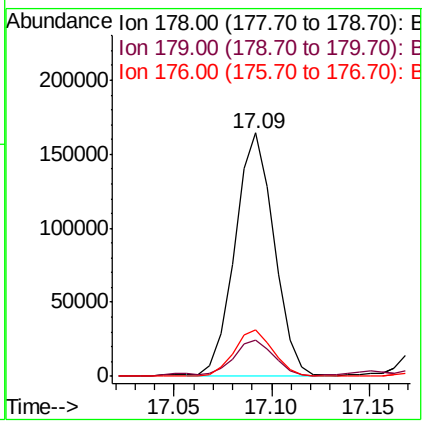


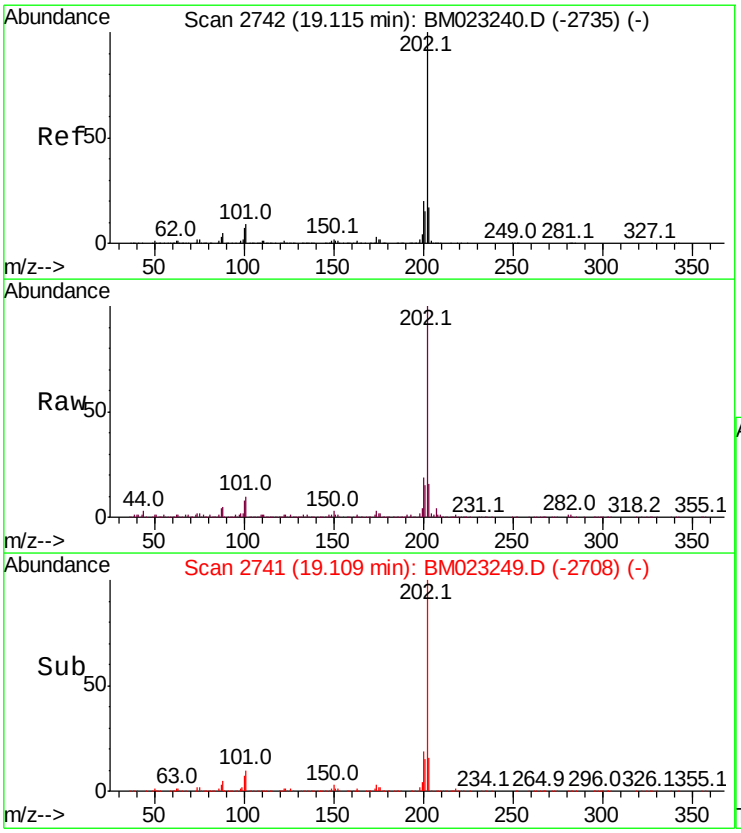
#70
Phenanthrene
Concen: 2.019 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 225828

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.2	15.5	23.3

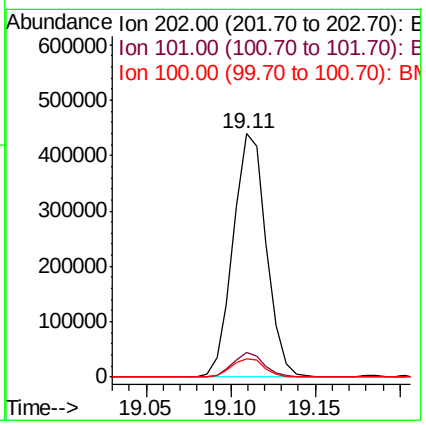


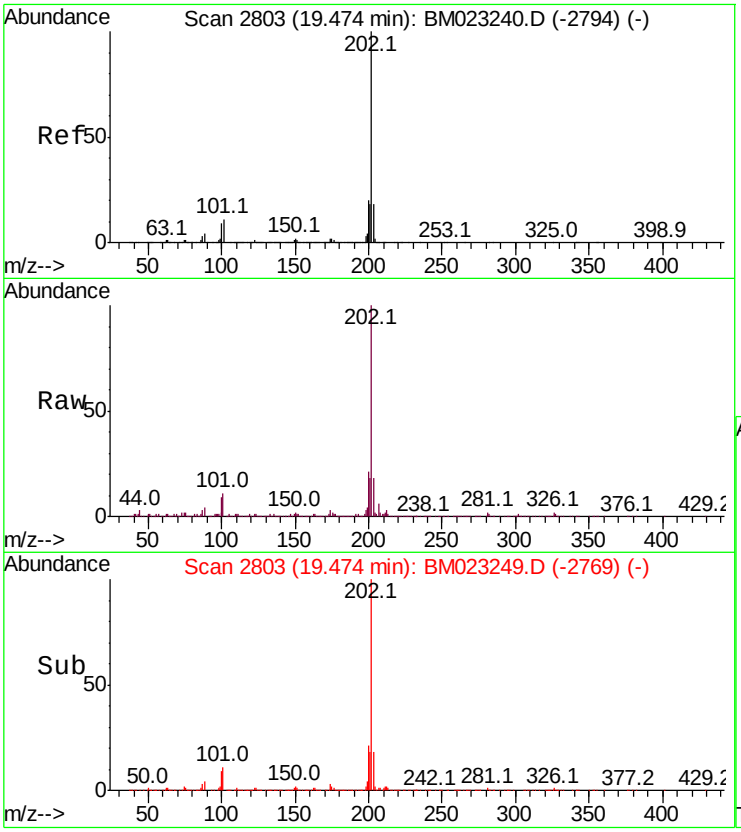


#77
Fluoranthene
Concen: 4.487 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:202 Resp: 596958

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
100	7.6	6.1	9.1



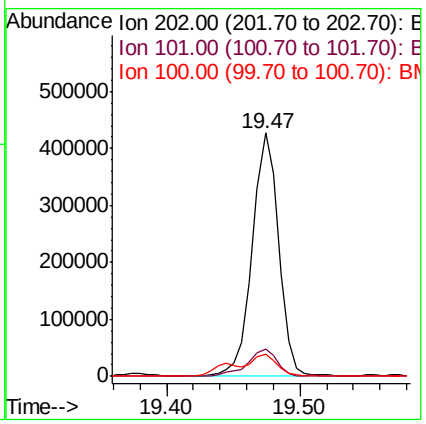


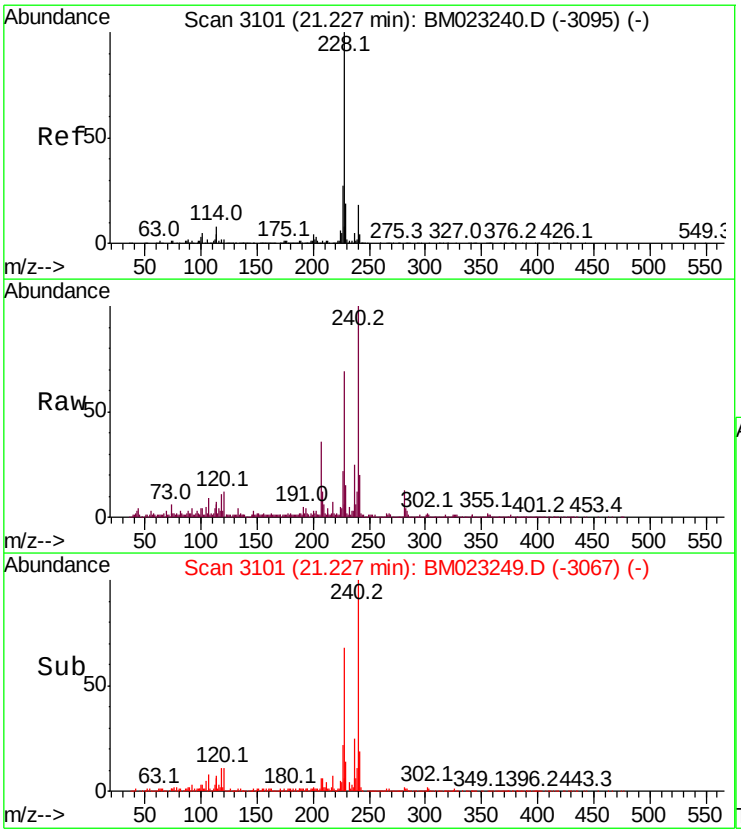
#80
Pyrene
Concen: 4.494 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 576164

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.1	7.5	11.3

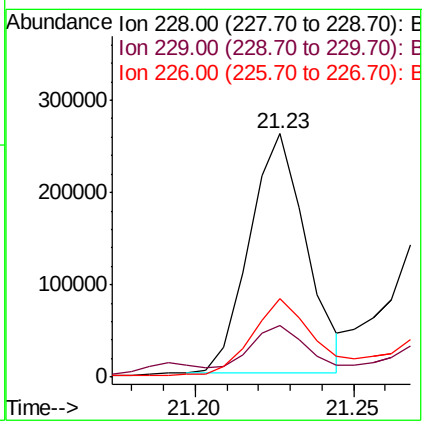


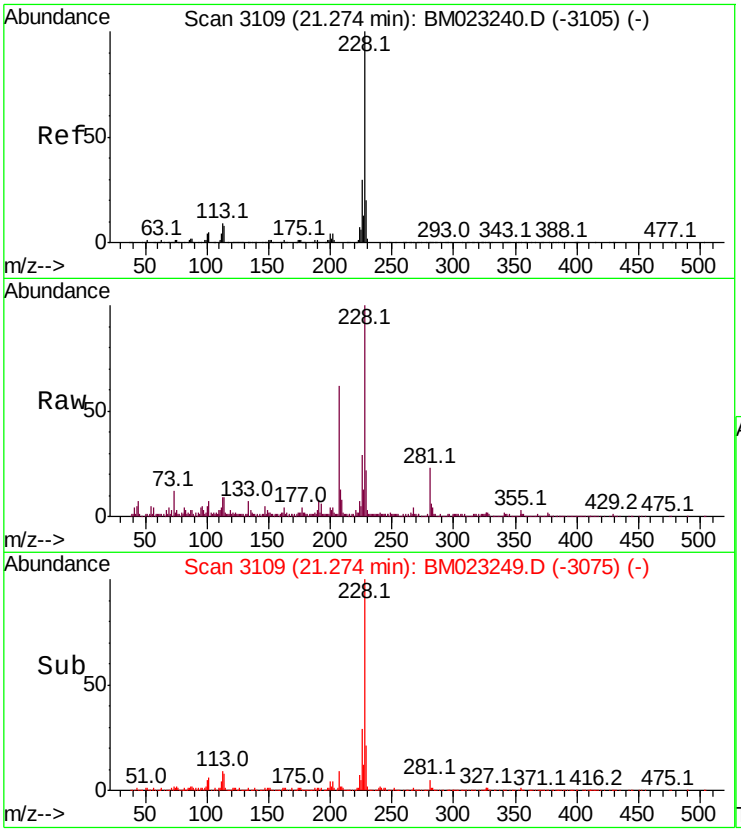


#83
Benzo(a)anthracene
Concen: 2.337 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:228 Resp: 324125

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	32.1	21.6	32.4



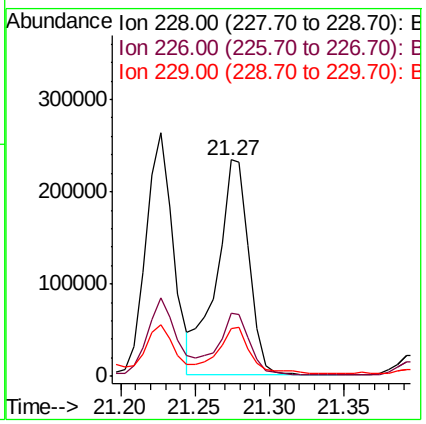


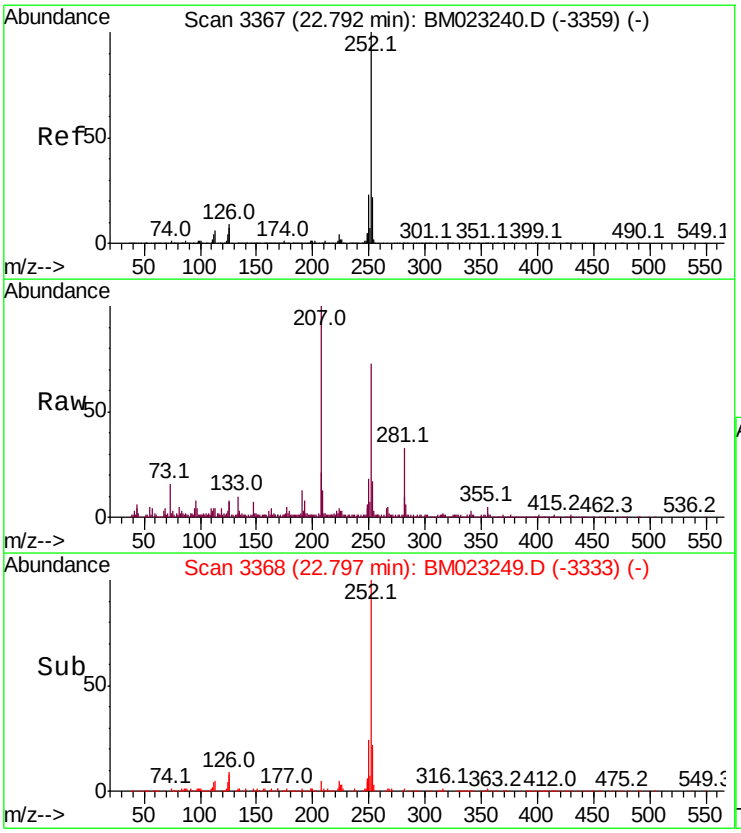
#85
Chrysene
Concen: 2.782 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 358195

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	22.0	15.5	23.3

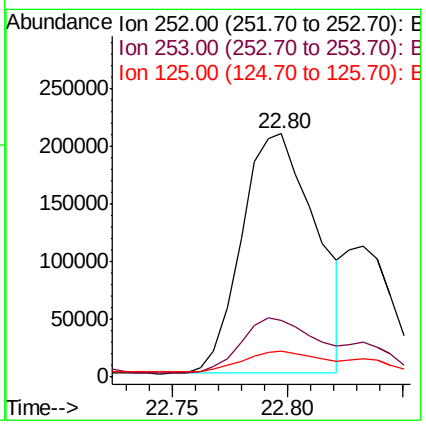


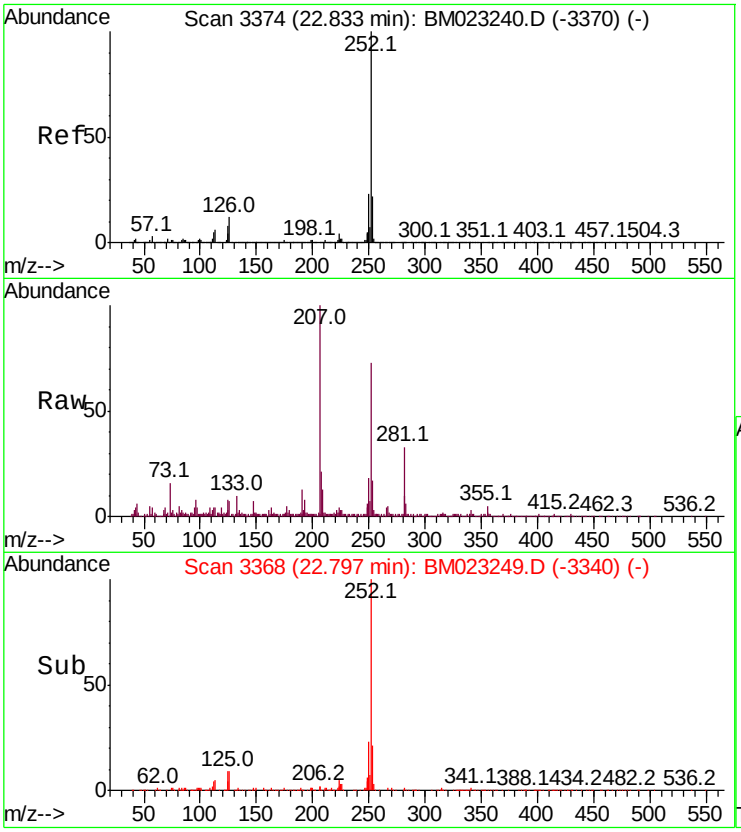


#88
Benzo(b)fluoranthene
Concen: 3.112 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:252 Resp: 464416

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.7	6.4	9.6#



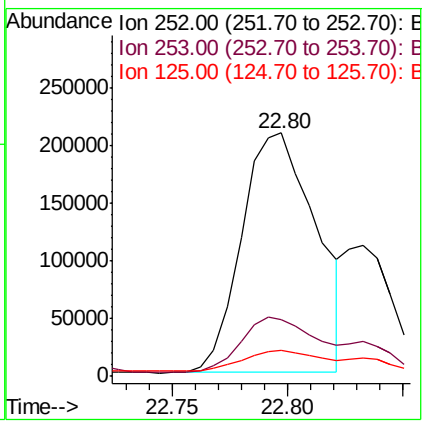


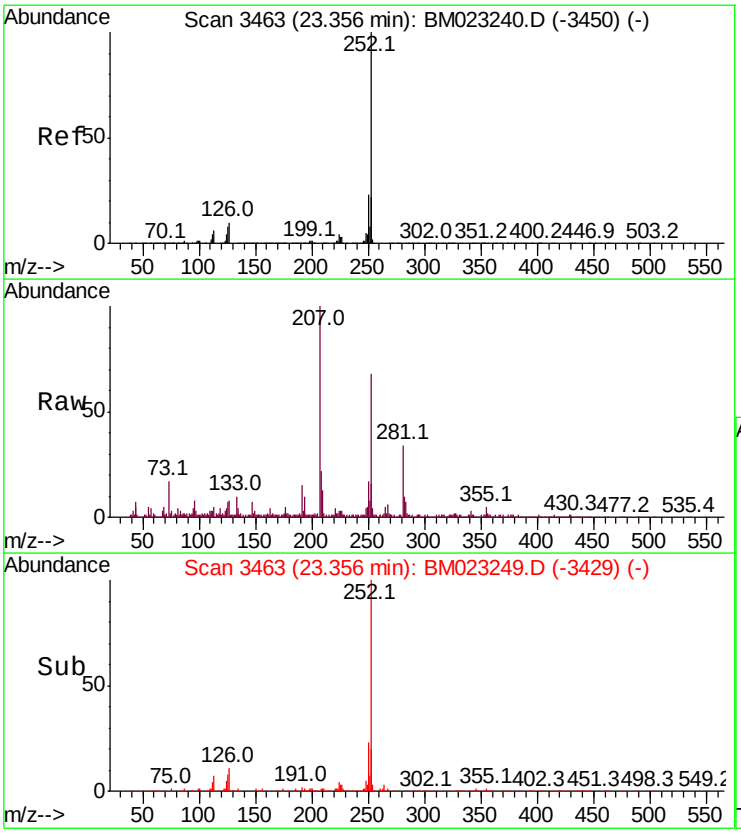
#89
Benzo(k)fluoranthene
Concen: 3.241 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 464416

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.7	6.5	9.7#

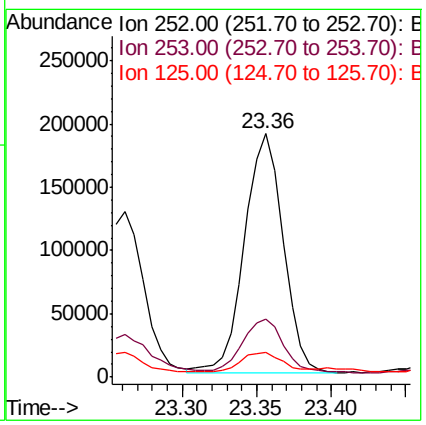


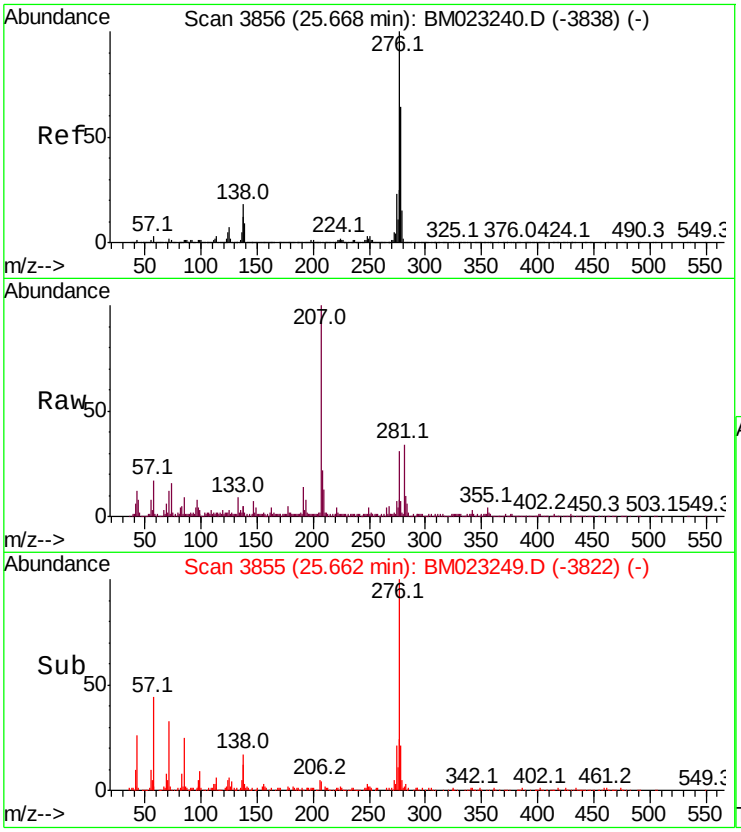


#91
Benzo(a)pyrene
Concen: 2.368 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:252 Resp: 339035

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	10.0	7.4	11.0



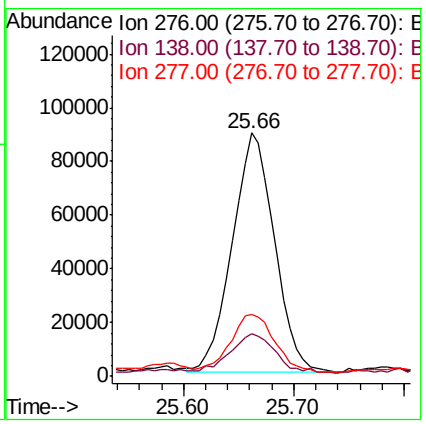


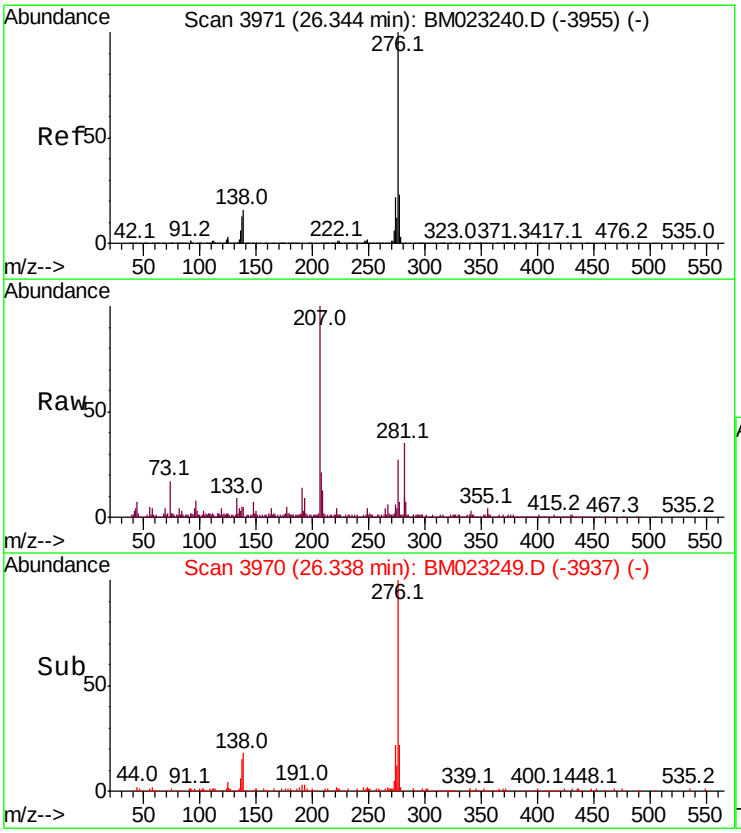
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.412 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 240493

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	25.4	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.646 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM023249.D
Acq: 18 Oct 2019 09:27

Tgt Ion:276 Resp: 230759

Ion	Ratio	Lower	Upper
276	100		
138	19.9	14.4	21.6
277	24.0	19.4	29.2