Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024348.D
Acq On : 28 Dec 2019 14:24
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 29 00:52:49 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	210996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	928074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	543874	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1084782	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1074866	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1356162	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	21409	4.48	ng/uL	0.00
5) Phenol-d5	6.62	99	374898	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	259228	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	294364	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	277899	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	133568	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	144066	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	267048	18.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	96001	5.55	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	808903	20.11	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	951161	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	68984	9.55	ng/ul	0.02
58) Fluorene-d10	15.08	176	706743	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	49491	7.48	ng/ul	0.00
71) Anthracene-d10	16.93	188	988177	20.02	ng/ul	0.00
79) Pyrene-d10	19.24	212	1080140	21.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1310751	19.46	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.64	94	57274	2.776	ng/ul	94
28) Naphthalene	10.23	128	100870	2.074	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	119319	3.432	ng/ul	100
35) 1-Methylnaphthalene	12.08	142	92041	2.594	ng/ul#	97
45) Dimethylphthalate	13.55	163	82328	1.970	ng/ul	97
54) Dibenzofuran	14.49	168	50139	1.025	ng/ul	92
70) Phenanthrene	16.88	178	209051	3.442	ng/ul	93
77) Fluoranthene	18.92	202	115619	1.747	ng/ul	96
80) Pyrene	19.28	202	100259	1.429	ng/ul	98
85) Chrysene	21.09	228	124883	1.860	ng/ul#	68
88) Benzo(b)fluoranthene	22.56	252	107446	1.324	ng/ul#	1
89) Benzo(k)fluoranthene	22.56	252	107446	1.350	ng/ul#	1

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

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Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 29 00:52:49 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
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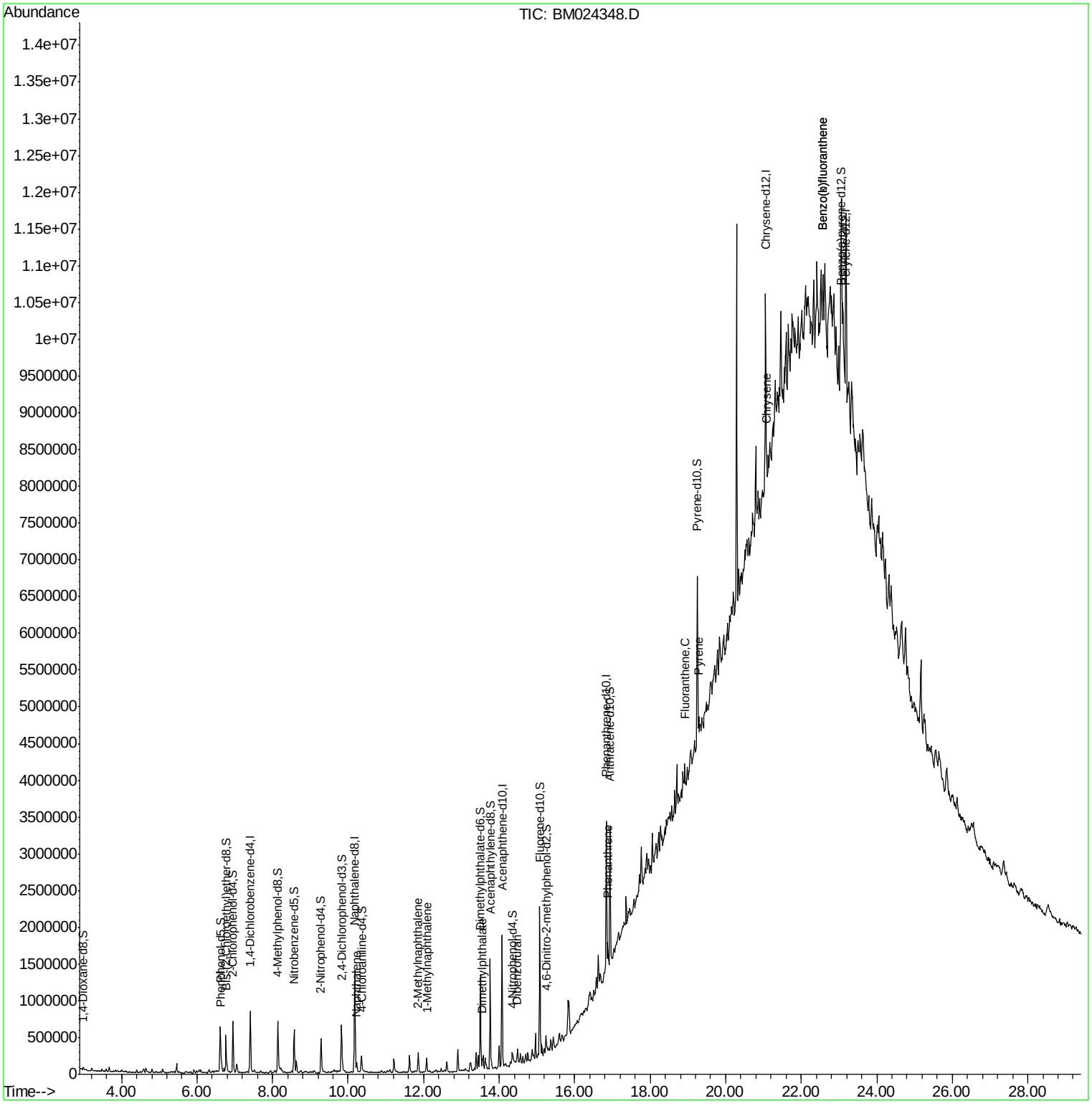
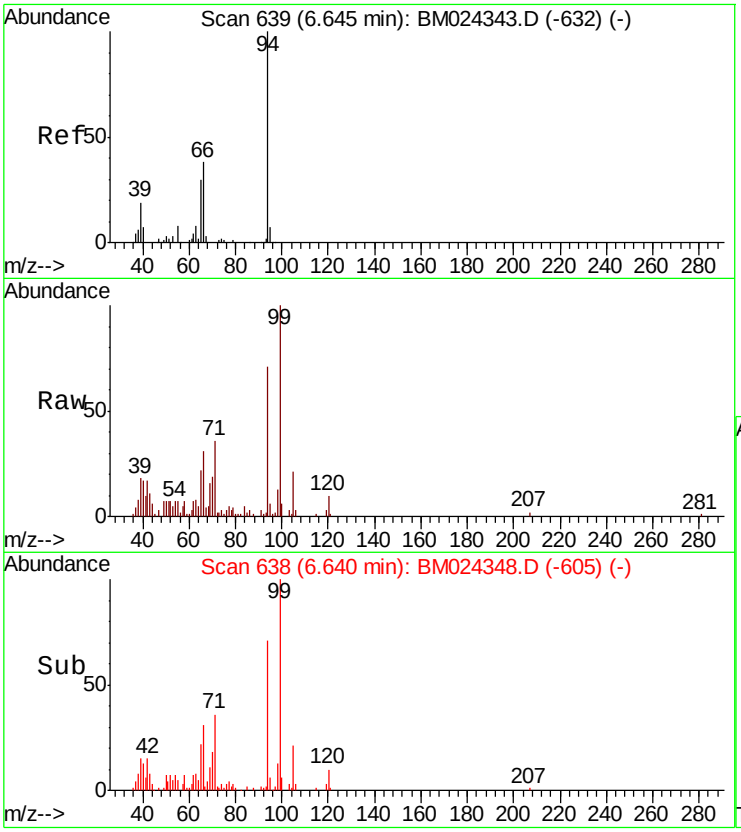


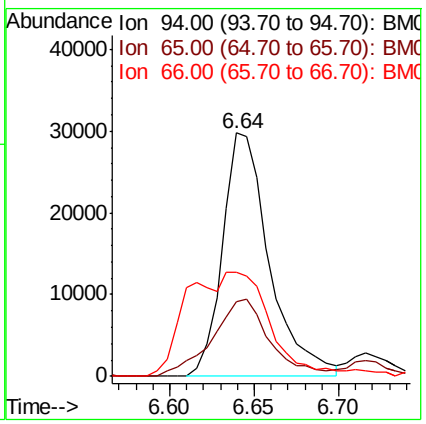


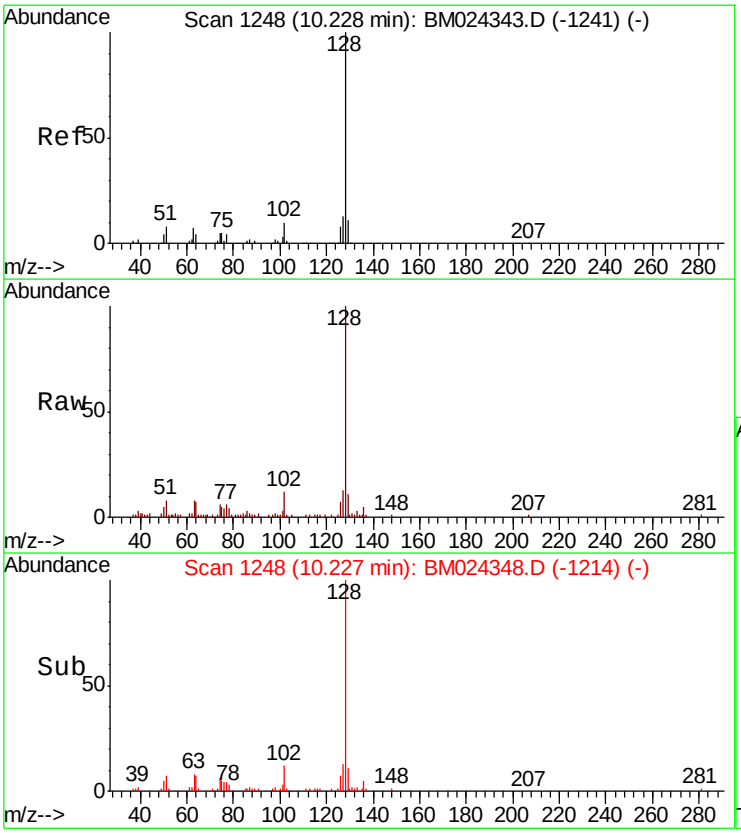
#6
Phenol
Concen: 2.776 ng/ul
RT: 6.64 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 57274

Ion	Ratio	Lower	Upper
94	100		
65	30.8	22.6	33.8
66	42.9	30.7	46.1

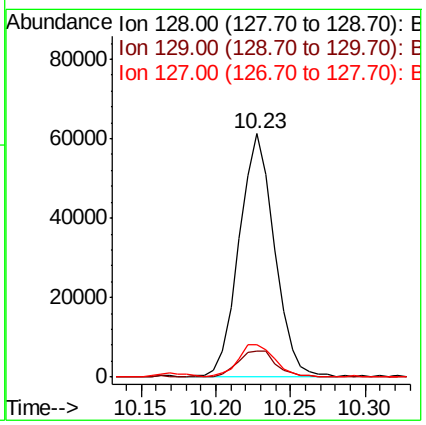


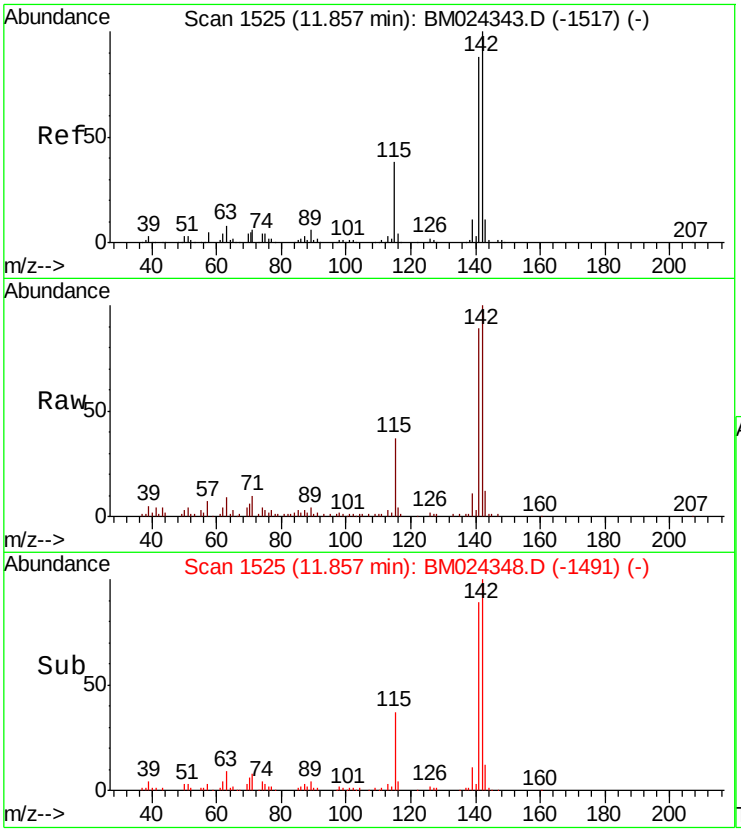


#28
Naphthalene
Concen: 2.074 ng/ul
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:128 Resp: 100870

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.3	15.5



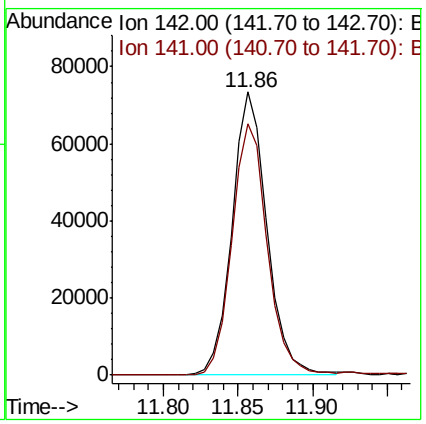


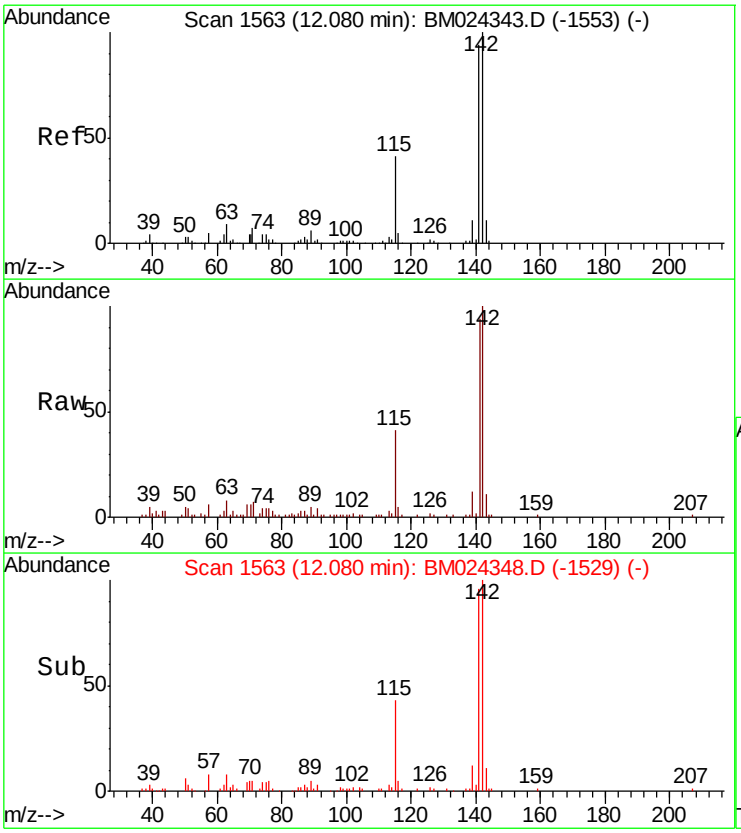
#34
2-Methylnaphthalene
Concen: 3.432 ng/ul
RT: 11.86 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 119319

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

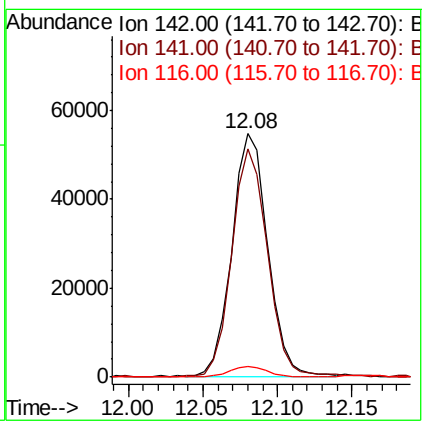


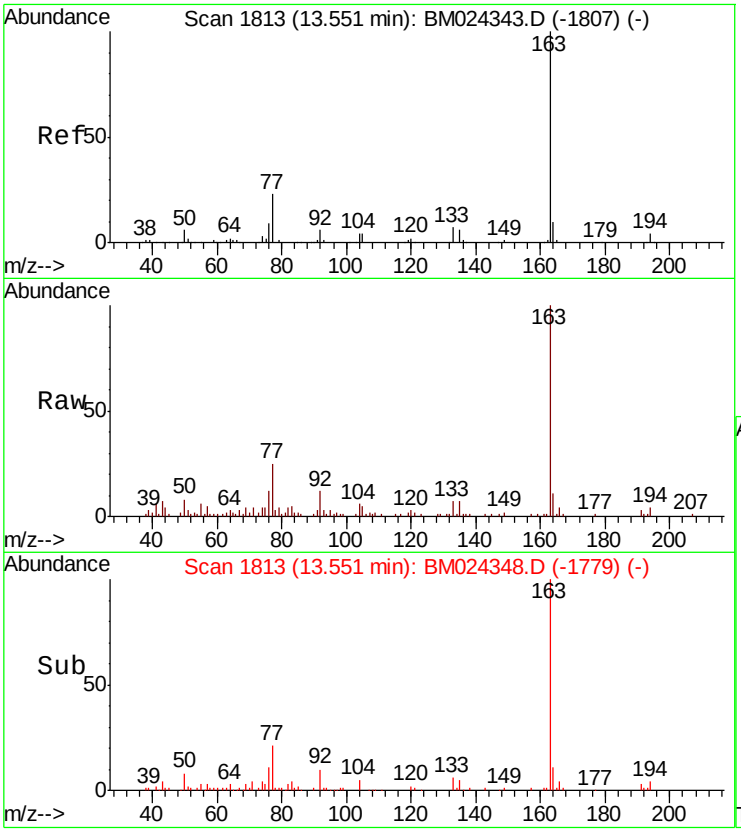


#35
1-Methylnaphthalene
Concen: 2.594 ng/ul
RT: 12.08 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:142 Resp: 92041

Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.7	109.1
116	4.6	3.0	4.6#



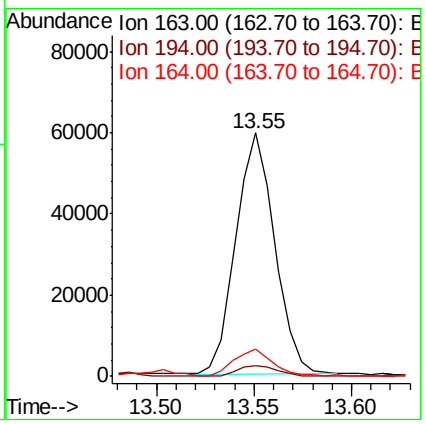


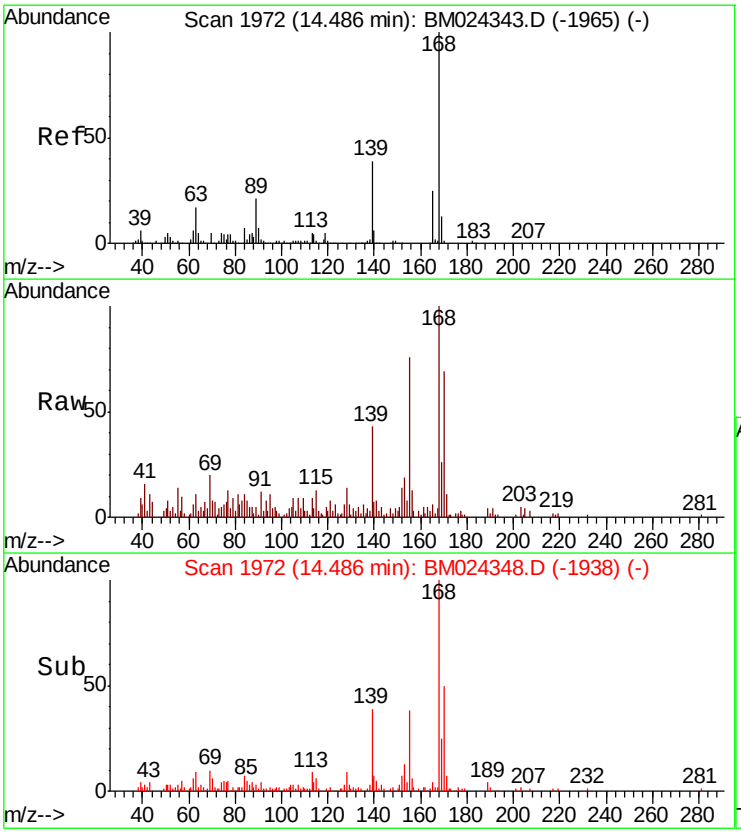
#45
Dimethylphthalate
Concen: 1.970 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 82328

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	11.2	7.8	11.6

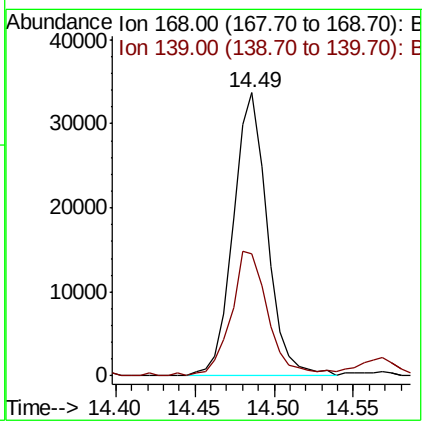


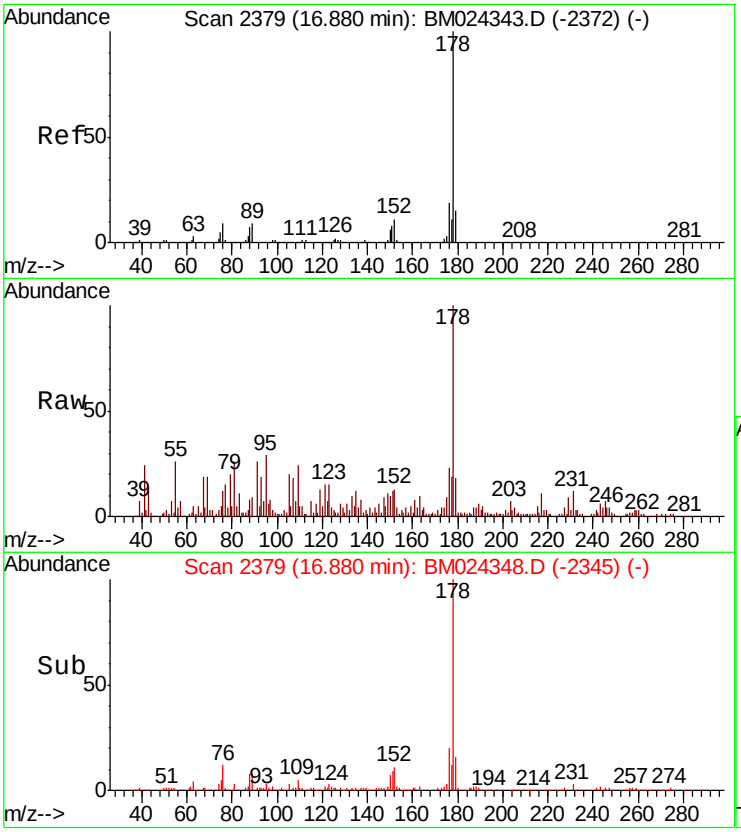


#54
Dibenzofuran
Concen: 1.025 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:168 Resp: 50139

Ion	Ratio	Lower	Upper
168	100		
139	43.0	30.4	45.6



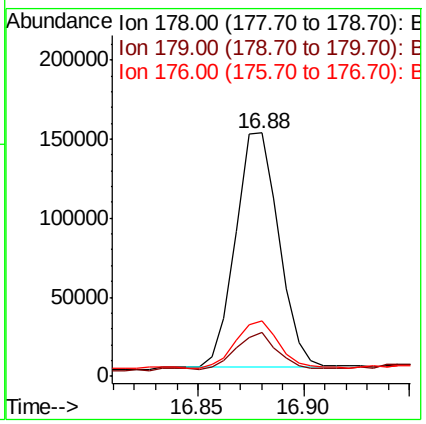


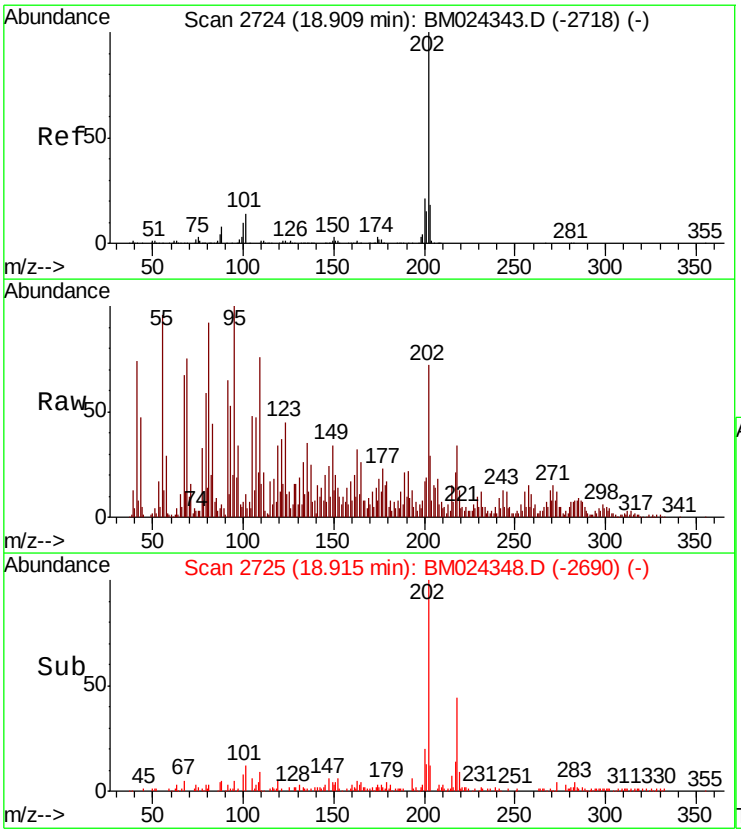
#70
Phenanthrene
Concen: 3.442 ng/ul
RT: 16.88 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 209051

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	19.0
176	22.6	15.1	22.7

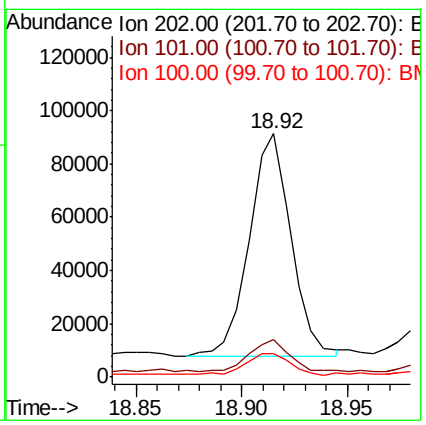


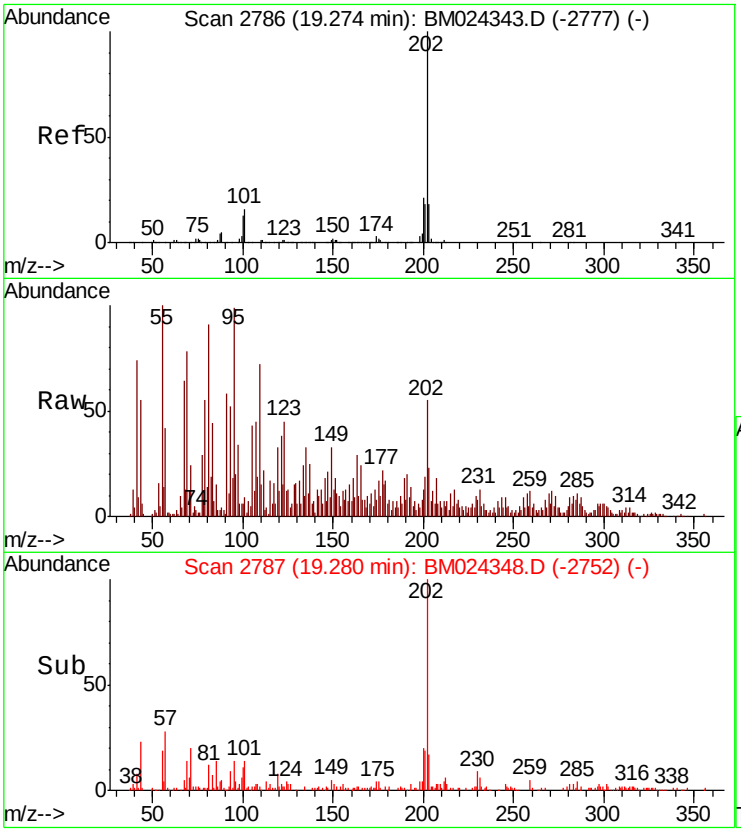


#77
Fluoranthene
Concen: 1.747 ng/ul
RT: 18.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:202 Resp: 115619

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.6	15.8
100	9.8	8.1	12.1



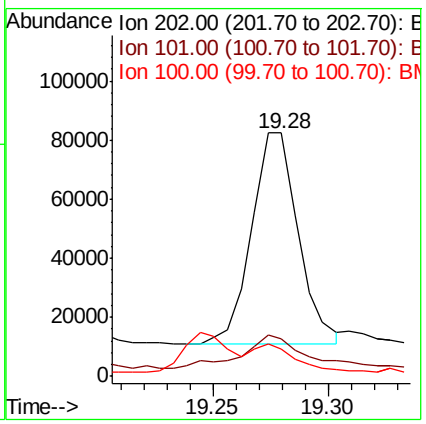


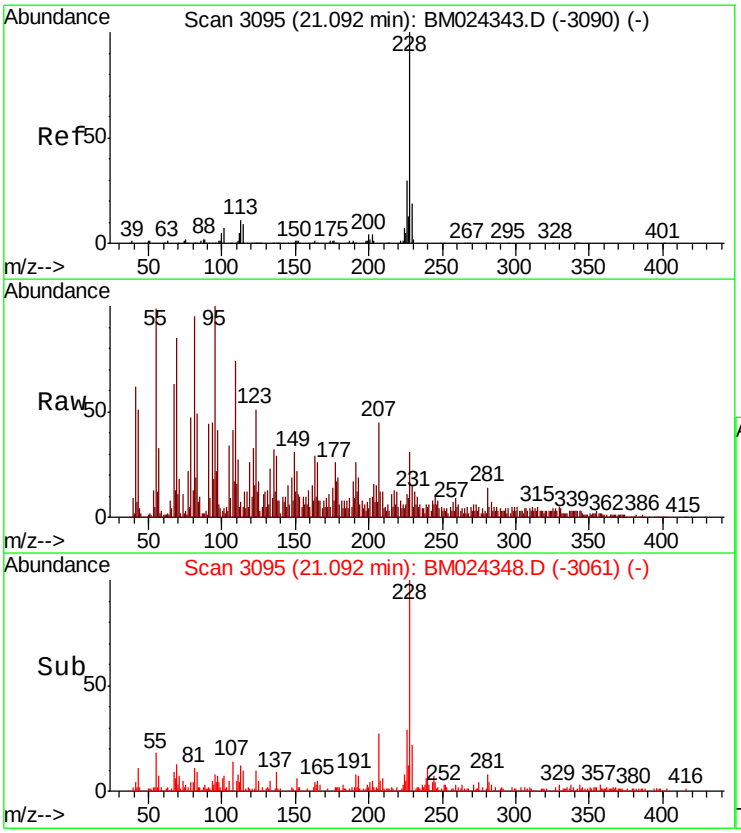
#80
Pyrene
Concen: 1.429 ng/ul
RT: 19.28 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 100259

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.4
100	11.2	10.0	15.0

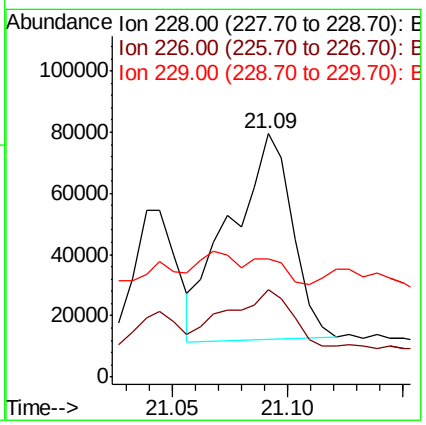


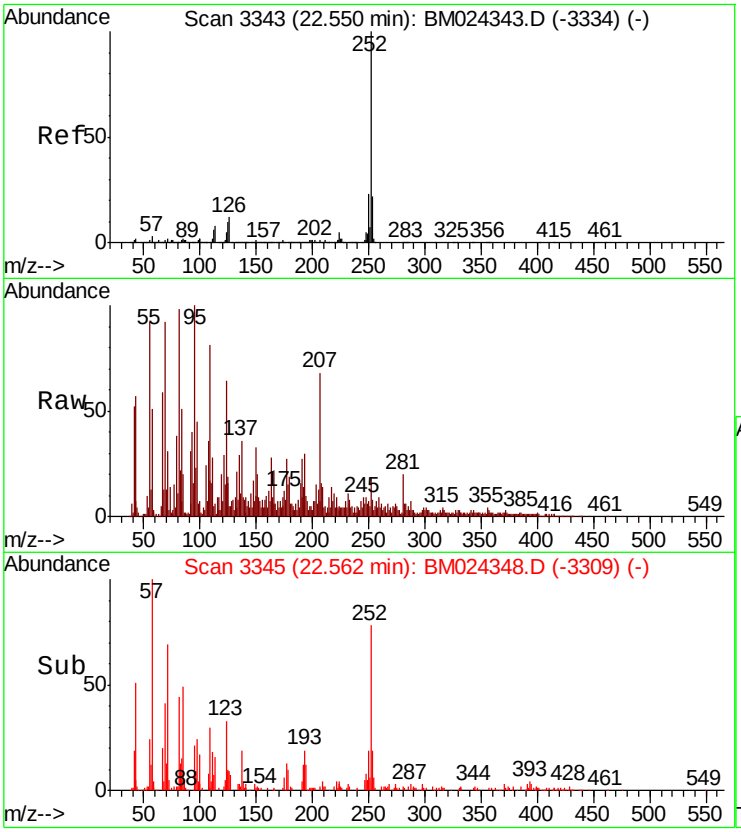


#85
Chrysene
Concen: 1.860 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:228 Resp: 124883

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.0	36.0
229	48.7	15.4	23.2#



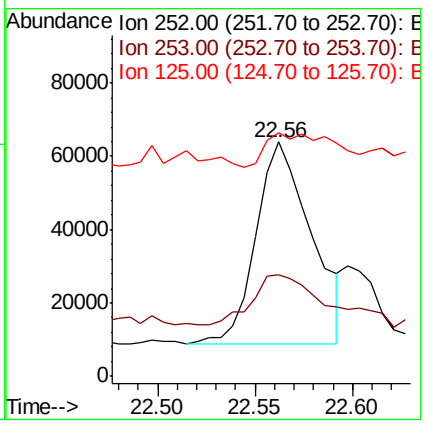


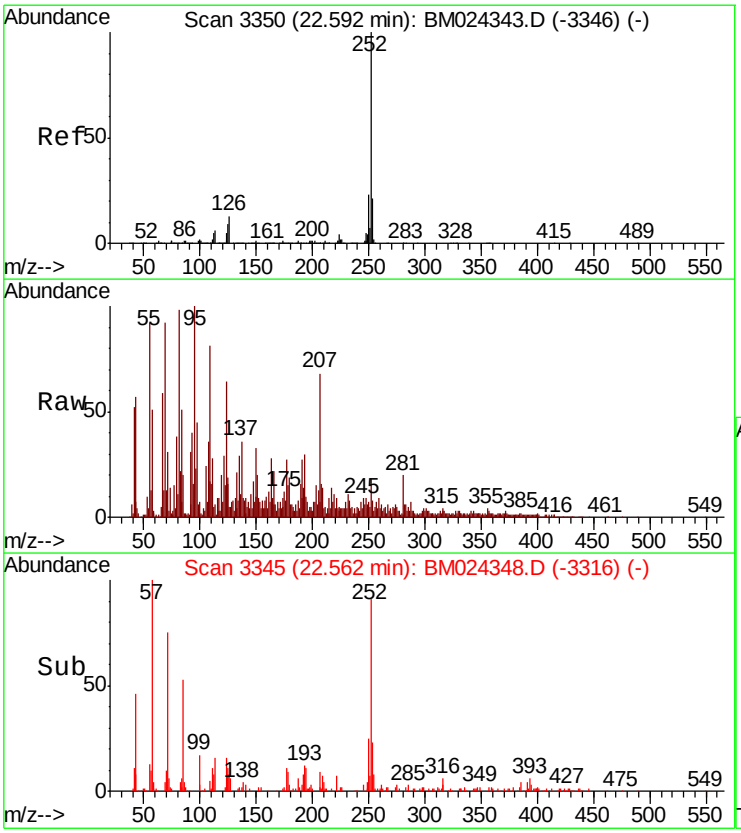
#88
Benzo(b)fluoranthene
Concen: 1.324 ng/ul
RT: 22.56 min Scan# 3345
Delta R.T. 0.01 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 107446

Ion	Ratio	Lower	Upper
252	100		
253	43.1	17.2	25.8#
125	103.8	7.8	11.8#





#89
Benzo(k)fluoranthene
Concen: 1.350 ng/ul
RT: 22.56 min Scan# 3345
Delta R.T. -0.03 min
Lab File: BM024348.D
Acq: 28 Dec 2019 14:24

Tgt Ion:252 Resp: 107446

Ion	Ratio	Lower	Upper
252	100		
253	43.1	17.8	26.8#
125	103.8	7.9	11.9#