Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023838.D
Acq On : 21 Nov 2019 20:31
Operator : JU
Sample : K5851-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB1

Quant Time: Nov 22 06:17:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	324004	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1315521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	806420	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1741657	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1718290	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2100291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25938	3.30	ng/uL	0.00
5) Phenol-d5	6.70	99	478004	16.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	275393	16.23	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	386594	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	330449	14.03	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	186605	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	207708	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	384322	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	423979	17.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1212071	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1427571	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	131570	12.26	ng/ul	0.00
58) Fluorene-d10	15.17	176	1092998	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	95093	9.44	ng/ul	0.00
71) Anthracene-d10	17.02	188	1713454	20.74	ng/ul	0.00
79) Pyrene-d10	19.33	212	1974976	22.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2379474	21.53	ng/ul	-0.01
Target Compounds						Qvalue
14) Acetophenone	8.33	105	84081	2.288	ng/ul	99
45) Dimethylphthalate	13.64	163	450569	7.311	ng/ul	99
70) Phenanthrene	16.96	178	196667	2.050	ng/ul	98
77) Fluoranthene	18.99	202	339434	3.303	ng/ul#	95
80) Pyrene	19.36	202	308406	2.777	ng/ul	98
81) Butylbenzylphthalate	20.28	149	57293	1.629	ng/ul	98
83) Benzo(a)anthracene	21.12	228	134958	1.191	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.07	149	106653	2.008	ng/ul	98
85) Chrysene	21.16	228	177084	1.660	ng/ul	96
88) Benzo(b)fluoranthene	22.64	252	257915	1.926	ng/ul#	91
91) Benzo(a)pyrene	23.19	252	158663	1.294	ng/ul#	85
94) Benzo(g,h,i)perylene	26.07	276	134339	1.265	ng/ul#	92

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

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Acq On : 21 Nov 2019 20:31
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

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Quant Title : SVOA CALIBRATION
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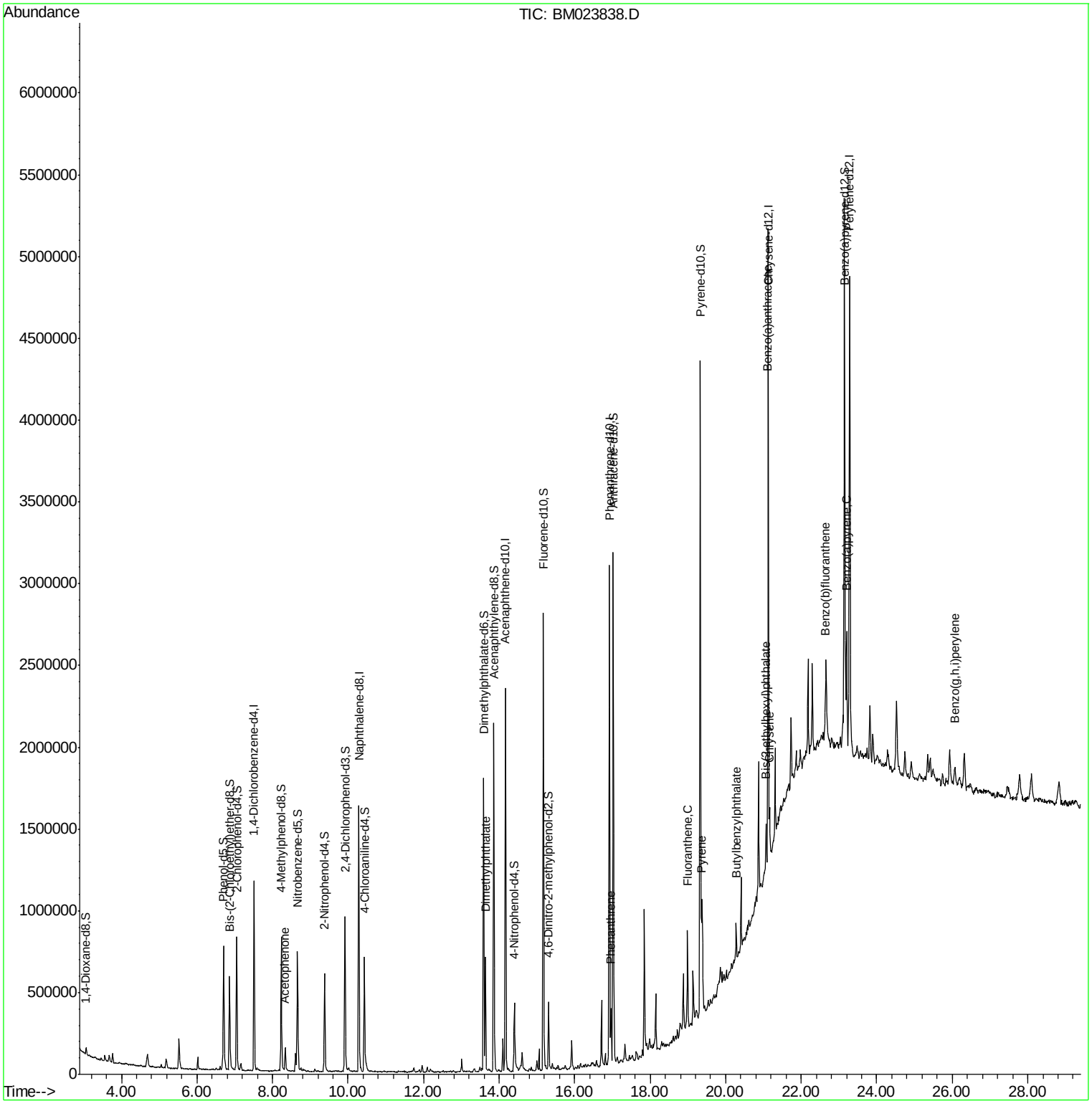
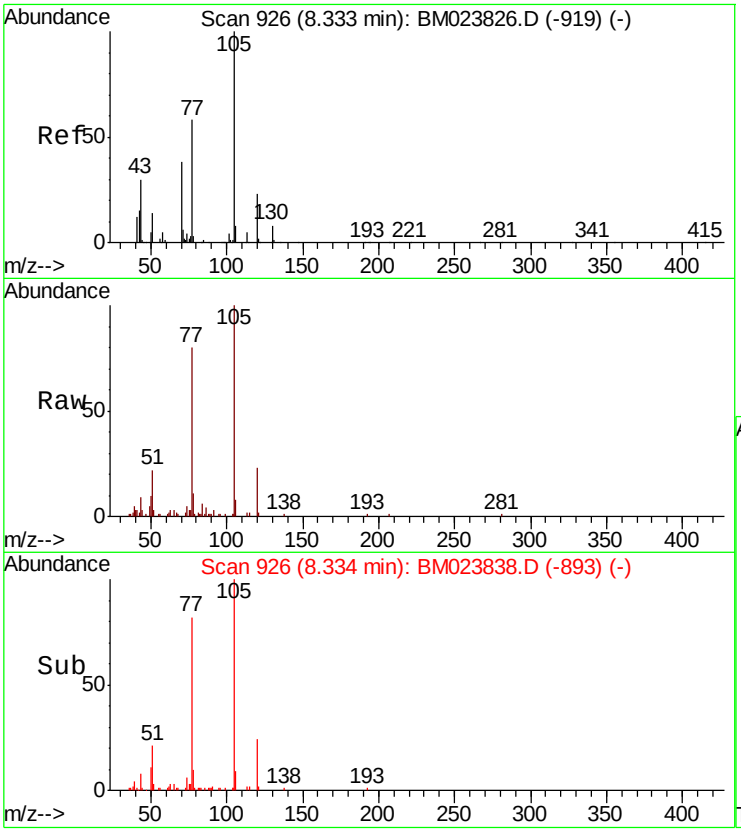


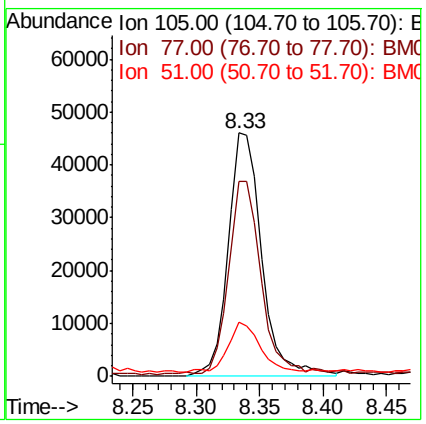


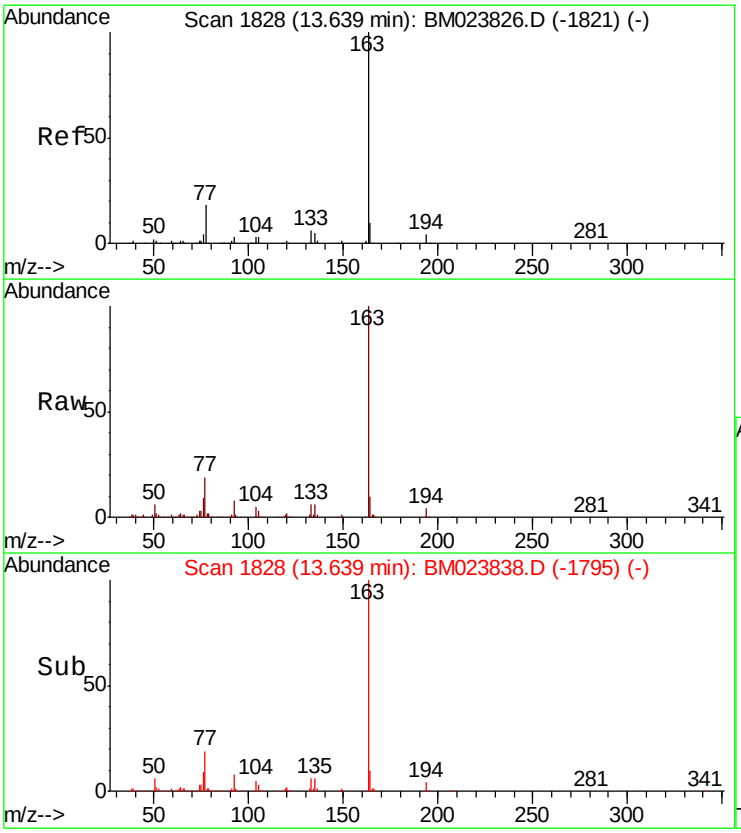
#14
Acetophenone
Concen: 2.288 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:105 Resp: 84081

Ion	Ratio	Lower	Upper
105	100		
77	80.0	63.8	95.6
51	22.0	16.3	24.5

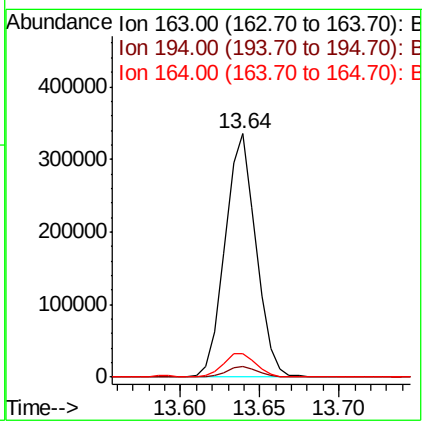


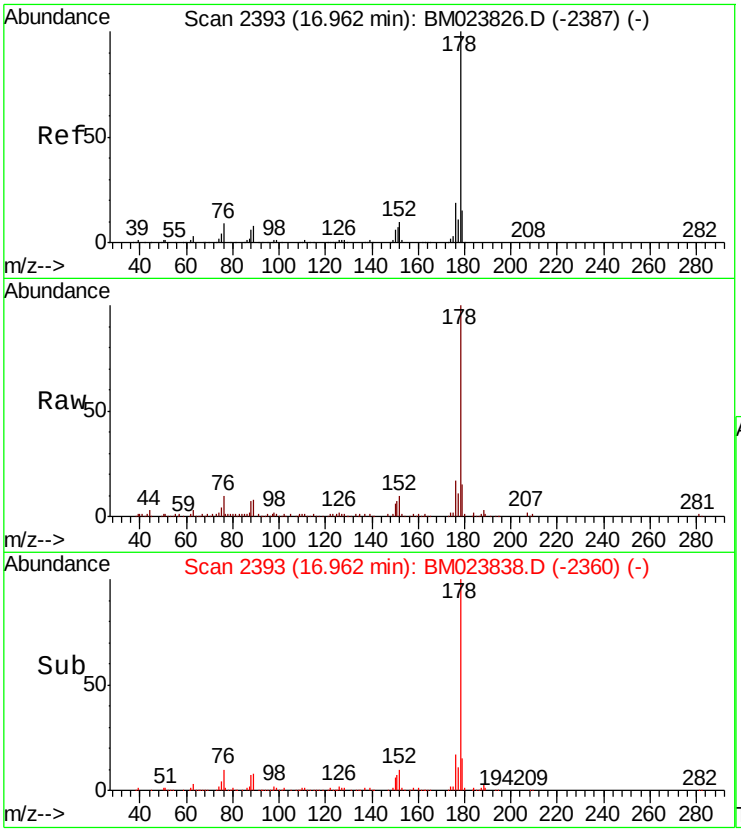


#45
Dimethylphthalate
Concen: 7.311 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:163 Resp: 450569

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.0	12.0



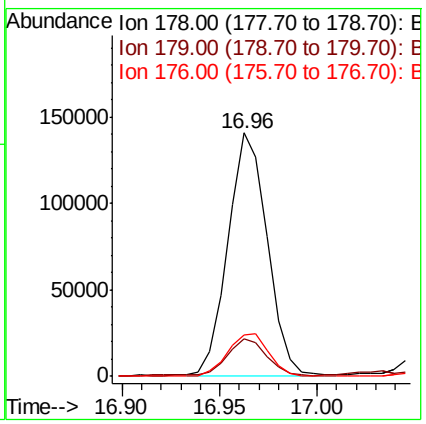


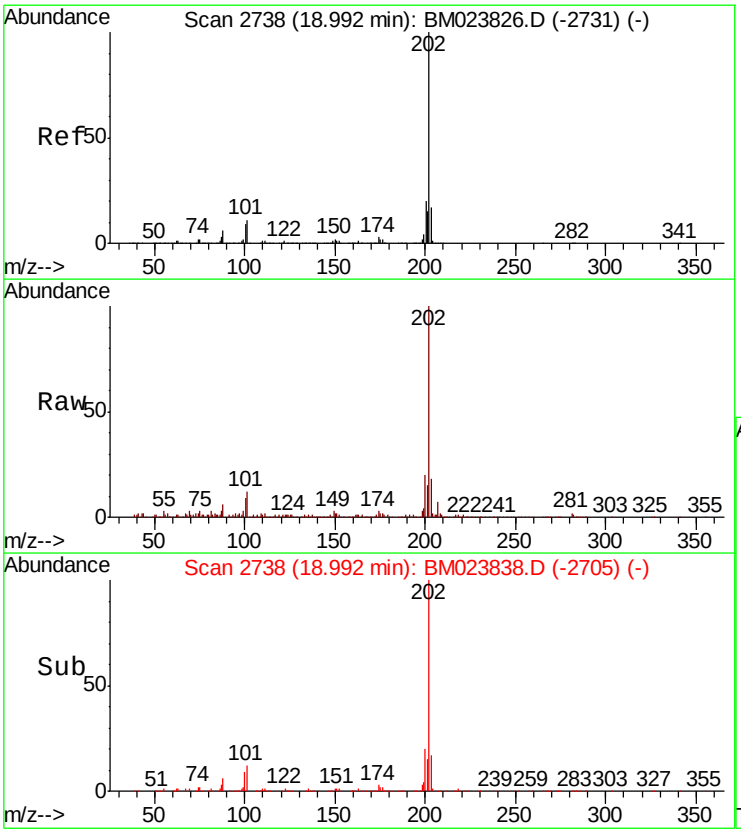
#70
Phenanthrene
Concen: 2.050 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:178 Resp: 196667

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.1	15.0	22.6

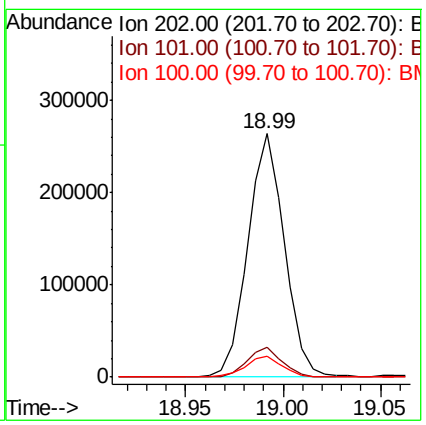


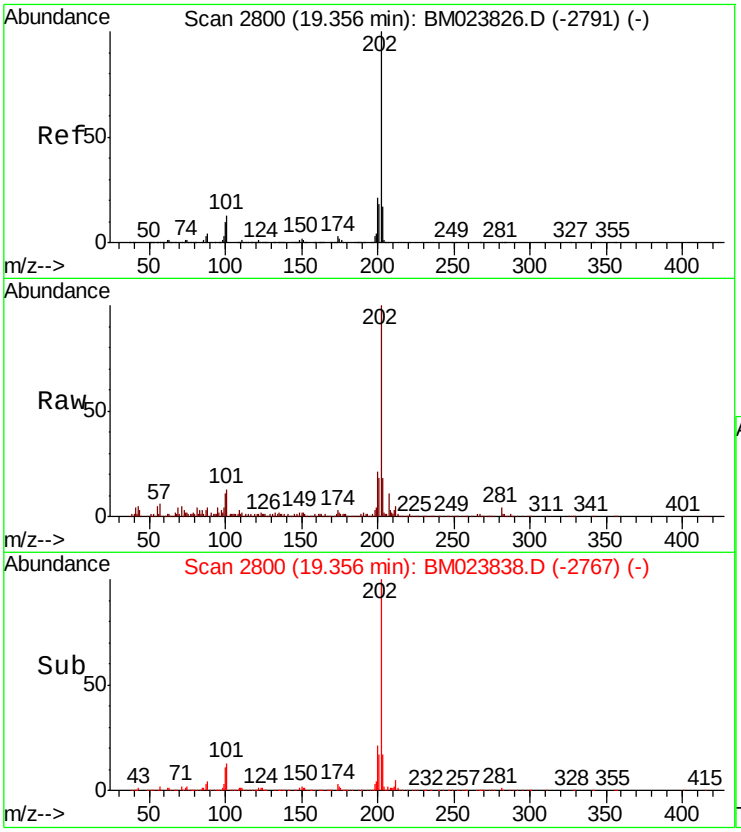


#77
Fluoranthene
Concen: 3.303 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:202 Resp: 339434

Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.7	11.5#
100	8.8	6.0	9.0



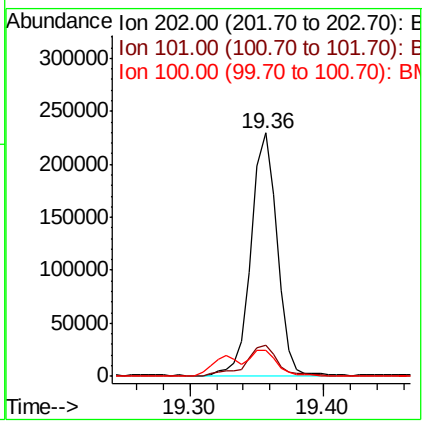


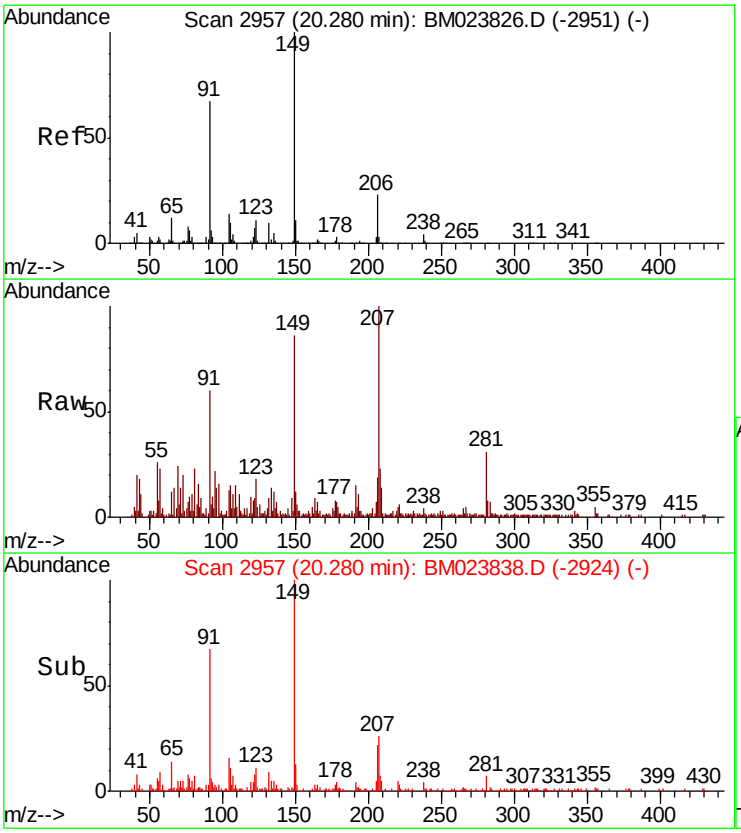
#80
Pyrene
Concen: 2.777 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:202 Resp: 308406

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.6
100	10.6	8.1	12.1

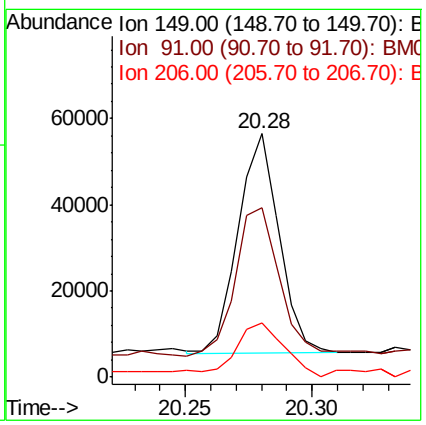


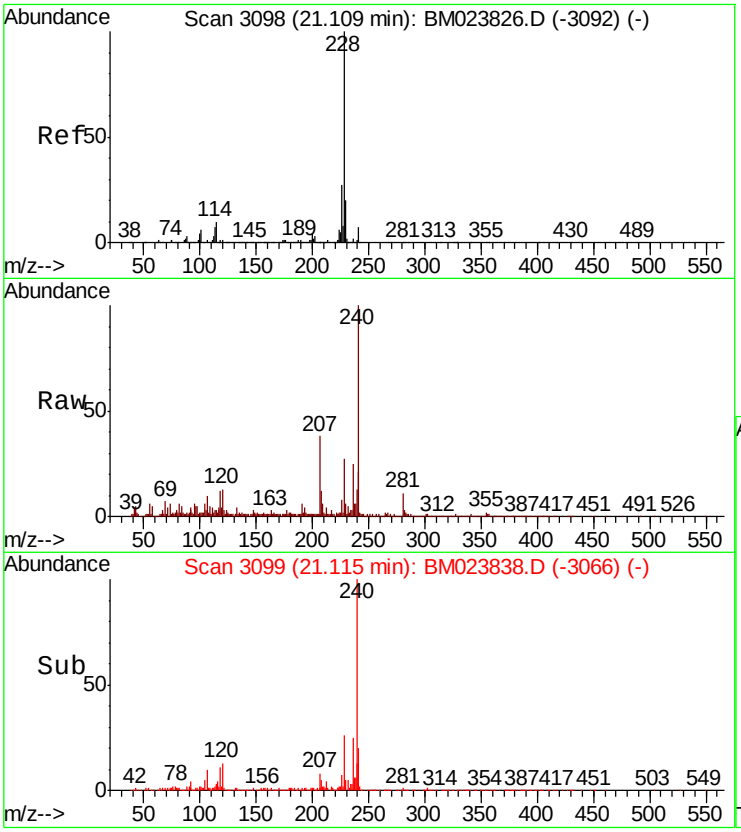


#81
Butylbenzylphthalate
Concen: 1.629 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:149 Resp: 57293

Ion	Ratio	Lower	Upper
149	100		
91	69.4	54.9	82.3
206	22.2	19.3	28.9



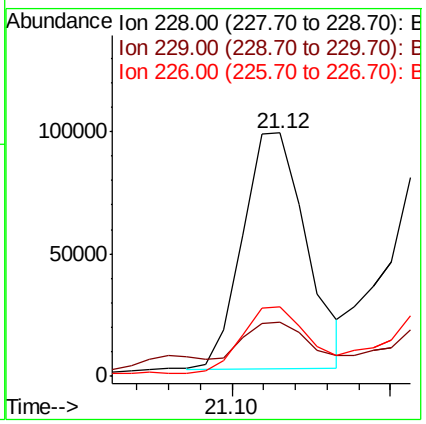


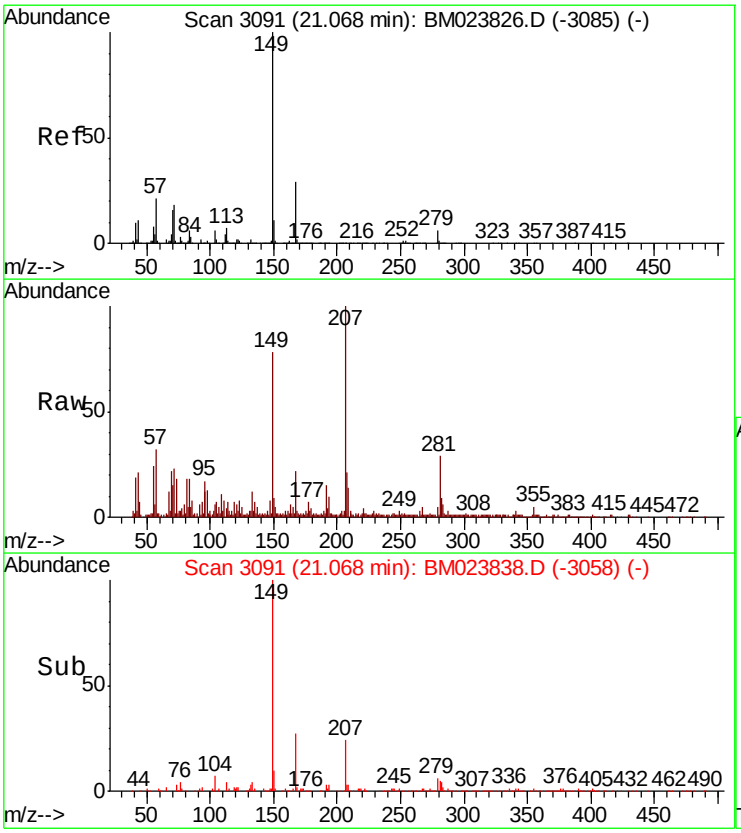
#83
Benzo(a)anthracene
Concen: 1.191 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:228 Resp: 134958

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	28.4	21.4	32.2

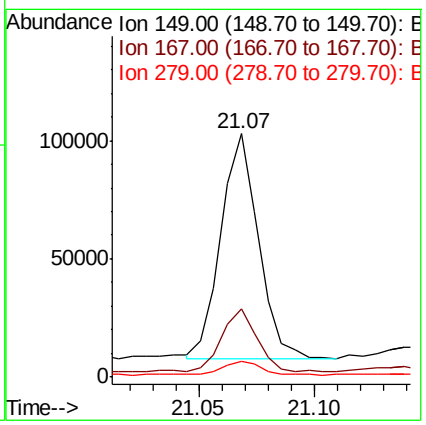


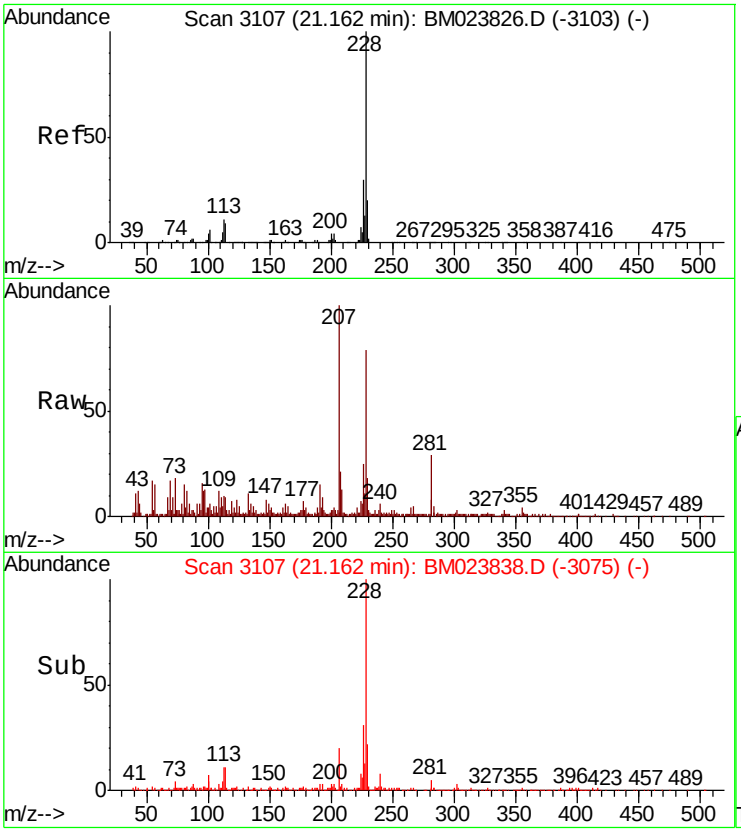


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.008 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:149 Resp: 106653

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.2
279	6.6	5.0	7.4



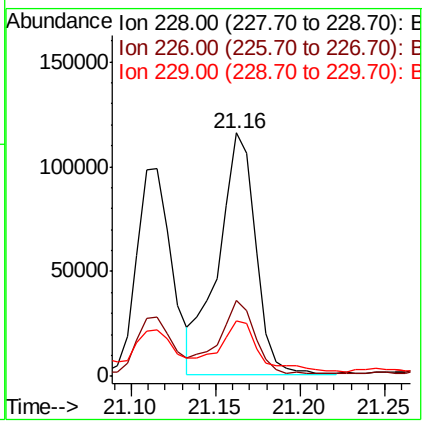


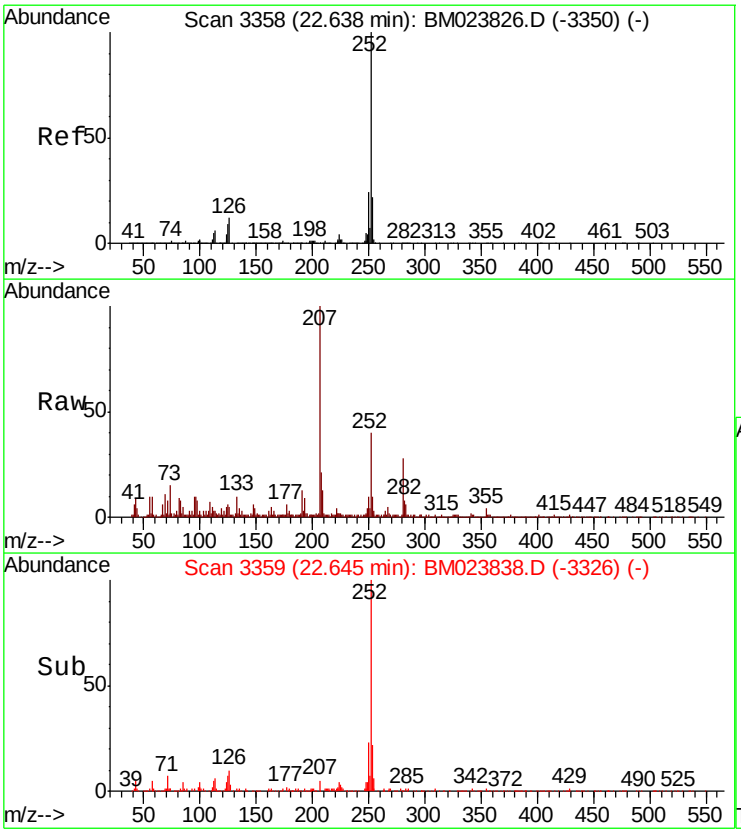
#85
Chrysene
Concen: 1.660 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:228 Resp: 177084

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	22.8	15.8	23.6

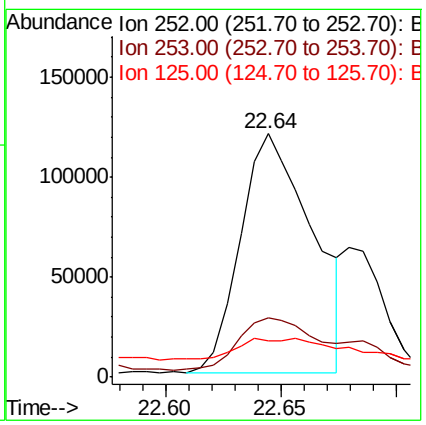


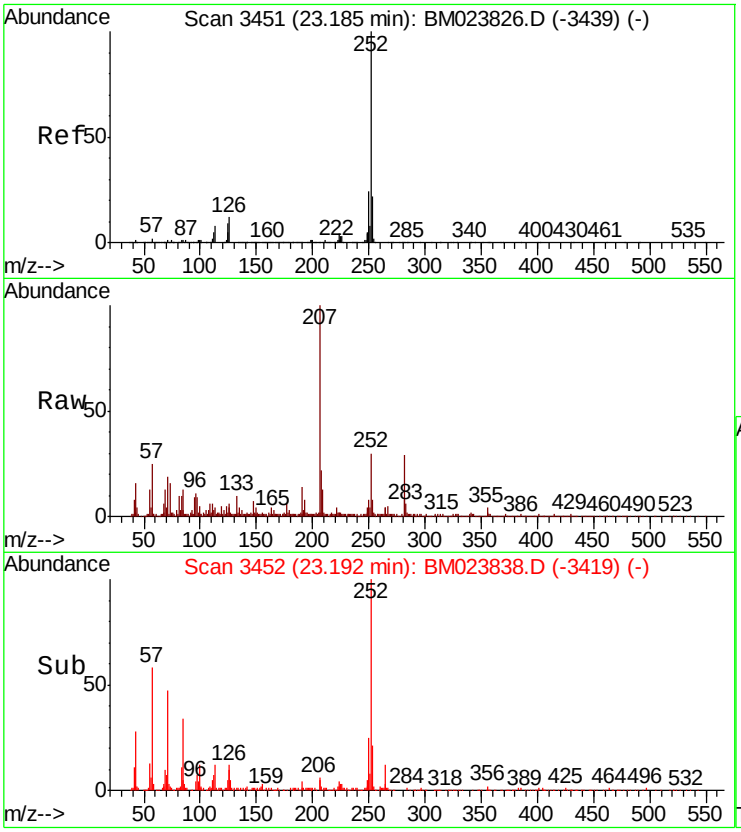


#88
Benzo(b)fluoranthene
Concen: 1.926 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:252 Resp: 257915

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	15.1	6.5	9.7#



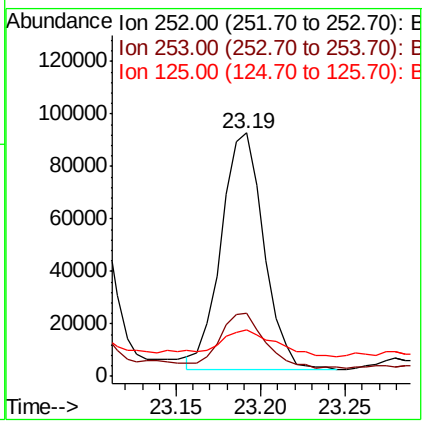


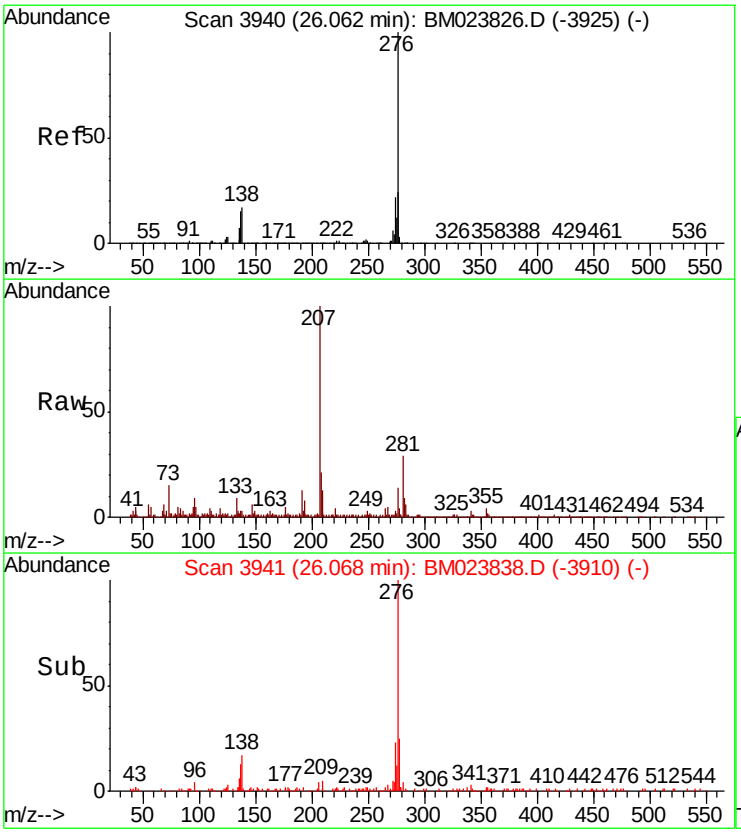
#91
Benzo(a)pyrene
Concen: 1.294 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :
C0AB1

Tgt Ion:252 Resp: 158663

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.3	25.9
125	19.3	6.9	10.3#





#94
Benzo(g,h,i)perylene
Concen: 1.265 ng/ul
RT: 26.07 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion:276 Resp: 134339

Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.2	19.8#
277	27.3	18.6	28.0