Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024370.D
Acq On : 30 Dec 2019 13:22
Operator : JU
Sample : K6322-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C31

Manual Integrations APPROVED
mohammad
12/31/2019 8:28:25 AM

Quant Time: Dec 30 14:32:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 30 14:11:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	220456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	891445	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	500960	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	995150	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	960944	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1178475	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	19549m	3.92	ng/uL	0.01
5) Phenol-d5	6.62	99	320901	15.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	218706	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	259983	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	206561	12.11	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	115024	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	124038	17.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	211194	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	241054	14.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	698025	18.84	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	829387	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	58742	8.83	ng/ul	0.02
58) Fluorene-d10	15.08	176	605529	18.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	57196	9.42	ng/ul	0.00
71) Anthracene-d10	16.93	188	917157	20.26	ng/ul	0.00
79) Pyrene-d10	19.24	212	1040442	22.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1252461	21.40	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.65	94	56453	2.619	ng/ul	97
45) Dimethylphthalate	13.55	163	175427	4.557	ng/ul	98
70) Phenanthrene	16.87	178	102096	1.833	ng/ul	98
77) Fluoranthene	18.91	202	326911	5.384	ng/ul	97
80) Pyrene	19.27	202	311219	4.961	ng/ul	99
83) Benzo(a)anthracene	21.04	228	209673	3.425	ng/ul	100
85) Chrysene	21.09	228	152997	2.549	ng/ul	98
88) Benzo(b)fluoranthene	22.55	252	252112	3.575	ng/ul#	94
89) Benzo(k)fluoranthene	22.59	252	92106m	1.331	ng/ul	
91) Benzo(a)pyrene	23.09	252	156601	2.455	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.27	276	88072	1.150	ng/ul	96
94) Benzo(g,h,i)perylene	25.91	276	76725	1.227	ng/ul	96

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

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Instrument :
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Manual Integrations APPROVED
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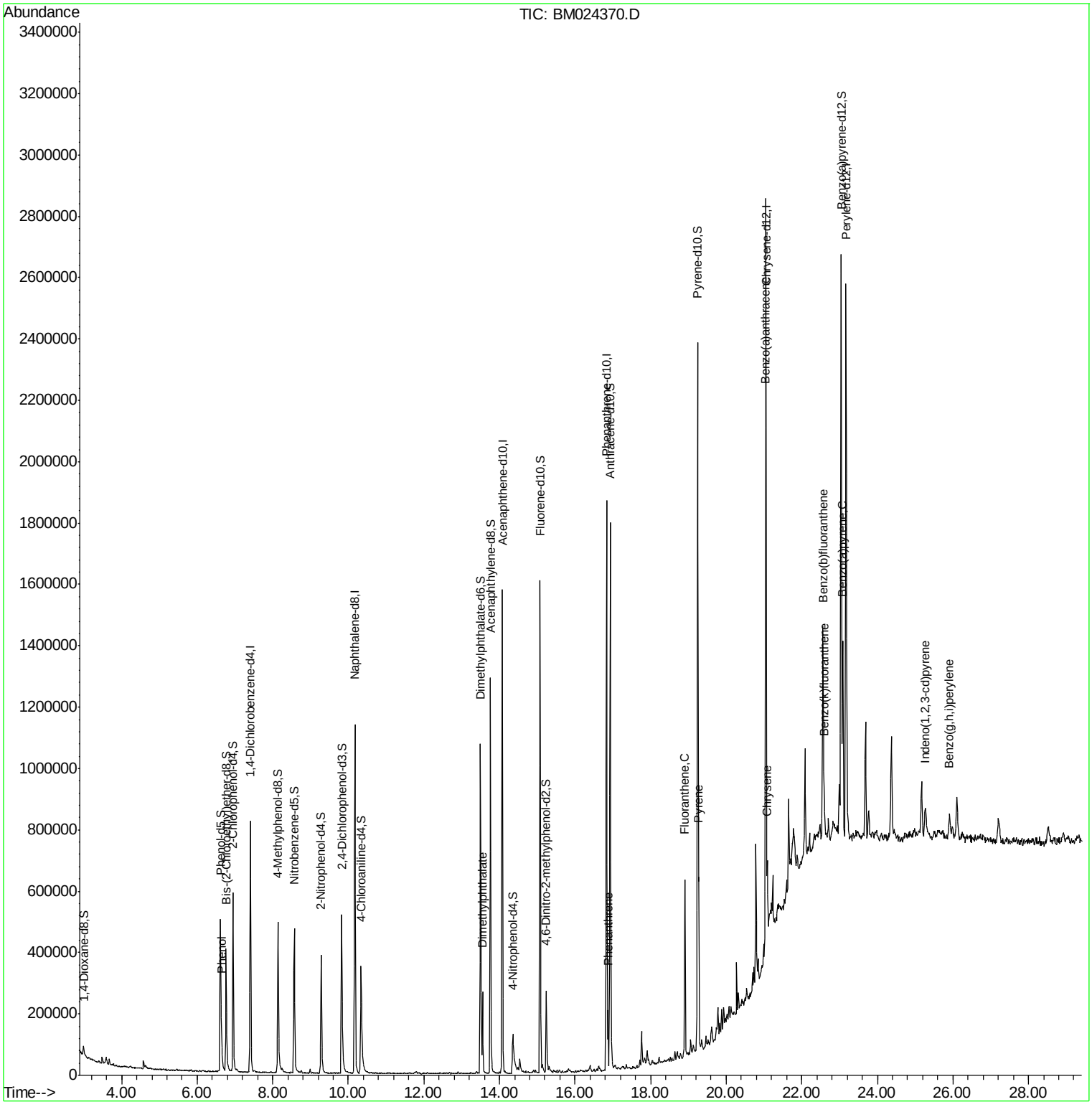
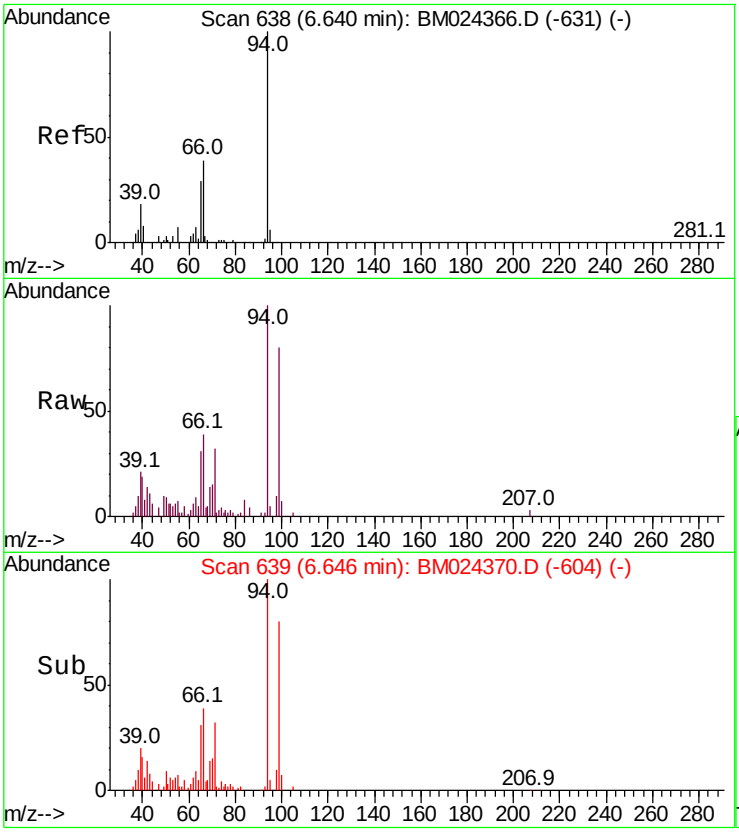
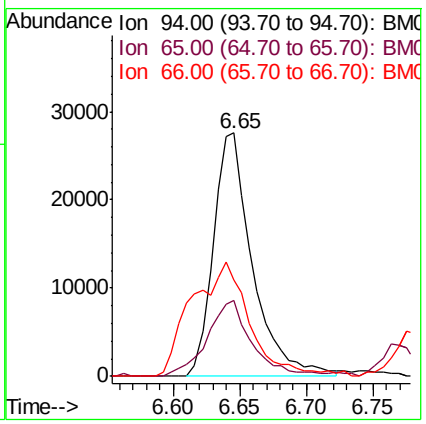




#6
Phenol
Concen: 2.619 ng/ul
RT: 6.65 min Scan# 639
Delta R.T. 0.01 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion: 94 Resp: 56453

Ion	Ratio	Lower	Upper
94	100		
65	31.1	22.6	33.8
66	39.5	30.7	46.1



Instrument :
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ClientSampleId :
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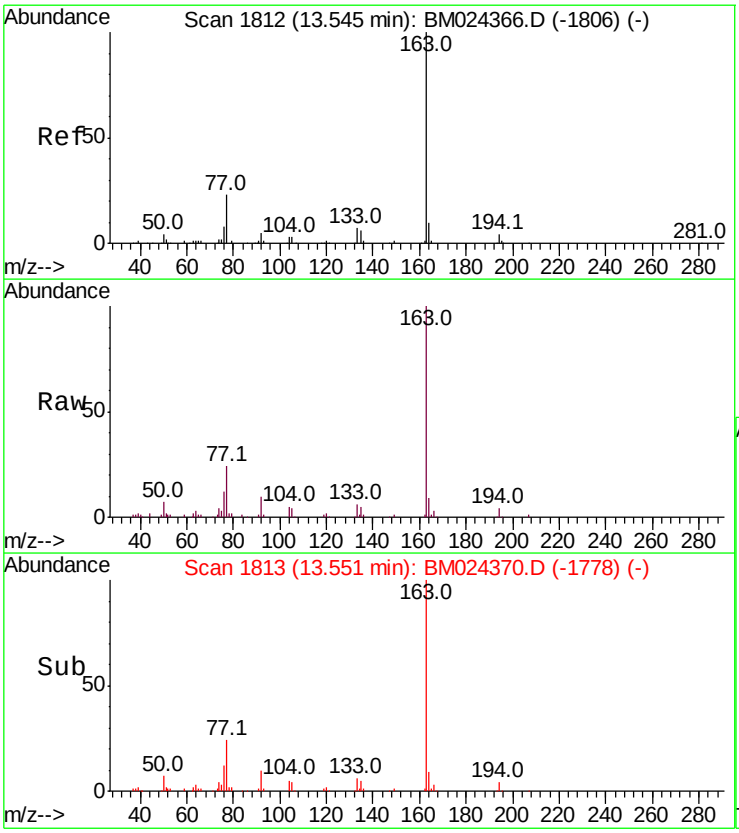
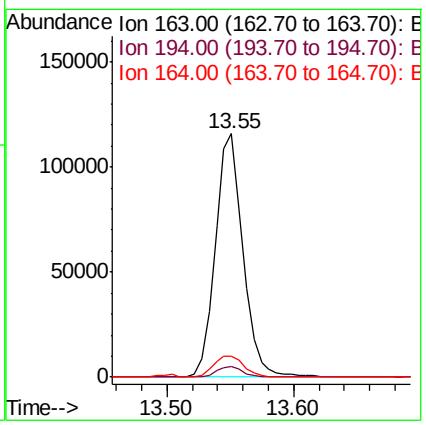
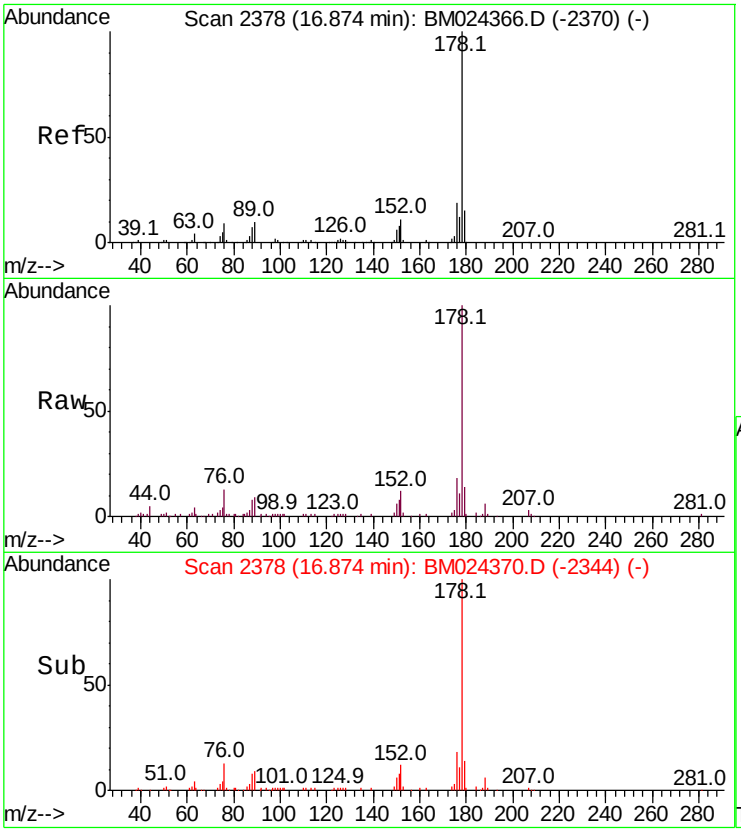


#45
Dimethylphthalate
Concen: 4.557 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:163 Resp: 175427

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	8.7	7.8	11.6

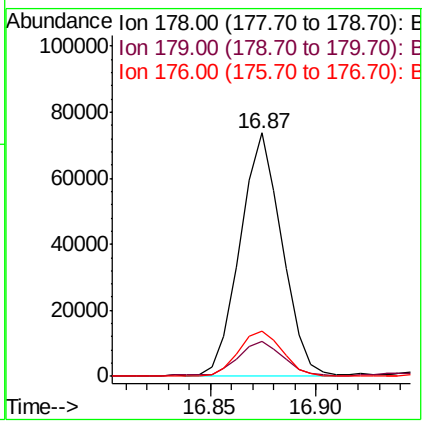




#70
Phenanthrene
Concen: 1.833 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:178 Resp: 102096

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	18.3	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
C0C31

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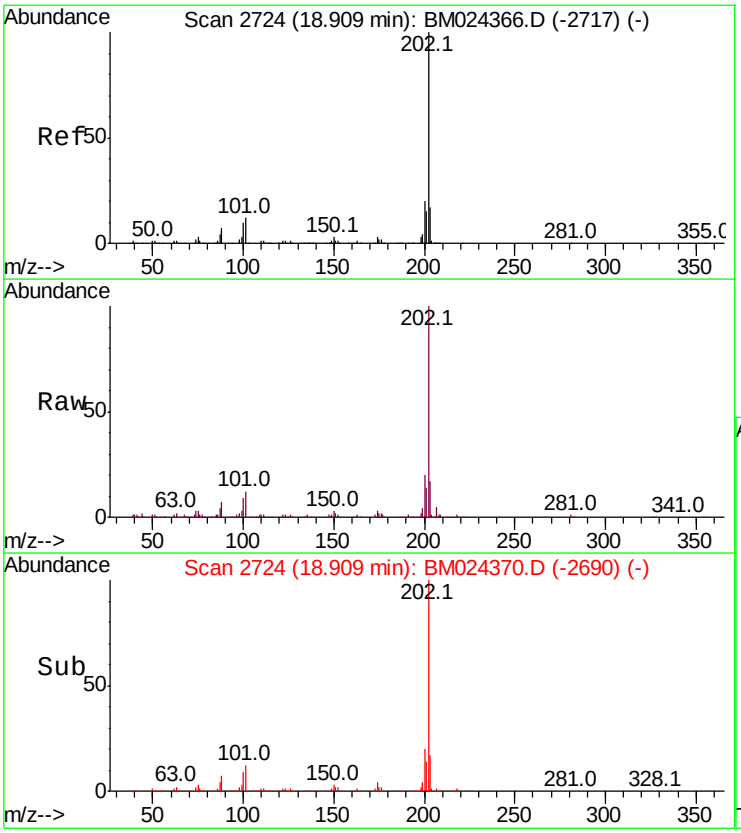
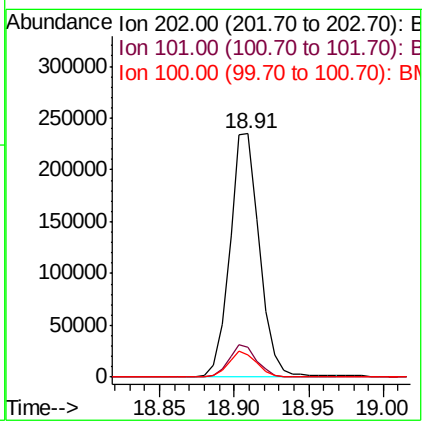
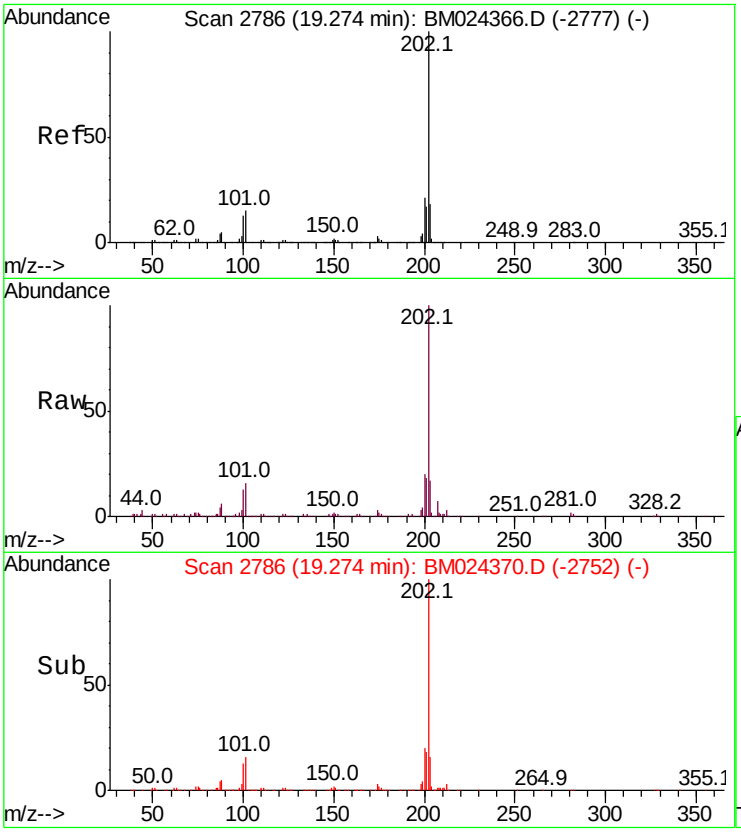


#77
Fluoranthene
Concen: 5.384 ng/ul
RT: 18.91 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:202 Resp: 326911

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	15.8
100	8.9	8.1	12.1





#80
Pyrene
Concen: 4.961 ng/ul
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:202 Resp: 311219

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.2	18.4
100	12.8	10.0	15.0

Instrument :
BNA_M
ClientSampleId :
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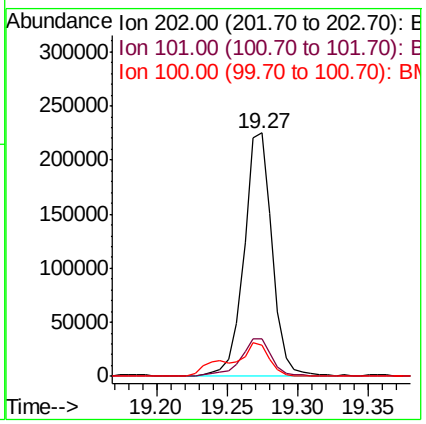
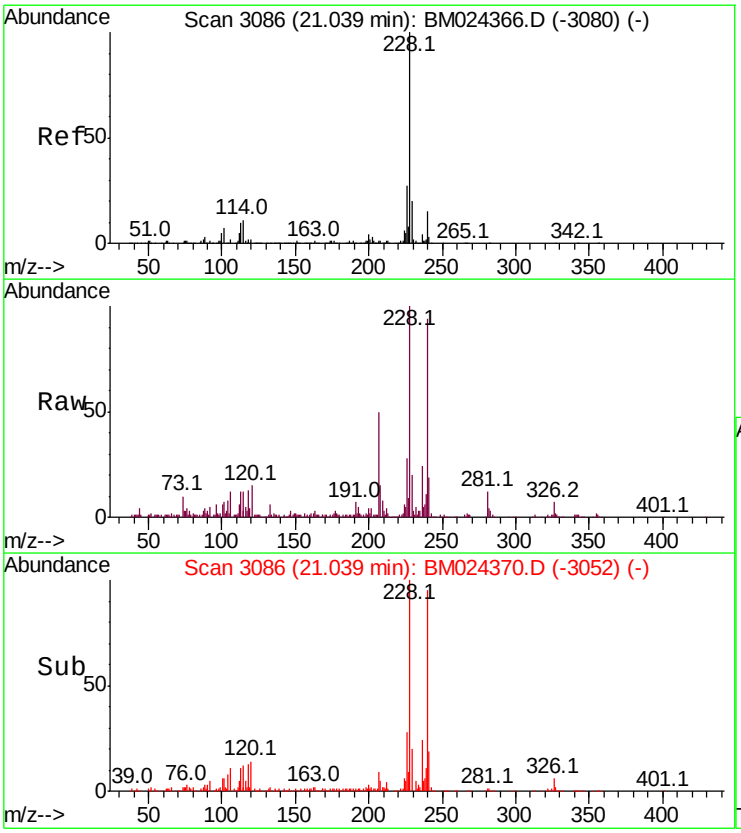
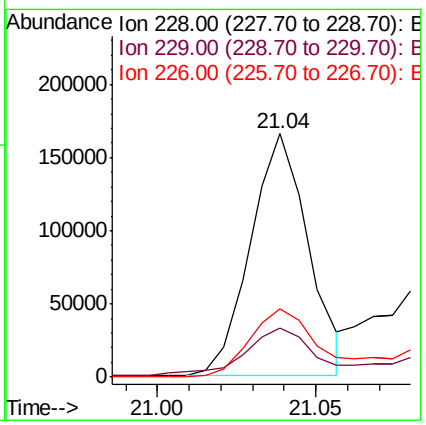


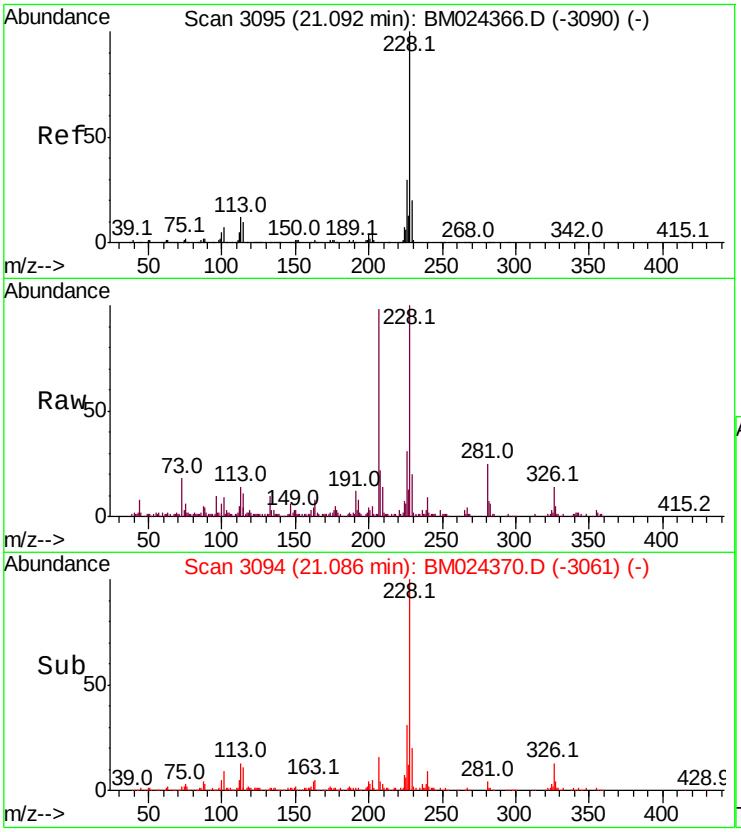


#83
Benzo(a)anthracene
Concen: 3.425 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:228 Resp: 209673

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.8	22.2	33.2





#85
Chrysene
Concen: 2.549 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:228 Resp: 152997

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.4	15.4	23.2

Instrument :
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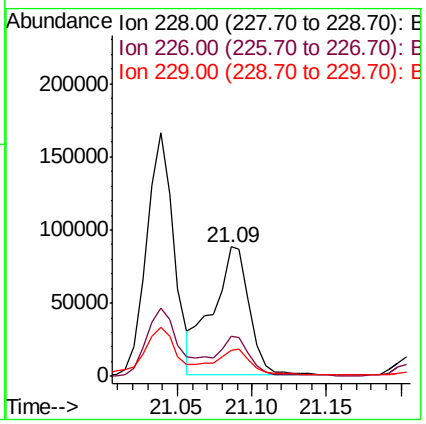
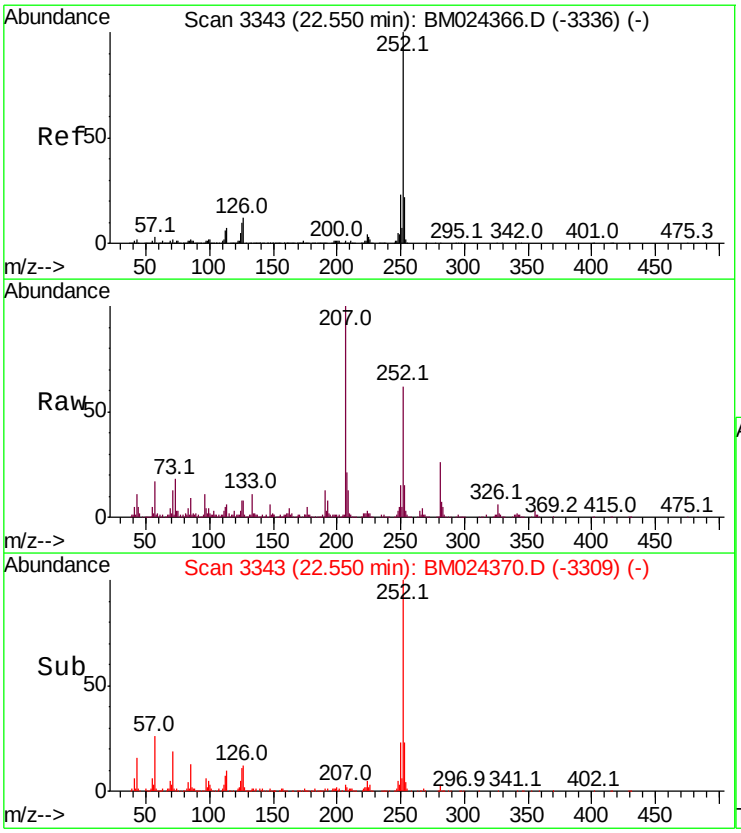
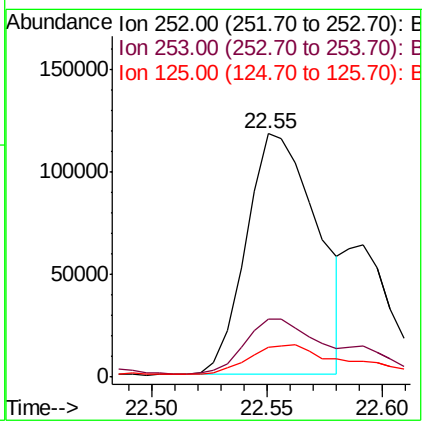


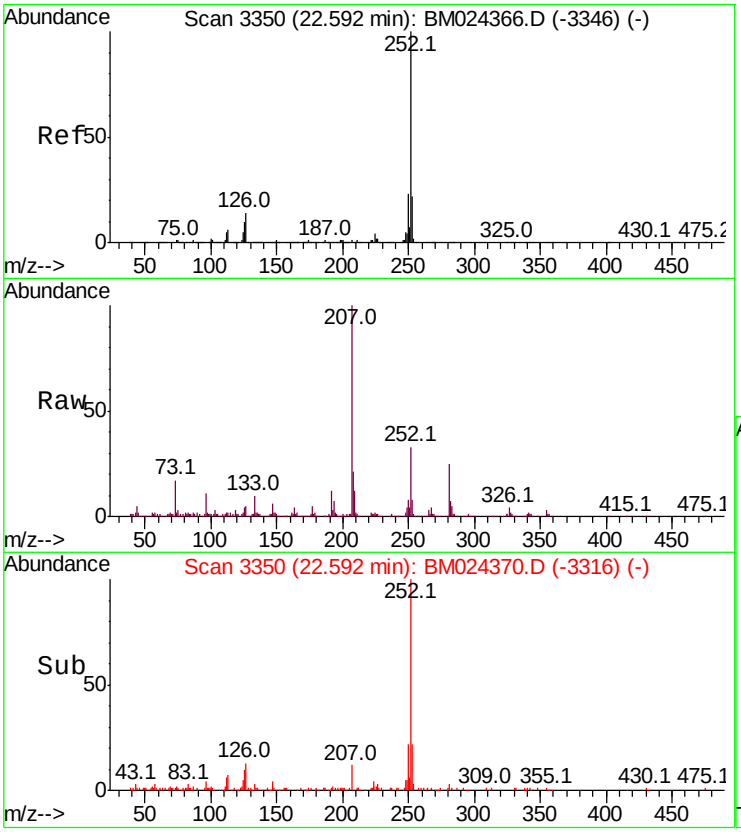


#88
Benzo(b)fluoranthene
Concen: 3.575 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:252 Resp: 252112

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	12.2	7.8	11.8#

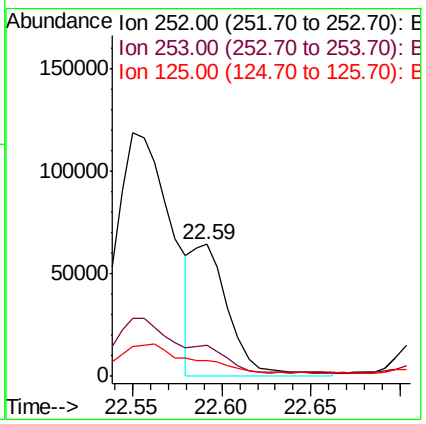




#89
Benzo(k)fluoranthene
Concen: 1.331 ng/ul m
RT: 22.59 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:252 Resp: 92106

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.9	7.9	11.9#



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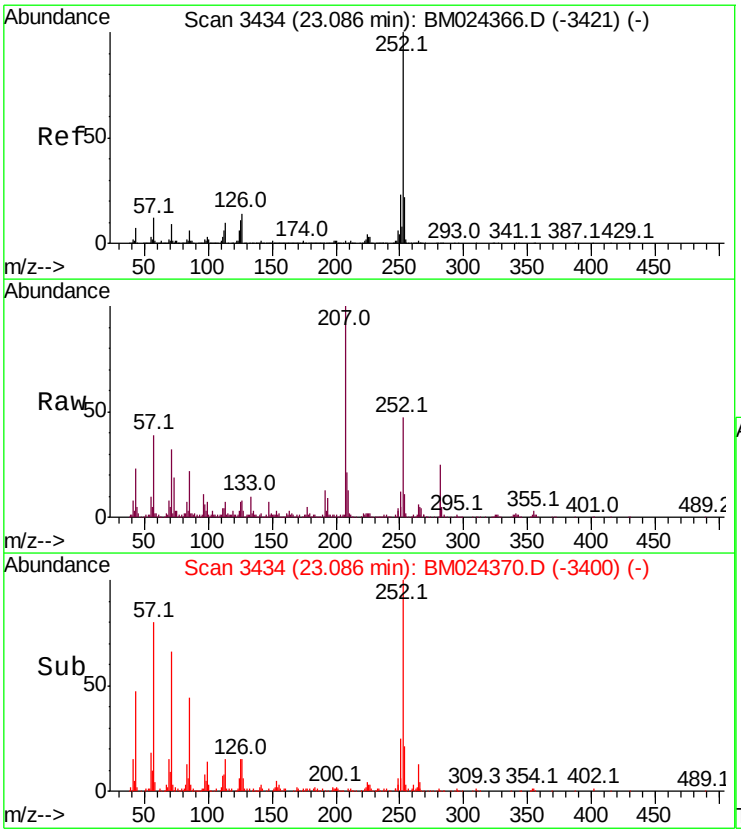
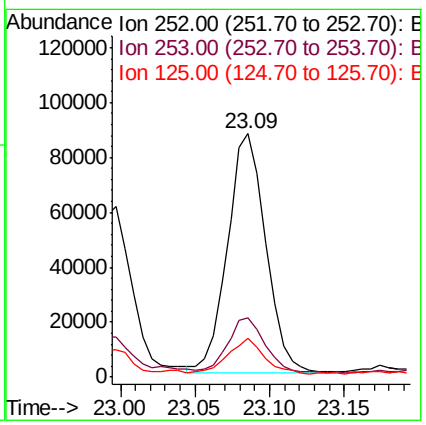
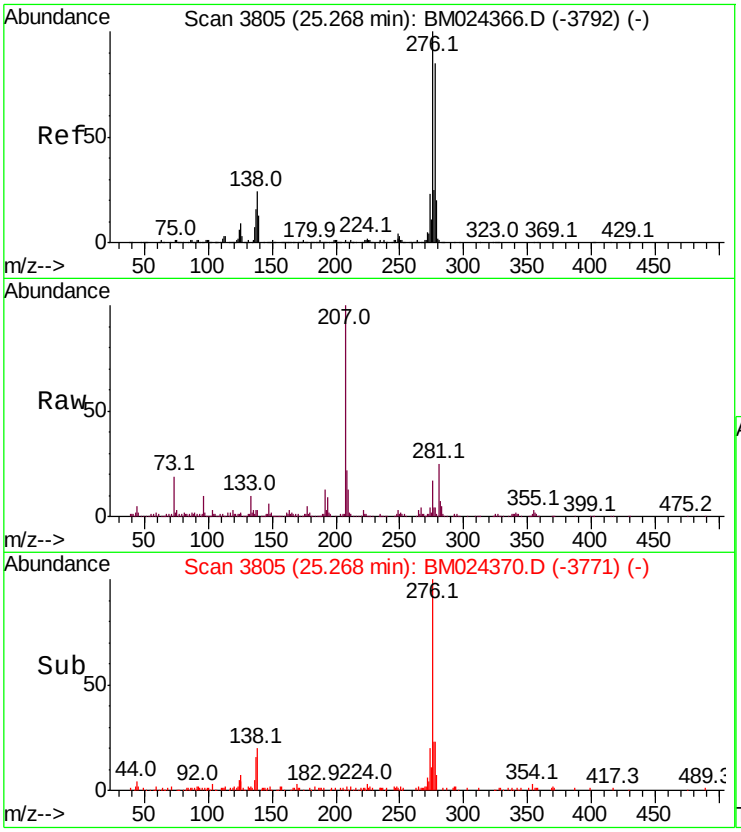


#91
Benzo(a)pyrene
Concen: 2.455 ng/ul
RT: 23.09 min Scan# 3434
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:252 Resp: 156601

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	15.8	8.2	12.4#

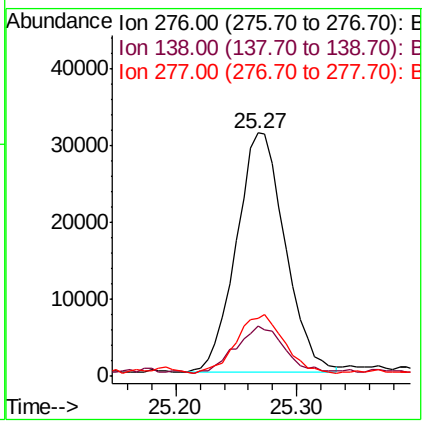




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.150 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. 0.00 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:276 Resp: 88072

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.3	27.5
277	23.9	20.2	30.2



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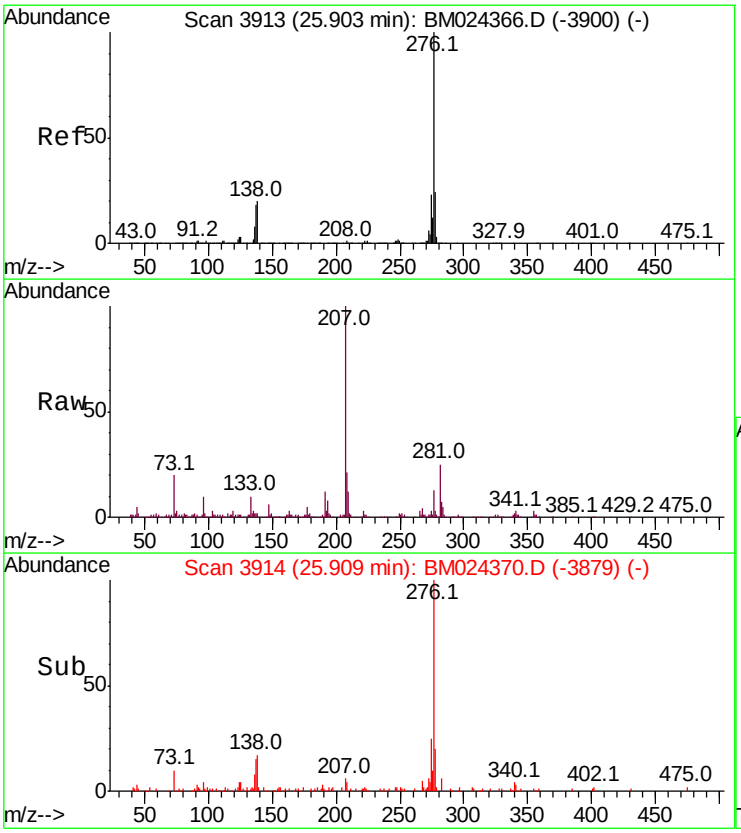

#94
Benzo(g,h,i)perylene
Concen: 1.227 ng/ul
RT: 25.91 min Scan# 3914
Delta R.T. 0.01 min
Lab File: BM024370.D
Acq: 30 Dec 2019 13:22

Tgt Ion:276 Resp: 76725

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.3	22.9
277	21.8	19.3	28.9