Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024346.D
Acq On : 28 Dec 2019 13:12
Operator : JU
Sample : K6278-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C53

Quant Time: Dec 29 01:11:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	215498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	974587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	596210	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1238118	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1207130	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1472521	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	13234	2.71	ng/uL	0.01
5) Phenol-d5	6.62	99	212124	10.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	161840	13.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	172227	11.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	150255	9.01	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	82611	11.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	88122	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	160681	10.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	151340	8.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	621298	14.09	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	628901	11.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	49664	6.27	ng/ul	0.02
58) Fluorene-d10	15.08	176	511496	13.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	52092	6.90	ng/ul	0.00
71) Anthracene-d10	16.93	188	735062	13.05	ng/ul	0.00
79) Pyrene-d10	19.24	212	832521	14.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	980678	13.41	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.65	94	32083	1.523	ng/ul#	86
45) Dimethylphthalate	13.55	163	80791	1.763	ng/ul	97
70) Phenanthrene	16.87	178	137978	1.991	ng/ul	99
77) Fluoranthene	18.91	202	336837	4.459	ng/ul	98
80) Pyrene	19.27	202	277148	3.517	ng/ul	100
83) Benzo(a)anthracene	21.04	228	163056	2.120	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.99	149	81651	1.765	ng/ul	99
85) Chrysene	21.09	228	178118	2.363	ng/ul	97
88) Benzo(b)fluoranthene	22.55	252	284141	3.225	ng/ul#	93
91) Benzo(a)pyrene	23.08	252	161123	2.021	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.27	276	119794	1.252	ng/ul	95
94) Benzo(g,h,i)perylene	25.90	276	99992	1.280	ng/ul	97

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

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Instrument : BNA_M
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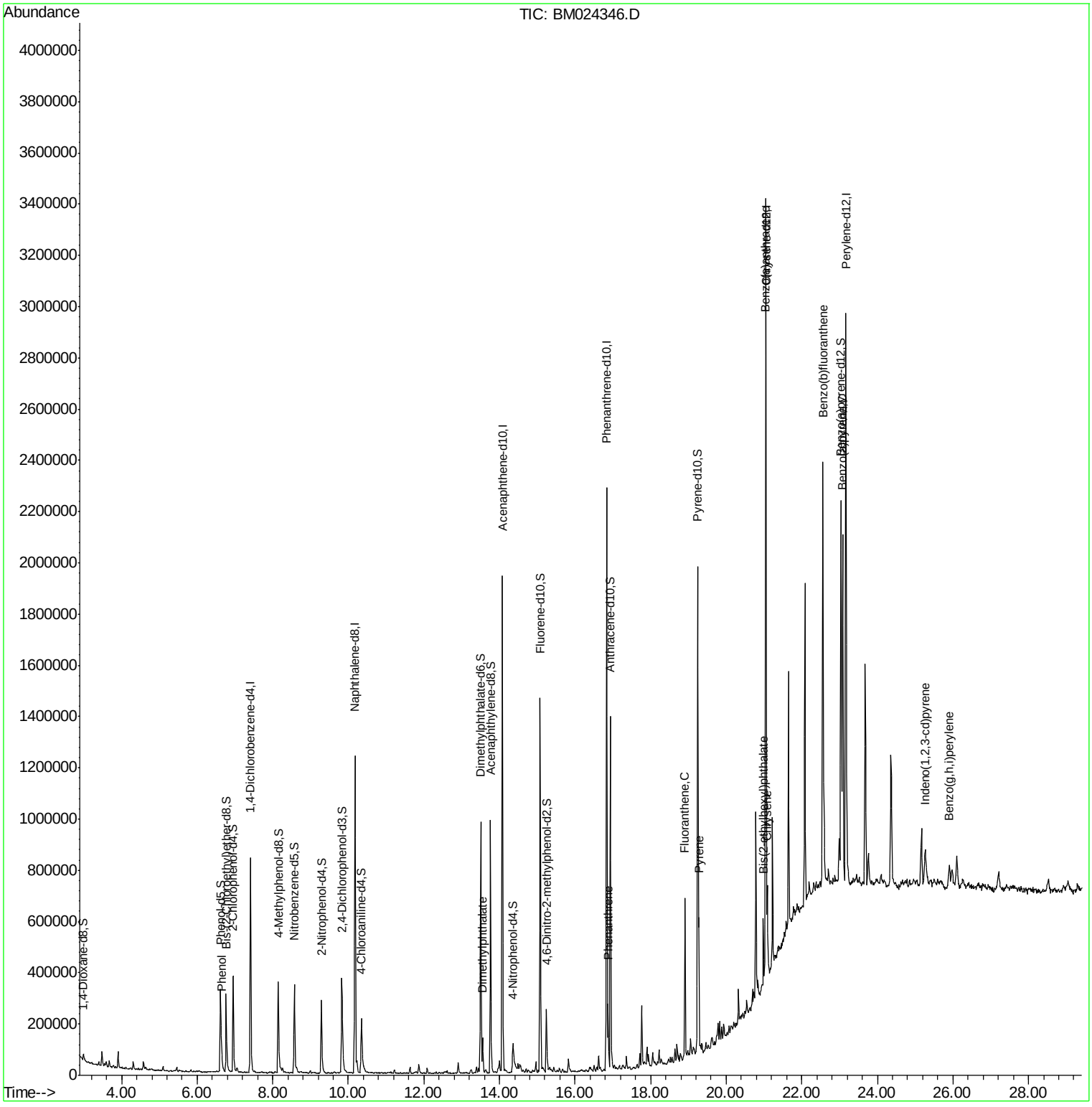
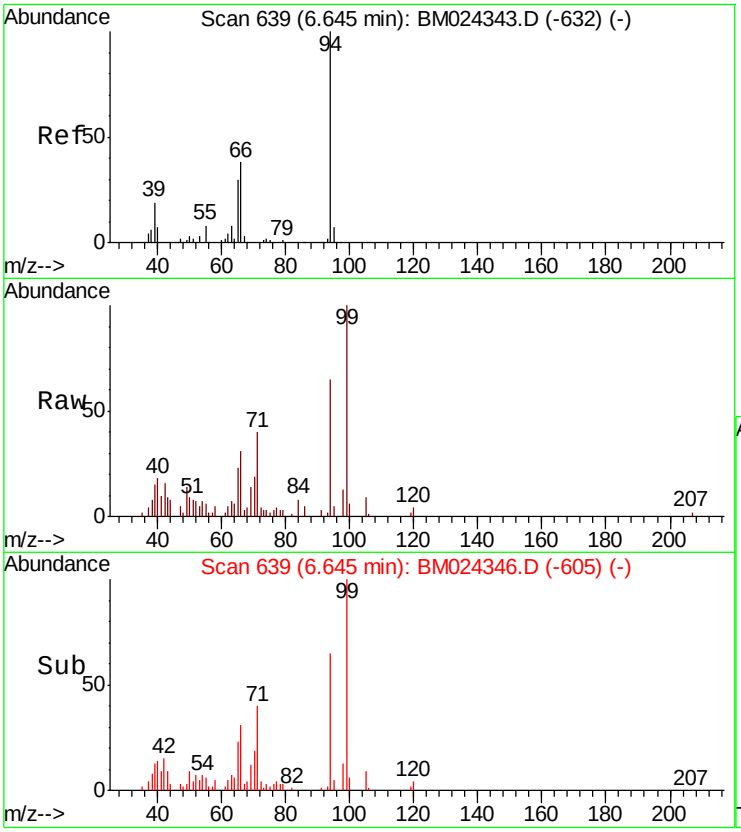
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration



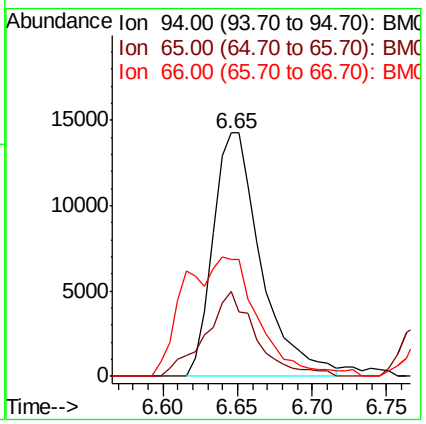


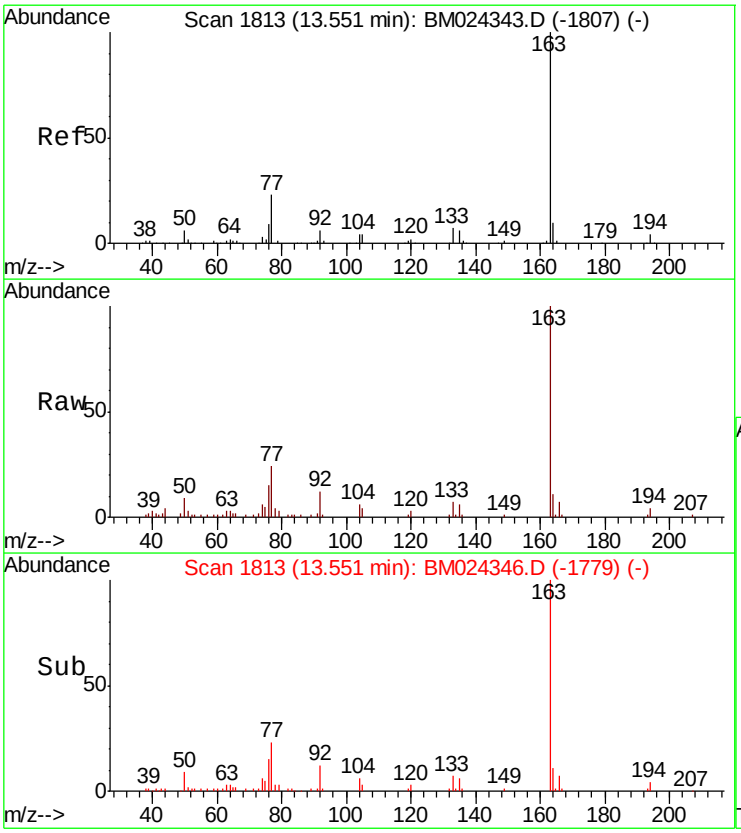
#6
Phenol
Concen: 1.523 ng/ul
RT: 6.65 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion: 94 Resp: 32083

Ion	Ratio	Lower	Upper
94	100		
65	34.8	22.6	33.8#
66	47.8	30.7	46.1#

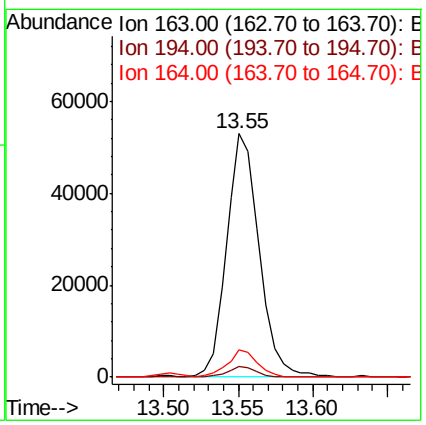


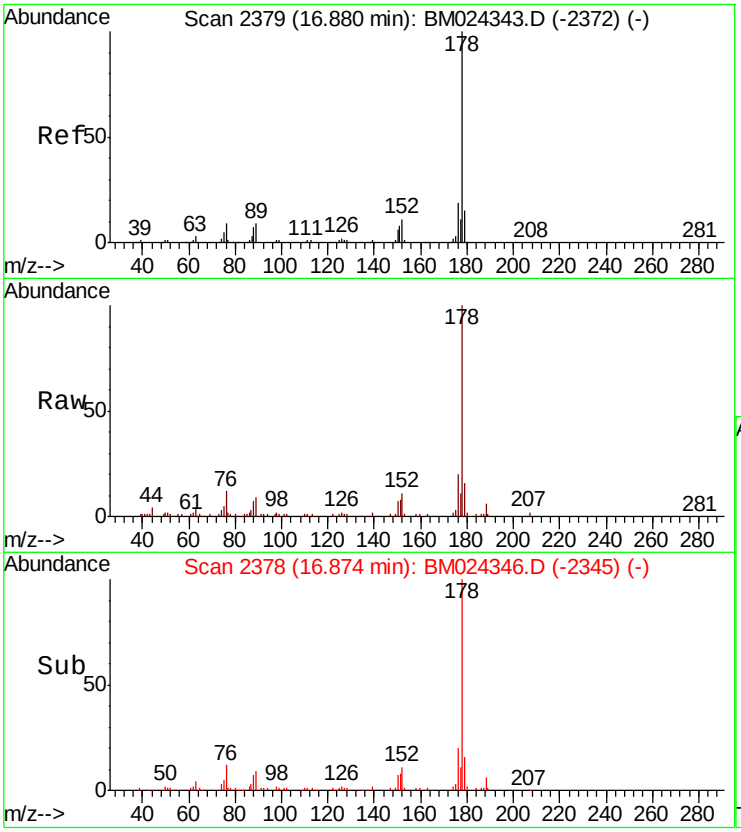


#45
Dimethylphthalate
Concen: 1.763 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:163 Resp: 80791

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.2	7.8	11.6



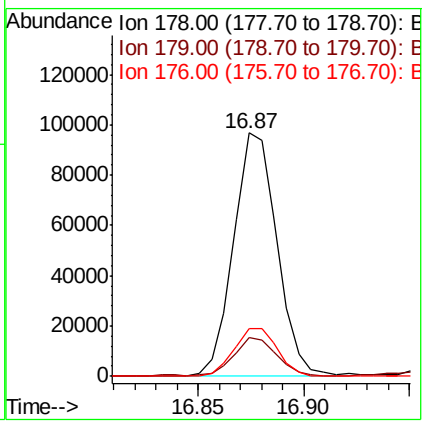


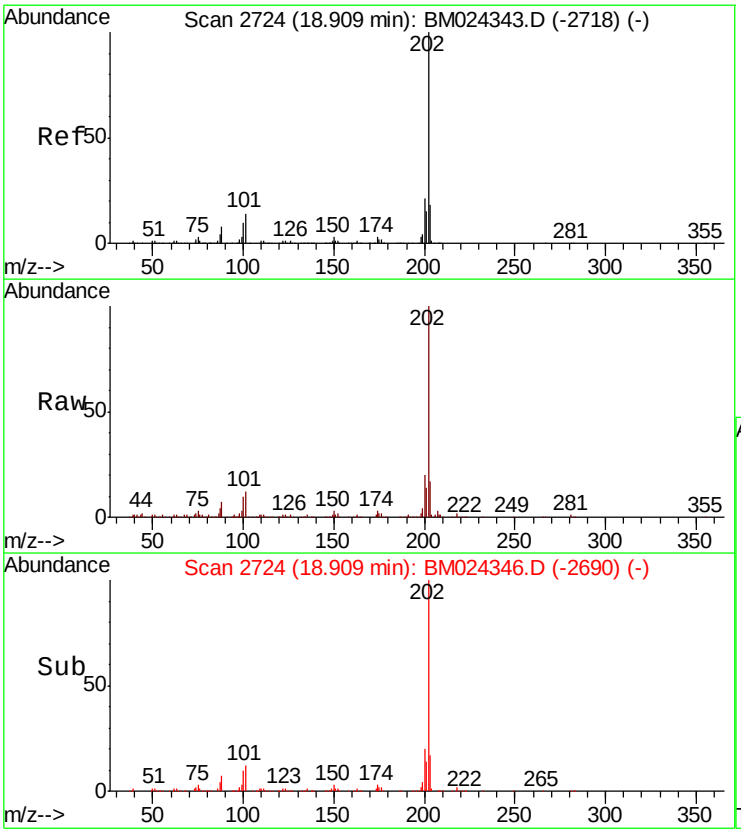
#70
Phenanthrene
Concen: 1.991 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion:178 Resp: 137978

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.9	15.1	22.7

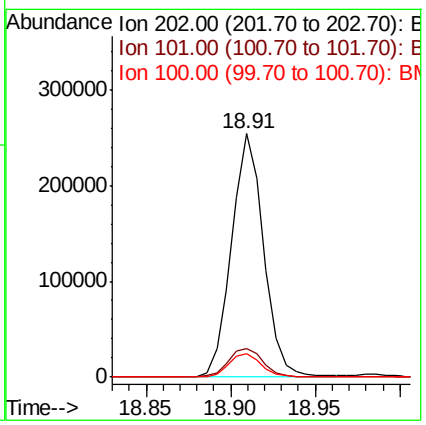


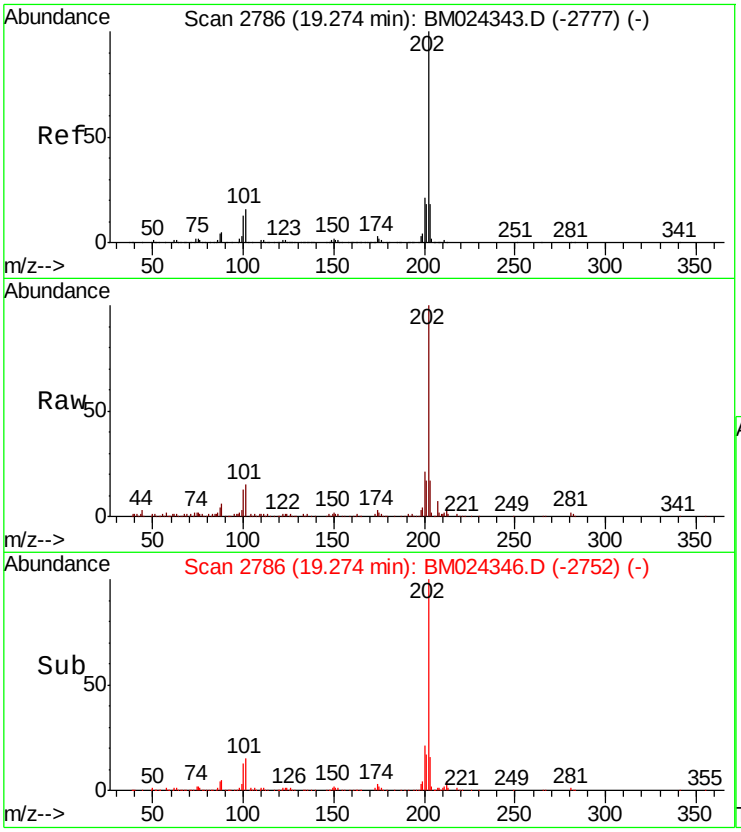


#77
Fluoranthene
Concen: 4.459 ng/ul
RT: 18.91 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:202 Resp: 336837

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	15.8
100	9.7	8.1	12.1



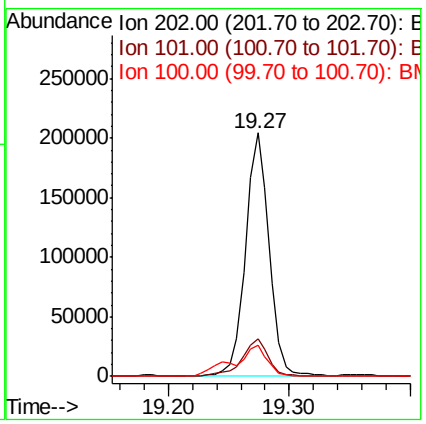


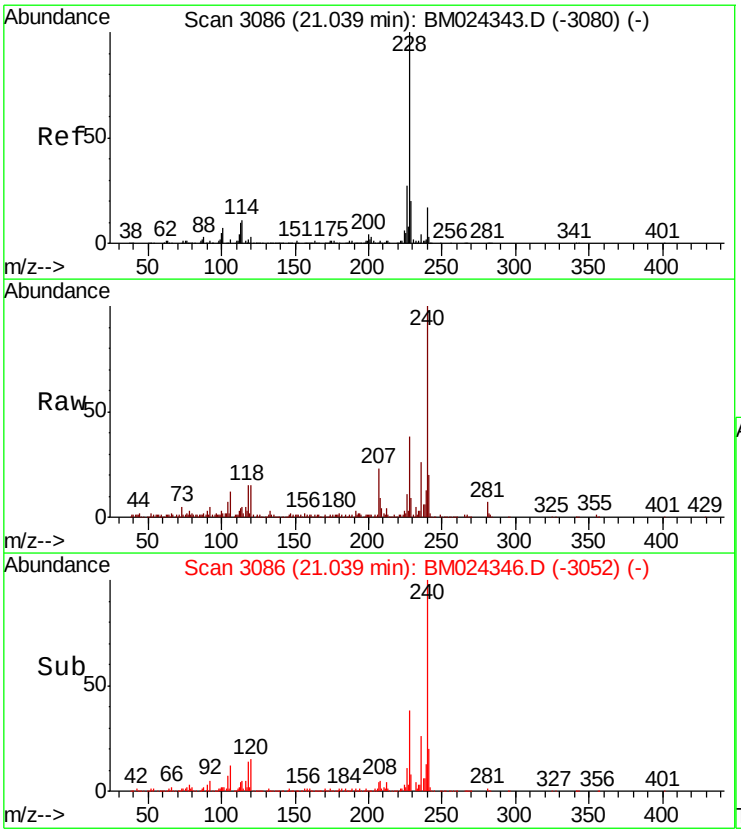
#80
Pyrene
Concen: 3.517 ng/ul
RT: 19.27 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion:202 Resp: 277148

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.9	10.0	15.0

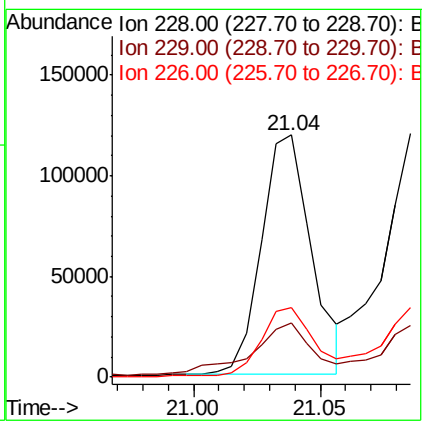


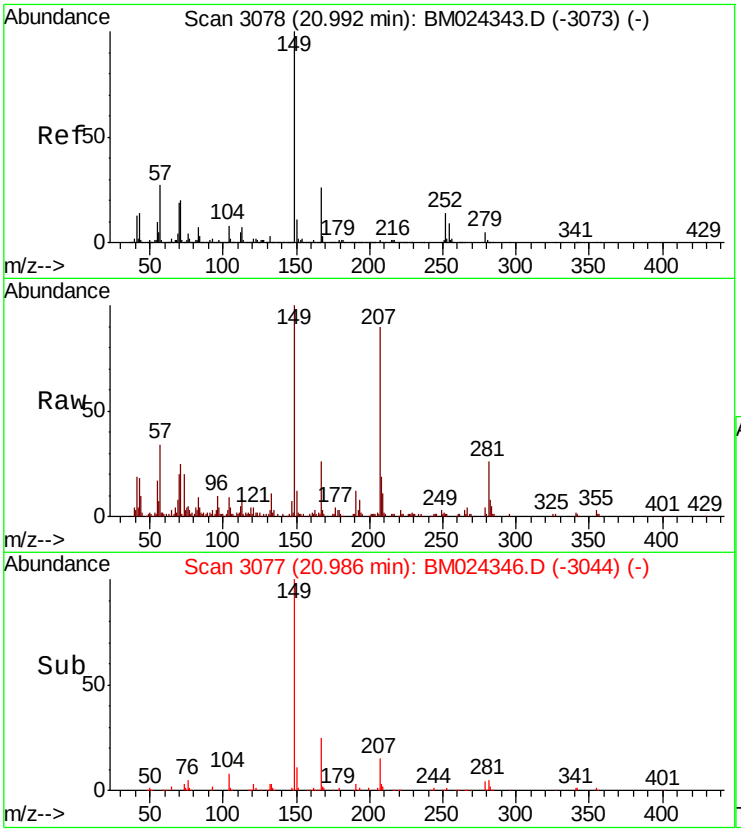


#83
Benzo(a)anthracene
Concen: 2.120 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:228 Resp: 163056

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	28.9	22.2	33.2



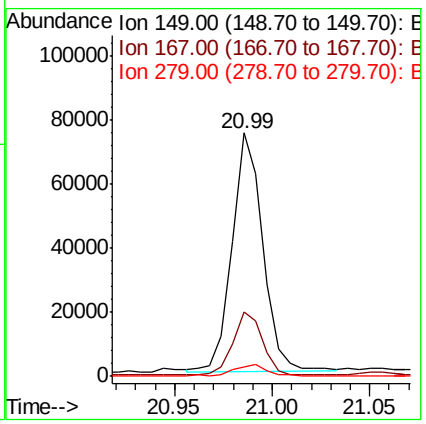


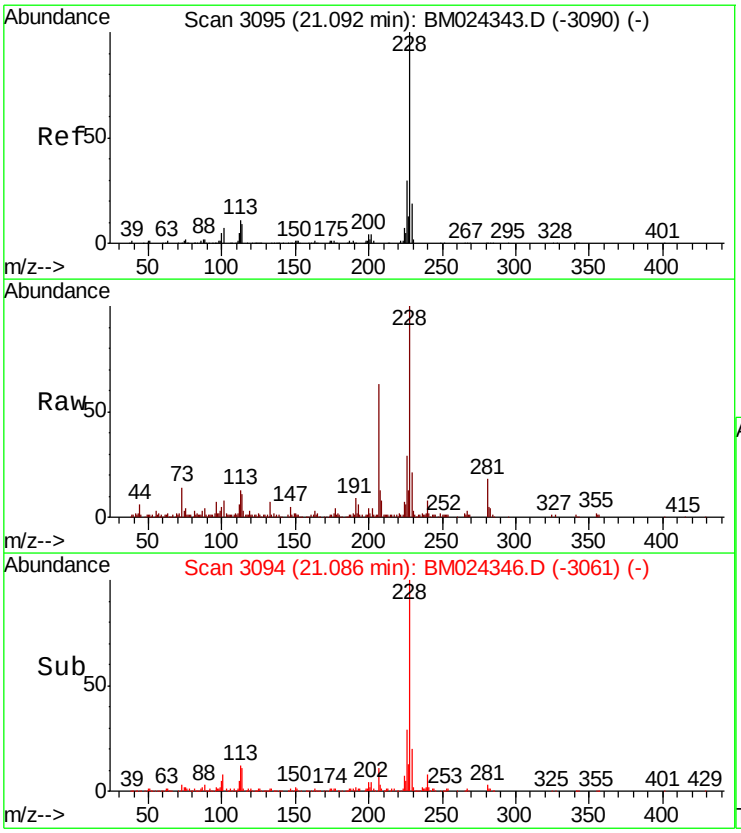
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.765 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion:149 Resp: 81651

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.9	3.7	5.5

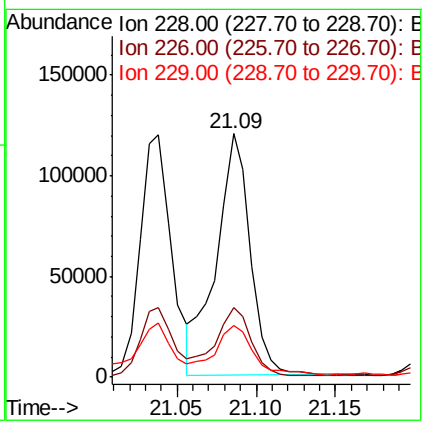


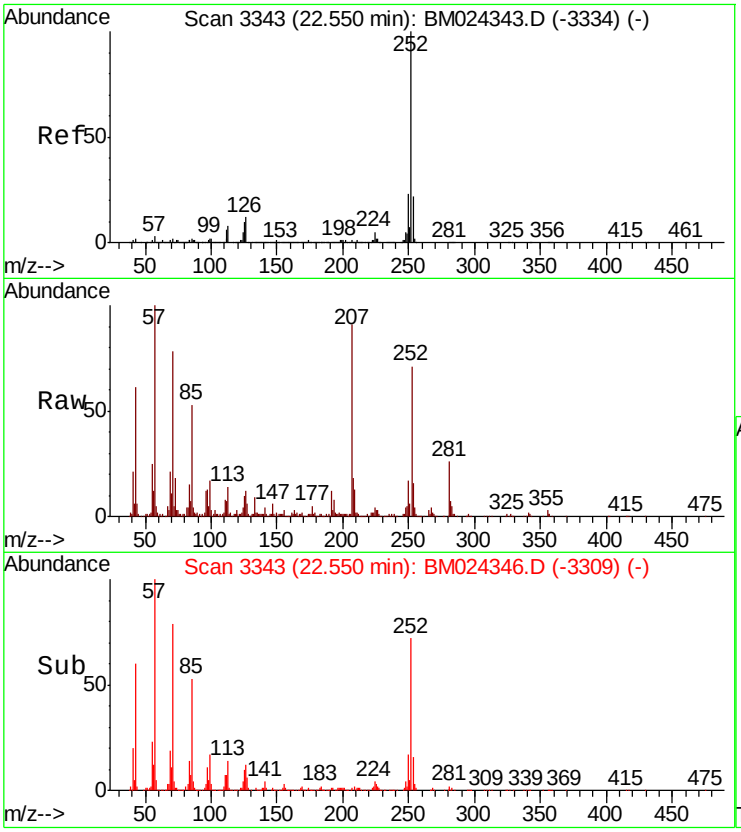


#85
Chrysene
Concen: 2.363 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:228 Resp: 178118

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.0	15.4	23.2



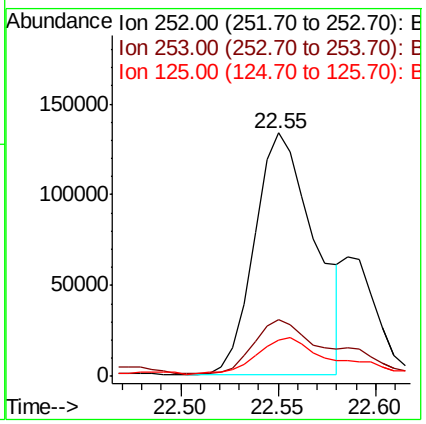


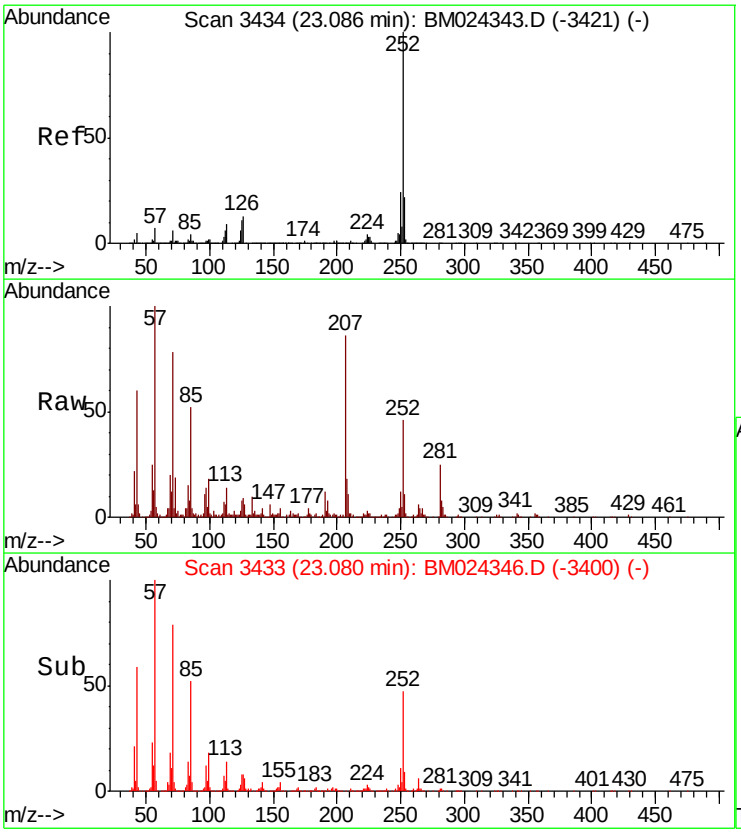
#88
Benzo(b)fluoranthene
Concen: 3.225 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion:252 Resp: 284141

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	14.7	7.8	11.8#

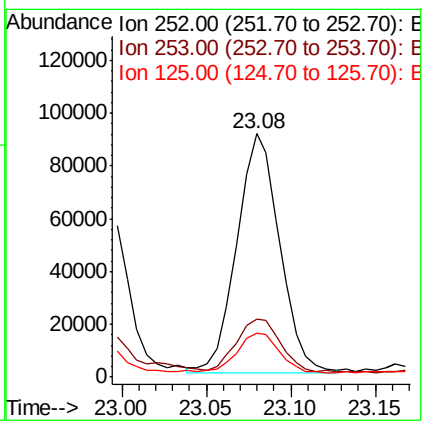


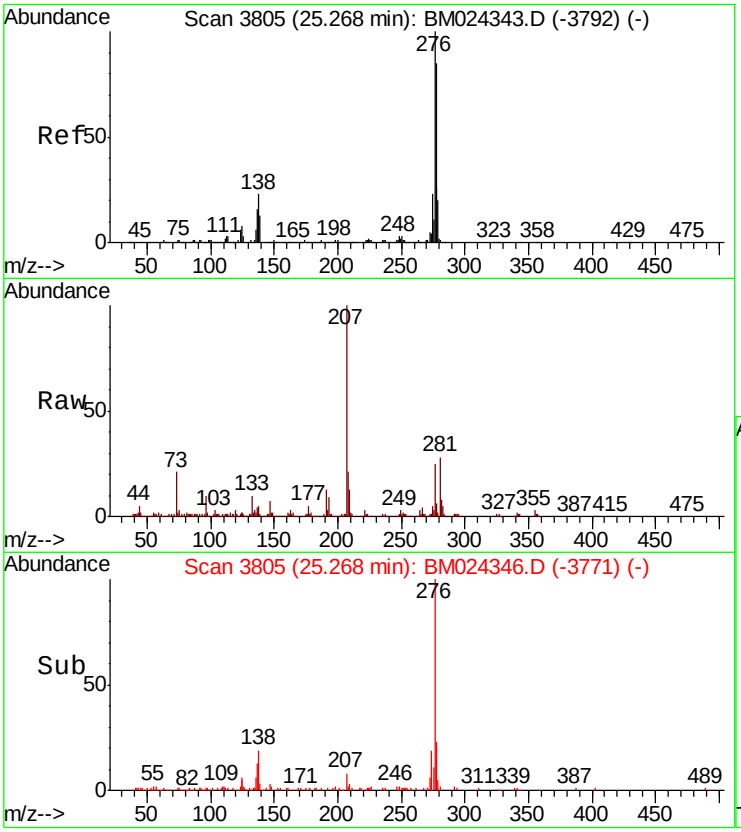


#91
Benzo(a)pyrene
Concen: 2.021 ng/ul
RT: 23.08 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:252 Resp: 161123

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	18.2	8.2	12.4#



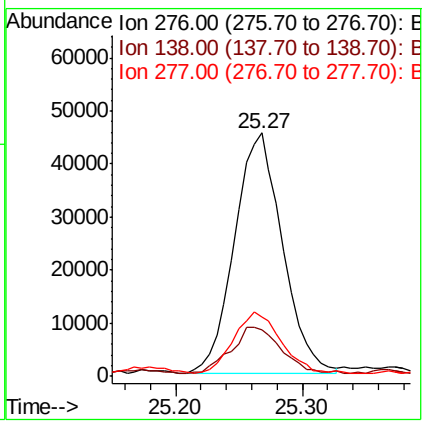


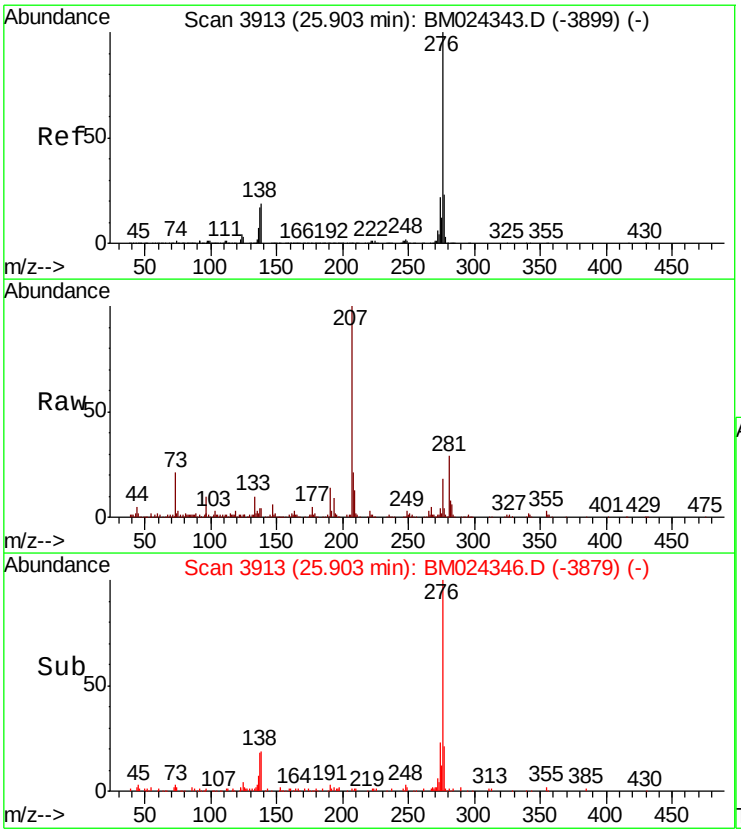
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.252 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Instrument :
BNA_M
ClientSampleId :
C0C53

Tgt Ion:276 Resp: 119794

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.3	27.5
277	24.3	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.280 ng/ul
RT: 25.90 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM024346.D
Acq: 28 Dec 2019 13:12

Tgt Ion:276 Resp: 99992

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.3	22.9
277	22.2	19.3	28.9