Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023105.D
Acq On : 10 Oct 2019 05:18
Operator : JU
Sample : K5177-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP97

Quant Time: Oct 10 05:53:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	183778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	729665	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	404582	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	774487	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	776506	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	925315	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15373	3.62	ng/uL	0.00
5) Phenol-d5	6.94	99	267191	16.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	165082	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	241645	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	183652	13.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	113886	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	124094	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	223205	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	215696	14.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	649658	20.69	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	756550	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	74063	11.94	ng/ul	0.00
58) Fluorene-d10	15.40	176	558925	20.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	62991	12.50	ng/ul	0.00
71) Anthracene-d10	17.24	188	797308	21.08	ng/ul	0.00
79) Pyrene-d10	19.54	212	925116	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1055833	22.06	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	40715	2.392	ng/ul	97
45) Dimethylphthalate	13.86	163	216413	6.709	ng/ul	100
70) Phenanthrene	17.19	178	61308	1.326	ng/ul	98
77) Fluoranthene	19.20	202	143605	2.762	ng/ul	98
80) Pyrene	19.57	202	144730	2.629	ng/ul	98
83) Benzo(a)anthracene	21.31	228	87233	1.565	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	162985	5.067	ng/ul	99
85) Chrysene	21.36	228	89747	1.746	ng/ul	99
88) Benzo(b)fluoranthene	22.90	252	114026	1.857	ng/ul#	92
91) Benzo(a)pyrene	23.47	252	91312	1.585	ng/ul#	92
94) Benzo(g,h,i)perylene	26.54	276	58788	1.191	ng/ul	98

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

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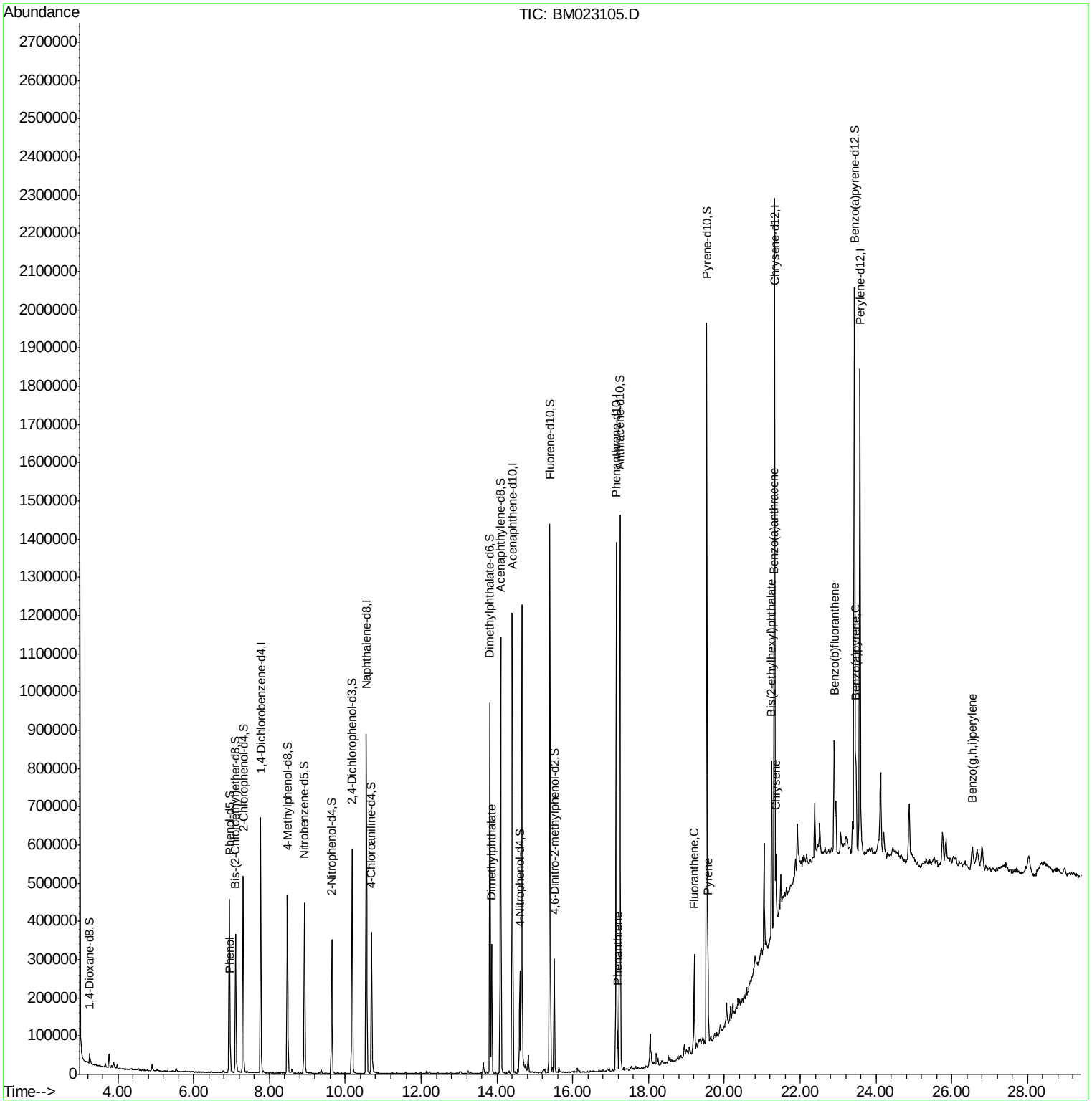
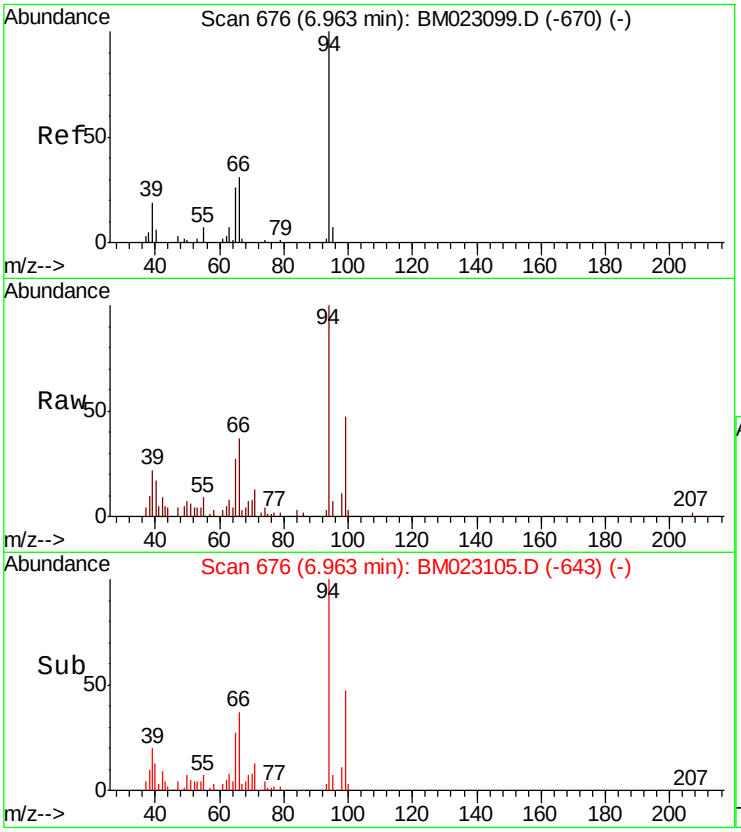


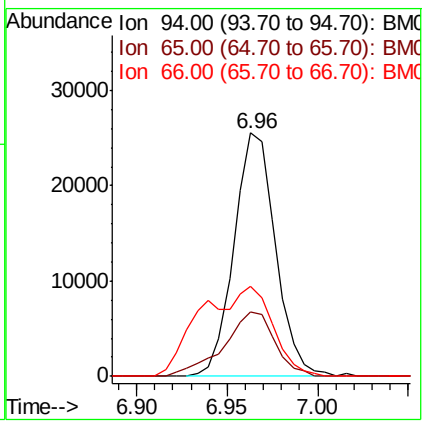


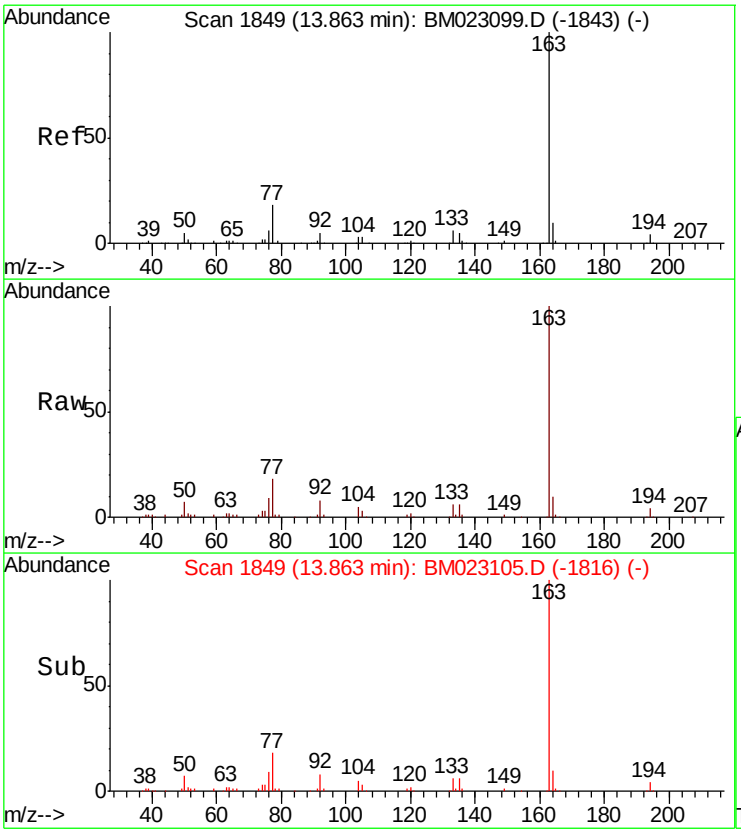
#6
Phenol
Concen: 2.392 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion: 94 Resp: 40715

Ion	Ratio	Lower	Upper
94	100		
65	26.7	20.9	31.3
66	36.9	27.2	40.8

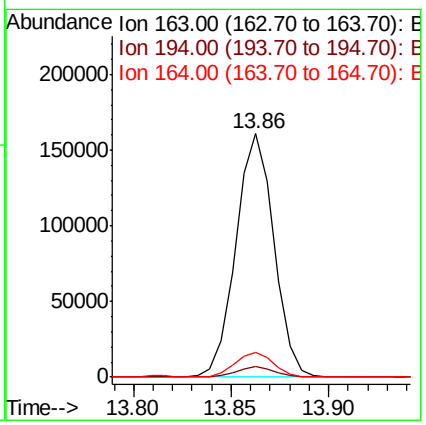


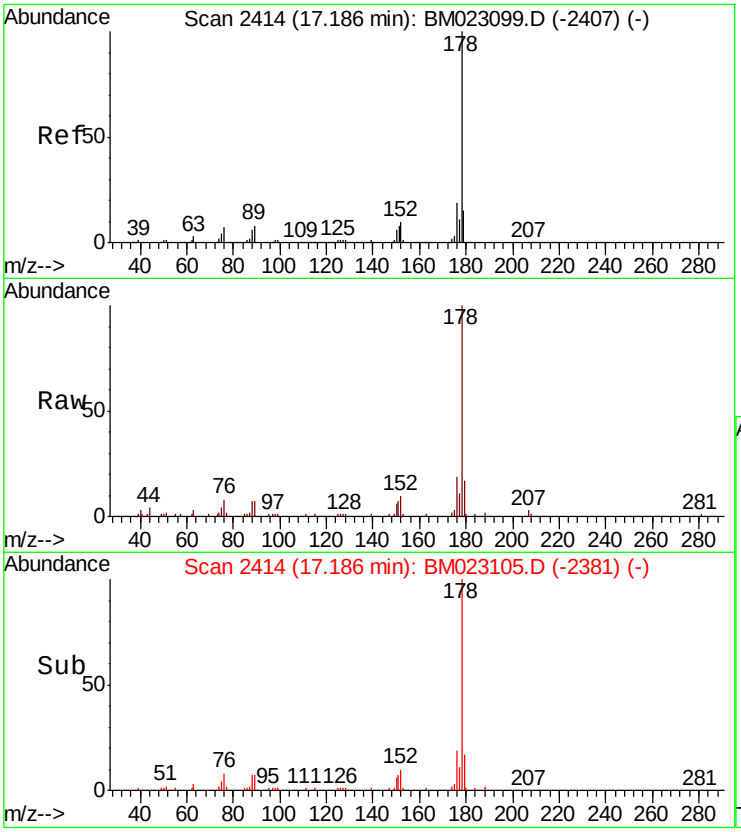


#45
Dimethylphthalate
Concen: 6.709 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion:163 Resp: 216413

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1



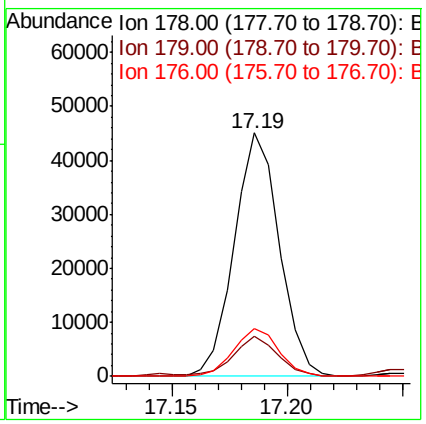


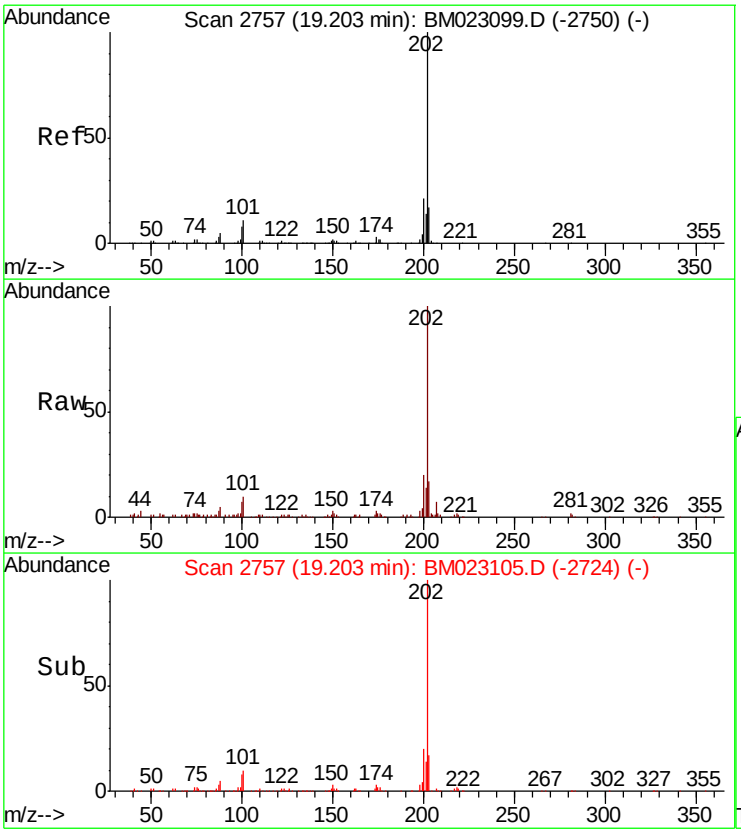
#70
Phenanthrene
Concen: 1.326 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion:178 Resp: 61308

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	19.4	15.3	22.9

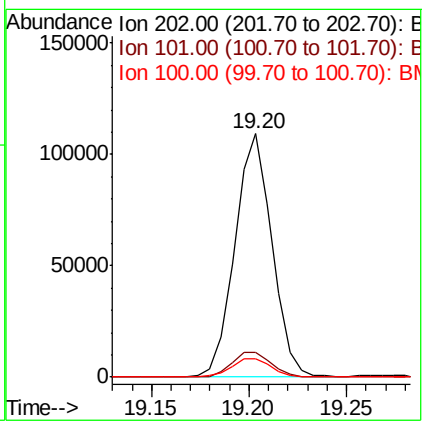


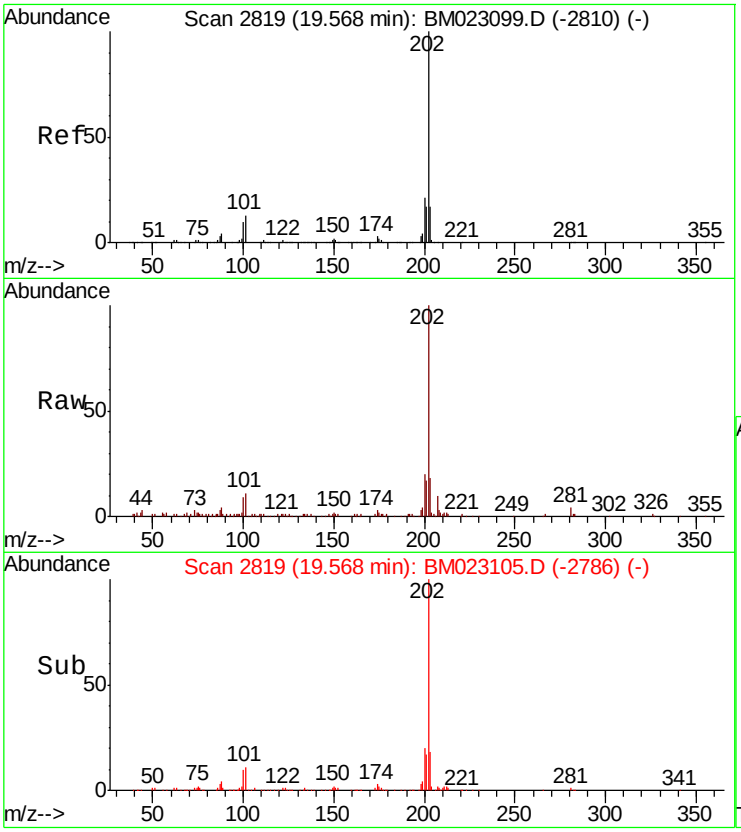


#77
Fluoranthene
Concen: 2.762 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion:202 Resp: 143605

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
100	7.5	6.4	9.6



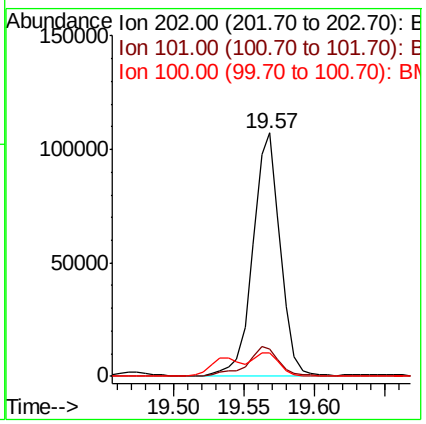


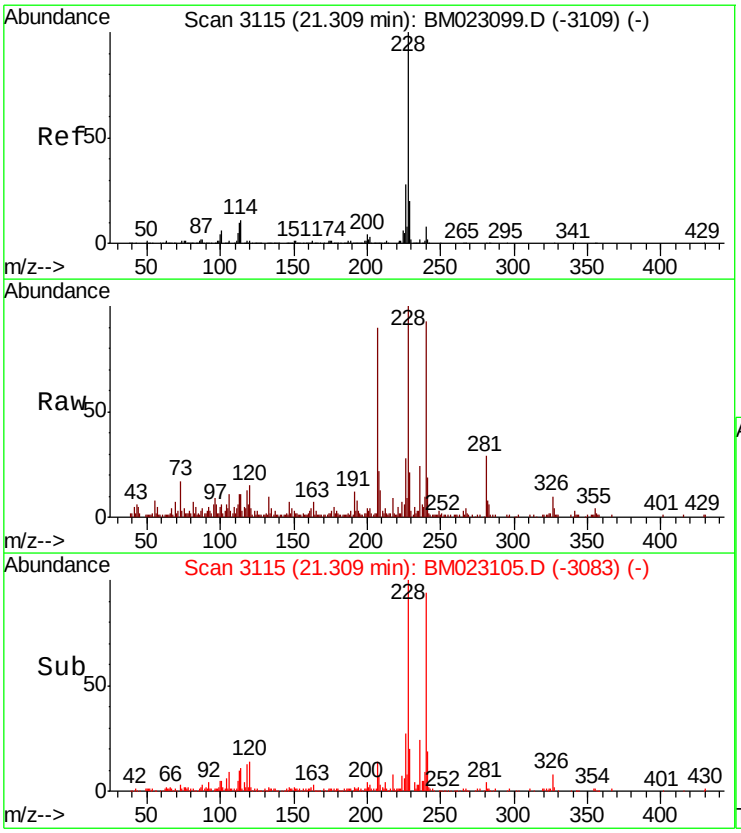
#80
Pyrene
Concen: 2.629 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion:202 Resp: 144730

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.7	14.5
100	9.4	7.8	11.8

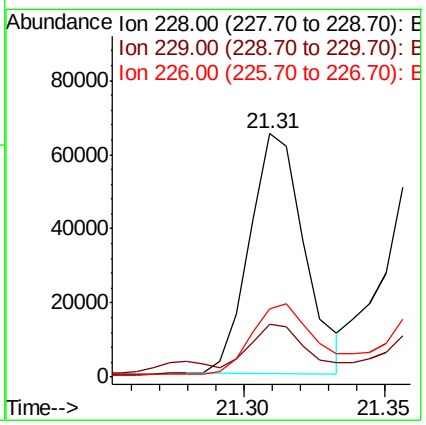


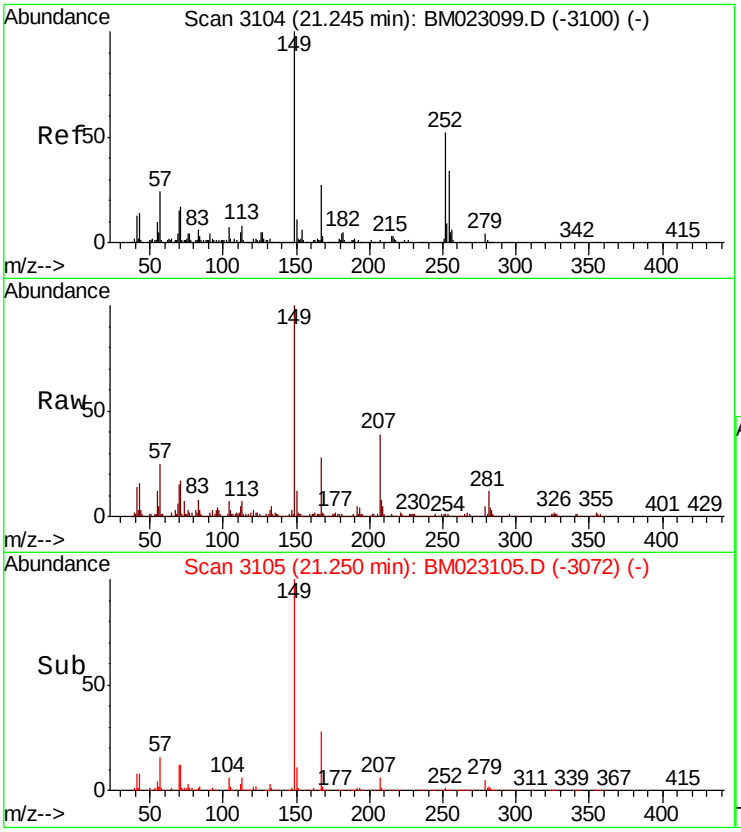


#83
Benzo(a)anthracene
Concen: 1.565 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion:228 Resp: 87233

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.0	22.4	33.6



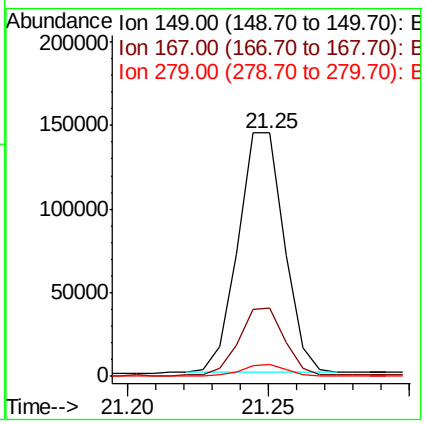


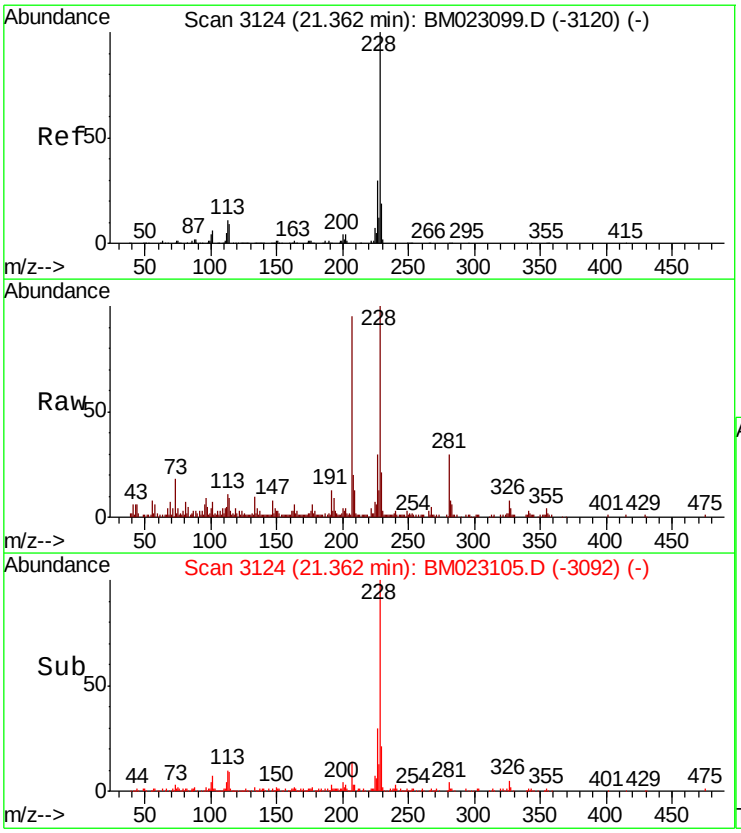
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.067 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion:149 Resp: 162985

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.8	3.3	4.9

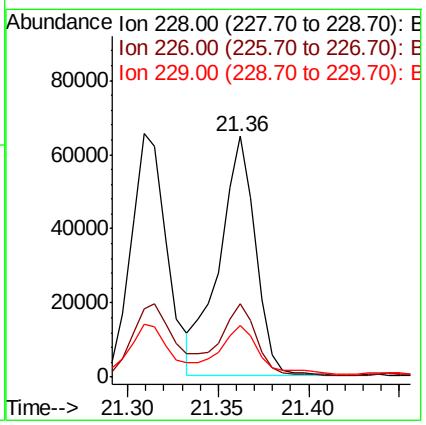


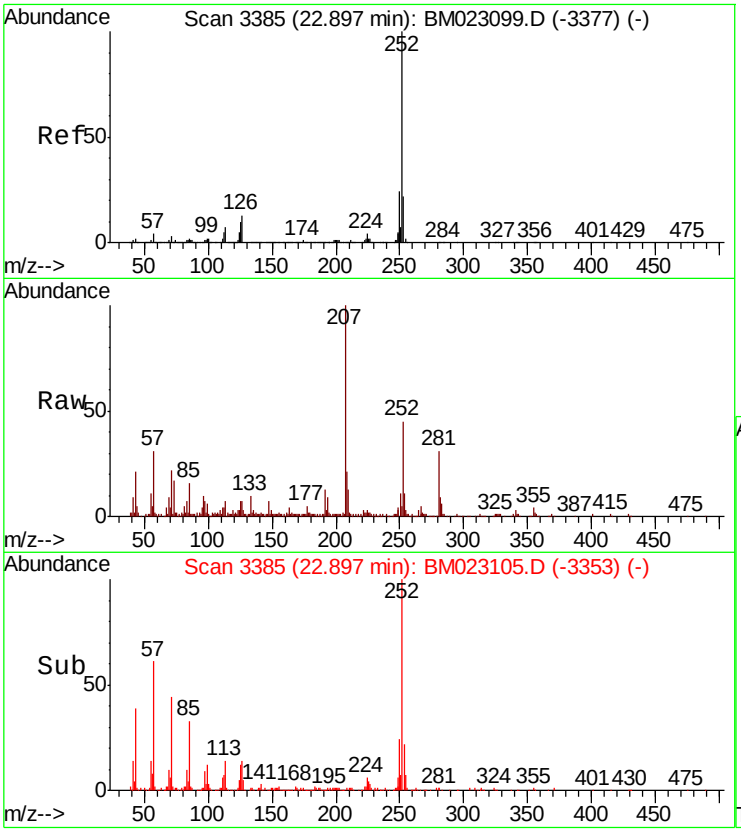


#85
Chrysene
Concen: 1.746 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion:228 Resp: 89747

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.5	15.9	23.9



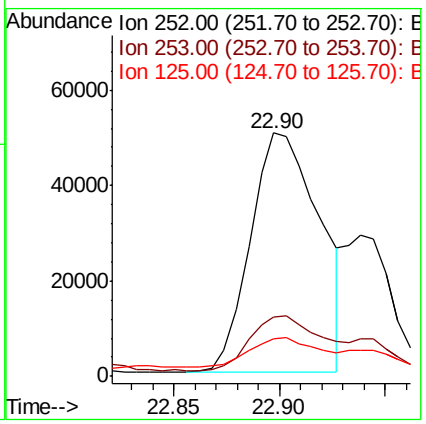


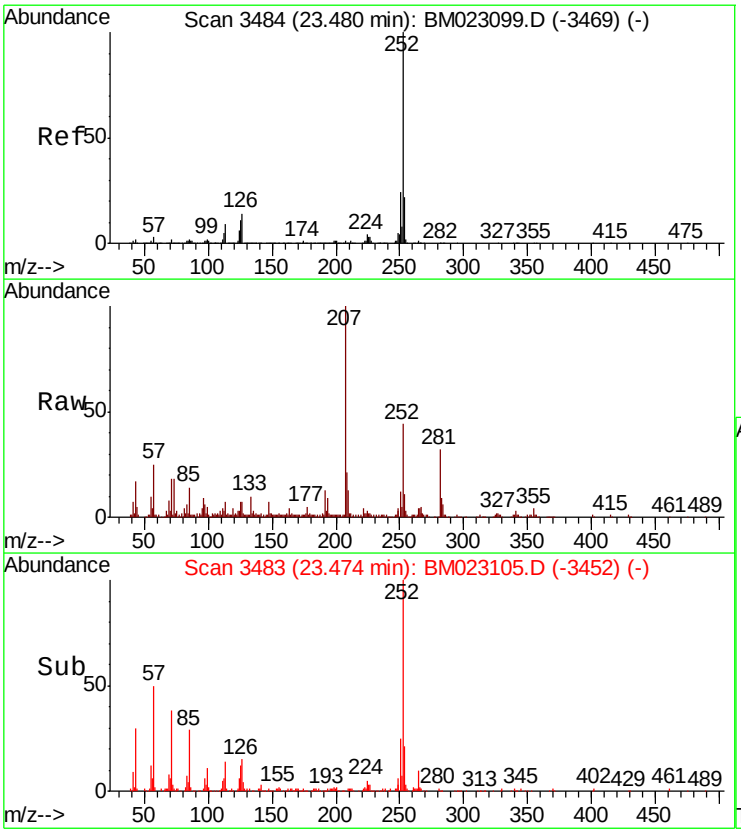
#88
Benzo(b)fluoranthene
Concen: 1.857 ng/ul
RT: 22.90 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion:252 Resp: 114026

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	15.6	8.2	12.2#

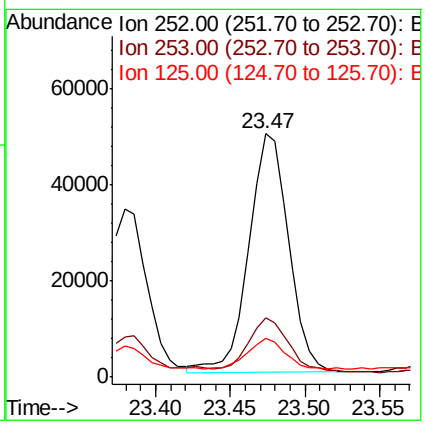


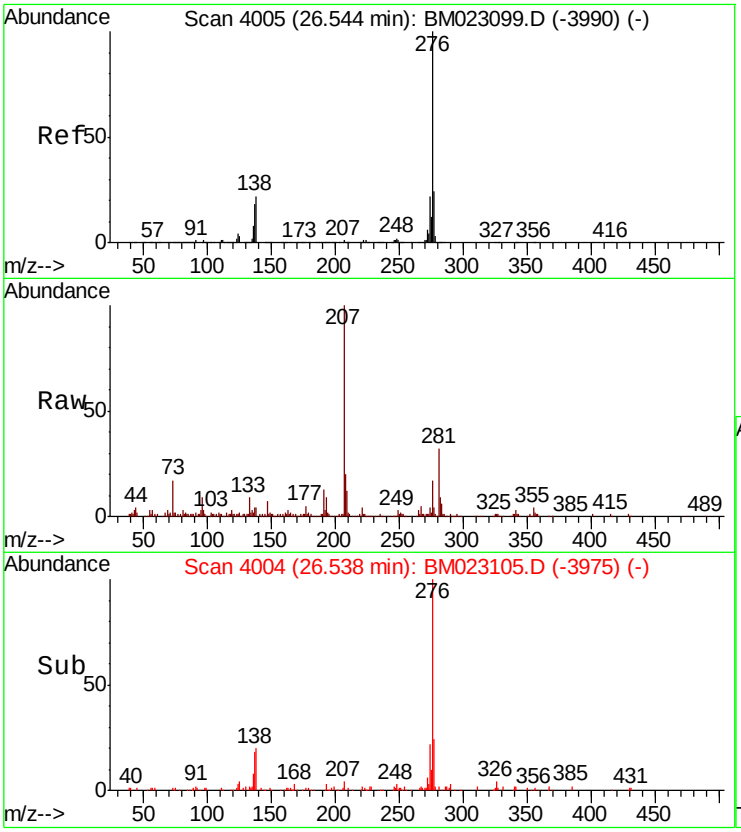


#91
Benzo(a)pyrene
Concen: 1.585 ng/ul
RT: 23.47 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion:252 Resp: 91312

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	16.1	8.7	13.1#





#94
Benzo(g,h,i)perylene
Concen: 1.191 ng/ul
RT: 26.54 min Scan# 4004
Delta R.T. -0.03 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampleId :
BEP97

Tgt Ion:276 Resp: 58788

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.6	26.4
277	25.7	19.1	28.7