Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023668.D
Acq On : 12 Nov 2019 17:14
Operator : JU
Sample : K5565-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNA1

Manual Integrations APPROVED
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11/13/2019 7:58:09 AM

Quant Time: Nov 13 00:12:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 05:56:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	494845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2231523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1550981	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3345824	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2473039	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2383269	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	33911	2.82	ng/uL	0.00
5) Phenol-d5	6.73	99	748300	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	447645	17.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	577094	17.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	618476	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	288951	18.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	327700	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	679322	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	659344	15.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2345636	19.39	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2569271	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	240895	11.67	ng/ul	0.00
58) Fluorene-d10	15.20	176	2059773	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	297386	15.37	ng/ul	0.00
71) Anthracene-d10	17.05	188	3251536	20.49	ng/ul	0.00
79) Pyrene-d10	19.35	212	3475707	26.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2764065	22.04	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	67147	1.445	ng/ul	93
28) Naphthalene	10.37	128	332420	2.834	ng/ul	99
45) Dimethylphthalate	13.67	163	933900	7.879	ng/ul	99
50) Acenaphthene	14.26	153	160914	1.632	ng/ul	96
54) Dibenzofuran	14.60	168	165927	1.137	ng/ul	99
59) Fluorene	15.25	166	297269	2.510	ng/ul	98
70) Phenanthrene	16.99	178	2507200	13.604	ng/ul	100
72) Anthracene	17.08	178	418466	2.258	ng/ul	99
77) Fluoranthene	19.02	202	2541828	12.873	ng/ul	99
80) Pyrene	19.38	202	1943133	12.156	ng/ul	98
83) Benzo(a)anthracene	21.14	228	738612	4.528	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	193610	2.533	ng/ul	100
85) Chrysene	21.19	228	820292	5.341	ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	655361	4.314	ng/ul#	93
89) Benzo(k)fluoranthene	22.71	252	246116m	1.681	ng/ul	
91) Benzo(a)pyrene	23.22	252	515404	3.706	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	294076	1.977	ng/ul	96
94) Benzo(g,h,i)perylene	26.11	276	276663	2.296	ng/ul	98

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

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ClientSampleId :
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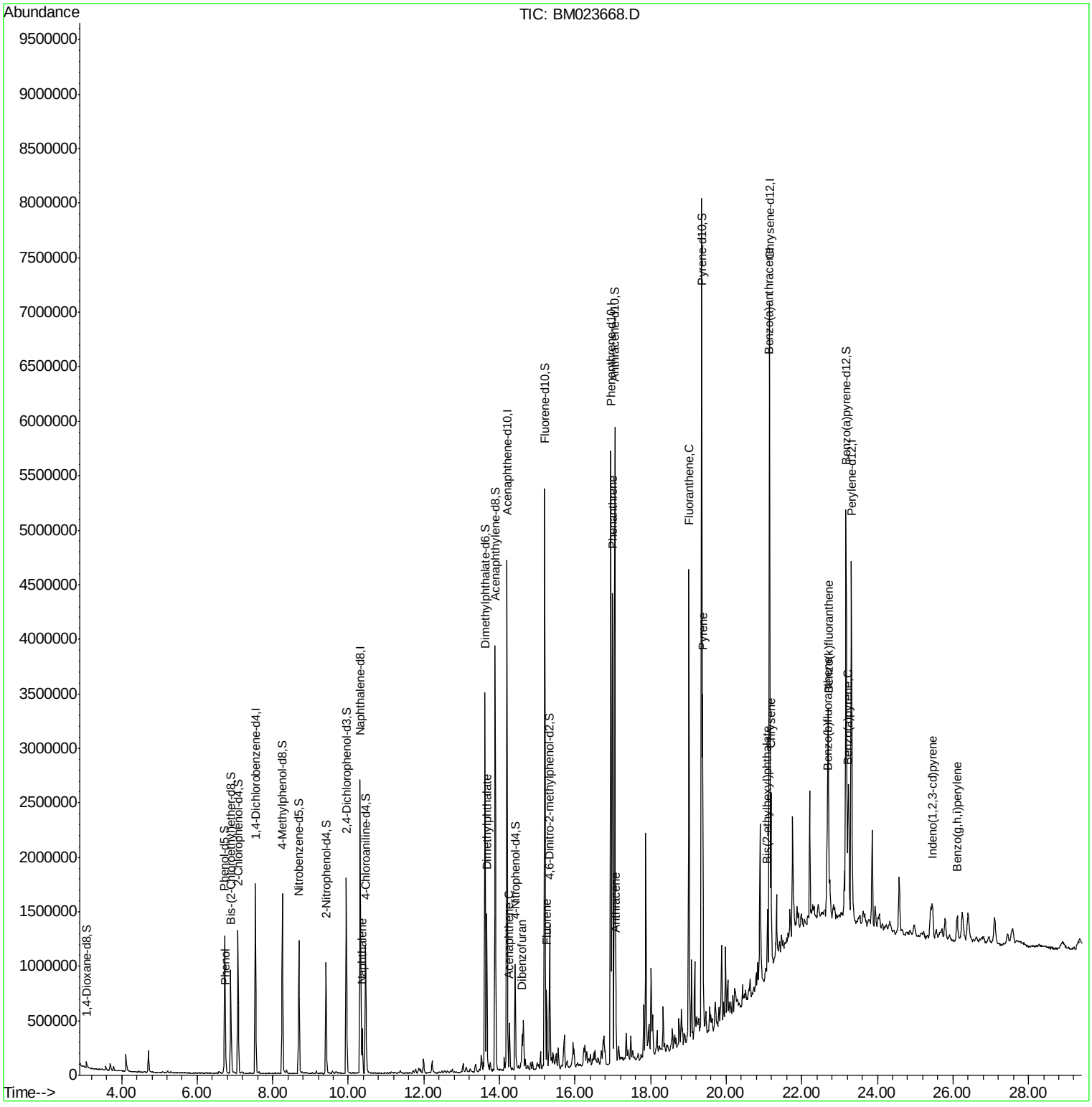
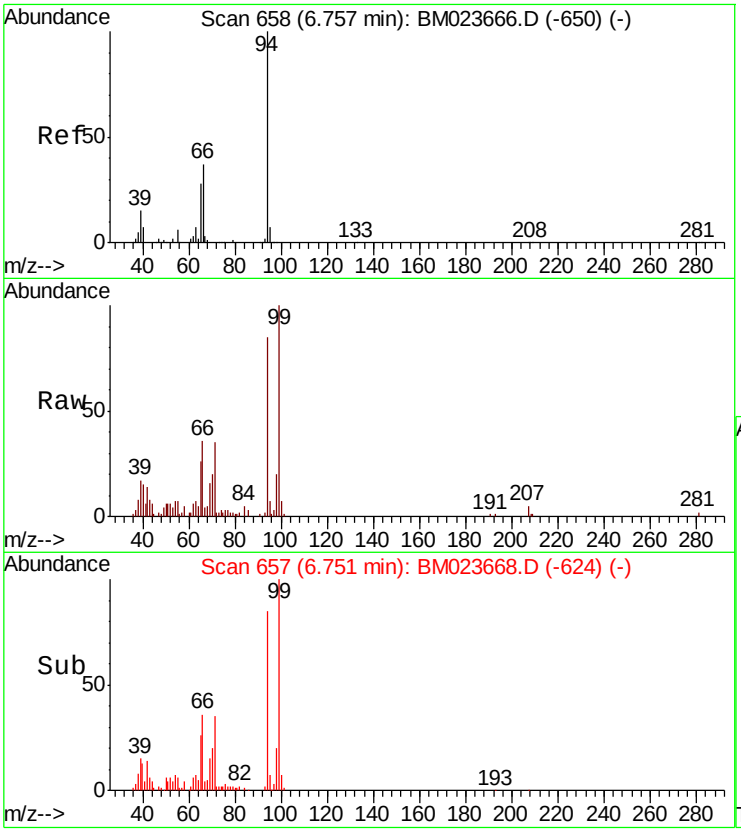
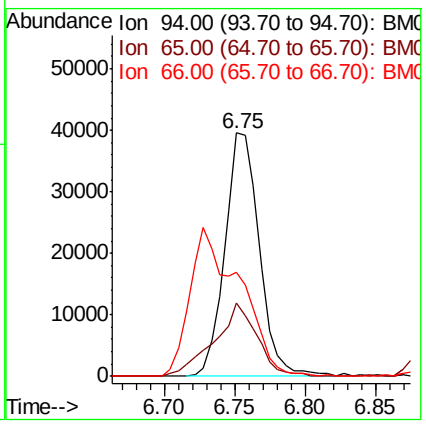




#6
Phenol
Concen: 1.445 ng/ul
RT: 6.75 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion: 94 Resp: 67147

Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.4	32.2
66	42.9	30.7	46.1



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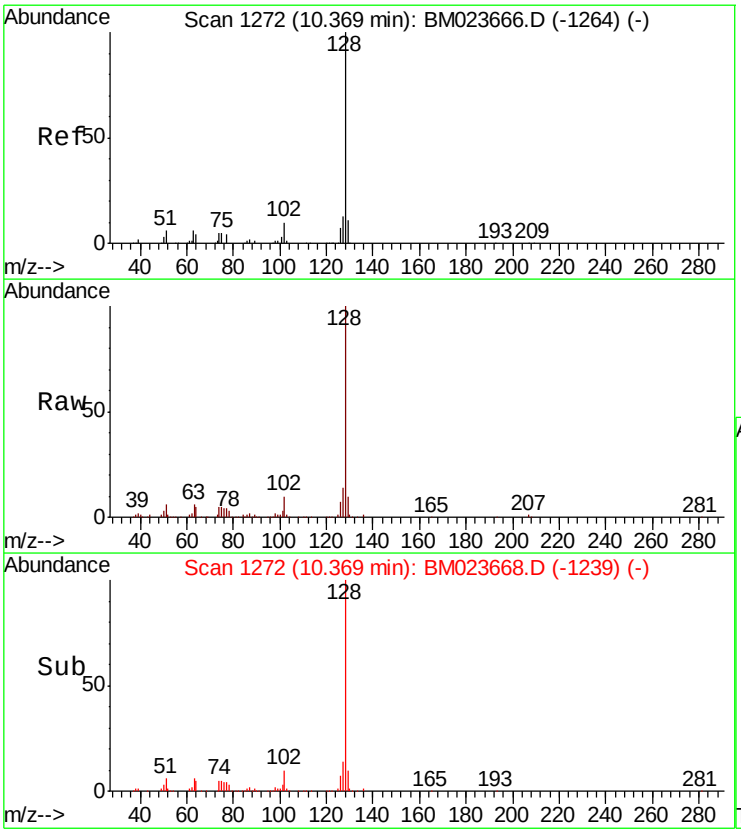
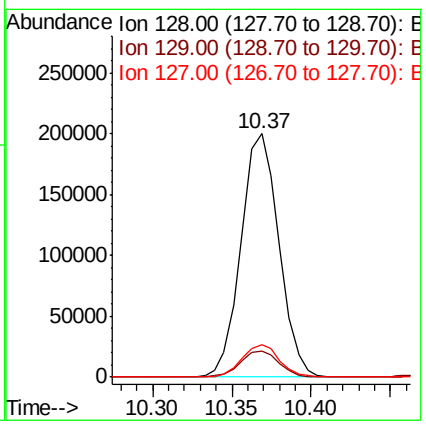
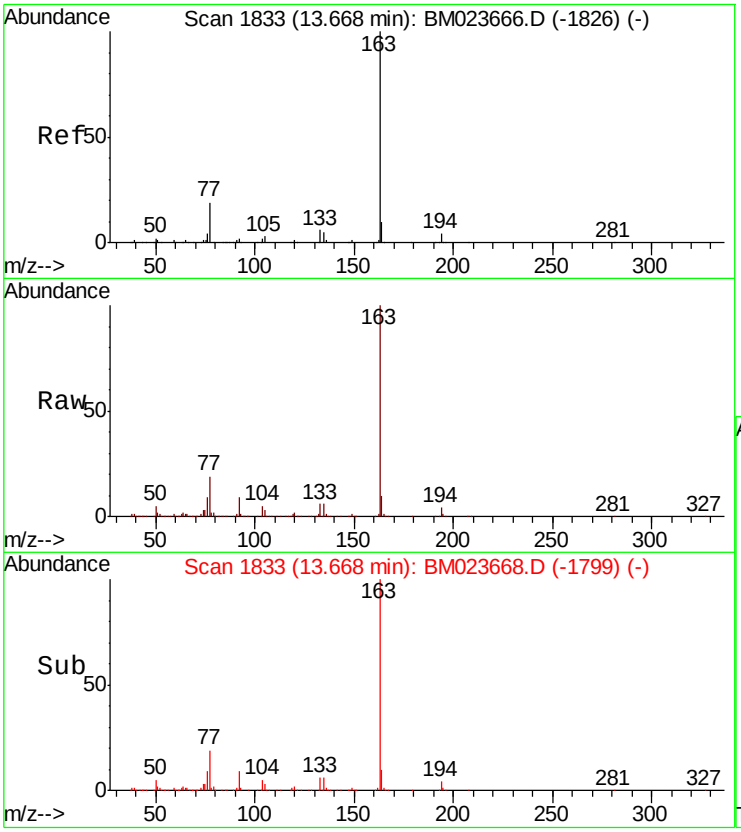


#28
Naphthalene
Concen: 2.834 ng/ul
RT: 10.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:128 Resp: 332420

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.5	10.6	16.0

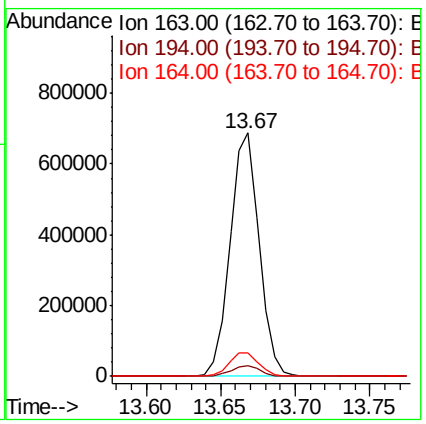




#45
Dimethylphthalate
Concen: 7.879 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:163 Resp: 933900

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.6	8.0	12.0



Instrument :
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ClientSampleId :
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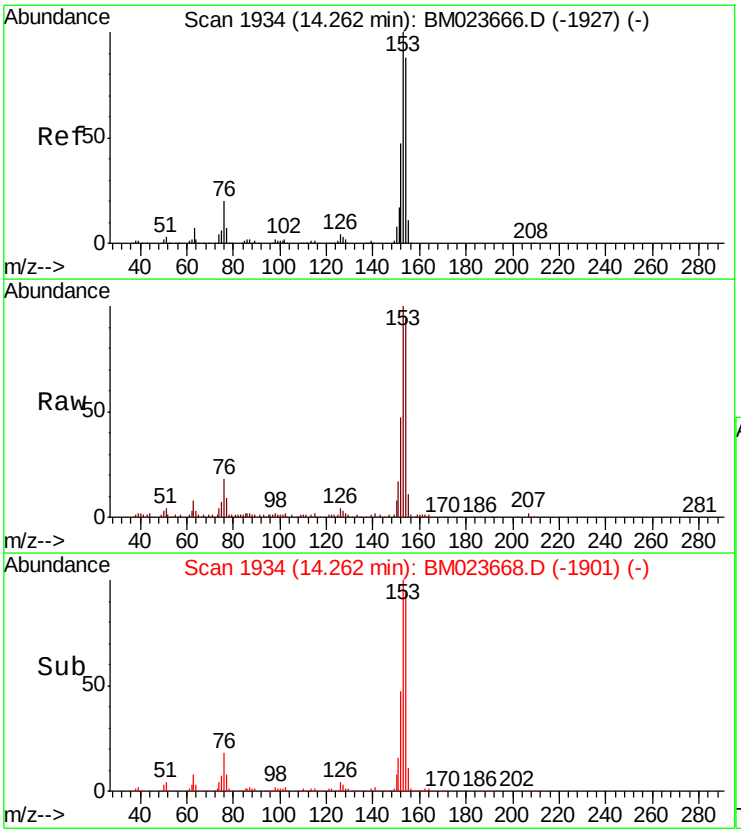
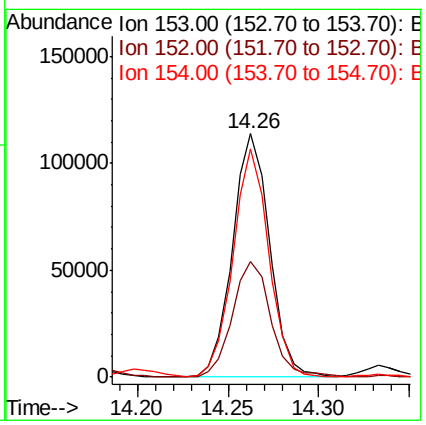
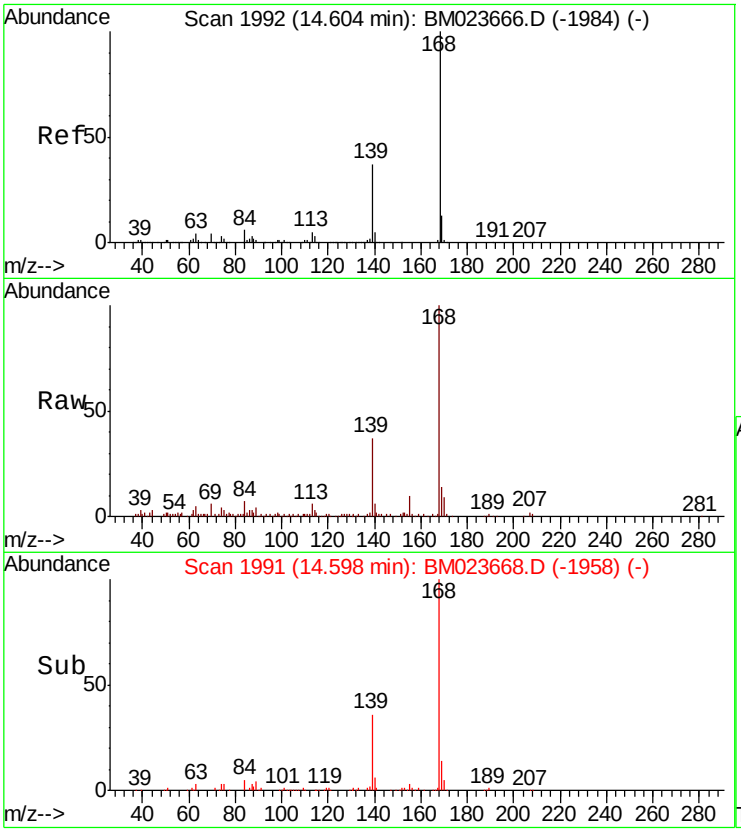


#50
Acenaphthene
Concen: 1.632 ng/ul
RT: 14.26 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:153 Resp: 160914

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.7	56.5
154	93.9	70.6	106.0





#54
Dibenzofuran
Concen: 1.137 ng/ul
RT: 14.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:168 Resp: 165927

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.3	43.9

Instrument :
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ClientSampleId :
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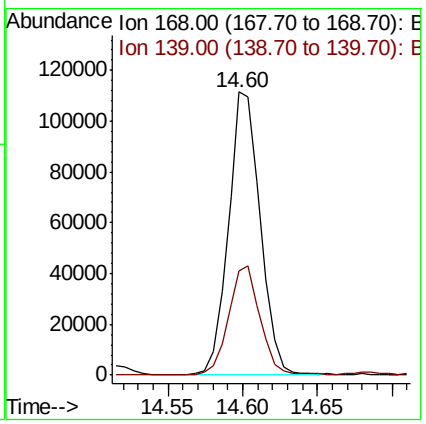
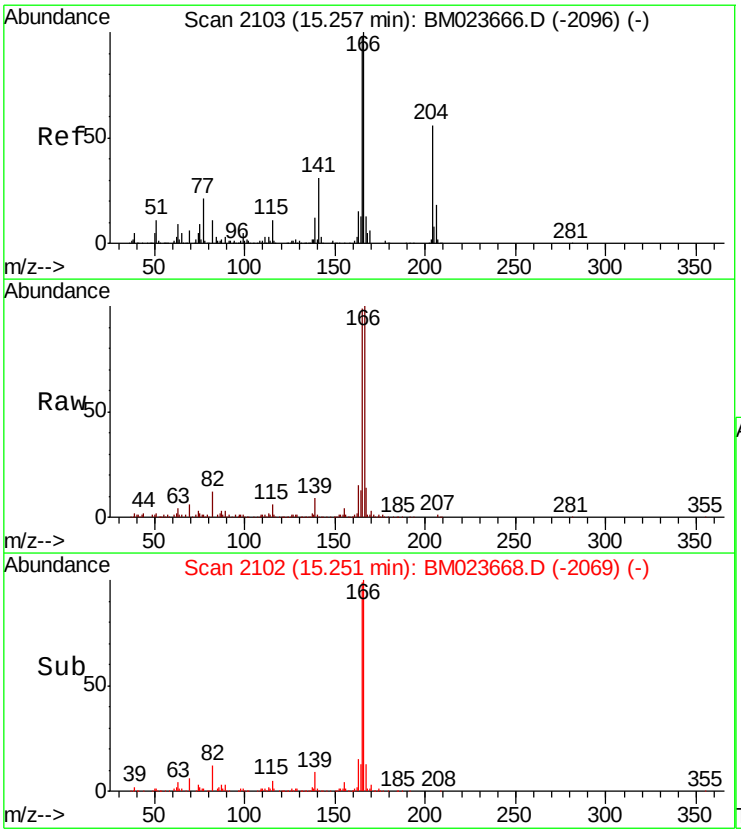
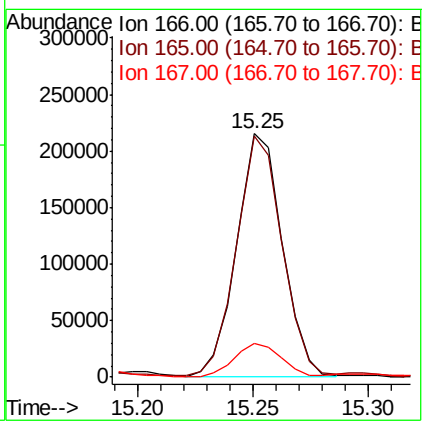


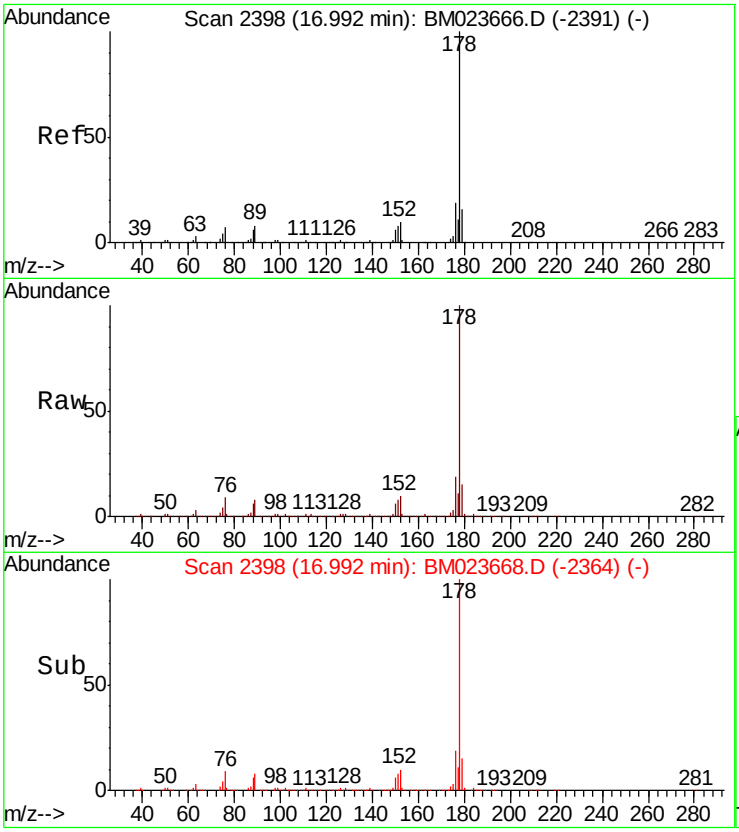


#59
Fluorene
Concen: 2.510 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:166 Resp: 297269

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	14.0	10.9	16.3

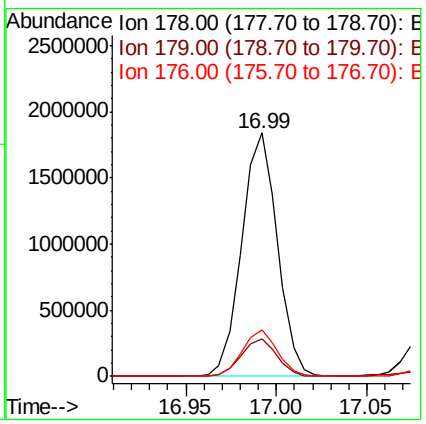




#70
Phenanthrene
Concen: 13.604 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:178 Resp: 2507200

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	15.0	22.6



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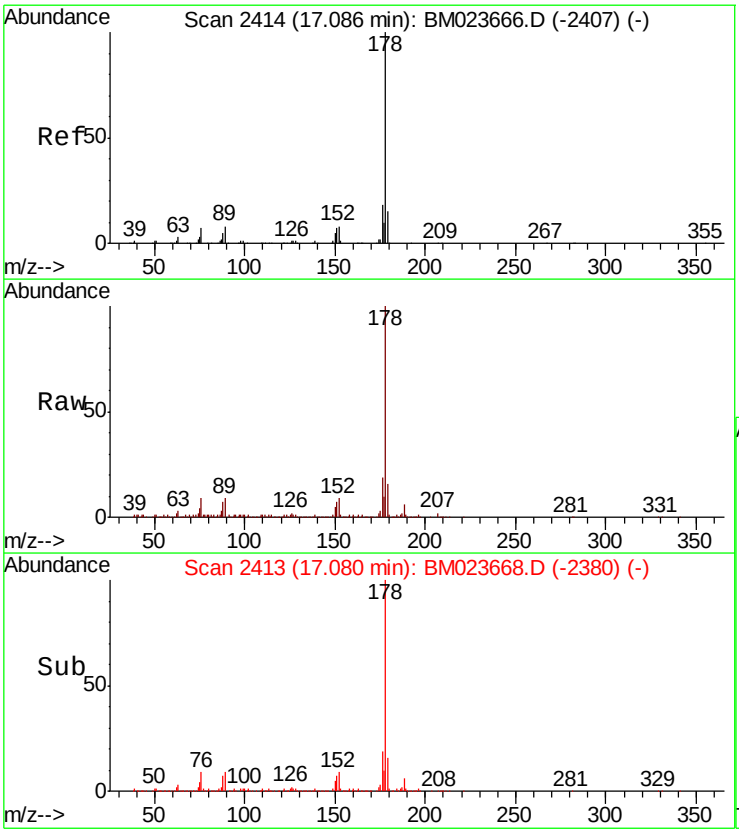
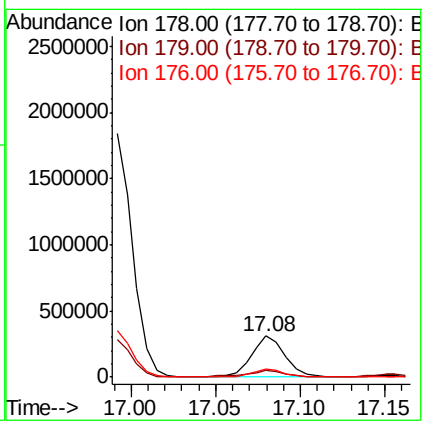
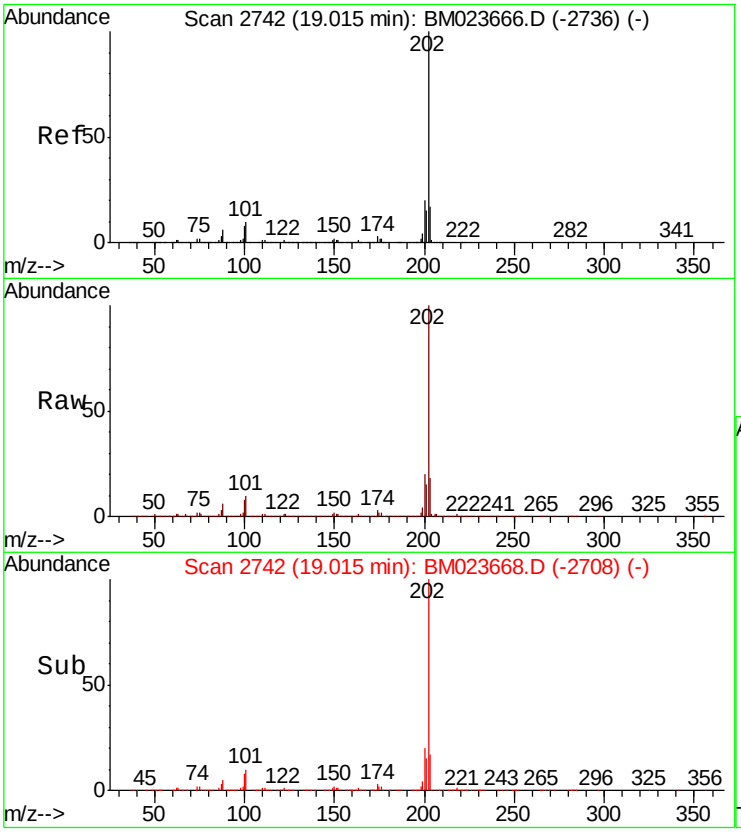


#72
Anthracene
Concen: 2.258 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:178 Resp: 418466

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.8	14.7	22.1

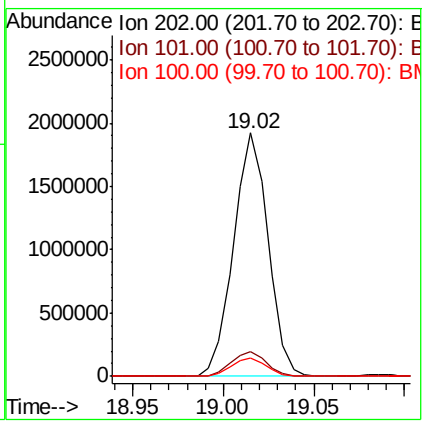




#77
Fluoranthene
Concen: 12.873 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:202 Resp: 2541828

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
100	7.8	6.0	9.0



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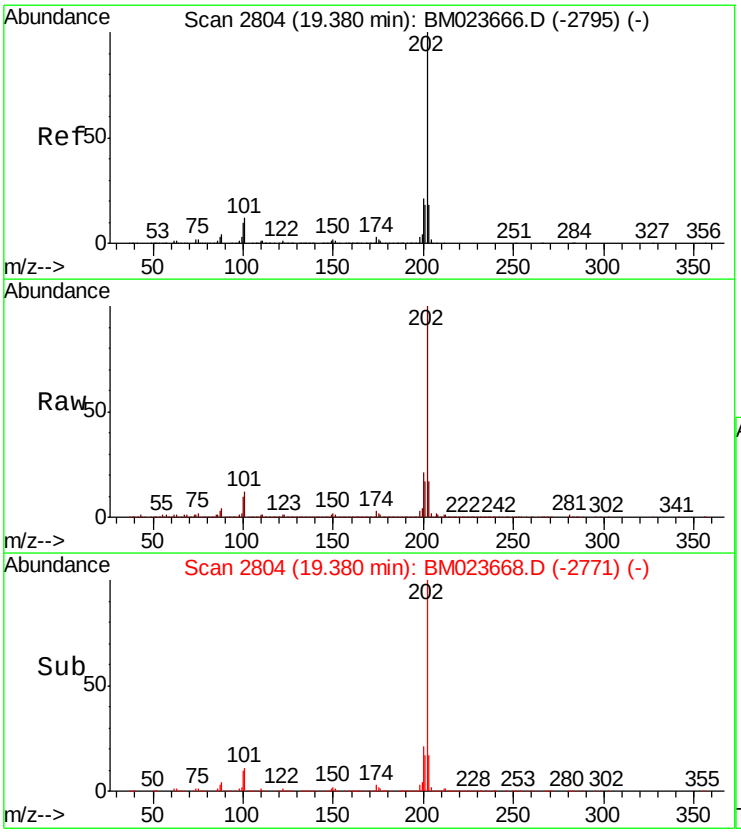
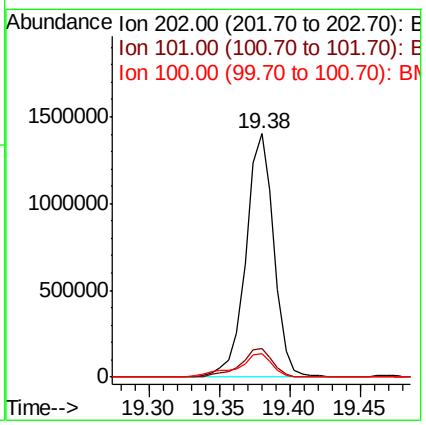
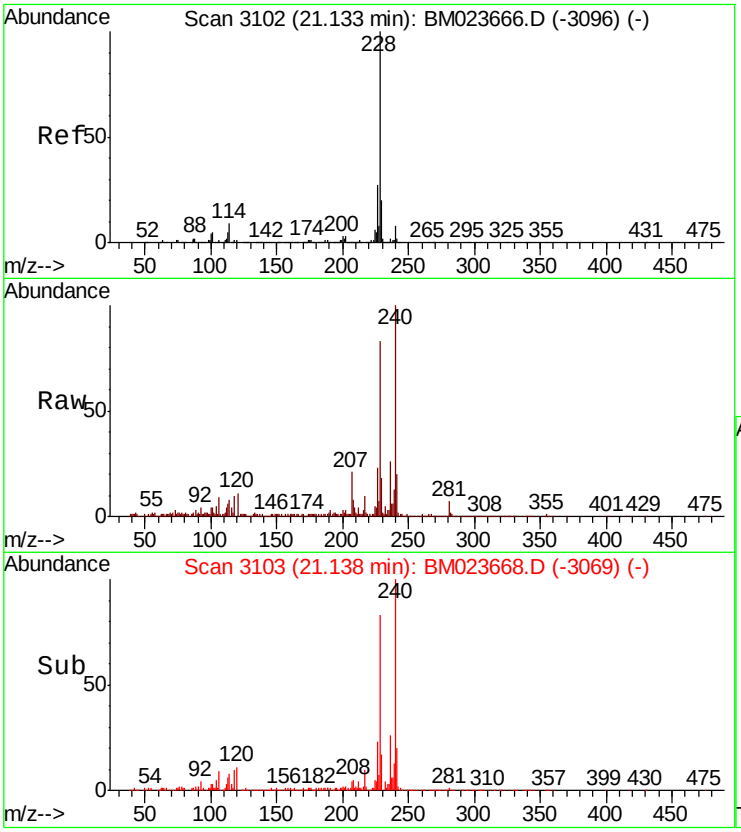


#80
Pyrene
Concen: 12.156 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:202 Resp: 1943133

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.6
100	9.6	8.1	12.1

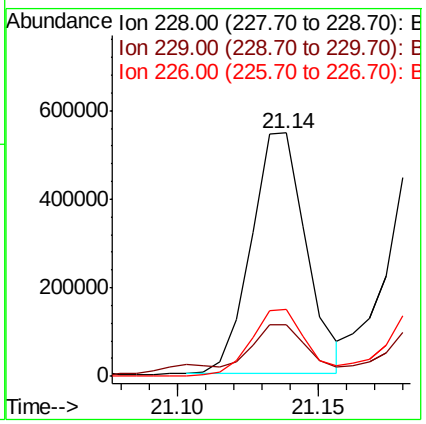




#83
Benzo(a)anthracene
Concen: 4.528 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:228 Resp: 738612

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	27.6	21.4	32.2



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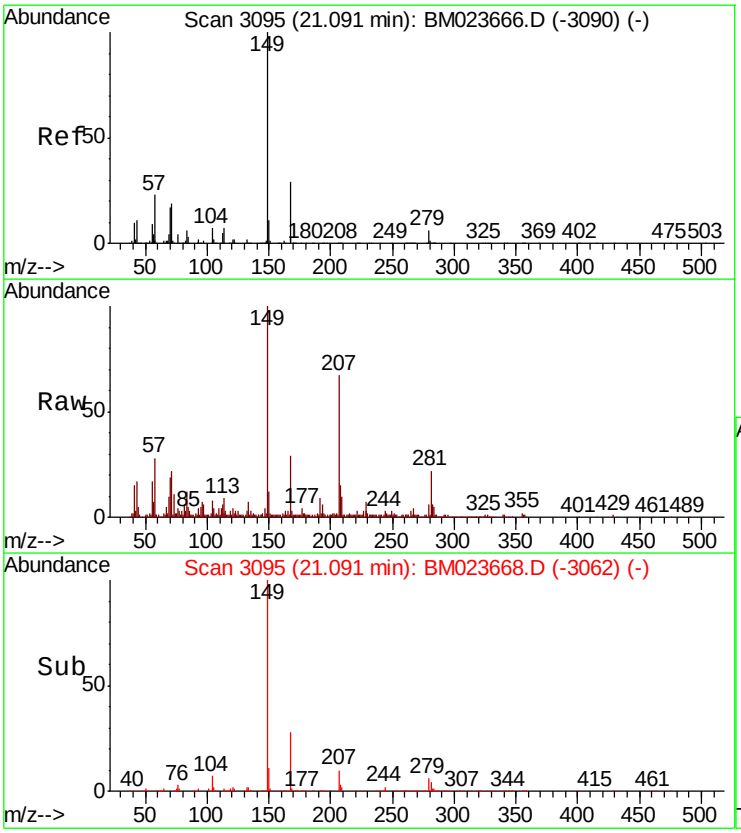
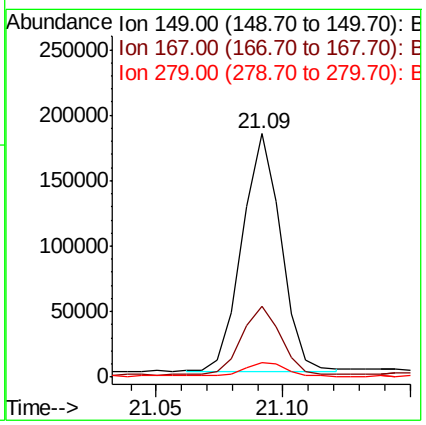
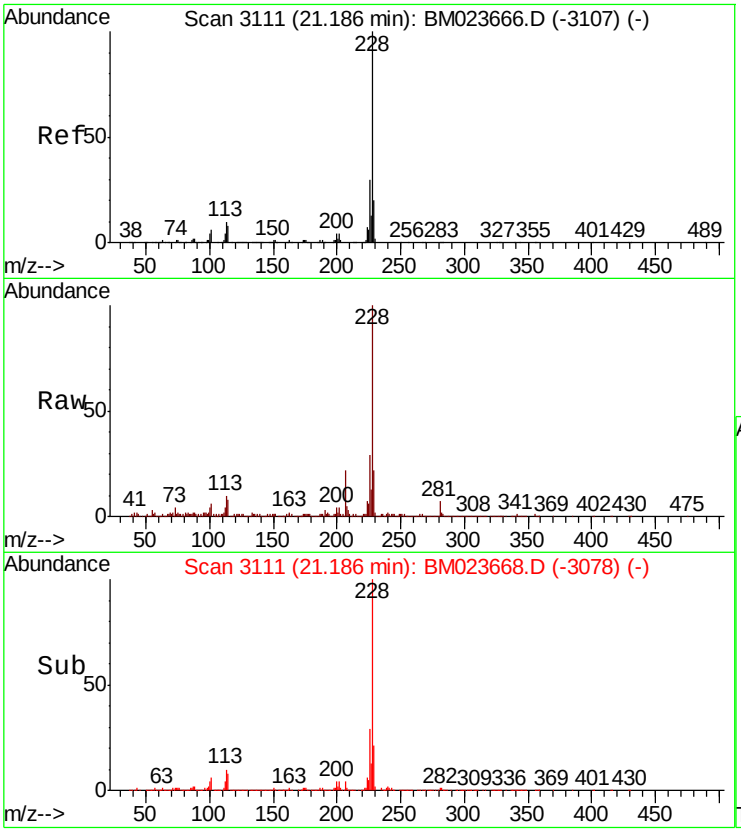


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.533 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:149 Resp: 193610

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.2
279	6.1	5.0	7.4

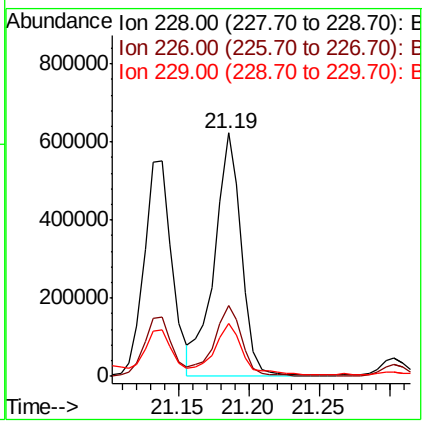




#85
Chrysene
Concen: 5.341 ng/ul
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:228 Resp: 820292

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.8	15.8	23.6



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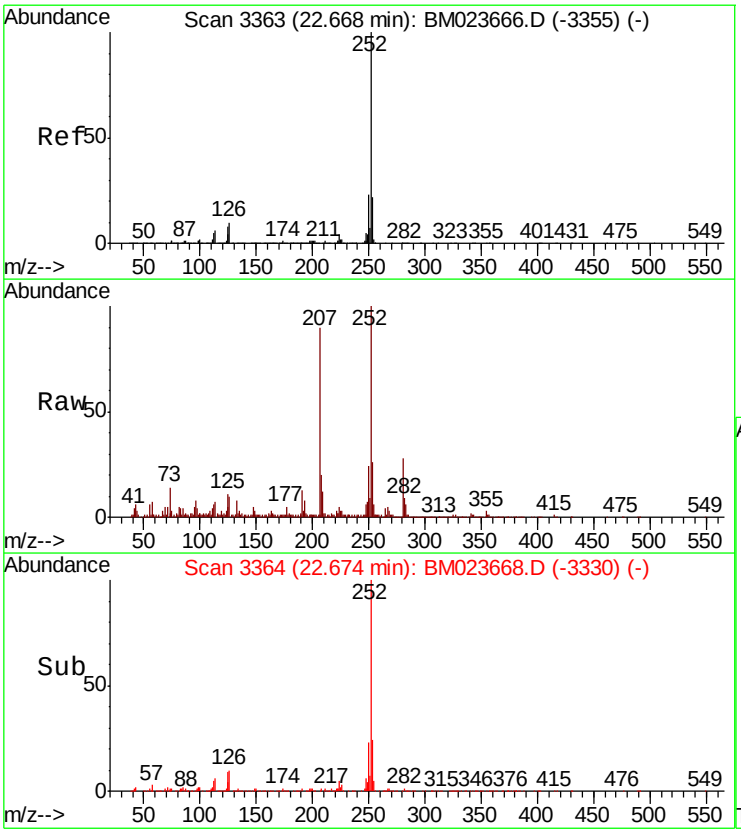
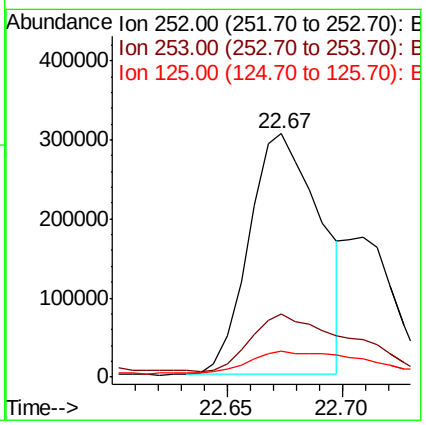
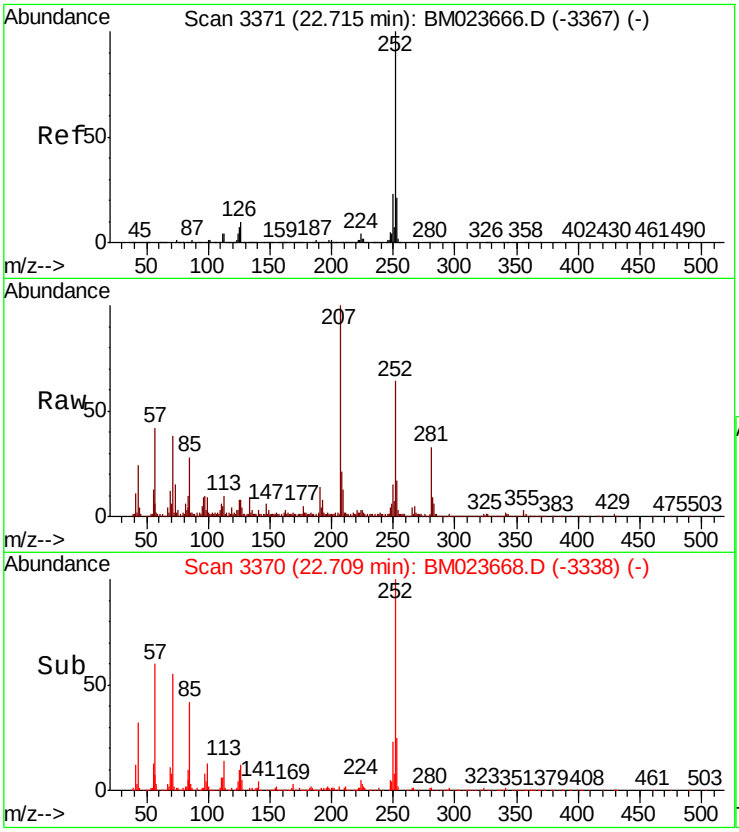


#88
Benzo(b)fluoranthene
Concen: 4.314 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:252 Resp: 655361

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	10.7	6.5	9.7#

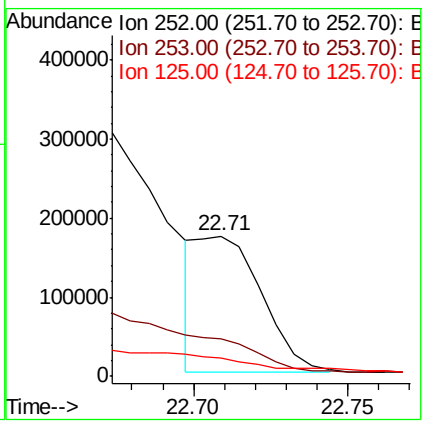




#89
Benzo(k)fluoranthene
Concen: 1.681 ng/ul m
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:252 Resp: 246116

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	13.2	5.9	8.9#



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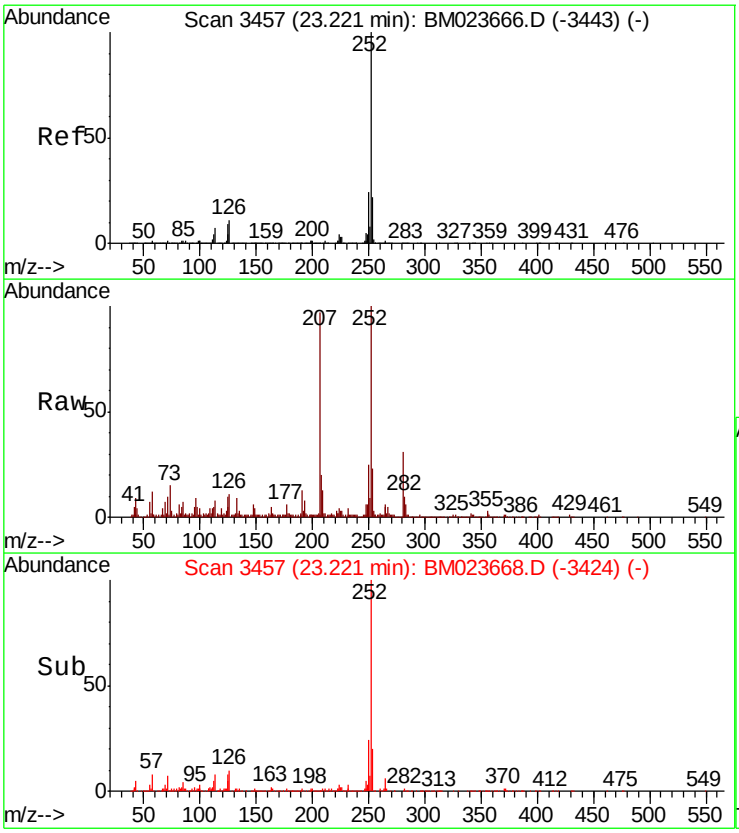
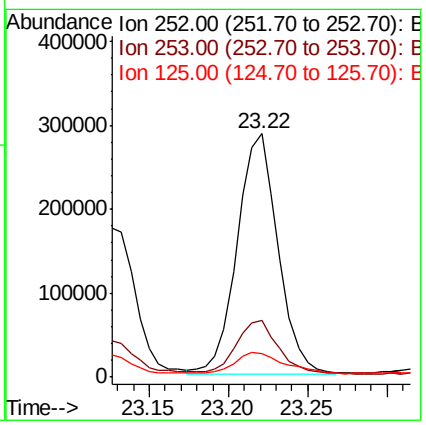
mohammad
11/13/2019 7:58:09 AM

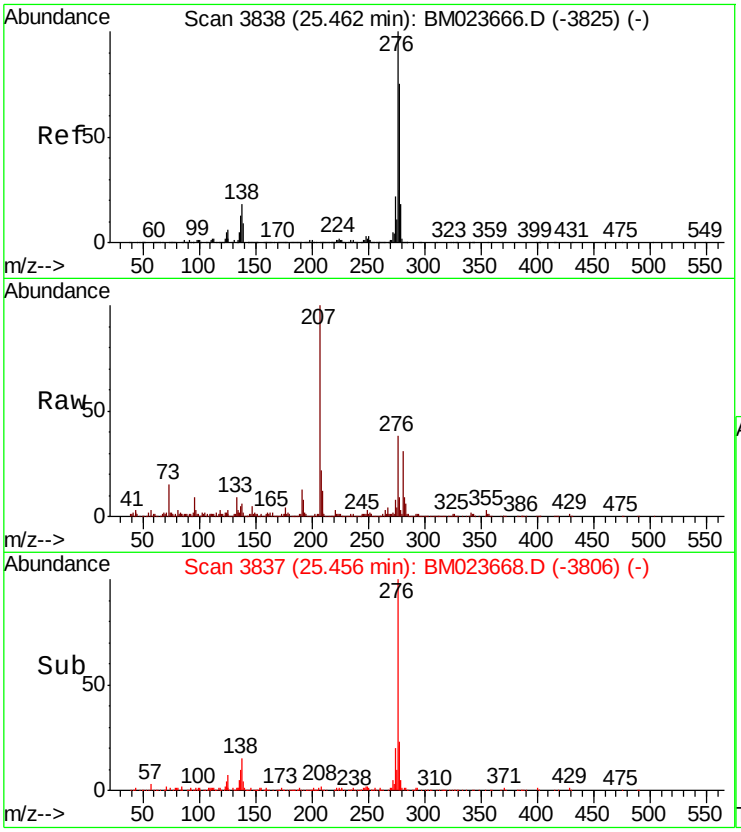


#91
Benzo(a)pyrene
Concen: 3.706 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:252 Resp: 515404

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.8	6.9	10.3

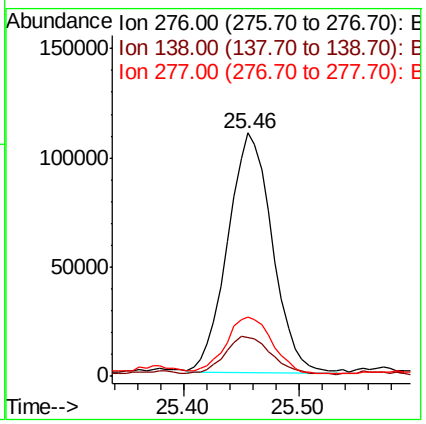




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.977 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

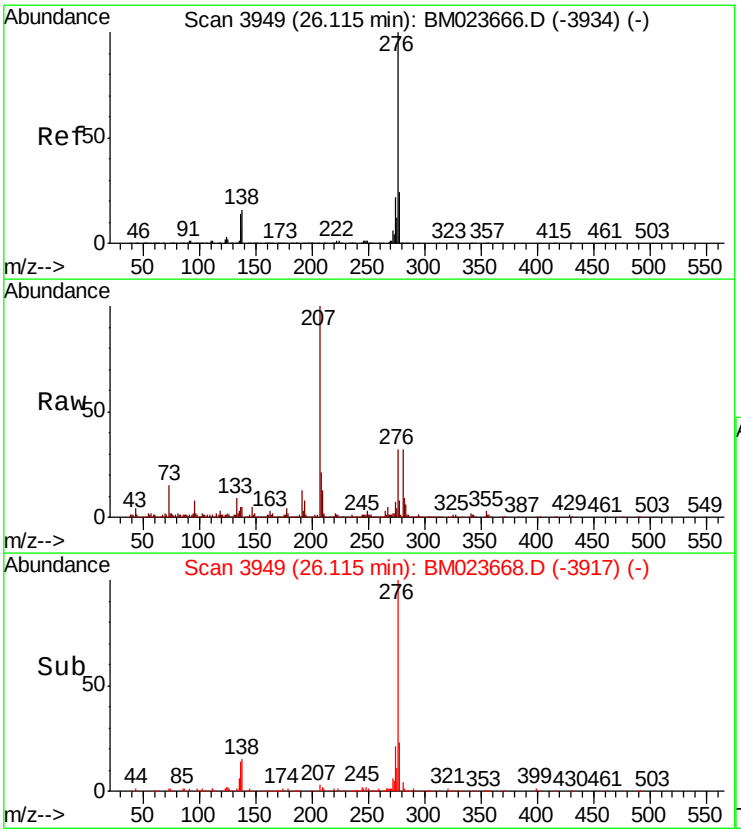
Tgt Ion:276 Resp: 294076

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.0	22.4
277	24.3	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
JLNA1

Manual Integrations APPROVED
mohammad
11/13/2019 7:58:09 AM



#94
Benzo(g,h,i)perylene
Concen: 2.296 ng/ul
RT: 26.11 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:276 Resp: 276663

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.2	19.8
277	24.4	18.6	28.0